

Agenda Item #: _____

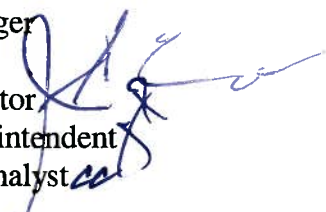


Staff Report

City of Manhattan Beach

TO: Honorable Mayor Powell and Members of the City Council

THROUGH:  David N. Carmany, City Manager

FROM: Jim Arndt, Public Works Director
 Juan Price, Maintenance Superintendent
 Clay J. Curtin, Management Analyst 

DATE: June 5, 2012

SUBJECT: Plans and Specifications and Award of Construction Contract for the Section 7 (Longfellow Avenue to 45th Street, Valley Drive/Blanche Road to The Strand) Concrete Repair Project to Martinez Concrete, Inc., (\$634,228.48) and Award of Professional Services Contract for Construction Inspection Services to RBF Consulting (\$44,355)

RECOMMENDATION:

It is recommended that the City Council pass a motion to:

1. Approve the Plans and Specifications for the Section 7 Concrete Repair Project; and
2. Authorize the City Manager to execute a contract in the amount of \$634,228.48 to Martinez Concrete, Inc. for the Section #7 Concrete Repair Project and Authorize the City Manager to approve additional work in an amount not-to-exceed \$63,422.85 (10%); and
3. Authorize the City Manager to execute a Professional Services Contract in the amount of \$44,355 to RBF Consulting for Construction Inspection Services and Authorize the City Manager to approve additional work in an amount not-to-exceed \$4,435.50 (10%).

FISCAL IMPLICATION:

Funding in the amount of \$700,000.00 was appropriated by City Council through the fiscal year 2011-2012 Capital Improvement Program (CIP) from Proposition 42 (\$680,000), Transportation Development Act Article III funds (\$20,000). Additional Carryover funds in the amount of \$46,441.83 are available from previous year projects and are recommended for use to fully fund this project. The following table indicates available funding, expected costs, and anticipated balance for the project after completion.

Budget			
Proposition 42 Gas Tax Funds	CIP 11823E	\$680,000.00	
Transportation Development Act Art. III	CIP 11823E	\$20,000.00	
Total Approved		\$700,000.00	\$700,000.00
Carryover Funds		\$46,441.83	\$46,441.83
		TOTAL BUDGET	\$746,441.83
Expenditures			
Construction Contract (Martinez Concrete, Inc.)		\$634,228.48	
Construction Contingency (10%)		\$63,422.85	
Construction Inspection Services (RBF Consulting)		\$44,355.00	
Construction Inspection Contingency (10%)		\$4,435.50	
TOTAL ESTIMATED EXPENDITURES		\$746,441.83	\$746,441.83

BACKGROUND:

This project is part of the ongoing concrete repair and maintenance program. This annual program removes and replaces damaged or displaced concrete sidewalks, curbs, gutters and drive approaches in the City right-of-way to eliminate trip hazards and to mitigate gutter ponding. Upgrades such as the installation of curb ramps are also constructed through the program. Work under the program is performed through a competitively bid contract.

Traditionally, staff coordinates concrete repairs (primarily curb, gutters, and concrete drainage swales) with established slurry seal maintenance districts. The goal is to provide a programmed approach to street maintenance in which street repairs, slurry sealing, sidewalk repairs, and traffic markings are completed in the same year on a seven-year cycle.

The City is responsible for all concrete improvements within the right-of-way except sidewalks and drive approaches which are the responsibility of adjacent property owners. The City’s Municipal Code assigns the responsibility for repairing sidewalks and driveways to adjacent property owners (Chapter 7.12.010 -7.12.030). The competitively bid contract ensures residents who must effect repairs to the sidewalks adjoining their properties receive the best possible value. Work completed under this contract which is adjacent to private property will be billed to the property owner and the funds reimbursed to the Prop. 42 Gas Tax Fund.

Staff has included concrete work valued at up to \$233,850.20 in the recommended contract that would be reimbursed to the City by property owners as authorized by Manhattan Beach Municipal Code Chapter 712.010-7.12.030. Funds to cover this portion of the project plus the corresponding portion of the 10% contingency (\$23,385.02) have been included in the budget and will be returned to the Prop. 42 Gas Tax unreserved fund balance upon payment by the property owners.

Notification of Property Owners

Staff notified all affected property owners in February 2012 of the impending concrete repair project and their responsibility to repair the sidewalk and driveway through a notice describing the program and the competitive bidding process (Attachment A). Property owners will receive another notice following award of the contract providing them with final pricing and scheduling

information. At that time, property owners have the option of accepting the contract pricing and reimbursing the City for the work or to hire their own contractor to complete the repairs through a City right-of-way permit.

Environmental Review

In accordance with the California Environmental Quality Act (CEQA) of 1970, this project is Categorical Exempt (Section 15301, Class 1(c)). A Notice of Exemption has been filed with the County Clerk's office.

DISCUSSION:

Construction Bid Proposals

This project was advertised for bids in the Beach Reporter, the City's publisher of record and several standard construction industry publications, including the Dodge Green Sheet, Reed Construction Data, and Associated General Contractors of America. Subsequently, seven sets of plans and specifications were provided to contractors, subcontractors and material suppliers. A total of five bids were received and opened on April 2, 2012, as follows:

Rank	Construction Bidders	Bid Price
1.	Martinez Concrete, Inc.	\$634,228.48
2.	Kalban, Inc.	\$757,363.50
3.	Sully-Miller Contracting Co.	\$805,609.25
4.	Nobest, Incorporated	\$806,494.00
5.	Vido Samarzich, Inc.	\$866,917.00

Martinez Concrete Inc.'s bid was reviewed by the Public Works Department and found to be responsive. Staff reviewed Martinez Concrete Inc.'s contractor's license and found it to be in order. Martinez Concrete Inc. has completed multiple projects work for other cities, mainly in the foothill areas, either as a prime or subcontractor. Additionally, references indicate Martinez Concrete Inc. has the knowledge and capability to complete the work in a timely and acceptable manner.

Authorization of Additional Work

It is recommended that the City Manager be authorized to approve change orders in an amount not-to-exceed \$63,422.85 (10% of contract cost) to complete unforeseen additional work. Doing so would expedite completion of the project. A report of any additional work can be provided to the City Council at the end of the project

Construction Schedule

It is estimated that construction will begin in June 2012 and be complete within 45 working days. The schedule allows time for the construction itself, as well as pavement striping and markings to be added around the affected schools prior to the beginning of the Fall 2012 semester.

Construction Inspection Services (RBF Consulting)

In January 2011, staff issued a request for proposal for on-call engineering services. Fifty-three proposals were received. Staff reviewed the proposals and developed a shortlist of fourteen firms for consideration on City projects over the next three years. The City solicited proposals from six shortlisted firms to provide construction inspection services for Section 7 Concrete Repair Project

and received four responses. Staff reviewed the proposals and conducted interviews of the top three prospective inspectors in order to rank the proposals as follows:

Rank	Firm	Proposed Fee	Staff Determination
1.	RBF Consulting	\$44,355	The proposal from RBF Consulting, Inc. included all of the elements, methods and expertise required for the project and was deemed this was the most effective proposal submitted.
2.	Wallace & Associates	\$39,612	
3.	Bureau Veritas	\$43,820	

RBF Consulting was selected as the most appropriate firm in terms of comprehensive Scope of Work, prior experience, capability of staff, and proposed fee for this project. Although, the fee proposed by RBF Consulting Inc. is higher than the number two-ranked proposal, the inspector RBF Consulting is assigning to the project is the most qualified due to an engineering background and field management experience with similar projects. The decision is largely based upon the challenges that will be encountered in making qualified elevation and line adjustments during the repair process and the upgrade of older non-standard existing work, and accurately recording these variances in the field. The variances are largely due to hilly terrain, drainage issues, matching old and new work, and upgrades to ADA access ramps.

The recommended contract is for a not-to-exceed amount based on utilizing all 45 working days allowed under the construction contract. Should the work be completed in fewer days than the construction contract, then the actual payment would be based on the actual hours worked by the inspector. If the construction contract requires the use of the 10% construction contingency for unforeseen additional work, the 10% inspection contingency may also be necessary to provide adequate inspection services for such work.

- Attachments:
- A. Notice to Property Owners
 - B. Project Area Map – Slurry Seal Area 7
 - C. Construction Contract – Martinez Concrete, Inc.
 - D. Professional Services Contract – RBF Consulting

cc: Henry Mitzner, Controller
 Jeanne D. O'Brien, Senior Accountant



City Hall 1400 Highland Avenue Manhattan Beach, CA 90266-4795
Telephone (310) 802-5000 FAX (310) 802-5001 TDD (310) 546-3501

February 21, 2012

<< NAME >>
<< ADDRESS >>
<< CITY, STATE, ZIP CODE >>

Re: Upcoming Concrete Repairs

Dear Property Owner,

Recently an inspection of the streets and sidewalks in your area in Manhattan Beach was performed. You may have noticed areas marked in white paint identifying areas that are to be repaired. The purpose of these markings is to identify standing water problems, displacements, holes, trip hazards, and misalignments prior to the upcoming slurry seal project. The City's goal is to provide a programmed approach to street maintenance in which street repairs, slurry sealing, sidewalk, and traffic markings are scheduled to coordinate and enhance the City's overall maintenance activities. Benefits include regularly inspected streets, sidewalks, traffic markings and competitive pricing through economies of scale. The construction is expected to begin in late Spring 2012 and you will receive scheduling and unit cost pricing information prior to the start of any construction. Property owners are reminded, per Chapter 7.12.010 -7.12.030 of the Municipal Code, that it is their responsibility to maintain safe and conforming sidewalks.

Residents may elect to use the services of a privately retained contractor to make sidewalk and driveway repairs or perform the work themselves. If you wish to avail yourself of either of these options, a Public Works Excavation Permit allowing work on the public rights of way must be obtained prior to the commencement of any work. The cost of the permit is determined on a square foot basis in addition to any costs you or your private contractor incurs to make the sidewalk repairs. Permits and any questions regarding the permitting process can be obtained through the Community Development Department, who can be reached at (310) 802-5500.

Please contact me at (310) 802-5308 or via email at rdozal@citymb.info should you have any questions regarding this project or concrete repairs in general.

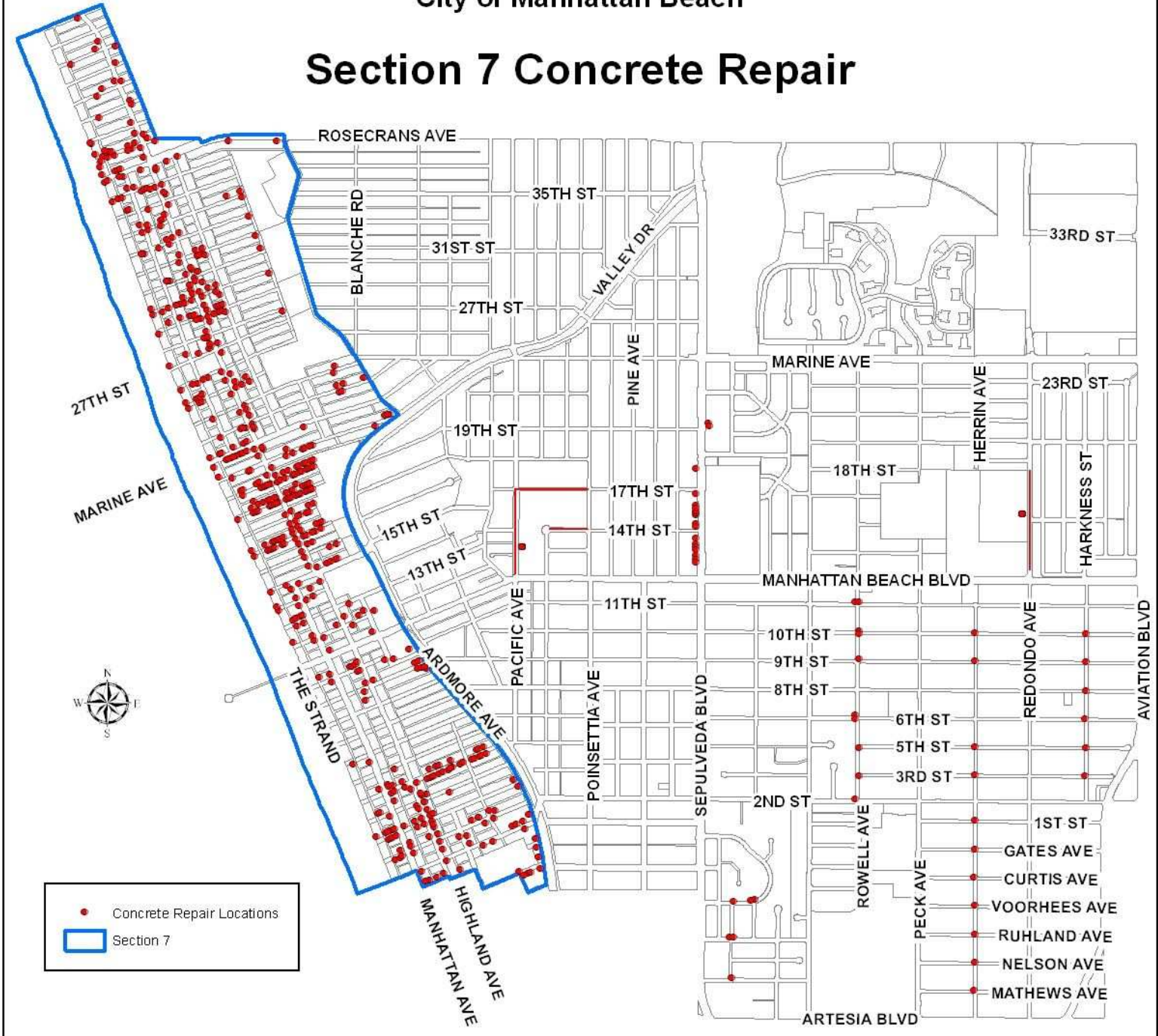
Respectfully,

Rick Dozal, Maintenance Supervisor

Fire Department Address: 400 15th Street, Manhattan Beach, CA 90266 FAX (310) 802-5201
Police Department Address: 420 15th Street, Manhattan Beach, CA 90266 FAX (310) 802-5101
Public Works Department Address: 3621 Bell Avenue, Manhattan Beach, CA 90266 FAX (310) 802-5301
City of Manhattan Beach Web Site: <http://www.ci.manhattan-beach.ca.us>

City of Manhattan Beach

Section 7 Concrete Repair



SPECIFICATION AND CONTRACT DOCUMENTS
FOR
CITY OF MANHATTAN BEACH, CALIFORNIA

Section 7 Concrete Repair Project



Completion: **45** Working Days

PUBLIC WORKS DEPARTMENT
1400 Highland Avenue
Manhattan Beach, California 90266

Telephone: (310) 802-5310

PROJECT MANAGERS:

Juan Price, Maintenance Superintendent
Clay Curtin, Management Analyst
Rick Dozal, Maintenance Supervisor

Reviewed by:



Jim Arndt
Public Works Director

CITY OF MANHATTAN BEACH
SPECIAL PROVISIONS

<u>Section</u>	<u>Subsection</u>	<u>Description</u>
Part 1		<u>General Provisions</u>
	1	Terms, Definitions Abbreviations & Symbols
	2	Scope and Control of Work
	3	Changes in the Work
	4	Control of Materials
	5	Utilities
	6	Prosecution Progress & Acceptance of Work
	7	Responsibilities of the Contractor
	8	Facilities and Agency Personnel
	9	Measurement and Payment
	10	Special Project Site Maintenance and Public Convenience and Safety
Part 2		<u>Construction Materials</u>
<u>201</u>		<u>Concrete Mortar and Related Materials</u>
	201-1	Portland Cement Concrete
	201-1.1	Requirements
	201-1.1.1	General
	201-1.1.2	Concrete Specified by Class
<u>203</u>		<u>Bituminous Materials</u>
	203-6	Asphalt Concrete
	203-6.1	General
Part 3		<u>Construction Methods</u>
<u>300</u>		<u>Concrete Pavement</u>
	300-1.3.2(b)	Concrete Pavement
	300-1.3.2(c)	Concrete Curb, Walk, Gutters, Cross Gutters, Driveways and Alley Intersections
<u>302-5</u>		<u>AC Pavement</u>
	303-5.2.3	Removal and Disposition of Materials
	303-5.4	Tack Coat
<u>303-4</u>		<u>Masonry Construction</u>
	303-4.1	Concrete Block Masonry
	303-4.1.1	General
	303-4.2	Brick Masonry
	303-4.2.1	Materials
<u>303-5</u>		<u>Concrete Curbs, Walks, Gutters, X-gutters, Alley Intersections, Access Ramps & Driveways</u>
	303-5.1	Requirements
	303-5.1.1	General
	303-5.6	Curing
	303-5.10	Removal and Disposition of Material
	306-1.3	Backfill and Densification
	306-1.3.1	General
	306-1.3.4	Compaction Requirements
	306-1.5	Trench Resurfacing
	306-1.5.1	Temporary Resurfacing
	306-1.5.2	Permanent Resurfacing
	306-1.6	Basis of Payment for Open Trench Installation
	306-7	Curb Drains

*Addition - Not covered in the Green Book.

**Caltrans Standard Specifications, Section 86

SPECIAL PROVISIONS
(Continued)

<u>Section</u>	<u>Subsection</u>	<u>Description</u>
<u>308</u>		<u>Landscape and Irrigation Installation</u>
	308-4	Planting
	308-4.5	Tree & Shrub Planting
	* 308-4.9.6	Hydroseeding
	308-5	Irrigation System Installation
	308-5.6	Flushing & Testing
	308-5.6.1	Flushing Main Line (Irrigation)
	308-6	Maintenance & Plant Establishment
	308-7	Guarantee

*Addition - Not covered in the Green Book.

**Caltrans Standard Specifications, Section 86

CITY OF MANHATTAN BEACH
PROJECT SPECIFICATIONS

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CITY OF MANHATTAN BEACH
STATE OF CALIFORNIA

NOTICE TO CONTRACTORS

* * * *

SEALED PROPOSALS will be received at the office of the City Clerk, City Hall, City of Manhattan Beach, California, until 11:00 a.m. on April 2, 2012, at which time they will be publicly opened and read, for performing work as follows:

Section 7 Concrete Repair Project

No bid will be received unless it is made on a proposal form furnished by the Engineer. Each bid must be accompanied by (cash, certified or cashier's check, or bidder's bond) made payable to the City of Manhattan Beach for an amount equal to at least ten percent (10%) of the amount bid, such guaranty to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract.

Notice is hereby given that the Director of the Department of Industrial Relations, State of California, has ascertained the prevailing rates of per diem wages as evidenced in most recent edition of State of California, Department of Transportation, Business, Transportation and Housing Agency, General Prevailing Wage Rates Schedule, in the locality in which the work is to be done, for each craft or type of workman or mechanic needed to execute the contract in accordance with the provisions of Section 1770 to 1781 of the Labor Code; said prevailing rates are on file in the Office of the City Clerk and are incorporated herein by reference.

In accordance with Section 1776 of the Labor Code as amended, the Contractor shall submit a certified copy of the complete project payroll record to the Engineer, prior to final acceptance of the contract work.

The Contractor shall, in the performance of the work and improvements, conform to the Labor Code and other laws of the State of California and the laws of the Federal Government of the United States applicable thereto.

The Contractor's attention is directed to Section 14311.5 of the Government Code concerning projects involving federal funds and failure of bidder or Contractor to be properly licensed.

All bids are to be compared on the basis of the Engineer's Estimate of the quantities of work to be done. The City reserves the right to delete any bid item(s) prior to award if it is in the City's best interests to do so.

No contract will be awarded to a Contractor who has not been licensed in accordance with the provisions of Chapter 9, Division III, of the Business and Professions Code.

Each bidder shall also submit with his proposal a List of Subcontractors and Contractor's Questionnaire as required in the contract documents.

Plans may be seen and forms of proposal, bonds, contract, and specifications may be obtained at the City of Manhattan Beach City Hall, 1400 Highland Avenue, Manhattan Beach, California. A non-refundable deposit for the plans and specifications may be charged as determined by the Engineer. **A PRE-BID JOBWALK WILL BE HELD ON WEDNESDAY MARCH 21, 2012, AT 10:00 AM, AT THE PUBLIC WORKS TRAINING ROOM AT 3621 BELL AVENUE, MANHATTAN BEACH, CA. THIS JOB WALK IS NOT**

MANDATORY BUT PROSPECTIVE BIDDERS ARE HIGHLY ENCOURAGED TO ATTEND.

The special attention of prospective bidders is called to Section I, PROPOSAL REQUIREMENTS, for full direction as to bidding, etc.

The City of Manhattan Beach reserves the right to reject any or all bids.

Dated: March 15, 2012

/s/ Liza Tamura
LIZA TAMURA, City Clerk
City of Manhattan Beach

PART 1

PROPOSAL REQUIREMENTS

Proposal Requirements

(a) General Information

The City Clerk of the City of Manhattan Beach, California, will receive at its office at the City Hall, 1400 Highland Avenue, Manhattan Beach, California, until 11:00 a.m. on April 2, 2012, sealed proposals for:

Section 7 Concrete Repair Project

per the Specifications prepared thereof, which are on file with the Public Works Department.

(b) Examination of Plans, Specifications, Special Provisions, and Site of Work

The Bidder is required to examine carefully the site of work and the proposal plans, specifications, and contract forms for the work contemplated, and it will be assumed that the bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and quantities of work to be performed and materials to be furnished, and as to the requirements agreed that submission of a proposal shall be considered prima facie evidence that the bidder has made such examination.

(c) Proposal Form

All proposals must be made upon blank forms to be obtained from the Public Works Department in the City Hall. All proposals must give the prices proposed, both in writing and figures, and must be signed by the bidder, with his address. If the proposal is made by an individual, his name and post office address must be shown. If made by firm or partnership, the name and post office address of each member of the firm or partnership must be shown. If made by corporation, the proposal must show the name of the state under the laws of which the corporation was chartered and the names, titles, and business addresses of the president, secretary, and treasurer. Each bidder shall also submit with his proposal a List of Subcontractors and Contractor's Questionnaire as required and referred to in the contract documents.

(d) Rejection of Proposals Containing Alterations, Erasures or Irregularities

Proposals may be rejected if they show any alterations of form, additions not called for, conditional or alternative bids, incomplete bids, erasures, or irregularities of any kind.

Each Contractor shall base his bid on furnishing and installing all items exactly as shown on the contract drawings and as described in the contract specifications. The successful Contractor will not be authorized to make any materials substitutions or changes in plans and/or specifications on his own initiative, but in each and every instance must procure written authorization from the Engineer before installing any work in variance with the contract requirements.

(e) Interpretation of Contract Documents

If any person contemplating submitting a bid on this project is in doubt as to the true meaning of any part of the plans, specifications, or other sections of the contract documents, he may submit to the Engineer a written request for interpretation thereof. The person submitting the request will be responsible for its prompt delivery. Any interpretation of the contract documents including the plans and specifications will be made by addendum duly issued or delivered by the Engineer to each person receiving a set of said documents. The Engineer will not be responsible for any other explanations or interpretations of the contract documents.

(f) Bidder's Guaranty

All bids shall be presented under sealed cover and shall be accompanied by cash, cashier's check, certified check, or bidder's bond, made payable to the City of Manhattan Beach, for an amount equal to at least ten percent (10%) of the amount of said bid, and no bid shall be considered unless such cash, cashier's check, certified check, or bidder's bond is enclosed therewith.

(g) Award of Contract

The award of the contract, if it be awarded*, will be to the lowest responsible bidder whose proposal complied with all the requirements described. The award, if made, will be made within sixty (60) days after the opening of the bids. All bids will be compared on the basis of the Engineer's estimate of quantities of work to be done. *See Paragraph (k) below.

(h) Execution of Contract

The contract shall be signed by the successful bidder and returned, together with the contract bonds, within ten (10) days, not including Sundays, after the bidder has received notice that the contract has been awarded. No proposal shall be considered binding upon the City until the execution of the contract.

Failure to execute a contract and file acceptable bonds as provided herein within ten (10) days, not including Sundays, after the bidder has received notice that the contract has been awarded, shall be just cause for the annulment of the award and the forfeiture of the proposal guaranty.

(i) Return of Bidder's Guaranties

Within ten (10) days after the award of the contract, the City Clerk will return the proposal guaranties accompanying such proposals which are not to be considered in making the award. All other proposal guaranties will be held until the contract has been finally executed, after which they will be returned to the respective bidders whose proposals they accompany.

(j) Contractor's Questionnaire

The Contractor shall complete the questionnaire form that accompanies the proposal and submit the information with his proposal.

(k) Owner's Right to Award Contract

The Owner reserves the right to reject any or all bids, to waive any irregularities or informalities and to award contract as may best serve the interests of the City of Manhattan Beach.

CONTRACTOR'S PROPOSAL

To the City Council of the City of Manhattan Beach:

The undersigned declares that he has carefully examined the location of the proposed work, that he has examined the plans and specifications and read the accompanying proposal requirements, and hereby proposes to furnish all materials and do all the work required to complete said work prior to or upon the expiration of 45 working days in accordance with Standard Drawings ST-1, ST-2, ST-10, APWA Curb Ramp Drawing 111-3 pages 1-10, Specifications and Special Provisions, for the unit price or lump sum as set forth in the following schedule:

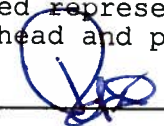
ITEM	DESCRIPTION Install	QUANT	UNIT PRICE	TOTAL COST
Section 7 Concrete Repair Project				
1.	4" Sidewalk	35,646 SF	4 ⁶⁷ / ₁₀₀	166,466 ⁸² / ₁₀₀
1b.	4" Sidewalk 12"x12" stamped terra cotta	0 SF		
2.	6" Driveway	1084 SF	5 ⁵⁰ / ₁₀₀	5,962 ⁰⁰ / ₁₀₀
3.	6" Curb and Gutter	584 LF	27 ⁰⁰ / ₁₀₀	15,768 ⁰⁰ / ₁₀₀
3b.	6" Curb and Gutter terra cotta	0 LF	.	
4.	8" Curb and Gutter	156.5 LF	30 ⁰⁰ / ₁₀₀	4,695 ⁰⁰ / ₁₀₀
5.	8" Cross Gutter/ Spandrel- High Early Strength PCC (please refer to Part 4, Section B. <u>Maximum Amount of Open Formwork Allowed, No.5 pg. 57</u>)	1461 SF	9 ⁰⁰ / ₁₀₀	13,149 ⁰⁰ / ₁₀₀
6.	6" AC - Non Specified	100 TN	112 ⁰⁰ / ₁₀₀	11,200 ⁰⁰ / ₁₀₀
7a.	Wheelchair Ramps Horizontal Cut Method	0-NIC	0-NIC	0-NIC
7b.	Wheelchair Ramps- Traditional Method (include wet set detectable warning surface/truncated dome)	99 EA	1950 ⁰⁰ / ₁₀₀	193,050 ⁰⁰ / ₁₀₀
SUBTOTAL ITEMS 1 - 7				410,290 ⁸² / ₁₀₀
Removals				
8.	4" Sidewalk	35,646 SF	2 ⁸¹ / ₁₀₀	100,165 ²⁶ / ₁₀₀
9.	6" Driveway	1084 SF	5 ¹⁰ / ₁₀₀	5,528 ⁴⁰ / ₁₀₀
10.	6" Curb and Gutter	584 LF	26 ⁰⁰ / ₁₀₀	15,184 ⁰⁰ / ₁₀₀
11.	8" Curb and Gutter	156.5 LF	30 ⁰⁰ / ₁₀₀	4,695 ⁰⁰ / ₁₀₀
12.	8" Cross Gutter/Spandrel	1461 SF	15 ⁰⁰ / ₁₀₀	21,915 ⁰⁰ / ₁₀₀
14.	Wheelchair Ramps- Traditional Method	99 EA	550 ⁰⁰ / ₁₀₀	54,450 ⁰⁰ / ₁₀₀
15.	6" AC-Non Specified	100 TN	120 ⁰⁰ / ₁₀₀	12,000 ⁰⁰ / ₁₀₀
SUBTOTAL ITEMS 8 - 15				213,937 ⁶⁶ / ₁₀₀

ITEM NO.	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL COST
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
SUBTOTAL ITEMS 16 - 23				0
24.	Special project site maintenance and public convenience and safety (not to exceed price is for comparison of bids only and may not be the final payment, complete). See Section 10 of Specifications.	Lump Sum	Not to Exceed	\$10,000
25.				
SUBTOTAL ITEMS 25 - 31				0

Total Bid Cost: \$ 634,228⁴⁸ =

Total Bid Cost in Writing: \$ SIX HUNDRED THIRTY FOUR THOUSAND TWO HUNDRED TWENTY EIGHT DOLLARS AND FORTY EIGHT CENTS


The undersigned represents that this is a balanced bid and that the overhead and profit have been evenly distributed.



 Signed

The undersigned further agrees that in case of default in executing the required contract, with necessary bonds, within ten (10) days, not including Sunday, after having received notice that the contract is ready for signature, the proceeds of the check or bond accompanying his bid shall become the property of the City of Manhattan Beach.

Licensed in accordance with an act providing for the registration of Contractors, License No. 394471.



Signature of Bidder

SEC./TREAS.

Title

(If an individual, so state. If a firm or co-partnership, state the firm name and give the names of all individuals copartners composing the firm. If a corporation, state legal name of corporation, also names of president, secretary, treasurer, and manager thereof.)

MIGUEL MARTINEZ PRES.
ESPERANZA MARTINEZ V.P.
ROBERT MARTINEZ SEC./TREAS.

MARTINEZ CONCRETE

(Name of Company or Corporation)

920 W. FOOTHILL BLVD.

(Address)

AZUSA CA 91702

(City) (State) (Zip)

Dated: MARCH 26, 2012.

STATISTICAL INFORMATION ON CONTRACTOR

Project

Firm/Organization Information Form

INSTRUCTIONS: All proposers or bidders responding to this solicitation must return this form for proper consideration of their proposal or bid. **The information requested below is for statistical purposes only.** On final analysis and consideration of award, a proposer/bidder will be selected without regard to gender, race, creed, or color. Categories listed below are based upon those described in 49 CFR §23.5.

TYPE OF BUSINESS ENTITY: CORPORATION
(Corporation, Partnership, Joint Venture, Sole Proprietorship, etc.)

TOTAL NUMBER OF EMPLOYEES IN FIRM (including owners): 27

CULTURAL/ETHNIC COMPOSITION OF FIRM: (Owners, Partners, Associate Partners, Managers, Staff, etc.).

Please break down the total number of employees in your firm into the following categories:

	OWNERS/PARTNERS/ ASSOCIATE PARTNERS	MANAGERS	STAFF
Black/African American			
Hispanic/Latin American	3	4	23
Asian American			
American Indian/Alaskan Native			
All Others			

Based upon the categories above, please indicate the total number of men and women in your firm:

Men	24		
Women	3		

PERCENTAGE OF OWNERSHIP IN FIRM Please indicate by percentage (%) how the ownership of the firm is distributed:

	Black/African American	Hispanic/Latin American	Asian American	American Indian/Alaskan Native	All Others
Men	%	55	%	%	%
Women	%	45	%	%	%

CERTIFICATION AS MINORITY, WOMEN, DISADVANTAGED, AND DISABLED VETERANS BUSINESS ENTERPRISE Is your firm currently certified as a minority, women-owned, disadvantaged or disabled veterans business enterprise by a public agency? (If yes, complete the following and attach a copy of your notice of certification.) YES NO

Agency CALTRAN Expiration Date 2013

Agency CITY OF LOS ANGELES Expiration Date 2013

Agency _____ Expiration Date _____

Agency _____ Expiration Date _____

FIRM NAME: MARTINEZ CONCRETE

SIGNED:  TITLE: SEC./TRGAS.

DATE: 3/26/12

NON-COLLUSION AFFIDAVIT TO BE EXECUTED BY BIDDER AND
SUBMITTED WITH BID

State of CALIFORNIA)
County of LOS ANGELES) ss.

I, ROBERT MARTINEZ, being first duly sworn, deposes and says that he

or she is SEC./TREAS. of MARTINEZ CONCRETE the party making the foregoing bid that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

Bidder MARTINEZ CONCRETE
By [Signature]
Title SEC./TREAS.
Organization _____
Address 920 W. FOOTHILL BLVD. AZUSA, CA 91702

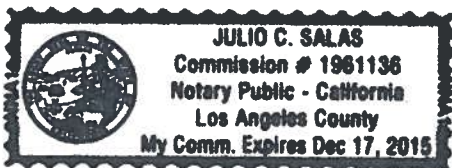
Subscribed and sworn to before me this 28 day of MARCH, 2012

[Notarial Seal]

[Signature]

Notary Public in and for the State of CALIFORNIA

My commission expires 12-17-2015



CONTRACTOR'S QUESTIONNAIRE

TO THE CITY COUNCIL OF THE CITY OF MANHATTAN BEACH, CALIFORNIA:

Re: Section 7 Concrete Repair Project

Submitted by MARTINEZ CONCRETE

Principal Office 920 W. FOOTHILL BLVD. AZUSA, CA 91702

Telephone (626) 334-2979

Type of Firm: Corporation X Co-Partnership _____

Individual _____

Contractor's License No. 394471

If a corporation, answer these questions:

Date of incorporation 11/25/77

State of incorporation CALIFORNIA

President's name MIGUEL MARTINEZ

Vice President's name ESPERANZA MARTINEZ

Secretary or Clerk's name ROBERT MARTINEZ

Treasurer's name ROBERT MARTINEZ

If a co-partnership, answer these questions:

Date of organization _____

Name and Address of all partners _____

Number of years experience as a Contractor in construction work 34

List the major construction projects your organization has underway as of this date:

CURB ACCESS RAMPS - CITY OF THOUSAND OAKS Phone: (805) 449-2443

Phone: _____

Phone: _____

Phone: _____

List the major projects your organization has completed in the past five years.

STROZIER AVE - CITY OF SOUTH EL MONTE Phone: (818) 281-2471

SAFE ROUTES TO SCHOOL - CITY OF AZUSA Phone: (626) 812-5284

TENTH STREET - CITY OF CORONA Phone: (951) 739-4961

Phone: _____

Have you or your firm or any principal in your firm ever been adjudged bankrupt in any voluntary or involuntary bankruptcy proceeding? No

If so, when? _____

NOTE: If requested by the City, the bidder shall furnish a notarized financial statement, financial data, or other information and references sufficiently comprehensive to permit an appraisal of his current financial condition.

LIST OF SUBCONTRACTORS

The Bidder is required to fill in the following blanks in accordance with the provisions of the Subletting and Subcontracting Fair Practices Act (Chapter 2 of Division 5, Title 1 of the Government Code of the State of California) and should familiarize himself with Section 2-3 of the Standard Specifications.

Name Under which Subcontractor is Licensed	License Number	Address of Office, Mill or Shop	Specific Description of Subcontract
N/A			

Subcontractors listed in accordance with the provisions of Section 2-3 must be properly licensed under the laws of the State of California for the type of work which they are to perform. Do not list alternate subcontractors for the same work.

BIDDER'S BOND TO ACCOMPANY PROPOSAL

KNOW ALL MEN BY THESE PRESENTS,

That we, Martinez Concrete Inc., as principal, and
Philadelphia Indemnity Insurance Company, as surety are held
and firmly bound unto the City of Manhattan Beach in the sum of

Ten percent of the total amount of the bid _____ Dollars, (\$ 10% _____),
to be paid to the said City or its certain attorney, its successors and
assigns; for which payment, well and truly to be made, we bind ourselves, our
heirs, executors and administrators, successors or assigns, jointly and
severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH,

That if the certain proposal of the above bounden Martinez Concrete Inc.

to construct Section 7 Concrete Repair Project

dated APRIL 2, 2012 is accepted by the City of
Manhattan Beach, and if the above bounden

Martinez Concrete Inc.

his heirs, executors, administrators, successors and assigns, shall duly enter
into and execute a contract for such construction, and shall execute and
deliver the two bonds described within ten days (not including Sunday) from
the date of the mailing of a notice to the above bounden Martinez Concrete Inc. by and
from the said City of Manhattan Beach that said contract is ready for
execution, then this obligation shall become null and void; otherwise it shall
be and remain in full force and virtue; provided, however, that if Principal
shall, prior to the mailing of a notice of being awarded the contract notify
City of its unwillingness to perform under its bid submittal or request relief
from its bid without legal justification, City shall be relieved of any
obligation to formally award the contract to Principal and City's rights
hereunder shall not be affected by its failure to formally award the contract.

IN WITNESS WHEREOF, we hereunto set our hands and seals this
day of

March 28, 2012.

Philadelphia Indemnity Insurance Company

By:

Linda D. Coats
Linda D. Coats, Attorney in Fact

Martinez Concrete Inc.

By: [Signature]

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

State of California

County of Orange

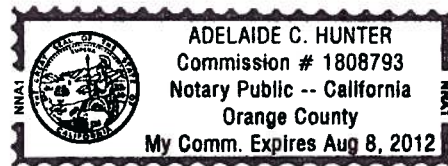
On March 28, 2012 before me, Adelaide C. Hunter, Notary Public
(insert name and title of the officer)

personally appeared Linda D. Coats,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the
same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature A. Hunter





PHILADELPHIA INDEMNITY INSURANCE COMPANY

231 St. Asaph's Rd., Suite 100
Bala Cynwyd, PA 19004-0950
Power of Attorney

KNOW ALL PERSONS BY THESE PRESENTS: That **PHILADELPHIA INDEMNITY INSURANCE COMPANY** (the Company), a corporation organized and existing under the laws of the Commonwealth of Pennsylvania, does hereby constitute and appoint: **Linda D. Coats & Matthew J. Coats OF Coats Surety Insurance Services, Inc.**

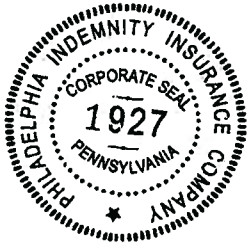
Its true and lawful Attorney (s) in fact with full authority to execute on its behalf bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, issued in the course of its business and to bind the Company thereby, in an amount not to exceed \$5,000,000.00.

This Power of Attorney is granted and is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of PHILADELPHIA INDEMNITY INSURANCE COMPANY at a meeting duly called the 11th day of July, 2011.

RESOLVED: That the Board of Directors hereby authorizes the President or any Vice President of the Company to: (1) Appoint Attorney(s) in Fact and authorize the Attorney(s) in Fact to execute on behalf of the Company bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof and to attach the seal of the Company thereto; and (2) to remove, at any time, any such Attorney-in-Fact and revoke the authority given. And, be it

FURTHER RESOLVED: That the signatures of such officers and the seal of the Company may be affixed to any such Power of Attorney or certificate relating thereto by facsimile, and any such Power of Attorney so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with the respect to any bond or undertaking to which it is attached.

IN TESTIMONY WHEREOF, PHILADELPHIA INDEMNITY INSURANCE COMPANY HAS CAUSED THIS INSTRUMENT TO BE SIGNED AND ITS CORPORATE SEAL TO BE AFFIXED BY ITS AUTHORIZED OFFICE THIS 18TH DAY OF JULY, 2011.



President

Christopher J. Maguire
President Philadelphia Indemnity Insurance Company, a Pennsylvania Corporation.

On this 18TH day of July 2011, before me came the individual who executed the preceding instrument, to me personally known, and being by me duly sworn said that he is the therein described and authorized officer of the **PHILADELPHIA INDEMNITY INSURANCE COMPANY**; that the seal affixed to said instrument is the Corporate seal of said Company; that the said Corporate Seal and his signature were duly affixed.

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Kimberly A. Kessleski, Notary Public
Lower Merion Twp., Montgomery County
My Commission Expires Dec. 18, 2012
Member, Pennsylvania Association of Notaries

I, Craig P. Keller, Executive Vice President, Chief Financial Officer and Secretary of **PHILADELPHIA INDEMNITY INSURANCE COMPANY**, do hereby certify that the foregoing resolution of the Board of Directors and this Power of Attorney issued pursuant thereto on this 18TH day of July 2011 are true and correct and are still in full force and effect. I do further certify that Christopher J. Maguire, who executed the Power of Attorney as President, was on the date of execution of the attached Power of Attorney the duly elected President of **PHILADELPHIA INDEMNITY INSURANCE COMPANY**,

In Testimony Whereof I have subscribed my name and affixed the facsimile seal of each Company this 28th day of March 2012

Craig P. Keller
Executive Vice President, Chief Financial Officer & Secretary

CITY OF MANHATTAN BEACH
A G R E E M E N T

THIS AGREEMENT, made and entered into this _____ day of _____, 2012 by and between the CITY OF MANHATTAN BEACH, a municipal corporation, hereinafter referred to as "CITY" and Martinez Concrete Inc. hereinafter referred to as "CONTRACTOR". City and Contractor hereby agree as follows:

1. That for and in consideration of the payments and agreements hereinafter mentioned, to be made and performed by the City, and under the conditions expressed in the two bonds, bearing even date with these presents, and hereunto annexed, the Contractor agrees with the City, at his own proper cost and expense, to do all the work and furnish all the materials, except such as are mentioned in the Specifications to be furnished by said City, necessary to complete in a good, workmanlike and substantial manner the improvements for the:

Section 7 Concrete Repair Project

in accordance with the specifications and Special Provisions therefor, and also in accordance with the Specifications entitled "Standard Specifications for Public Works Construction, Latest Edition" and all supplements thereto, which said Special Provisions and Standard Specifications are hereby specially referred to and by such reference made a part hereof.

Said work to be done as shown upon the following plans:

City of Manhattan Beach Standard Plans ST-1, ST-2, ST-10; Standard Plans for Public Works Construction Curb Ramp No. 113-3 sheets 1 through 10 Curb Ramp

2. Said Contractor agrees to receive and accept the following prices as full compensation for furnishing all materials and doing all the work contemplated and embraced in this Agreement; also for all loss or damage arising out of the nature of the work aforesaid, or from the acts of the elements, or from any unforeseen difficulties or obstructions which may arise or be encountered in the prosecution of the work until its acceptance by the City of Manhattan Beach and for all risks of every description connected with the work; also for all expenses incurred by or in consequence of the suspension or discontinuance of work, and for well and faithfully completing the work, and the whole thereof, in the manner and according to the Plans and Specifications, and requirements of the Engineer under them, to wit:

Total Cost: \$634,228.48

Total Cost In Writing: Six hundred thirty-four thousand two hundred twenty-eight dollars and forty-eight cents

3. The complete contract consists of the following documents: This Agreement, Notice to Contractors, the accepted bid, the completed Plans, Specifications and detailed drawings, Performance Bond, Labor and Materials Bond, and Defective Materials, Workmanship and Equipment Bond.

All rights and obligations of City and Contractor are fully set forth and described in the contract documents.

All of the above named documents are intended to cooperate so that any work called for in one and not mentioned in the other, or vice versa, is to be executed the same as if mentioned in all said documents.

A G R E E M E N T
(Continued)

4. The said City hereby promises and agrees with the said Contractor to employ, and does hereby employ the said Contractor to provide the materials and to do the work according to the terms and conditions herein contained and referred to, for the prices aforesaid, and hereby contracts to pay the same at the time, in the manner, and upon the conditions above set forth; and the said parties for themselves, their heirs, executors, administrators, successors, and assigns, do hereby agree to the full performance of the covenants herein contained.

5. It is further expressly agreed by and between the parties hereto that should there be any conflict between the terms of this instrument and the bid or proposal of said Contractor, then this instrument shall control and nothing herein shall be considered as an acceptance of the said terms of said proposal conflicting herewith.

IN WITNESS WHEREOF, the City has by action of its City Council authorized this Agreement to be executed for and on behalf of the City by its Mayor and attested by its City Clerk, and the Contractor has caused the same to be executed by his duly authorized officer.

Contractor
By  _____
Its SEC./TREAS.

and

By _____
Its
920 W. Foothill Bl.
Address
AZUSA, CA 91702

ATTEST:

CITY OF MANHATTAN BEACH


Liza Tamura, City Clerk

David N. Carmany, City Manager

The foregoing agreement is hereby approved by me as to form



City Attorney



Public Works Approval

Bond No.: PB 115104 00080

Premium: \$9,842.00

** Premium is based on 100% of the final contract amount **

CITY OF MANHATTAN BEACH
PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS:

That we, Martinez Concrete, Inc.

as principal, and Philadelphia Indemnity Insurance Company,

a corporation, incorporated, organized, and existing under the laws of the State of Pennsylvania and authorized to execute bonds and undertakings and to do a general surety business in the State of California, as Surety, are jointly and severally held and firmly bound unto the City of Manhattan Beach, a municipal corporation, located in the County of Los

Angeles, State of California, in the full and just sum of Six Hundred Thirty Four Thousand

Two Hundred Twenty Eight Dollars and Forty Five Cents Dollars (\$ 634,228.45), lawful money of the

United States of America, for the payment of which sum, well and truly to be made, we bind ourselves and our respective heirs, executors, administrators, representatives, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that:

WHEREAS, said principal has entered into, or is about to enter into, a certain written contract or agreement, dated as of the 5 day of JUNE, 2012, with the said City of Manhattan Beach for

Section 7 Concrete Repair Project

all as is more specifically set forth in said contract or agreement, a full, true, and correct copy of which is hereunto attached, and hereby referred to and by this reference incorporated herein and made a part hereof.

NOW, THEREFORE, if the said Principal Martinez Concrete, Inc. shall faithfully and well and truly do, perform and complete, or cause to be done, performed and completed, each and all of the covenants, terms, conditions, requirements, obligations, acts and things, to be met, done or performed by said Principal Martinez Concrete, Inc., as set forth in, or required by, said contract or agreement, all at and within the time or times, and in the manner as therein specified and contemplated, then this bond and obligation shall be null and void; otherwise it shall be and remain in full force, virtue and effect.

The said Surety, for value received, hereby stipulates and agrees that no amendment, change, extension of time, alteration or addition to said contract or agreement, or of any feature or item or items of performance required therein or thereunder, shall in any manner affect its obligations on or under this bond; and said Surety does hereby waive notice of any such amendment, change, extension of time, alteration, or addition to said contract or agreement, and of any feature or item or items of performance required therein or thereunder.


PERFORMANCE BOND
(Continued)

In the event any suit, action, or proceeding is instituted to recover on this bond or obligation, said Surety will pay, and does hereby agree to pay, as attorney's fees for said City, such sum as the Court in any such suit, action or proceeding may adjudge reasonable.

EXECUTED, SEALED, and DATED this 3rd day of May, 2012.

(CORPORATE SEAL)

Martinez Concrete, Inc.



Principal

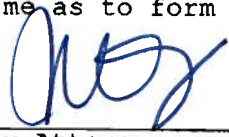
(CORPORATE SEAL)

Philadelphia Indemnity Insurance Company



Surety Matthew J. Coats, Attorney-in-Fact

The foregoing bond is hereby approved
by me as to form



City Attorney

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

State of California

County of Orange

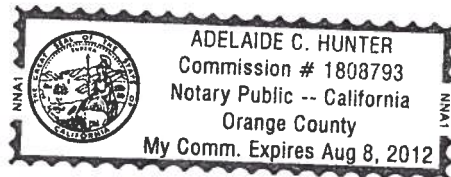
On MAY 03 2012 before me, Adelaide C. Hunter, Notary Public
(insert name and title of the officer)

personally appeared Matthew J. Coats,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the
same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature A. Hunter



PHILADELPHIA INDEMNITY INSURANCE COMPANY
231 St. Asaph's Rd., Suite 100
Bala Cynwyd, PA 19004-0950
Power of Attorney

KNOW ALL PERSONS BY THESE PRESENTS: That **PHILADELPHIA INDEMNITY INSURANCE COMPANY** (the Company), a corporation organized and existing under the laws of the Commonwealth of Pennsylvania, does hereby constitute and appoint: **Linda D. Coats & Matthew J. Coats OF Coats Surety Insurance Services, Inc.**

Its true and lawful Attorney (s) in fact with full authority to execute on its behalf bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, issued in the course of its business and to bind the Company thereby, in an amount not to exceed \$5,000,000.00.

This Power of Attorney is granted and is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of PHILADELPHIA INDEMNITY INSURANCE COMPANY at a meeting duly called the 11th day of July, 2011.

RESOLVED: That the Board of Directors hereby authorizes the President or any Vice President of the Company to: (1) Appoint Attorney(s) in Fact and authorize the Attorney(s) in Fact to execute on behalf of the Company bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof and to attach the seal of the Company thereto; and (2) to remove, at any time, any such Attorney-in-Fact and revoke the authority given. And, be it

FURTHER RESOLVED: That the signatures of such officers and the seal of the Company may be affixed to any such Power of Attorney or certificate relating thereto by facsimile, and any such Power of Attorney so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with the respect to any bond or undertaking to which it is attached.

IN TESTIMONY WHEREOF, PHILADELPHIA INDEMNITY INSURANCE COMPANY HAS CAUSED THIS INSTRUMENT TO BE SIGNED AND ITS CORPORATE SEAL TO BE AFFIXED BY ITS AUTHORIZED OFFICE THIS 18TH DAY OF JULY, 2011.



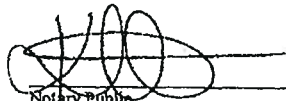
Christopher J. Maguire

President

Christopher J. Maguire
President Philadelphia Indemnity Insurance Company, a Pennsylvania Corporation.

On this 18TH day of July 2011, before me came the individual who executed the preceding instrument, to me personally known, and being by me duly sworn said that he is the therein described and authorized officer of the **PHILADELPHIA INDEMNITY INSURANCE COMPANY**; that the seal affixed to said instrument is the Corporate seal of said Company; that the said Corporate Seal and his signature were duly affixed.


COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Kimberly A. Kessleski, Notary Public
Lower Merion Twp., Montgomery County
My Commission Expires Dec. 18, 2012
Member, Pennsylvania Association of Notaries



Notary Public

I, Craig P. Keller, Executive Vice President, Chief Financial Officer and Secretary of **PHILADELPHIA INDEMNITY INSURANCE COMPANY**, do hereby certify that the foregoing resolution of the Board of Directors and this Power of Attorney issued pursuant thereto on this 18TH day of July 2011 are true and correct and are still in full force and effect. I do further certify that Christopher J. Maguire, who executed the Power of Attorney as President, was on the date of execution of the attached Power of Attorney the duly elected President of **PHILADELPHIA INDEMNITY INSURANCE COMPANY**,

In Testimony Whereof I have subscribed my name and affixed the facsimile seal of each Company this 3rd day of May 2012.



Craig P. Keller
Executive Vice President, Chief Financial Officer & Secretary

CITY OF MANHATTAN BEACH

Bond No. PB 115104 00080

LABOR AND MATERIALS BOND

Premium: Included with Performance Bond

KNOW ALL MEN BY THESE PRESENTS:

That we, Martinez Concrete, Inc.

as principal, and Philadelphia Indemnity Insurance Company

as surety, are held and firmly bound unto the CITY OF MANHATTAN BEACH, State of California, in the sum of Six Hundred Thirty Four Thousand Two Hundred Twenty Eight Dollars and Forty Five Cents

(\$ 634,228.45) lawful money of the

United States, for the payment of which sum, well and truly to be made, we bind ourselves, jointly and severally, firmly by these presents.

THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH, that:

WHEREAS, said principal has been awarded and is about to enter into a written contract or agreement with the City of Manhattan Beach for

Section 7 Concrete Repair Project

all as is more specifically set forth in said contract or agreement, a full, true, and correct copy of which is hereunto attached, and hereby referred to and by this reference incorporated herein and made a part hereof.

NOW, THEREFORE, if the said principal as Contractor in said contract or agreement, or principal's subcontractor, fails to pay for any materials, provisions, provended or other supplies or teams, equipment, implements, trucks, machinery or power used in, upon or for or about the performance of the work contracted to be done, or for any work or labor done thereon of any kind, or for amounts due under the Unemployment Insurance Act of the State of California or for any amounts required to be deducted, withheld and paid over to the Franchise Tax Board from the wages of employees of the Contractor and his subcontractors pursuant to Section 18806 of the Revenue and Taxation Code with respect to such work or labor, the surety on this bond will pay the same in an amount not exceeding the sum hereinabove specified in this bond.

This bond is executed pursuant to the provisions of Chapter 7 of Division 3, Part 4, Title 15, of the Civil Code of the State of California, and shall inure to the benefit of any and all persons entitled to file claims under Chapter 4 of Division 3, Part 4, Title 15 of the Civil Code of California as now or hereafter amended. No premature payment by said City to said principal shall exonerate any surety unless the City Council of said City shall have actual notice that such payment is premature at the time and it is ordered by said Council, and then only to the extent that such payment shall result in loss to such surety, but in no event more than the amount of such premature payment.

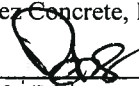
LABOR AND MATERIALS BOND
(Continued)

This bond is executed and filed in connection with said contract or agreement hereunto attached to comply with each and all of the provisions of the laws of the State of California above mentioned or referred to, and to all amendments thereto, and the obligors so intend and do hereby bind themselves accordingly.

The said surety, for value received, hereby stipulates and agrees that no amendment, change, extension of time, alteration, or addition to said contract or agreement, or of any feature or item or items of performance required therein or thereunder, shall in any manner affect its obligation on or under this bond; and said surety does hereby waive notice of any such amendment, change, extension of time, alteration, or addition to said contract or agreement, and of any feature or item or items of performance required therein or thereunder.


WITNESS our hands this 3rd day of May, 2012.

Martinez Concrete, Inc.



Principal

Philadelphia Indemnity Insurance Company



Surety

Matthew J. Coats, Attorney-in-Fact

The foregoing bond is hereby approved by me as to form.



City Attorney

The foregoing bond is hereby approved by me as to surety.

ATTEST:

David N. Carmany, City Manager

Liza Tamura, City Clerk

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

State of California

County of Orange

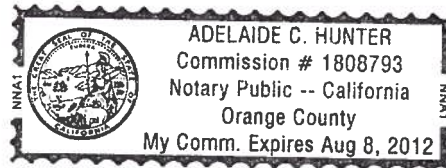
On MAY 03 2012 before me, Adelaide C. Hunter, Notary Public
(insert name and title of the officer)

personally appeared Matthew J. Coats,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the
same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature A. Hunter



PHILADELPHIA INDEMNITY INSURANCE COMPANY
231 St. Asaph's Rd., Suite 100
Bala Cynwyd, PA 19004-0950
Power of Attorney

KNOW ALL PERSONS BY THESE PRESENTS: That **PHILADELPHIA INDEMNITY INSURANCE COMPANY** (the Company), a corporation organized and existing under the laws of the Commonwealth of Pennsylvania, does hereby constitute and appoint: **Linda D. Coats & Matthew J. Coats OF Coats Surety Insurance Services, Inc.**

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This Power of Attorney is granted and is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of PHILADELPHIA INDEMNITY INSURANCE COMPANY at a meeting duly called the 11th day of July, 2011.

RESOLVED: That the Board of Directors hereby authorizes the President or any Vice President of the Company to: (1) Appoint Attorney(s) in Fact and authorize the Attorney(s) in Fact to execute on behalf of the Company bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof and to attach the seal of the Company thereto; and (2) to remove, at any time, any such Attorney-in-Fact and revoke the authority given. And, be it

FURTHER RESOLVED: That the signatures of such officers and the seal of the Company may be affixed to any such Power of Attorney or certificate relating thereto by facsimile, and any such Power of Attorney so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with the respect to any bond or undertaking to which it is attached.

IN TESTIMONY WHEREOF, PHILADELPHIA INDEMNITY INSURANCE COMPANY HAS CAUSED THIS INSTRUMENT TO BE SIGNED AND ITS CORPORATE SEAL TO BE AFFIXED BY ITS AUTHORIZED OFFICE THIS 18TH DAY OF JULY, 2011.

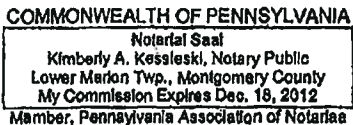



Christopher J. Maguire

President

Christopher J. Maguire
President Philadelphia Indemnity Insurance Company, a Pennsylvania Corporation.

On this 18TH day of July 2011, before me came the individual who executed the preceding instrument, to me personally known, and being by me duly sworn said that he is the therein described and authorized officer of the **PHILADELPHIA INDEMNITY INSURANCE COMPANY**; that the seal affixed to said instrument is the Corporate seal of said Company; that the said Corporate Seal and his signature were duly affixed.






Notary Public

I, Craig P. Keller, Executive Vice President, Chief Financial Officer and Secretary of **PHILADELPHIA INDEMNITY INSURANCE COMPANY**, do hereby certify that the foregoing resolution of the Board of Directors and this Power of Attorney issued pursuant thereto on this 18TH day of July 2011 are true and correct and are still in full force and effect. I do further certify that Christopher J. Maguire, who executed the Power of Attorney as President, was on the date of execution of the attached Power of Attorney the duly elected President of **PHILADELPHIA INDEMNITY INSURANCE COMPANY**,

In Testimony Whereof I have subscribed my name and affixed the facsimile seal of each Company this 3rd day of May 2012.



Craig P. Keller
Executive Vice President, Chief Financial Officer & Secretary

CITY OF MANHATTAN BEACH
DEFECTIVE MATERIALS, WORKMANSHIP, AND EQUIPMENT BOND

KNOW ALL MEN BY THESE PRESENTS:

That we, Martinez Concrete, Inc.

as principal, and Philadelphia Indemnity Insurance Company,

a corporation organized and existing under the laws of the State of Pennsylvania, and authorized to do a general surety business in the State of California, as Surety, are held and firmly bound unto the City of Manhattan Beach (hereinafter called Owner), a municipal corporation of the State of

California, in the full and just sum of Six Hundred Thirty Four Thousand Two Hundred

Twenty Eight Dollars and Forty Five Cents Dollars (\$ 634,228.45), lawful money of the United

States of America, for which sum, well and truly to be paid, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that:

WHEREAS, the said Principal entered into a certain contract with the obligee,

dated on or about JUNE 5, 2012 for the

construction of

Section 7 Concrete Repair Project

WHEREAS, the Principal contracted to give the obligee a surety bond in the sum

of Six Hundred Thirty Four Thousand Two Hundred Twenty Eight Dollars and Forty Five Cents

Dollars (\$ 634,228.45), conditioned that the Principal would make good and protect the said obligee against the results of materials, equipment, or workmanship which are inferior, defective, or not in accordance with the terms of said contract having been used or incorporated in any part of the work so contracted for, which shall have appeared or been discovered, within the period of one (1) year from and after the completion and final acceptance of the work done under said contract.

NOW, THEREFORE, if the Principal shall well and truly make good and protect the said obligee against the results of materials, equipment, or workmanship which are inferior, defective, or not in accordance with the terms of said contract having been used or incorporated in any part of the work performed under said contract, which shall have appeared or been discovered within said one (1) year period from and after completion and final acceptance of said work, then this obligation shall be null and void; otherwise to remain in full force and effect.

DEFECTIVE MATERIALS, WORKMANSHIP, AND EQUIPMENT BOND
(Continued)

SIGNED, SEALED, and DATED this 3rd day of May,
2012.

Martinez Concrete, Inc.

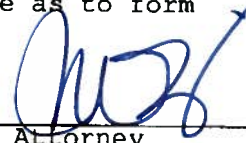


Principal

Philadelphia Indemnity Insurance Company


Surety Matthew J. Coats, Attorney-in-Fact

The foregoing bond is hereby approved
by me as to form


City Attorney

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

State of California

County of Orange

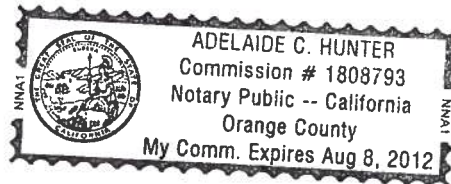
On MAY 03 2012 before me, Adelaide C. Hunter, Notary Public
(insert name and title of the officer)

personally appeared Matthew J. Coats,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the
same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature A. Hunter



PHILADELPHIA INDEMNITY INSURANCE COMPANY
231 St. Asaph's Rd., Suite 100
Bala Cynwyd, PA 19004-0950
Power of Attorney

KNOW ALL PERSONS BY THESE PRESENTS: That **PHILADELPHIA INDEMNITY INSURANCE COMPANY** (the Company), a corporation organized and existing under the laws of the Commonwealth of Pennsylvania, does hereby constitute and appoint: **Linda D. Coats & Matthew J. Coats OF Coats Surety Insurance Services, Inc.**

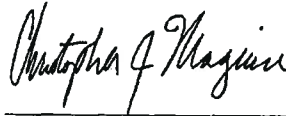
Its true and lawful Attorney (s) in fact with full authority to execute on its behalf bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, issued in the course of its business and to bind the Company thereby, in an amount not to exceed \$5,000,000.00.

This Power of Attorney is granted and is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of **PHILADELPHIA INDEMNITY INSURANCE COMPANY** at a meeting duly called the 11th day of July, 2011.

RESOLVED: That the Board of Directors hereby authorizes the President or any Vice President of the Company to: (1) Appoint Attorney(s) in Fact and authorize the Attorney(s) in Fact to execute on behalf of the Company bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof and to attach the seal of the Company thereto; and (2) to remove, at any time, any such Attorney-in-Fact and revoke the authority given. And, be it

FURTHER RESOLVED: That the signatures of such officers and the seal of the Company may be affixed to any such Power of Attorney or certificate relating thereto by facsimile, and any such Power of Attorney so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with the respect to any bond or undertaking to which it is attached.

IN TESTIMONY WHEREOF, PHILADELPHIA INDEMNITY INSURANCE COMPANY HAS CAUSED THIS INSTRUMENT TO BE SIGNED AND ITS CORPORATE SEAL TO BE AFFIXED BY ITS AUTHORIZED OFFICE THIS 18TH DAY OF JULY, 2011.

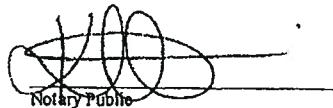


President

Christopher J. Maguire
President Philadelphia Indemnity Insurance Company, a Pennsylvania Corporation.

On this 18TH day of July 2011, before me came the individual who executed the preceding instrument, to me personally known, and being by me duly sworn said that he is the therein described and authorized officer of the **PHILADELPHIA INDEMNITY INSURANCE COMPANY**; that the seal affixed to said instrument is the Corporate seal of said Company; that the said Corporate Seal and his signature were duly affixed.


COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Kimberly A. Kessleski, Notary Public
Lower Merion Twp., Montgomery County
My Commission Expires Dec. 18, 2012
Member, Pennsylvania Association of Notaries



Notary Public

I, Craig P. Keller, Executive Vice President, Chief Financial Officer and Secretary of **PHILADELPHIA INDEMNITY INSURANCE COMPANY**, do hereby certify that the foregoing resolution of the Board of Directors and this Power of Attorney issued pursuant thereto on this 18TH day of July 2011 are true and correct and are still in full force and effect. I do further certify that Christopher J. Maguire, who executed the Power of Attorney as President, was on the date of execution of the attached Power of Attorney the duly elected President of **PHILADELPHIA INDEMNITY INSURANCE COMPANY**,

In Testimony Whereof I have subscribed my name and affixed the facsimile seal of each Company this 3rd day of May 2012.



Craig P. Keller
Executive Vice President, Chief Financial Officer & Secretary

INSURANCE ENDORSEMENT FORM #1
(GENERAL)

This endorsement is issued in consideration of the policy premium. Notwithstanding any inconsistent expression in the policy to which this endorsement is attached, or in any other endorsement now or hereafter attached thereto, or made a part thereof, the protection afforded by said policy shall include the following:

1. Additional Insured. With respect to such insurance as is afforded by this policy, the City of Manhattan Beach and its officers, employees, elected officials, volunteers, and members of boards and commissions shall be named as additional insured. This additional insured coverage only applies with respect to liability of the named insured or other parties acting on their behalf arising out of the activities of the undertaking specified in paragraph No. 5 below (Indemnification Clause).
2. Cross Liability Clause. The insurance afforded applies separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the company's liability.
3. Occurrence Based Policy. This policy shall be an "occurrence based policy."
4. Primary Insurance. For the risks covered by this endorsement this insurance shall provide primary insurance to the City to the exclusion of any other insurance or self-insurance program the City may carry with respect to claims and injuries arising out of activities of the Contractor or otherwise insured hereunder.
5. Indemnification Clause. The underwriters acknowledge that the named insured shall indemnify and save harmless the City of Manhattan Beach against any and all claims resulting from the wrongful or negligent acts or omissions of the named insured or other parties acting on their behalf in the undertaking specified as (list activity location and date(s) of event to include set-up and cleanup dates):

Section 7 Concrete Repair Project

6. Investigation and Defense Costs. Said hold harmless assumption on the part of the named insured shall include all reasonable costs necessary to defend a lawsuit including attorney fees, investigators, filing fees, transcripts, court reporters, and other reasonable costs of investigation and defense.
7. Reporting Provisions. Any failure to comply with the reporting provisions of the policy shall not affect coverage provided to the City.
8. Cancellation. This policy shall not be cancelled except by written notice to the Risk Manager at: City of Manhattan Beach, 1400 Highland Avenue, Manhattan Beach, CA, 90266, at least thirty (30) days prior to the date of such cancellation.
9. Limits of Liability. This policy shall provide minimum limits of liability of \$ 1,000,000.00 , combined single limit coverage against any injury, death, loss or damage as a result of wrongful or negligent acts or omissions by the named insured.

10. Comprehensive Coverage. This policy shall afford coverage at least as broad as Commercial General Liability "Occurrences" Form CG0001 and shall include the following:

A. General Liability

- (1) Comprehensive Form
- (2) Premises/Operations
- (3) Independent Contractors Liability
- (4) Broad Form Property Damage
- (5) Personal Injury
- (6) Products, Completed Operations
- (7) Contractual
- (8) Explosions, collapse, or underground property damage.

NOTE: If this is a Homeowner's Policy in lieu of Commercial General Liability, it shall afford coverage at least as broad as Homeowners ISO Form HO II (Ed 9-70) California and shall include comprehensive personal liability.

This policy shall provide the dollar limit specified in paragraph 9 with the following additional coverage where boxes below are checked:

- 11. Host Liquor Liability
- 12. Liquor Law Liability
- 13. Other

The limits of liability as stated in this endorsement apply to the insurance afforded by this endorsement notwithstanding that the policy may have lower limits of liability elsewhere in the policy.

This endorsement is effective _____ at 12:01 a.m. and forms a part of Policy No. _____.

Named Insured _____

Name of Insurance Company _____

I, _____ (print/type name), warrant that I have authority to bind the above listed insurance company, and by my signature hereon do so bind this company.

By _____
Signature of Authorized Representative

Approved _____
City Risk Manager Date

PLEASE ATTACH CERTIFICATE OF INSURANCE

INSURANCE ENDORSEMENT FORM #2
(AUTO)

This endorsement is issued in consideration of the policy premium. Notwithstanding any inconsistent expression in the policy to which this endorsement is attached, or in any other endorsement now or hereafter attached thereto, or made a part thereof, the protection afforded by said policy shall include the following:

1. Additional Insured. With respect to such insurance as is afforded by this policy, the City of Manhattan Beach and its officers, employees, elected officials, volunteers, and members of boards and commissions shall be named as additional insured. This additional insured coverage only applies with respect to liability of the named insured or other parties acting on their behalf arising out of the activities of the undertaking specified in paragraph No. 5 below (Indemnification Clause).
2. Cross Liability Clause. The insurance afforded applies separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the company's liability.
3. Occurrence Based Policy. This policy shall be an "occurrence based policy."
4. Primary Insurance. For the risks covered by this endorsement this insurance shall provide primary insurance to the City to the exclusion of any other insurance or self-insurance program the City may carry with respect to claims and injuries arising out of activities of the Contractor or otherwise insured hereunder.
5. Indemnification Clause. The underwriters acknowledge that the named insured shall indemnify and save harmless the City of Manhattan Beach against any and all claims resulting from the wrongful or negligent acts or omissions of the named insured or other parties acting on their behalf in the undertaking specified as (list activity location and date(s) of event to include set-up and cleanup dates):

Section 7 Concrete Repair Project

6. Investigation and Defense Costs. Said hold harmless assumption on the part of the named insured shall include all reasonable costs necessary to defend a lawsuit including attorney fees, investigators, filing fees, transcripts, court reporters, and other reasonable costs of investigation and defense.
7. Reporting Provisions. Any failure to comply with the reporting provisions of the policy shall not affect coverage provided to the City.
8. Cancellation. This policy shall not be cancelled except by written notice to the Risk Manager at: City of Manhattan Beach, 1400 Highland Avenue, Manhattan Beach, CA, 90266, at least thirty (30) days prior to the date of such cancellation.
9. Limits of Liability. This policy shall provide minimum limits of liability of \$1,000,000.00, combined single limit coverage against any injury, death, loss or damage as a result of wrongful or negligent acts or omissions by the named insured.

(AUTO)
(CONTINUED)

10. Scope of Coverage. This policy shall afford coverage at least as broad as Insurance Services Office Form No. CA0001 (Ed 1/78), Code 1 ("any auto") and shall include the following:

A. Auto Liability

- (1) Any auto
- (2) All owned autos (Private Passengers)
- (3) All owned autos (other than Private Passengers)
- (4) Hired autos
- (5) Non-owned autos (for business purposes)
- (6) Other

The limits of liability as stated in this endorsement apply to the insurance afforded by this endorsement notwithstanding that the policy may have lower limits of liability elsewhere in the policy.

This endorsement is effective _____ at 12:01 a.m. and forms a part of Policy No. _____.

Named Insured _____

Name of Insurance Company _____

I, _____ (print/type name), warrant that I have authority to bind the above listed insurance company, and by my signature hereon do so bind this company.

By _____
Signature of Authorized Representative

Approved _____
City Risk Manager Date

PLEASE ATTACH CERTIFICATE OF INSURANCE

ACORDTM

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
5/03/2012

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER BB&T Insurance Services of Orange County 680 Langsdorf Drive Suite 100 Fullerton, CA 92831	CONTACT NAME: Gloria Gabriel or Mary Faber	
	PHONE (A/C, No, Ext): 714-578-7000	FAX (A/C, No): 877-297-1116
E-MAIL ADDRESS:		
INSURED Martinez Concrete Inc. 920 W. Foothill Blvd. Azusa, CA 91702	INSURER(S) AFFORDING COVERAGE	
	INSURER A: Scottsdale Insurance Company <i>A+ XV</i>	NAIC # 41297
	INSURER B: Golden Eagle Insurance Corp <i>A XV</i>	NAIC # 10836
	INSURER C: St. Paul Surplus Lines Ins. <i>A+ XV</i>	NAIC # 30481
	INSURER D: Insurance Company of the West <i>A- IX</i>	NAIC # 27847
	INSURER E:	
INSURER F:		

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO. JECT <input type="checkbox"/> LOC			BCS0027043	03/01/2012	03/01/2013	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000 MED EXP (Any one person) \$Excluded PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COM/PO/ AGG \$2,000,000 \$
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			BA8753044	03/01/2012	03/01/2013	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$10,000			ZUP12S9905612NF	03/01/2012	03/01/2013	EACH OCCURRENCE \$1,000,000 AGGREGATE \$1,000,000 \$
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y/N <input type="checkbox"/> N/A (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			WSD500590401	03/01/2012	03/01/2013	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

RE: Section 7 Concrete Repair Project.
 The City of Manhattan Beach and its officers, employees, elected officials, volunteers, and members of boards and commissions are named additional insured as respects general and auto liability, this insurance is primary and noncontributory with any other insurance of the additional insured, as required by written contract, per endorsements attached.

5/30/12

CERTIFICATE HOLDER City of Manhattan Beach 1400 Highland Ave. Manhattan Beach, CA 90266	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <i>Roger Wisber</i>
---	---

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED – OWNERS, LESSEES OR
CONTRACTORS – AUTOMATIC STATUS WHEN
REQUIRED IN CONSTRUCTION AGREEMENT WITH YOU**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

A. Section II – Who Is An Insured is amended to include as an additional insured any person or organization for whom you are performing operations when you and such person or organization have agreed in writing in a contract or agreement that such person or organization be added as an additional insured on your policy. Such person or organization is an additional insured only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured.

A person's or organization's status as an additional insured under this endorsement ends when your operations for that additional insured are completed.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to:

1. "Bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering of, or the failure to render, any professional architectural, engineering or surveying services, including:
 - a. The preparing, approving, or failing to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; or
 - b. Supervisory, inspection, architectural or engineering activities.
2. "Bodily injury" or "property damage" occurring after:
 - a. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
 - b. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.



ATTACHED TO AND FORMING A PART OF POLICY NUMBER	ENDORSEMENT EFFECTIVE DATE (12:01 A.M. STANDARD TIME)	NAMED INSURED	AGENT NO.
BCS0027043	3/1/12	Martinez Concrete Inc	

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED-OWNERS, LESSEES OR CONTRACTORS
SPECIAL CONDITION**

For coverage provided in the following endorsements as indicated by an "x" in the box below:

- Additional Insured—Owners, Lessees Or Contractors—Scheduled Person Or Organization (CG 20 10).
- Additional Insured—Owners, Lessees Or Contractors—Automatic Status When Required In Construction Agreement With You (CG 20 33).
- Additional Insured—Owners, Lessees Or Contractors—Completed Operations (CG 20 37).

The insurance provided is amended to be (indicated by an "x" in one box below):

- Primary and noncontributory.
- Primary.
- Noncontributory.

COMMERCIAL AUTO GOLD ENDORSEMENT

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

SECTION II - LIABILITY COVERAGE

A. COVERAGE

1. WHO IS AN INSURED

The following is added:

- d. Any organization, other than a partnership or joint venture, over which you maintain ownership or a majority interest on the effective date of this Coverage Form, if there is no similar insurance available to that organization.
- e. Any organization you newly acquire or form other than a partnership or joint venture, and over which you maintain ownership of a majority interest. However, coverage under this provision does not apply:
 - (1) If there is similar insurance or a self-insured retention plan available to that organization; or
 - (2) To "bodily injury" or "property damage" that occurred before you acquired or formed the organization.
- in f. Any volunteer or employee of yours while using a covered "auto" you do not own, hire or borrow your business or your personal affairs. Insurance provided by this endorsement is excess over any other insurance available to any volunteer or employee.
- g. Any person, organization, trustee, estate or governmental entity with respect to the operation, maintenance or use of a covered "auto" by an insured, if:
 - (1) You are obligated to add that person, organization, trustee, estate or governmental entity as an additional insured to this policy by:
 - (a) an expressed provision of an "insured contract", or written agreement; or
 - (b) an expressed condition of a written permit issued to you by a governmental or public authority.
 - (2) The "bodily injury" or "property damage" is caused by an "accident" which takes place after:
 - (a) You executed the "insured contract" or written agreement; or
 - (b) the permit has been issued to you.

2. COVERAGE EXTENSIONS

a. Supplementary Payments.

Subparagraphs (2) and (4) are amended as follows:

(2) Up to \$2500 for cost of bail bonds (including bonds for related traffic law violations) required because of an "accident" we cover. We do not have to furnish these bonds.

(4) All reasonable expenses incurred by the "Insured" at our request, including actual loss of earning up to \$500 a day because of time off from work.

SECTION III - PHYSICAL DAMAGE COVERAGE

A. COVERAGE

The following is added:

5. Hired Auto Physical Damage

or a. Any "auto" you lease, hire, rent or borrow from someone other than your employees or partners members of their household is a covered "auto" for each of your physical damage coverages.

b. The most we will pay for "loss" in any one "accident" is the smallest of:

(1) \$50,000

(2) The actual cash value of the damaged or stolen property as of the time of the "loss"; or

(3) The cost of repairing or replacing the damaged or stolen property with other property of like kind and quality.

If you are liable for the "accident", we will also pay up to \$500 per "accident" for the actual loss of use to the owner of the covered "auto".

c. Our obligation to pay for, repair, return or replace damaged or stolen property will be reduced by an amount that is equal to the amount of the largest deductible shown for any owned "auto" for that coverage. However, any Comprehensive Coverage deductible shown in the Declarations does not apply to "loss" caused by fire or lightning.

d. For this coverage, the insurance provided is primary for any covered "auto" you hire without a driver and excess over any other collectible insurance for any covered "auto" that you hire with a driver.

6. Rental Reimbursement Coverage

based on the rental of a comparable vehicle, which in many cases may be substantially less than \$75 per day, and will only be allowed for a period of time it should take to repair or replace the vehicle with reasonable speed and similar quality, up to a maximum of 30 days. We will also pay up to \$500 for reasonable and necessary expenses incurred by you to remove and replace your materials and equipment from the covered "auto".

If "loss" results from the total theft of a covered "auto" of the private passenger type, we will pay under this coverage only that amount of your rental reimbursement expenses which is not already provided under paragraph **4. Coverage Extension**.

7. Lease Gap Coverage

If a long-term leased "auto" is a covered "auto" and the lessor is named as an Additional Insured - Lessor, in the event of a total loss, we will pay your additional legal obligation to the lessor for any difference between the actual cash value of the "auto" at the time of the loss and the "outstanding balance" of the lease.

"Outstanding balance" means the amount you owe on the lease at the time of loss less any amounts representing taxes; overdue payments; penalties, interest or charges resulting from overdue payments; additional mileage charges; excess wear and tear charges; and lease termination fees.

B. EXCLUSIONS

The following is added to Paragraph 3

The exclusion for "loss" caused by or resulting from mechanical or electrical breakdown does not apply to the accidental discharge of an airbag.

Paragraph 4 is replaced with the following:

4. We will not pay for "loss" to any of the following:

- a. Tapes, records, disks or other similar audio, visual or data electronic devices designed for use with audio, visual or data electronic equipment.
- b. Equipment designed or used for the detection or location of radar.
- c. Any electronic equipment that receives or transmits audio, visual or data signals.

Exclusion 4.c does not apply to:

- (1) Electronic equipment that receives or transmits audio, visual or data signals, whether or not designed solely for the reproduction of sound, if the equipment is permanently installed in the covered "auto" at the time of the "loss" and such equipment is designed to be solely operated by use of the power from the "auto's" electrical system, in or upon the covered "auto"; or
- (2) Any other electronic equipment that is:
 - (a) Necessary for the normal operation of the covered "auto" or the monitoring of the covered "auto's" operating system; or
 - (b) An integral part of the same unit housing any sound reproducing equipment described in (1) above and permanently installed in the opening of the dash or console of the covered "auto" normally used by the manufacturer for installation of a radio.

D. DEDUCTIBLE

The following is added: No deductible applies to glass damage if the glass is repaired rather than replaced.

SECTION IV. BUSINESS AUTO CONDITIONS

A. LOSS CONDITIONS

Item 2.a. and b. are replaced with:

2. Duties In The Event of Accident, Claim, Suit, or Loss

- a. You must promptly notify us. Your duty to promptly notify us is effective when any of your executive officers, partners, members, or legal representatives is aware of the accident, claim, "suit", or loss. Knowledge of an accident, claim, "suit", or loss, by other employee(s) does not imply you also have such knowledge.
- b. To the extent possible, notice to us should include:
 - (1) How, when and where the accident or loss took place;
 - (2) The names and addresses of any injured persons and witnesses; and
 - (3) The nature and location of any injury or damage arising out of the accident or loss.

The following is added to 5.

We waive any right of recovery we may have against any additional insured under **Coverage A. 1. Who Is An Insured g.**, but only as respects loss arising out of the operation, maintenance or use of a covered "auto" pursuant to the provisions of the "insured contract", written agreement, or permit.

B. GENERAL CONDITIONS

9. is added

9. UNINTENTIONAL FAILURE TO DISCLOSE HAZARDS

Your unintentional failure to disclose any hazards existing at the effective date of your policy will not prejudice the coverage afforded. However, we have the right to collect additional premium for any such hazard.

COMMON POLICY CONDITIONS

2.b. is replaced by the following:

- b. 60 days before the effective date of cancellation if we cancel for any other reason.

PROPOSED SECURITY DEPOSITS IN LIEU OF RETENTION

Pursuant to Sections 10263 and 22300 of the Public Contract Code of the State of California, the Contractor shall list below his proposed securities in lieu of retention, or request that payment of retentions be made directly to an escrow agent. Only those securities listed in Section 16430 of the California Government Code are acceptable to the City.

	<u>Security</u>	<u>Expiration Date</u>	<u>Value in Dollars</u>
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			


<u>Escrow Office</u>	<u>Escrow Agent</u>	<u>Address</u>	<u>Telephone</u>
----------------------	---------------------	----------------	------------------

The absence of any proposed security deposits (to be listed above), or information designating an escrow arrangement, and/or the Contractor's signature, shall constitute an acceptance by the Contractor that a five percent (5%) deduction from any and all payments to him shall be withheld by the Agency until the expiration of 35 calendar days from the date of acceptance by the Agency, of the work as complete. Monies withheld by the Agency shall bear no interest payable to the Contractor upon their release.

Contractor:

SEC./TREAS.
Title

ROBERT MARTINEZ
Name


Signature

PROGRESS PAYMENT REQUEST FORM

TO: CITY OF MANHATTAN BEACH
 Public Works Department, 3621 Bell Avenue, Manhattan Beach, CA 90266

FROM: PROJECT TITLE Section 7 Concrete Repair Project

PROJECT NO. _____

FROM: Contractor _____ Date _____

Address _____

Telephone _____ Progress Estimate No. _____

Submitted by: _____ Contract Award Amount \$ _____

No.	Description	Contract Quantity	Previous Quantity	Quantity This Estimate	Unit Price	Amount This Estimate	Total Quantity To Date	Total Amount To Date
1.								
2.								
3.								
4.								
5.								
6.								
7.								
8.								
9.								
10.								
11.								
12.								
13.								
14.								
15.								
	Total							
	Less Retention							
	Less Previous Billing(s)							
	Total Amount Due							

City Approval: _____ Date: _____

SPECIAL PROVISIONS

The Standard Specifications of the Agency are contained in the latest Edition of the Standard Specifications for Public Works Construction, including all supplements, as written and promulgated by the Joint Cooperative Committee of the Southern California Chapter of the Associated General Contractors of California. Copies of these Standard Specifications are available from the publisher, Building News, Incorporated, 3055 Overland Avenue, Los Angeles, California, 90034, telephone (310) 202-7775.

The Standard Specifications set forth above will control the general provisions, construction materials, and construction methods for this contract except as amended by the Plans, Special Provisions, or other contract documents. The following Special Provisions are supplementary and in addition to the provisions of the Standard Specifications unless otherwise noted and the section numbers of the Special Provisions coincide with those of the said Standard Specifications. Only those sections requiring elaborations, amendments, specifying of options, or additions are called out. Should there be any discrepancies between the following provisions and the Standard Specifications For Public Works Construction (Latest Edition), the provisions contained herein shall control.

PART 1

GENERAL PROVISIONS

Section 1 - Terms and Definitions

Definitions:

Whenever in the Standard Specifications or the Special Provisions the following terms are used, they shall be understood to mean and refer to the following:

- AGENCY: CITY OF MANHATTAN BEACH
- BOARD: CITY COUNCIL OF THE CITY OF MANHATTAN BEACH
- CITY: CITY OF MANHATTAN BEACH
- ENGINEER: DIRECTOR OF PUBLIC WORKS OF THE CITY OF MANHATTAN BEACH, acting either directly or through properly authorized agents, such agents acting within the scope of the particular responsibilities entrusted to them.
- INSPECTOR: That person or persons designated by the Engineer.
- LABORATORY: The designated laboratory or laboratories authorized by the ENGINEER to test materials and work pertinent to the performance of the contractual work.

Other terms appearing in the Standard specifications shall have the intent and meaning specified therein.

Section 2 - Scope and Control of the Work

2-3.3 Subcontractors Add the following subsections:

Subcontractors shall be listed by the bidder in accordance with these specifications and must be properly licensed under the laws of the State of California for the type of work which they are to perform.

2-3.4

Subcontractor whose prosecution of the work is not satisfactory shall be terminated immediately by the Contractor upon the receipt of a written notice by the Engineer. Subcontractors whose work was determined to be unsatisfactory shall not be allowed to perform any work on the job site.

2.4 Contract Bonds

Add the following to the first paragraph:

All bonds used to satisfy the Agency's requirements shall have a current A.M. Best's rating of not less than A-:VII unless otherwise approved by the City.

Substitute the following for the third paragraph:

As a part of the execution of this contract, the Contractor shall furnish to the City a bond of a surety company acceptable to the City, in a sum of one hundred percent (100%) of the total contract amount, as the sum set forth in the agreement for payment in full of all persons, companies, or corporations who perform labor upon or furnish material to be used in the work under this contract. Said bond shall be in the form of the Labor and Material Bond contained within these Specifications.

Substitute the following for the fourth paragraph:

As a part of the execution of this contract, the Contractor shall furnish to the City a bond payable to the City in the form of a Faithful Performance Bond as set forth in these Specifications. The performance bond shall be secured by a surety company acceptable to the City, conditioned upon the faithful performance of all covenants and stipulations under this contract. The amount of the bond shall not be less than one hundred percent (100%) of the total contract amount, as this sum is set forth in the agreement.

Add the following paragraph to this section:

As a condition precedent to the completion of this contract, the Contractor shall furnish a bond of a surety company acceptable to the City in the amount equal to ten percent (10%) of the total contract amount to hold good for a period of one (1) year after the completion and acceptance of the work to protect the City against the results of defective materials, workmanship, and equipment during that time. This bond shall be delivered to the City prior to issuance of final payment under this contract. Said bond shall be in the same form as the form of Defective Materials, Workmanship, and Equipment Bond contained within these Specifications.

2-5.2 Precedence of Contract Documents This section shall be revised to read:

The order of precedence of documents shall be:

- First: Requirements of law.
- Second: Permits from other agencies as may be required by law.
- Third: Permits from the City of Manhattan Beach as may be required by law.
- Fourth: Special Provisions.
- Fifth: Contract Plans.
- Sixth: Standard Plans.
- Seventh: Standard Specifications.
- Eighth: Reference Specifications.

Change orders, supplemental agreements, and approved revisions to Plans and Specifications shall take precedence over documents listed above, except those listed as First, Second, and Third. Detailed plans shall have precedence over general plans. Reference Specifications or sections thereof, when cited in the Special Provisions, shall, by that reference, become a portion of the Special Provisions and be ranked in precedence of documents accordingly.

2-6 Work To Be Done

The following paragraphs shall be added following paragraph one:

All work which is defective in its construction or deficient in any of the requirements of the Plans and Specifications shall be remedied or removed and replaced by the Contractor in an acceptable manner at his own expense. No compensation will be allowed for any work done beyond the lines and grades shown on the Plans or established by the Engineer. Upon failure on the part of the Contractor to comply with any order of the Engineer made under the provisions of this article, the Engineer and City may cause the defective work to be remedied or removed and replaced at the expense of the Contractor.

Any unauthorized or defective work, defective material or workmanship or any unfaithful or imperfect work that may be discovered before final acceptance of work by the board shall be corrected immediately with no extra charge even though it may have been overlooked in previous inspections and estimates or may have been caused due to failure to inspect the work.

2-9.1 Permanent Survey Markers

Substitute the following for the first paragraph:

Contractor is responsible for preservation and/or perpetuation of all existing monuments which control subdivisions, tracts, boundaries, streets, highways, other rights-of-way, easements, or provide survey control which will be disturbed or removed due to Contractor's work. Contractor shall provide a Land Surveyor or a Registered Civil Engineer authorized to practice land surveying within the state prior to disturbance or removal of existing monuments. The Contractor's Registered (licensed) Land Surveyor or Registered Civil Engineer authorized to practice within the state shall coordinate with contractor to reset monuments or provide permanent witness monuments and file the required documentation with the Office of the County Surveyor

pursuant to Business and Professions Code Section 8771.

2-10 Authority of Boards and Inspectors

Substitute the following for the second paragraph:

The Engineer shall decide any and all questions which may arise as to the quality or acceptability of materials furnished and work performed, and as to the manner of performance and rate of progress of the work; all questions which arise as to the interpretation of the Plans and Specifications; all questions as to the acceptable fulfillment of the contract by the Contractor; and all questions as to claims and compensation.

Add the following paragraphs:

2-10.1 Inspection

An inspector shall in no case act as foreman or perform other duties for the Contractor, nor interfere with the Contractor's management of the work. Any advice which an inspector may give the Contractor shall not be binding to the Engineer or to the City, or release the Contractor from fulfilling all the terms of the contract.

No partial payment, inspection, taking possession of, or other act made or done by the Engineer or the City with respect to the work prior to final completion and acceptance thereof shall affect or prejudice the right of the Engineer or the City to reject any defective work or material or to require the complete fulfillment of all the provisions of the contract.

If the Engineer deems it expedient and not in the best interest of the City to correct work injured or done not in accordance with the contract, the defective work may be accepted subject to an equitable deduction from the contract price which may be made therefor by the City upon certification from the Engineer.

Reexamination of any work may be ordered by the Engineer at any time prior to final acceptance and, if so ordered, the work must be uncovered by the Contractor. If such work be found in accordance with the contract, the City will pay the cost of reexamination and replacement. If such work be found defective or not in accordance with the contract, the Contractor shall pay such costs.

2-10.2 Cooperative with Other Work.

The City may award other contracts for additional work, and the Contractor shall fully cooperate with such other Contractors and carefully fit Contractor's own work to that provided under the contracts as may be directed by the Engineer. The Contractor shall not commit or permit any act which will interfere with the performance of work by any other Contractor.

Section 3 - Changes in Work

3-2 Changes Initiated by Agency.

3-2.2.1 Delete this section. Replace with the following:

Increase or decrease in quantities shall be based on the contract's unit prices.

3-3 Extra Work.

3-3.1 General

Add the following at the end of Subsection 3-3.1:

Any extra work must be authorized by the Engineer and payment thereto shall be based on prevailing construction prices in the locality. Any extra work performed by the Contractor without prior authorization shall be considered included in the cost of the bid items mentioned in the Contractor's Proposal and no separate payment shall be made therefor.

If extra work is performed and payment is based on labor, materials, and equipment costs, the Contractor may not include in the labor costs, wages paid to supervisory personnel whose presence on the job site would normally be required.

3-3.2.3 Delete this section. Replace with the following:

(a) **Work by Contractor.** The following percentages shall be added to the Contractor's costs and shall constitute the markup for all overhead and profits:

- 1) Labor 20
- 2) Materials 15
- 3) Equipment Rental 15
- 4) Other Items and Expenditures 15

To the sum of the costs and markups provided for in this subsection, 1 percent shall be added as compensation for bonding.

(b) **Work by Subcontractor.** When all or any part of the extra work is performed by a Subcontractor, the markup established in 3-3.2.3(a) shall be applied to the Subcontractor's actual cost of such work. A markup of 10 percent on the first \$5,000 of the subcontracted portion of the extra work and a markup of 5 percent on work added in excess of \$5,000 of the subcontracted portion of the extra work may be added by the Contractor.

Section 7 - Control of Materials

4-1.1 General

Substitute the following for the first paragraph:

All materials used in the construction of the improvements under this contract shall be new and of properties best suited for the work required. Wherever applicable, materials shall conform to the latest Standards of the American Society for Testing Materials. All workmanship in the fabrication, assembly and construction of materials

and equipment shall be neat and workmanlike in every respect. All equipment offered shall be of the manufacturer's latest design.

Add at the end of Section 7-1:

4-1.9 Warranties, Guarantees, and Instruction Sheets

All equipment, materials, and workmanship furnished under this contract shall be guaranteed for a period of one (1) year from the date of acceptance thereof against all defects that might render the work unsatisfactory during its normal operation. Defective materials and workmanship which become apparent during the guarantee period shall be replaced by the Contractor at his expense, together with the repair or replacement of any adjacent work, which may have been damaged by reason of the defective material, or during the process of its repair or replacement.

Manufacturer's warranties and guarantees furnished for materials used in the work, instruction sheets, and parts lists supplied with materials shall be delivered to the Engineer prior to acceptance of the project.

Section 5 - Utilities

5-1 Location

Add at the end of Subsection 5-1.

The location of existing piping and underground utilities, such as sewer, buried telephone, cable television, water mains, electric duct lines, etc., as shown on the contract drawings have been determined from the best available information, by actual surveys or furnished and taken from the records of the parent utility companies and drawings of existing facilities. However, the City does not assume the responsibility that record information as furnished by the utility companies and drawings of existing facilities is complete, accurate, and in sufficient detail to adequately locate all facilities within the construction area. The Contractor shall verify the detailed locations of all facilities as shown on the plans prior to starting work in the area.

5-2 Protection

Add the following paragraphs at the end of Subsection 5-2:

At least two working days prior to commencing work within the area, the Contractor shall request the utility owners to identify or otherwise indicate the location of their subsurface facilities. It shall be the Contractor's responsibility to determine the location and depth of all utilities including service connections which have been marked by the representative owners and which he believes may affect or be affected by the work. Full compensation for the ascertainment of utility locations and depths shall be considered included in the prices bid for the other items of work.

All utilities shall be notified by the Contractor in advance, according to their respective advance notice requirements, prior to excavating adjacent to, altering, or in any way modifying their facilities. The Contractor, at his expense, shall maintain in service

all existing utilities. Should interruption of such utilities become necessary, the property owners and residents affected shall be notified 48 hours before the interruption.

The Contractor shall protect, support, or perform any other work necessary in order to maintain the operation of utilities in the proximity of the work area. The Contractor shall inform the Engineer in writing of all utilities omitted from or shown incorrectly on the contract plans. The Contractor shall not be entitled to damages or additional payment for delays attributable to utility relocations or alterations not shown or incorrectly delineated on the contract plans. The Contractor shall conduct his operations so as to permit access to the work site by any affected utility necessary for the relocation or modification to the utility system at no cost to the City.

Any interference by the Contractor with City-owned facilities such as, but not limited to, sewer, water, or storm drain that, in the opinion of the Engineer, creates a safety or health hazard and is not quickly repaired, said damaged facilities may be repaired by City forces and all costs of these repairs will be deducted from contract payments.

Section 6 - Prosecution, Progress and Acceptance of the Work

Add the following to Section 6-2:

6-2.1 Excess Cost of City Personnel and Inspection Personnel

For any overtime or emergency work beyond a regular eight (8) hour day and for any work performed on Saturday, Sunday, or holidays, the charges for City personnel, including inspection, required on the job site shall be the responsibility of the Contractor and all costs therefor shall be deducted from the payments due the Contractor. The cost of the City personnel shall be computed pursuant to adopted City salary schedules, overtime policies, fringe benefits, and overhead costs.

6-3.1 General

Add the following paragraph following paragraph one:

In the event a suspension of work is ordered because of failure on the part of the Contractor to carry out orders given or to perform any provisions of the work, such suspension of work shall not relieve the Contractor of his responsibility to complete the work within the time limit set forth herein and shall not be considered cause for extension of the time for completion, and further, such suspension of work shall not entitle the Contractor to any additional compensation.

Add at the end of Section 6-7.2

6-7 Time of Completion.

6-7.1 Generally the time of completion shall be as noted on the Contractor's Proposal.

6-7.2.1 Hours of Work

The Contractor shall not conduct any operations or perform any work pertaining to the project as defined herein, between the hours

of 5:00 p.m. and 7:30 a.m. on any day nor on Saturday, Sunday, or holidays at any time except as approved by the Engineer. In the event that the Contractor abuses the hours of work requirement, a written warning will follow. After each additional warning, a \$200.00 penalty will be deducted from the contract amount.

6-9 Liquidated Damages

The liquidated damages value is hereby amended to be \$500 per day.

Section 7 - Responsibilities of the Contractor in the Conduct of His Work

Revise to read as follows:

7-3 Public Liability and Property Damage Insurance

Delete section 7-3 and replace with the following:

Insurance Requirements.

Commencement of Work. CONTRACTOR shall not commence work under this Agreement until it has obtained CITY approved insurance. Before beginning work hereunder, during the entire period of this Agreement, for any extensions hereto, and for periods after the end of this Agreement as indicated below, CONTRACTOR must have and maintain in place, all of the insurance coverages required in this Section 7. CONTRACTOR'S insurance shall comply with all items specified by this Agreement. Any subcontractors shall be subject to all of the requirements of this Section 7 and CONTRACTOR shall be responsible to obtain evidence of insurance from each subcontractor and provide it to CITY before the subcontractor commences work.

All insurance policies used to satisfy the requirements imposed hereunder shall be issued by insurers authorized to do business in the State of California. Insurers shall have a current A.M. Best's rating of not less than A-:VII unless otherwise approved by CITY.

Coverages, Limits and Policy Requirements. CONTRACTOR shall maintain the types of coverages and limits indicated below:

(1) COMMERCIAL GENERAL LIABILITY INSURANCE - a policy for occurrence coverage, including all coverages provided by and to the extent afforded by Insurance Services Office Form CG 0001 ed. 11/88 or 11/85, with no special limitations affecting CITY. The limit for all coverages under this policy shall be no less than one million dollars (\$1,000,000.00) per occurrence. CITY, its employees, officials and agents, shall be added as additional insureds by endorsement to the policy. The insurer shall agree to provide the City with thirty (30) days prior written notice of any cancellation, non-renewal or material change in coverage. The policy shall contain no provision that would make this policy excess over, contributory with,

or invalidated by the existence of any insurance, self-insurance or other risk financing program maintained by CITY. In the event the policy contains such an "other insurance" clause, the policy shall be modified by endorsement to show that it is primary for any claim arising out of the work performed under this Agreement. The City of Manhattan Beach Insurance Endorsement Form No. 1 (General Liability) must be executed by the applicable insurance underwriters.

(2) COMMERCIAL AUTO LIABILITY INSURANCE - a policy including all coverages provided by and to the extent afforded by Insurance Services Office form CA 0001, ed. 12/93, including Symbol 1 (any auto) with no special limitations affecting the CITY. The limit for bodily injury and property damage liability shall be no less than one million dollars (\$1,000,000) per accident. CITY, its employees, officials and agents, shall be added as additional insureds by endorsement to the policy. The insurer shall agree to provide the City with thirty (30) days prior written notice of any cancellation, non-renewal or material change in coverage. The policy shall contain no provision that would make this policy excess over, contributory with, or invalidated by the existence of any insurance, self-insurance or other risk financing program maintained by CITY. In the event the policy contains such an "other insurance" clause, the policy shall be modified by endorsement to show that it is primary for any claim arising out of the work performed under this Agreement. The City of Manhattan Beach Insurance Endorsement Form No. 2 (Auto) must be executed by the applicable insurance underwriters.

(3) WORKERS' COMPENSATION INSURANCE - a policy which meets all statutory benefit requirements of the Labor Code, or other applicable law, of the State of California. Employers Liability Insurance with a minimum limit of no less than one million dollars (\$1,000,000) per claim. The policy shall contain, or be endorsed to include, a waiver of subrogation in favor of CITY.

Additional Requirements. The procuring of such required policies of insurance shall not be construed to limit CONTRACTOR'S liability hereunder, nor to fulfill the indemnification provisions and requirements of this Agreement. There shall be no recourse against CITY for payment of premiums or other amounts with respect thereto. Any deductibles or self-insured retentions must be declared to and approved by CITY. Any deductible exceeding an amount acceptable to CITY shall be subject to the following changes:

- (1) either the insurer shall eliminate, or reduce, such deductibles or self-insured retentions with respect to CITY and its officials, employees and agents (with additional premium, if any, to be paid by CONTRACTOR); or

- (2) CONTRACTOR shall provide satisfactory financial guarantee for payment of losses and related investigations, claim administration, and defense expenses.

Verification of Compliance. CONTRACTOR shall furnish CITY with original endorsements effecting coverage required by this Agreement. The endorsements are to be signed by a person authorized by the insurer to bind coverage on its behalf. All endorsements are to be received and approved by CITY before work commences. Not less than fifteen (15) days prior to the expiration date of any policy of insurance required by this Agreement, CONTRACTOR shall deliver to CITY a binder or certificate of insurance with respect to each renewal policy, bearing a notation evidencing payment of the premium therefor, or accompanied by other proof of payment satisfactory to CITY.

7-3.1 Contractor's Responsibility for Work

Except as provided above, until the formal acceptance of the work by the City Council, the Contractor shall have the charge and care thereof and shall bear the risk of injury or damage to any part thereof by the action of the elements or from any other cause, whether arising from the execution or from the non-execution of the work. The Contractor shall rebuild, repair, restore, and make good all injuries or damages to any portion of the work occasioned by any of the above causes before final acceptance and shall bear the expense thereof.

7-3.2

The Contractor shall indemnify and save harmless the City of Manhattan Beach, the City Council, inspection personnel, and the Engineer from any suits, claims, or actions brought by any person or persons for or on account of any injuries or damages sustained or arising in the construction of the work or in consequence thereof. The City Council may retain so much of the money due the Contractor as shall be considered necessary, until disposition has been made of such suits or claims for damages as aforesaid.

7-3.3 Responsibilities for Damage

The City of Manhattan Beach, the City Council, inspection personnel, and the Engineer shall not be answerable or accountable in any manner for any loss or damage that may happen to the work or any part thereof; or for any material or equipment used in performing the work; or for injury or damage to any person or persons, either workmen or the public; for damage to adjoining property for any cause whatsoever.

7-5 Permits and Licenses

Revise to read:

The Contractor shall procure all permits and licenses (including a City of Manhattan Beach business license), pay all charges and fees, and give all notices necessary and incidental to the due and lawful prosecution of the work. All City of Manhattan Beach permits required for the performance of the contract shall be issued on a "no fee" basis. Permits required by other agencies shall be obtained by the

City for all work within the City of Manhattan Beach.

Section 8 - Facilities for Agency Personnel

8-1 General.

The Contractor need provide no separate facilities for agency personnel, however, he shall permit unlimited use by the Engineer or his duly authorized representative of any field office, toilet facility, or other temporary job site facility.

Section 9 - Measurement and Payment

9-3 Payment

9-3.1 General

Add at the end of this Subsection:

Whenever the Contractor is required to perform work or furnish equipment, labor, tools, and materials of any class for which no price is fixed in the proposal, it shall be understood that such work, equipment, labor, tools, and material shall be provided without extra charge, allowance, or direct payment of any kind. The cost of performing such work or furnishing such equipment, labor, tools, and materials shall be included in the unit bid prices in the proposal most closely related to the work and no additional compensation will be made therefor.

If any portion of the work done or materials furnished under the contract shall prove defective or not in accordance with the Specifications and contract drawings, and if the imperfection in the same shall not be of sufficient magnitude or importance to make the work dangerous or undesirable, the Engineer shall have the right and authority to retain the work instead of requiring it to be removed and reconstructed, but he shall make such deductions therefor in the payment due the Contractor as may be just and reasonable.

9-3.2 Partial & Final Payment

Delete and replaced with the following:

In accordance with these Specifications, the monthly payment date is hereby set as the second Wednesday following the first Tuesday of each month. If the above date falls on a holiday, the payment date shall be the first subsequent working day.

The Contractor shall prepare and submit the form attached herewith (See Page 25) or his own form, in an identical format, to the Engineer for all requests for progress payments for the work performed in accordance with the provisions of the contract during the preceding month. The progress payment request shall be submitted no later than thirteen (13) working days prior to the monthly payment dates established above. Late submittals shall be held for consideration by the City Council at the next regularly scheduled meeting.

The City will make partial payment to the Contractor for the work performed; said partial payment will be made in accordance with the certified estimate approved by the Engineer as set forth herein. The

City will retain 5% of the amount of each such estimate until 35 days after the date on which the project is accepted as complete and until all obligations of the Contractor pursuant to the contract have been discharged.

The City may withhold payments to the Contractor including, but not limited to, retained percentage, liquidated damages, defective work not remedied, and reasonable doubt that this contract can be completed for the balance then unpaid, excess cost of City personnel and inspection personnel, and other valid claims against the Contractor.

Acceptance by the Contractor of said payment made in accordance with said final estimate shall be a release to the City, its officers, agents, and employees excepting only claims against the City for any amount withheld by it at the time of such payment.

Section 10 - Special Project Site Maintenance and Public Convenience and Safety

Section 10 is hereby added to the Standard Specifications as follows:

Pursuant to the provisions of Section 7-8 and Section 7-10 of the Standard Specifications and these Special Provisions, the Contractor is responsible for project site maintenance and for public convenience and safety. Payment for compliance with these provisions is considered as included in the prices bid for other contract items.

The City, however, to maintain good public relations, may deem it necessary to require special project site maintenance and public convenience and safety actions and work to be performed by the Contractor that are over and above those required by the provisions of Section 7-8 and Section 7-10 of the Standard Specifications and these Special Provisions.

These actions and work shall be as directed by the Engineer in writing and payment for compliance therewith shall be on a cost plus basis for extra work per Section 3-3 of the Standard Specifications and applied against the not-to-exceed bid item for "Special Project Site Maintenance and Public Convenience and Safety."

Section 11: Construction and Demolition Waste Management Plan

Section 11.1 General

To ensure that solid waste generated in the City of Manhattan Beach is reduced, reused or recycled, contractor shall submit a "Waste Management Plan" (WMP) to the Engineer for review and approval. After the WMP has been reviewed by the Engineer, it will be returned to the Contractor in one of the following four (4) status conditions:

- "Approved"

- "Further Explanation Required": The Engineer will return the WMP to the Contractor with questions about the WMP. Contractor shall resubmit plan with each of the City's questions answered thoroughly.
- "Denied": The Engineer will indicate the reasons for denial. The Contractor shall then re-submit a new WMP that complies with the requirements of this article or request an Infeasibility Exemption.
- "Infeasibility Exemption Approved"

The Contractor shall follow the WMP and document results during demolition and construction. Final documentation shall be submitted at the end of the project to the Engineer for review of compliance with the original WMP. The amount deducted from the final estimate and retained by the City in accordance with Section 9.3.1 and 9.3.2 shall be withheld until final WMP is submitted to the City and approved by City.

Section 11.2 Definitions

- "Construction" means the building of any facility or structure or any portion thereof including any tenant improvements to an existing facility or structure.
- "Construction and Demolition Debris" means used or discarded materials removed from premises during construction of project.
- "Conversion Rate" means the rate set forth in the standardized Conversion Rate Table approved by the City Council pursuant to this Section for use in estimating the volume or weight of materials identified in a Construction and Demolition Waste Reduction and Recycling Plan.
- "Divert" means to use material for any purpose other than disposal in a landfill. Diversion credit is given for source reduction (waste reduction), recycling, and composting.
- "Diversion Requirement" means the diversion of at least fifty (50) percent of the total Construction and Demolition Debris generated by a Project via reduction (source reduction), reuse or recycling, unless the Contractor has been granted an Infeasibility Exemption, in which case the Diversion Requirement shall be the maximum feasible diversion rate established by the Engineer.
- "Recycling" means the process of collecting, sorting, cleansing, treating, and reconstituting materials that would otherwise become solid waste, and returning them to the economic mainstream in the form of raw material for new, reused, or reconstituted products which meet the quality standards necessary to be used in the marketplace.
- "Renovation" means any change, addition, or modification in an existing structure.
- "Reuse" means further or repeated use of Construction or Demolition Debris. An example is the reuse of crushed concrete as road base or as aggregate on the construction site.
- "Salvage" means the controlled removal of Construction or Demolition Debris from project for the purpose of recycling, reuse, or storage for later recycling or reuse.
- "Construction and Demolition Waste Management Plan" means a completed form, approved by the Engineer for the purpose of compliance with this Article, submitted by the

Contractor/Contractor for any Covered or Noncovered Project that indicates the estimated diversion that the Contractor/Contractor anticipates in diverting from disposal.

k) "Construction and Demolition Waste Management Report" means a completed form, approved by the Engineer for the purpose of compliance with this Section, submitted by the Contractor for any Project that documents the disposal and diversion tonnages and destinations.

Section 11.3 Infeasibility Exemption

a. Application: If the Contractor experiences unique circumstances that the Contractor believes make it infeasible to comply with the Diversion Requirement, the Contractor shall apply for an exemption at the time that he or she submits the WMP. The Contractor shall indicate on the WMP the maximum rate of diversion the Contractor believes is feasible for each material and the specific circumstances that the Contractor believes make it infeasible to comply with the Diversion Requirement.

b. The Engineer shall review the information supplied by the Contractor and may meet with the Contractor to discuss possible ways of meeting the Diversion Requirement. Based on the information supplied by the Contractor, the Engineer shall determine whether it is possible for the Contractor to meet the Diversion Requirement.

c. If the Engineer determines that it is infeasible for the Contractor to meet the Diversion Requirement due to unique circumstances, the Engineer shall determine the maximum feasible diversion rate for each material and shall indicate this rate on the WMP submitted by the Contractor. The Engineer shall return a copy of the WMP to the Contractor marked "Infeasibility Exemption Approved."

d. Denial of Exemption: If the Engineer determines that it is possible for the Contractor to meet the Diversion Requirement, the Engineer shall so inform the Contractor in writing. The Contractor will have 15 days to resubmit a new WMP. If the Contractor fails to resubmit a new WMP, or if the resubmitted WMP does not comply with the requirements of the plan, the Engineer shall deny the WMP.

Section 11.4 Diversion Measurement

The methodology used to calculate diversion is based on the Title 14, California Code of Regulations, Article 6.1 Solid Waste Generation Study, Section 18722 et seq, and is consistent with California Integrated Waste Management Board measurement protocols. The following equation defines the "Generation-Based Diversion Quantification Methodology":

$$\begin{aligned} \text{Generation} &= \text{Disposal} + \text{Diversion} \\ \text{Diversion Rate (\%)} &= \frac{\text{Diversion Tons}}{\text{Generation Tons}} \end{aligned}$$

Section 11.5 Additional Information

Other materials to assist the Contractor in completing the WMP can be found on the City of Manhattan Beach's website at www.citymb.info.

- Construction and Demolition Debris Recycling Guide
- Construction and Demolition Recycling Brochure

The California Integrated Waste Management Board has also developed Technical Assistance Literature regarding construction and demolition waste reduction

and recycling, which is available on-line at <http://www.ciwmb.ca.gov/ConDemo/>.

CITY OF MANHATTAN BEACH

Construction & Demolition Waste Management Plan

Contractor shall list all materials that will be reused, recycled or disposed from project.

The required goal is to reuse or recycle at least 50% of project waste

Use **tons** to quantify total estimated waste and percentages of materials (see conversion table below).

Ask your hauler, recycler or site cleanup vendor to assist you with this WMP.

A COPY OF THIS WMP AND RECEIPTS OF ALL RECYCLING AND DISPOSAL SHALL BE SUBMITTED BEFORE FINAL PAYMENT WILL BE MADE BY THE CITY.

Project Name: _____

Location: _____

Type of Project: Street Improvement Water Main Sewer Main

Storm Drain Other

Total Bid Price: \$ _____

Requesting Infeasibility Exemption: Yes No

Contractor Name: _____ Contact Name: _____

Address: _____ Contact Phone: _____

Recycler: _____ Recycler Contact: _____

Recycler Address: _____ Recycler Contact Phone: _____

CITY USE ONLY	
Application (Date)	Final (Date)
Approved	_____
Further explanation needed (see attached)	_____
Denied	_____
Infeasibility Exemption Approved	_____
Reviewed By	_____

Submit this form and the attached Waste Management Plan Table to:

**Engineering Division
City of Manhattan Beach
1400 Highland Avenue
Manhattan Beach, CA 90266**

CITY OF MANHATTAN BEACH

Construction & Demolition Waste Management Plan Table

Project Name: _____

Total Estimated Waste Generated by Project: _____ (in tons).
 (Ask your hauler, recycler or site cleanup vendor to assist you. Use receipts from your previous jobs for estimates)

Complete and return with Building Permit Application			Complete and return with receipts prior to final building approval		
Material Type	Estimated Reused/ Recycled	Estimated Disposed/ Landfilled	Actual Reused/ Recycled	Actual Disposed/ Landfilled	Vendor or Facility Used (Destination)
Asphalt & Concrete					
Bricks/Masonry/Tiles					
Building Materials (doors, windows, fixtures, etc.)					
Cardboard					
Concrete Pavement and Grindings					
Drywall (new, unpainted)					
Asphalt Pavement Grindings					
Landscape Debris (Plant & Tree Trimmings)					
Scrap Metal					
Unpainted Wood & Pallets					
Other (painted wood & drywall, roofing, etc.)					
Mixed C&D*					
Trash/Garbage					
TOTAL					

If you are requesting an infeasibility exemption and the estimated amount reused/recycled is less than 50%, please explain why (attach additional sheets if necessary):

If the actual amount reused/recycled is less than 50%, please explain why:

* *Mixed C&D* is defined as a mixture of three or more materials (e.g. wood, drywall, roofing, etc.) from construction or demolition sites that will be taken to a "qualified" facility for recycling (See C&D Debris Recycling Guide).

Prepared by (please print): _____ Date: _____

Contractor Signature: _____ Phone Number: _____

Conversion Rates

The following conversion rates are estimates. The ranges vary widely, depending on how the materials are handled (compacted, loose, chipped, etc.). Use the conversion factors and receipts from any previous projects to help you estimate the potential amount of materials and diversion. Take into consideration the type and load of vehicles that will be used to haul the materials. Ask your hauler or recycler to assist you in estimating these numbers.

Material	Lbs/cy	Tons/cy
Asphalt	1,400 lbs/cy	0.7 tons/cy
Brick	2,430 lbs/cy	1.21 tons/cy
Cardboard	100 lbs/cy	0.05 tons/cy
Concrete	2,600 lbs/cy (Sources range from 1,000 to 4,000)	1.3 tons/cy
Dirt/Soils	2,660 lbs/cy	1.33 tons/cy
Drywall	700 lbs/cy	0.35 tons/cy
Wood (chipped)	300 - 650 lbs/cy	0.15 – 0.3 tons/cy
Mixed C&D Debris	900 lbs/cy	0.45 tons/cy
Mixed Waste/Trash	100 - 350 lbs/cy	0.5 - 0.175 tons/cy

PART 2
CONSTRUCTION MATERIALS

Section 201 - Concrete, Mortar, and Related Materials

201-1 Portland Cement Concrete

201-1.1 Requirements

201-1.1.1 General

The following paragraph shall be added following paragraph 3:

The Contractor shall furnish the Engineer with a copy of the mix design to be used and with a legible, certified weight-master's certificate for each load of P.C.C. delivered to the project. Portland cement concrete delivered to the project site having a water content and/or slump greater than that specified in the mix design shall be rejected and removed from the project site.

201-1.1.2 Concrete Specified by Class

Portland Cement Concrete to be of Concrete Class No. 565-C. For curb and gutter, swales, catch basins, etc. 520-C -2500 shall be used for all wheelchair ramps, sidewalks and driveways.

Section 203 - Bituminous Materials

203-6 Asphalt Concrete

203-6.1 General

The following paragraph shall be added following paragraph 2:

Asphalt concrete shall be Class and Grade C2-AR-4000 for overlays and finish courses and Class and Grade B-AR-4000 for base courses.

PART 3

CONSTRUCTION METHODS

300-1.3.2(b) Concrete Pavement

Add the following:

Removed concrete shall be taken by the Contractor to a concrete recycling/crushing facility approved to accept the material. The Contractor shall submit weight tickets from the facility to the Engineer. All costs relative to concrete recycling shall be included in the Bid for the items of work necessitating such removals.

300-1.3.2(c) Concrete Curb, Walk, Gutters, Cross Gutters, Driveways, and Alley Intersections

Add the following:

Removed concrete shall be taken by the Contractor to a concrete recycling/crushing facility approved to accept the material. The Contractor shall submit weight tickets from the facility to the Engineer. All costs relative to concrete recycling shall be included in the Bid for the items of work necessitating such removals.

302-5.2.3 Removal and Disposition of Material

Add the following:

Should the contractor use the material on another project or dispose of it at a recycling facility, the Contractor shall submit weight tickets to the Engineer which reflect the amount of material reused or recycled. All costs relative to material recycling shall be included in the Bid for the items involved.

302-5.4 Tack Coat

The first sentence of the first paragraph shall be revised by deleting the following:

"either AR1000 paving asphalt at an approximate rate of 0.05 gallon per square yard (0.25 L/M2) or."

Paragraph 3 shall be revised by deleting the following:

"either and/or AR1000 paving asphalt."

Section 303 - Concrete and Masonry Construction

303-5 Concrete Curbs, Walks, Gutters, Cross Gutters, Alley Intersections, Access Ramps and Driveways

303-5.1 Requirements

303-5.1.1 General

The second paragraph shall be deleted and replaced with the following:

The thickness of sidewalks, gutters, cross gutters, alley intersections, access ramps, and driveway aprons shall be as shown on the plans.

Areas of miscellaneous concrete adjacent to or behind sidewalks and driveways shall be considered as a walk for the purpose of these Specifications.

No concrete shall be ordered and/or poured until the forms and subgrade have been inspected and approved by the Engineer in the field.

All pullboxes, water meter boxes, and water valve covers shall be adjusted to proposed finish grade and approved by the Engineer in the field prior to placement of the concrete: i.e., curbs, walks, gutters, etc.

Add the following:

303-5.1.4 Maximum Amount of Open Formwork Allowed

Except by permission of the Engineer, the maximum amount of open formwork allowed where concrete driveway and/or sidewalk is to be placed, shall be no more than 1,500 square feet at any time. The square footage is the collective area of formwork at all locations.

No formwork shall be allowed to remain open over a weekend. All concrete placement operations shall be completed before a weekend. Complete is defined as all debris and formwork having been removed, all concrete placed, and all existing improvements having been restored and/or replaced in kind at the Contractor's expense.

Concrete placement operations shall be executed so that all concrete placed shall be completed by 4:30 p.m. of any work day.

303-5.6 Curing

The first paragraph shall be deleted and replaced with the following:

Immediately after finishing operations are completed, Type 2 concrete curing compound shall be applied at a rate of one gallon per 150 square feet.

303-5.7 Repairs and Replacements

The following paragraph shall be added at the end of paragraph one:

The Contractor shall protect fresh concrete from graffiti and vandalism. The Contractor shall be responsible for repairing all graffiti and vandalism at the Contractor's expense to the satisfaction of the City.

303-5.10 Removal and Disposition of Material

All removed materials shall become the property of the Contractors and shall be legally disposed of by the Contractor away from the site of work. Note: There are no authorized facilities within the City of Manhattan beach

Recycling of Concrete Removals

Removed concrete shall be taken by the Contractor to a concrete recycling/crushing facility approved to accept the material. The Contractor shall submit weight tickets from the facility to the Engineer. All costs relative to concrete recycling shall be included in the Bid for the items of work necessitating such removals.

306-1.3 Backfill and Densification

306-1.3.1 General

The eighth paragraph shall be deleted with no replacement.

306-1.3.4 Compaction Requirements

Delete this subsection and replace with the following:

All trench backfill shall be densified to a minimum of 90% relative compaction except where a 95% relative compaction is called for in the plans or as required by subsection 301-1.3.

306-1.5 Trench Resurfacing

306-1.5.1 Temporary Resurfacing

The last two paragraphs shall be deleted and replaced with the following:

Payment for all materials used by the Contractor or ordered to be placed by the Engineer, including that used to maintain the temporary resurfacing until the permanent resurfacing is placed, will be considered to be included in the other items of work.

306-1.5.2 Permanent Resurfacing

This subsection shall be deleted in its entirety and replaced with the following:

Permanent resurfacing shall be in compliance with the plans and these Special Provisions.

306-1.6 Basis of Payment for Open Trench Installations

The words "excluding temporary resurfacing" shall be deleted from the second and third paragraphs.

306-7 Curb Drains

The following paragraph shall be added to the end of the

subsection:

Payment for curb drains will be considered to be included in the other items of work set forth in the bid. Such payment shall include full compensation for furnishing all labor, materials, tools, and equipment and doing all work required to construct and or repair curb drains as incidentally encountered in the field.

308 Landscape and Irrigation Installation

308-4 Planting

308-4.5 Tree and Shrub Planting

Paragraphs 4 and 5 shall be deleted from the subsection and replaced with the following:

Planting shall be governed by the following requirements:

Use backfill mixture as specified below:

- Type I organic soil amendments, 25%
- Native Soil, 75%
- Commercial fertilizer and agricultural gypsum shall be added in accordance with the recommendations of the soils report.

1. Remove all plants from their containers and set in plant pits.
2. Fill to proper height with amended backfill to receive the plant and thoroughly tamp the mixture before setting the plant.
3. Set plant in upright position in the center of the hole and compact the backfill mixture around the ball or roots.
4. Thoroughly water each plant when the hole is one-half filled.

The remainder of the hole shall then be backfilled. Set the tablets to be used with each plant on the top of the root ball while the plants are still in their containers so the required number of tablets to be used in each hole can be easily verified.

5. After watering, tamp the soil in place until the surface of the backfill is level with the surrounding area and the crown of the plant is at the finished grade of the surrounding area. Do not backfill around trunks or stems.
6. After backfilling, an earthen basin shall be constructed around each plant. Each basin shall be of a depth sufficient to hold at least six inches (6") of water. Basins shall be the same size as the container size of each individual plant. The basins shall be constructed of amended backfill material.

7. Immediately after planting, apply water to each tree and shrub by means of a hose. apply water in a moderate stream in the planting hole until the material about the roots is completely saturated from the bottom of the hole to the top of the ground.
8. Apply water in sufficient quantities and as often as seasonal conditions require to keep the planted areas moist at all times, well below the root system of grass and plants. Generally, water once each day for seven (7) days in cool seasons; for fourteen (14) days in hot weather. Berms around shrubs and trees in slopes shall be permanently maintained. In turf areas, berms shall be maintained for thirty (30) days following tree planting.
9. Pruning shall be limited to the minimum necessary to remove injured twigs and branches, and to compensate for loss of roots during transplanting, but never to exceed one-third (1/3) of the branching structure. Upon approval of the Engineer, pruning may be done before delivery of plants, but not before plants have been inspected and approved.

308-4.9.6 Hydroseeding

The following subsection shall be added:

Equipment must have minimum capacity of 1,500 gallons, and a positive displacement pump with the ability to agitate and properly mix the above materials. Pump must be capable of creating 100 pounds psi pressure with sufficient volume to distribute above slurry evenly over 123,000 square feet within a 15-minute period.

Vendor Furnished Labor - Vendor agrees to furnish not less than two (2) employees during all hydromulching applications.

The vendor shall fully guarantee his work and services and shall be fully insured and be prepared to furnish satisfactory evidence of such insurance upon demand.

Application - The materials for stolonized areas shall be machine mixed before application. The mixture of stolons and additives are to be applied by a hydromulching machine. The nozzle height shall be between 6 feet and 10 feet above the ground level. Discharged pressure at the nozzle shall be 100 psi.

Spraying shall be done in a sweeping motion allowing the slurry to fall evenly and eventually building up fairly consistent matting.

Soil Moisture - Area to be planted shall be irrigated to obtain 12 inches of penetration. This should be done 4 to 7 days prior to planting.

Time Limit - All slurry mixture which has not been applied to

the designated area within four hours after mixing will be rejected and removed from the project at the Contractor's expense.

Mixture - Hydroseed area on plan to be hydroseeded with the following:

2000 lbs/acre	Weed Cellulose Fiber
100 lbs/acre	Ecology Control M-Binder
66.5 lbs/acre	Seed Mix (See plans for mix)
600 lbs/acre	Gro-Power Plus Fertilizer or approved equal.

Protection - Special care should be exercised by the Contractor in preventing any of the slurry to be sprayed inside any reservoir basin or onto drainage ditches and channels which may impede the free flow of rain or irrigation water. Any slurry spilled into restricted areas shall be cleaned up at the Contractor's expense to the satisfaction of the Engineer.

It shall be the responsibility of the applicator to assure that the site is properly prepared and that the irrigation system is operating and programmed properly. The applicator shall be responsible to notify the general contractor and landscape architect if he feels the site is not properly prepared.

The hydroseed applicator shall take responsibility for repairing tire ruts created by his equipment, unless he has notified the general contractor of the poor soil conditions, being too wet, or of insufficient compaction, and is requested by the Contractor to continue. Areas for repair shall be blended and floated to match surrounding areas and reseeded.

Reseeding - All bare spots shall be rehydroseeded by the Contractor within 10 days. The Contractor will be responsible for all reseeded areas for as long after seeding as necessary until an acceptable stand of hydroseeded material is realized and approved by the Engineer.

Watering - Water as necessary to insure constantly moist soil until germinated (approximately 14-21 days). Water every day once per day for two weeks thereafter and then gradually reduce frequency of watering to twice per week. The Contractor shall continue to maintain the lawn until final acceptance by the City.

Mulch - All mulch areas shall be mulched to a uniform depth of three inches (3") with shredded cedar or redwood bark.

Certification of weights and analysis shall be required by City for all of the following materials used:

- (a) Soil conditioners
- (b) Fertilizers
- (c) Seed

308-5 Irrigation System Installation

308-5.6 Flushing and Testing

308-5.6.1 General

The following paragraph shall preface the subsection:
Flushing Main Lines

Flushing of the lines shall be done before quick coupling valves and remote control valves are in place. All open ends shall be piped (temporarily) to exhaust flushing water up and out of the trenches. No water will be permitted to fall into the trench. Flushing procedure will be to first open the ports nearest the source, then recap, and move progressively towards the end of the line, with only one open port flushing at any one time.

308-6 Maintenance and Plant Establishment

The following paragraphs shall be added following paragraph 6:

The Contractor shall be responsible for detecting diseases and pests (including rodents) as soon as they are present and shall take immediate action to identify and control the disease or pest. Plants shall be maintained in a disease and pest free condition. A licensed pest control operator shall be maintained to recommend and apply pesticides, herbicides, and fungicides. Exterminate gophers and moles and repair damage.

Maintain all planting, starting with the planting operations and continuing for 60 calendar days, after all planting is complete and approved by the City, in writing. The maintenance period will not commence until all planting has been approved in writing by the City.

Maintenance shall include all watering, weeding, mowing, edging, cultivating, spraying, and pruning necessary to keep the plant materials in a healthy growing condition and to keep the planted areas neat and attractive throughout the maintenance period.

Provide all equipment and means for proper application of water to those planted areas not equipped with an irrigation system.

Protect all planted areas against damage, including erosion and trespassing, by providing and maintaining proper safeguards.

During the maintenance period, all plants and planted areas shall be kept well watered and weed free at all times.

In order to expedite the plant establishment work, the Contractor shall maintain a sufficient number of men and adequate equipment to perform the work herein specified from the time any planting is done until the end of the final maintenance period.

The Contractor will be relieved from maintenance work when the plant establishment and maintenance work has been completed to the satisfaction of the City.

Damage to planting areas shall be replaced immediately.

Depressions caused by vehicles, bicycles, or foot traffic are to be filled and leveled. Replant damaged areas.

Apply 25 pounds Gro-Power Plus per 100 square feet at 25th and 55th day of 60-day maintenance period.

Exterminate rodents, slugs, snails, and cutworms as required and repair damage as above.

All paved areas will be broom cleaned and/or washed and maintained in a neat and clean condition at all times, as directed by the City.

Replacements - At the end of the maintenance period, all plant material shall be in a healthy growing condition.

During the maintenance period should the appearance of any plant indicate weakness and probability of dying, immediately replace that plant with a new and healthy plant of the same type and size without additional cost to the City.

All trees shall be guaranteed by the Contractor to live and grow in an acceptable upright position for a period of one year after completion and final acceptance by the City.

The Contractor, within 15 days of notification by the City, shall remove and replace all guaranteed plant materials which, for any reason, fail to meet the requirements of the guarantee. Replacement shall be made with plant materials as indicated or specified for the original planting, and all such replacement materials shall be guaranteed as specified for the original guaranteed materials.

Clean Up - Upon completion of the work in this section, the Contractor shall clean up and remove from the area all unused materials and debris resulting from the performance of the work as directed by the City.

308-7 Guarantee

The text of the subsection shall be deleted and replaced with the following:

The guarantee period shall begin upon final acceptance by the Engineer.

Upon acceptance, all planting, irrigation, earthquake, and trenches shall be guaranteed by the Contractor for a period of one year against defects in materials and workmanship.

Any settling of backfill trenches which may occur during the one year guarantee period shall be repaired to the City's satisfaction by the Contractor without expense to the City, including the complete restoration of damaged planting, paving, or other improvements of any kind.

The Contractor, within fifteen (15) days of notification by the Engineer, shall remove and replace all guaranteed plant materials which, for any reason, fail to meet the requirements of the guarantee. Replacement shall be made with plant materials as indicated or specified

for the original planting, and all such replacement materials shall be guaranteed as specified for the original guaranteed materials.

Part 4
Additional Specifications and Instructions

A. General

1. An excavation permit will be required, along with a City business license and proof of insurance. Excavation Permit fee only will be waived and is at no charge to Contractor. City business license fees and proof of insurance documents cannot be waived
2. All sidewalk and driveway approach repairs will be completed to meet current City specifications. Refer to the City standard drawings ST-1 Standard Sidewalk and ST-2 standard driveway approach (copies attached).
3. Remove all asphalt and/or concrete overlays that were used for temporary ramping purposes on the existing displaced P.C.C. sidewalks or driveways. Removal of all asphaltic or cementitious ramping material shall be considered incidental to performing the required work and shall be without additional compensation.
4. Root removal shall be a minimum of 12" below sub grade of sidewalk and/or driveways. In some cases, mature trees have pushed, buckled, or otherwise misaligned curb and gutter. In these cases, the contractor shall machine grind (stump grinder, root pruner) or manually cut by use of axes or other hand tools a minimum amount of root or stump to allow the proper placement of formwork. In cases where structural roots are encountered, the City Engineer or his designee shall field determine to what extent, if any, root removal shall be modified to maintain the structural integrity of the tree(s). Such work shall be considered incidental to performing the required concrete repair work and shall be without additional compensation. If deemed necessary, tree and stump removals shall be ordered by the Engineer and performed by the City.
5. All excavated materials, including soil, shall be disposed of off-site at the Contractor's expense. Any fill material shall be furnished at the Contractor's expense. Fill material shall consist of a non-expansive soil, devoid of organic material. Rocks over 1" and any other deleterious material shall be removed prior to placement. Engineer or his designee shall approve any and all borrow fill material(s) prior to placement.
6. Lawn sprinkling systems that are damaged, rerouted, or otherwise modified during the course of construction shall be reconstructed or repaired by the Contractor with like brand and model (Toro, Champion, Rainbird, etc.) parts as directed by the City. Irrigation system repairs required due to PCC repair work shall be completed within 24 hours to minimize potential damage to residential landscape. Should contractor fail to make timely irrigation repairs as contractually required, The City may elect to perform or cause to be performed, any required repair work and such costs shall be deducted from Contractor payment.
7. Private improvements (including but not limited to, landscape, sod, structures, drains, tile, PCC, fencing, walls, brick, pavers,

stucco, etc.) damaged during the course of construction shall be repaired to their previous condition within 10 days of occurrence. Should contractor fail to make timely irrigation repairs as contractually required, The City may elect to perform or cause to be performed any required repair work, and such costs shall be deducted from Contractor payment.

8. Except by permission of the Engineer or his designee, any sidewalk, driveway, spandrel, cross gutter or street surface that is damaged adjacent to or during the course of repairs shall be saw cut to the nearest cold joint or score mark, removed, and replaced to specification at the Contractor's expense. Any chipping, spalling, cracking, stains, displacement, etc. resulting from Contractor activities are included. Contractor shall determine the appropriate method of removal and placement, whether power, mechanical or manual, to minimize any potential for damage to adjacent improvements or paving. City reserves the right to halt and/or modify demolition activities at any time if it is determined that unacceptable levels of damage are incurred during any work activity.
9. Repair work adjoining existing PCC curb and gutter, spandrels and ADA access ramps shall be steel dowelled prior to placement of PCC.
10. Any debris or construction material that is stored upon the public right-of-way shall require a temporary Encroachment Permit at a cost of \$83.00, plus a refundable deposit of \$420.00. See City Standard Plan ST-8.
- 10.24-hour notice shall be given prior to any request for inspection.
11. The Public Works Inspector will perform an initial inspection with the contractor to set and verify removal limits, locations and quantities, a second inspection to check forms and subgrade preparation, and a final inspection for approval of work. Any additional inspections shall be charged to the Contractor according to labor rates established in the current Resolution of Fees. **The contractor is strongly encouraged to walk the entire site with the Engineer or his designee and record (photograph, video, journal) existing conditions prior to commencement of any work, especially the operating condition of sprinkler systems and any pre existing damages and/or conditions.**
12. Measurement and payment for removal and reconstruction of Portland Cement Concrete (P.C.C.) sidewalk, curb and gutter, cross gutters, handicap ramps, and driveways shall include, but not be limited to, saw cut, break-out and removal, haul away and disposal, root removal, root pruning or root grinding, construction (grading and compaction, PCC placement, placement of precast truncated domes, and finish) asphalt or concrete make up paving, backfill, fine grading, relocation and replacement of interfering lawn sprinkler systems, replacement of damaged landscape and/or turf with equal materials, and relocation or protecting in place of street signs, parking meters, barricades, adjustment or replacement of damaged utility boxes, and all other appurtenant work. City shall supply new utility boxes to Contractor as required.

13. Contractor is responsible for the protection of open drainage facilities (spandrels, curb and gutter, swales) from nuisance flows and rainwater during the construction process. Should any excavation become saturated with water causing the sub grade or base to become unstable (soil or base pumping), it shall be the Contractor's responsibility to remove and replace the saturated soil and/or base material and re-compact prior to placement of PCC or AC materials. Any expenses incurred for this additional work and material shall be the sole responsibility of the Contractor and no additional allowance for this restorative work will be made.
14. Work upon private property requested by property owners will be allowed, but will remain a private business transaction between the contractor and the property owner. Any expenses incurred in completing such work will be paid by the property owner directly to the Contractor and without City involvement.
15. Due to its proximity to the ocean, the City of Manhattan Beach is especially sensitive to State, Federal and local environmental standards regarding runoff. Washing out of concrete trucks, trailers, or other equipment in or on the street or public right-of-way is strictly forbidden. Slurry generated during saw cutting shall not be allowed to run into the storm drain system. All sawcut slurry and/or debris generated through sawcutting operations shall be vacuum collected and disposed of off-site. Slurry residue shall be removed in its entirety while fresh from all surfaces to eliminate foot tracking and staining of adjoining areas.
16. Contractor shall not leave any excavation open for more than three (3) days without prior written permission from the Engineer. All work areas shall be kept in a neat and safe manner.

B. Maximum Amount of Open Formwork Allowed

1. Except by permission of the Engineer or his designee, no formwork or excavation shall be allowed to remain open over a weekend or holiday. All concrete placement operations shall be completed before a weekend. Complete is defined as all debris and formwork having been removed, all concrete placed, backfilled, and all existing improvements repaired/replaced in kind.
2. Except by permission of the Engineer or his designee, concrete placement operations shall be executed so that all concrete placed shall be completed and open to vehicular and pedestrian traffic by 4:30 p.m. of any work day. In areas where traffic is particularly impacted by construction activities, i.e. schools, work will have to be completed on Saturday(s) or pupil free days (see attached MBUSD Calendar). Prior to any planned construction activity, contractor shall contact and coordinate with MBUSD Director of Operations and Maintenance Paul Ruta (pruta@mbusd.org) (310) 546-8018 x5302
3. The Contractor shall protect all fresh concrete from graffiti and vandalism. The Contractor shall be responsible for repairing, including removal and replacement, all graffiti and vandalism at the Contractor's expense. The Engineer or his designee shall be the sole judge as to the acceptability of the restorative work,

regardless of method(s) employed.

4. Vehicular access to residents and through traffic shall be maintained at all times except during actual construction. Upon completion of demolition, forming, placing, curing, etc., full access shall be restored through the use of steel plating. The Contractor may, at his own expense, substitute early high strength concrete to minimize the need for long term plating needs at residential driveways.
5. At cross street drainage swales, the use of high early strength PCC shall be required, and make up paving shall be placed within 4 days of placement. Early high strength concrete meeting a minimum 3 day compressive strength of 2500 psi (available from Paramount Ready Mix (562)630-5836 designate mix number 572-711 or Engineer approved equal. The City's intent is to open the street to regular traffic as soon as technically feasible, minimizing traffic disturbances and inconvenience to residents. **Please note that the included Standard Drawing ST-12 indicates a 6" PCC section, the City requires an 8" section for cross gutters on this project and is identified as such on page 6 of the Contractor's Proposal, bid item No.5.**

C. Wheelchair Ramps

1. In cases of updating non-compliant and damaged ramps, or in conjunction with spandrel or cross gutter work, removal and replacement will be per unit costs. (refer to Contractors Proposal, item 7b, page 6)
2. All wheelchair ramps shall be constructed per 2006 Edition APWA standard drawing 111-3 pages 1-10 (attached).
3. Truncated domes as required shall be ADA Solutions (800) 372-0519 www.adatile.com wet set or approved equal, cast in place composite tactile with 2.35" dome spacing per attached APWA drawings or engineer approved equal.

D. Additional Instructions

1. **Contractor's please note:** This section pertains to work areas adjoining privately owned PCC sidewalk and/or driveways and incidental to curb and gutter, swale or wheel chair ramp work only. In areas where PCC cuts are made in displaced driveways and/or sidewalks not in contract (NIC) to accommodate formwork, the PCC cuts and resultant make up paving (AC or PCC as directed by the Engineer) shall be a minimum of 18" to accommodate a gradual transition between new work and existing pavement displacements/elevation differential.
2. Should the Engineer determine that an 18" transition will be insufficient to maintain a safe condition, work ordered beyond the 18" shall be paid per unit prices. No exceptions shall be allowed without the written permission of the Engineer or his designee. Any additional work ordered by the City on public ROW will be paid per unit prices.

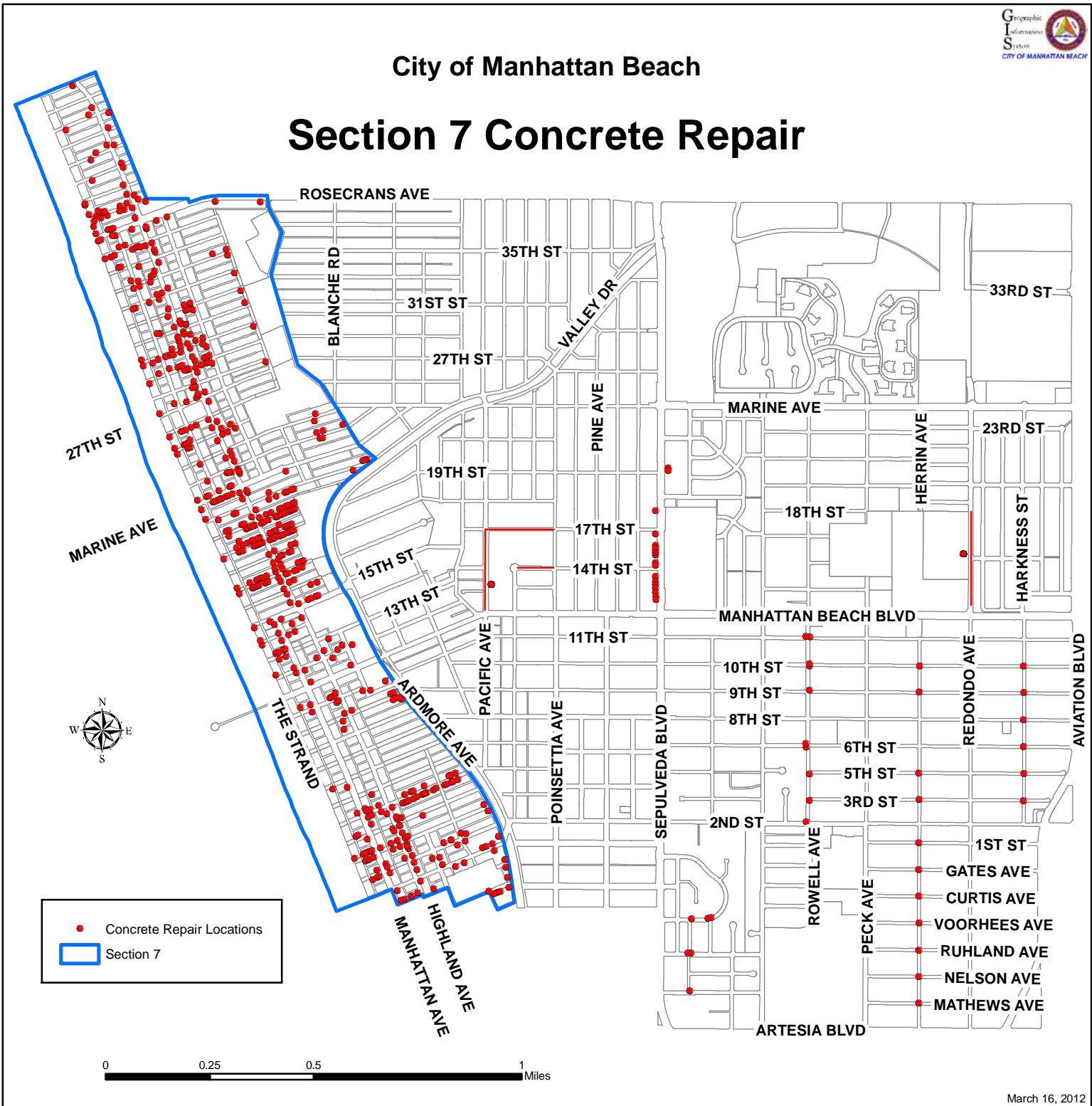
3. All AC street cuts (slots) required for the forming of curb and gutter, driveways, or swales must be cut to a minimum width of 24" to accommodate compaction equipment, typically a vibrating plate compactor. Please refer to relevant sections of Standard Drawing ST-10 (attached). The typical 10" repair section is 4" AC paving placed upon 6" of base material (CMB or CAB). Such make up paving shall be included in the unit cost of the PCC and without additional compensation.
4. The bid item for placing and removing **6" AC - Non Specified** on Contractor's Proposal, page 6 is not to be confused with the make up paving required during curb and gutter, spandrel, cross gutter or swale work. This item is for minor quantities of incidental AC paving that may be encountered during the project.

Attachments

1. Location map
2. Location address listing
- City of Manhattan beach Standard drawings:
 3. St-1 Driveway
 4. ST-2 Sidewalk
 5. St-3 Curb and Gutter
 6. St-8 Encroachment
 7. ST-10 Pavement Restoration
 8. St-12 Cross Gutter (**Note**-PCC section shall be 8", not 6" as shown on drawing. Item is identified as item No. 5 in Contractors Proposal and identified as 8")
9. APWA Standard Drawing 111-3 pages 1-10 for ADA access ramps
10. MBUSD School Calendar

City of Manhattan Beach

Section 7 Concrete Repair



Sction Site List

	A	B	C	D	G	H	I	J	K	L
	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
2	NA	10TH & HARKNESS	N/W standard, N/E standard, S/E standard		0			3		
3	224	10th STREET	west of 224 10th Street; parking lot		18					
4	233	10th STREET	water valve		12					
5	428	10th STREET			6					
6	429	10th STREET	move kids house and add concrete		166					
7	435	10th STREET			306					
8	436	10th STREET			6					
9	132	11th STREET	11th broken gas lid		25					
10	223	11th STREET			104					
11	225	11th STREET			58					
12	228	11th STREET			35					
13	229	11th STREET			99					
14	232	11th STREET			2					
15	334	11th STREET			36					
16	229	12th STREET	sunken water meter; pole in concrete		32					
17	304	12th STREET			13					
18	321	12th STREET	root pushing up		27					
19	116	13th STREET			50					
20	117	13th STREET			25					
21	121	13th STREET			38					
22	128	13th STREET			25					
23	129	13th STREET			70					
24	133	13th STREET			156					
25	316	13th STREET	Crest (13th to 12th Pl)		0					320
26	216	14th STREET			13					
27	217	14th STREET			50					
28	PACIFIC SCHOOL	14th STREET	work on 14th St							
29	PACIFIC SCHOOL	14th STREET	work on 14th St		48					
30	PACIFIC SCHOOL	14th STREET	work on 14th St		154					

Sction Site List

	A	B	C	D	G	H	I	J	K	L
	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
31	PACIFIC SCHOOL	14th STREET	work on 14th St		40					
32	PACIFIC SCHOOL	14th STREET	work on 14th St		133					
33	PACIFIC SCHOOL	14th STREET	work on 14th St		469					
34	PACIFIC SCHOOL	14th STREET	work on 14th St		0	25				
35	PACIFIC SCHOOL	14th STREET	work on 14th St		70					
36	PACIFIC SCHOOL	14th STREET	work on 14th St		0	14				
37	PACIFIC SCHOOL	14th STREET	work on 14th St	136	0					
38	PACIFIC SCHOOL	14th STREET	work on 14th St		17					
39	PACIFIC SCHOOL	14th STREET	work on 14th St		21					
40	PACIFIC SCHOOL	14th STREET	work on 14th St		176					
41	PACIFIC SCHOOL	14th STREET	work on 14th St		160					
42	PACIFIC SCHOOL	14th STREET	work on 14th St		0	79				
43	PACIFIC SCHOOL	14th STREET	work on 14th St		320					
44	PACIFIC SCHOOL	14th STREET	work on 14th St		248					
45	PACIFIC SCHOOL	14th STREET	work on 14th St		0	25				
46	PACIFIC SCHOOL	14th STREET	work on 14th St		16					
47	PACIFIC SCHOOL	14th STREET	work on 14th St		0					
48	PACIFIC SCHOOL	14th STREET	work on 14th St		0					
49	PACIFIC SCHOOL	17th Street	17th Street		288					
50	PACIFIC SCHOOL	17th Street	electric pole		32					
51	PACIFIC SCHOOL	17th Street	electric pole		96					
52	PACIFIC SCHOOL	17th Street	electric pole		160					
53	PACIFIC SCHOOL	Pacific Avenue	Pacific Avenue		102					
54	PACIFIC SCHOOL	Pacific Avenue	Pacific Avenue		36					
55	PACIFIC SCHOOL	Pacific Avenue	Pacific Avenue		18					
56	PACIFIC SCHOOL	Pacific Avenue	Pacific Avenue		48					
57	232	15TH PLACE	says 233 15th Street in GIS		6					
58	128	15TH STREET			20					
59	200	15TH STREET	roots raising concrete		120					
60	311	15TH STREET			25					

Sction Site List

	A	B	C	D	G	H	I	J	K	L
	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
61	321	15TH STREET			25					
62	329	15TH STREET			38	3				
63	333	15TH STREET			12	3				
64	302	16TH PLACE	roots raising tree ground cover		6					
65	310	16TH PLACE	light pole, on 16th Street		7					
66	233	16TH STREET	root raising concrete		58					
67	234	16TH STREET			55					
68	328	16TH STREET	light pole		7					
69	404	16TH STREET	light pole		7					
70	232	17TH PLACE			10					
71	120	17TH STREET			85					
72	121	17TH STREET			25					
73	124	17TH STREET			65					
74	128	17TH STREET			25					
75	132	17TH STREET			25					
76	133	17TH STREET			25					
77	201	17TH STREET			25					
78	203	17TH STREET			50					
79	208	17TH STREET			100					
80	209	17TH STREET			30					
81	212	17TH STREET			50					
82	217	17TH STREET			50					
83	232	17TH STREET			90					
84	233	17TH STREET			27					
85	300	17TH STREET			75					
86	306	17TH STREET			150					
87	316	17TH STREET			50					
88	320	17TH STREET			50					
89	328	17TH STREET			100					
90	329	17TH STREET			125					

Sction Site List

	A	B	C	D	G	H	I	J	K	L
	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
91	333	17TH STREET			25					
92	401	17TH STREET			50					
93	235	18TH STREET	F.HYD & water valve lid		8					
94	304	18TH STREET			54					
95	308	18TH STREET			25					
96	320	18TH STREET			75					
97	324	18TH STREET			25					
98	329	18TH STREET			75					
99	401	18TH STREET			119					
100	132	19TH PLACE			3					
101	324	19TH PLACE	19TH STREET		50					
102	124	19TH STREET			100					
103	125	19TH STREET			25					
104	130	19TH STREET			25					
105	132	19TH STREET			50					
106	201	19TH STREET			93					
107	209	19TH STREET			50					
108	216	19TH STREET			25					
109	217	19TH STREET			100					
110	220	19TH STREET			25					
111	221	19TH STREET			100					
112	224	19TH STREET			65					
113	228	19TH STREET			100					
114	229	19TH STREET			40					
115	232	19TH STREET	on Highland tree ground cover messed up (asphalt)		75					
116	233	19TH STREET	raised water valve lid		121					
117	300	19TH STREET	"scan" lid roots raising concrete ponding water?		26					
118	304	19TH STREET			50					

Sction Site List

	A	B	C	D	G	H	I	J	K	L
	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
119	305	19TH STREET			60					
120	308	19TH STREET			25					
121	313	19TH STREET			25					
122	316	19TH STREET			100					
123	317	19TH STREET			25					
124	320	19TH STREET			75					
125	324	19TH STREET			150					
126	332	19TH STREET			75					
127	333	19TH STREET			15					
128	400	19TH STREET			75					
129	401	19TH STREET			35					
130	404	19TH STREET			190					
131	405	19TH STREET			65					
132	408	19TH STREET			10					
133	409	19TH STREET			10					
134	420	1ST STREET		25	0					
135	436	1ST STREET			0					
136	525	1ST STREET	reset water meter		10					
137	532	1ST STREET			55					
138	533	1ST STREET			100					
139	541	1ST STREET			30					
140	120	20TH STREET			50					
141	125	20TH STREET			25					
142	213	20TH STREET			25					
143	216	20TH STREET			50					
144	217	20TH STREET			150					
145	220	20TH STREET			75					
146	224	20TH STREET			50					
147	228	20TH STREET			150					
148	232	20TH STREET	SUNKEN ELECTRIC BOX LID 19TH PL		143					

Sction Site List

	A	B	C	D	G	H	I	J	K	L
	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
149	301	20TH STREET			25					
150	304	20TH STREET			50					
151	312	20TH STREET			50					
152	313	20TH STREET			25					
153	323	20TH STREET			25					
154	324	20TH STREET			75					
155	328	20TH STREET			25					
156	328	20TH STREET			25					
157	400	20TH STREET			75					
158	401	20TH STREET			25					
159	404	20TH STREET			75					
160	405	20TH STREET			25					
161	412	20TH STREET			75					
162	413	20TH STREET			25					
163	416	20TH STREET			150					
164	417	20TH STREET			25					
165	420	20TH STREET			100					
166	424	20TH STREET			100					
167	425	20TH STREET			25					
168	429	20TH STREET			55					
169	121	20TH STREET WEST OF 125			25					
170	116	21ST STREET	PROPERTY LINE NAIL RB2G RESIDENTS WONT HAVE ACCESS TO GARAGE		57					
171	208	21ST STREET	RESIDENTS WONT HAVE ACCESS TO GARAGE		52					
172	212	21ST STREET	RESIDENTS WONT HAVE ACCESS TO GARAGE		37					
173	328	21ST STREET			25					

Sction Site List

	A	B	C	D	G	H	I	J	K	L
	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
174	333	21ST STREET	WATER METER LID		9	4				
175	404	21ST STREET			25					
176	420	21ST STREET			5					
177	424	21ST STREET			38					
178	432	21ST STREET			58	3				
179	436	21ST STREET	WATER METER LID - RAISED WATER METER LID IN BRICKS		30	4				
180	540	21ST STREET	ON VALLEY		132					
181	551	21ST STREET	PART OF A RAMP		16					
182	553	21ST STREET			36					
183	555	21ST STREET	STORM DRAIN INLET		43					
184	233	23RD PLACE	NO TREE GROUND COVER		32					
185	124	23RD STREET	BROKEN TV BOX LID SEWER LID RB2G		46					
186	226	23RD STREET	WONT HAVE ACCESS TO DRIVEWAY		50					
187	228	23RD STREET			25					
188	524	23RD STREET	PROPERTY LINE NAIL		3					
189	525	23RD STREET			9					
190	526	23RD STREET			2					
191	529	23RD STREET			0	2				
192	549	23RD STREET	NON STANDARD RAMP, 12" STAMP RED CONCRETE BRICK STAMP SHIFTED; ON BLANCHE		0			2		
193	231	24TH PLACE			6					
194	124	24TH STREET			25					
195	526	24TH STREET			15					
196	531	24TH STREET			50					
197	113	25TH STREET			25					
198	116	25TH STREET			175					
199	117	25TH STREET			130					

Sction Site List

	A	B	C	D	G	H	I	J	K	L
	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
200	120	25TH STREET			158					
201	121	25TH STREET			100					
202	303	25TH STREET			50					
203	319	25TH STREET	BUSH IN THE WAY		75					
204	324	25TH STREET			25					
205	118	26TH STREET	PROPERTY LINE NAIL		4					
206	232	26TH STREET	RAISED TREE GROUND COVER		56					
207	205	27TH STREET	BRUCE PARK (SOUTH OF) TV LID		45					
208	229	27TH STREET	BRUCE PARK (SOUTH OF)		32					
209	228	28TH STREET			4					
210	230	28TH STREET	SUNKEN TV LID - LIGHT POLE - RAISED TREE GROUND COVER - NO TREE GROUND COVER		9					
211	232	28TH STREET			7					
212	476	28TH STREET	ON 27TH PLACE		0	10				
213	117	29TH STREET			25					
214	217	29TH STREET			25					
215	221	29TH STREET			50					
216	224	29TH STREET			35					
217	225	29TH STREET			50					
218	228	29TH STREET	PROPERTY LINE NAIL		53					
219	232	29TH STREET	NO TREE GROUND COVER - BROKEN SEWER LID		13					
220	234	29TH STREET	ROOTS RAISING CONCRETE		13					
221	301	29TH STREET			50					
222	316	29TH STREET	CURB PUSHED OUT - WILL HAVE TO TRIM (SAWCUT) ONE CONCRETE PANEL		120	15				
223	319 1/2	29TH STREET			25					
224	323	29TH STREET			5					

Sction Site List

	A	B	C	D	G	H	I	J	K	L
	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
225	324	29TH STREET			50					
226	116	2ND STREET			30					
227	124	2ND STREET			57					
228	128	2ND STREET			13					
229	129	2ND STREET			63					
230	301	2ND STREET			88					
231	417	2ND STREET			13					
232	431	2ND STREET	ON 2ND PL		0					108
233	431	2ND STREET			118					85
234	436	2ND STREET			115					
235	500	2ND STREET			10					
236	509	2ND STREET			38					
237	232	30TH PLACE	ON HIGHLAND		2					
238	130	30TH STREET			150					
239	204	30TH STREET			75					
240	212	30TH STREET	SUNKEN CIRCULAR PIECE OF CONCRETE		250					
241	216	30TH STREET			124					
242	217	30TH STREET			0	5				
243	228	30TH STREET			210					
244	233	30TH STREET	ON HIGHLAND PROPERTY LINE NAIL		4					
245	300	30TH STREET			100					
246	315	30TH STREET			50					
247	324	30TH STREET			75					
248	327	30TH STREET			245					
249	476	30TH STREET	ON WEST SIDEWALK CW		25					
250	215	31ST STREET			50					
251	215	31ST STREET			25					
252	311	31ST STREET	ADD RAMP		0			1		

Sction Site List

	A	B	C	D	G	H	I	J	K	L
	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
253	477	31ST STREET	WALKWAY ON EASTSIDE PUT RAMP AWAY ON WALKWAY EAST OF PROPERTY		64			1		
254	311	31ST STREET			8					
255	228	32ND STREET			25					
256	316	32ND STREET			50					
257	320	32ND STREET			50					
258	324	32ND STREET			25					
259	476	32ND STREET	WALKWAY ON EASTSIDE TOP OF SAND DUNE ROAD CURB ON RADIUS		32		57			
260	112	33RD STREET			30					
261	116	33RD STREET	PROPERTY LINE NAIL		30					
262	204	33RD STREET	SEWER MANHOLE COVER		22					
263	225	33RD STREET	WATER METER		7					
264	226	33RD STREET	ROOTS RAISING CONCRETE RB2G		25					
265	476	33RD STREET	WALWAY ON EASTSIDE		25					
266	202	34TH STREET			125					
267	220	34TH STREET			50					
268	225	34TH STREET			50					
269	229	34TH STREET			50					
270	453	34TH STREET	IS BROKEN SIDEWALK IN RIGHT OF WAY 6" SIDEWALK, SEWER COVER		105					
271	476	34TH STREET	ROOTS LIFTING UP CONCRETE - SIDEWALK WEST OF HOUSE		165			1		
272	477	34TH STREET	PUT RAMP ON WALKWAY EAST OF PROPERTY		0			1		
273	124	34TH STREET	PROPERTY LINE NAIL		18					
274	113	35TH STREET			10					
275	117	35TH STREET			10					
276	112	36TH STREET			32					

Sction Site List

	A	B	C	D	G	H	I	J	K	L
	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
277	216	36TH STREET	WATER METER	7	8					
278	220	36TH STREET			15					
279	224	36TH STREET		6	0					
280	235	38TH PLACE			0			1		
281	112	38TH STREET	TV BOX ADD RAMP SE 38TH ST / OCEAN		8			1		
282	113	38TH STREET			19					
283	115	38TH STREET	TV BOX		8					
284	117	38TH STREET			2					
285	120	38TH STREET			15					
286	121	38TH STREET			18					
287	212	38TH STREET			15					
288	217	38TH STREET	ROOTS RAISING CONCRETE		38					
289	220	38TH STREET	PROPERTY NAIL		37					
290	229	38TH STREET	WATER METER		6		2			
291	235	38th Street	N/W corner		64			1	1	
292	NA	3RD & HARKNESS	N/W standard, S/E standard		0			2		
293	116	3RD STREET			24					
294	117	3RD STREET			72					
295	121	3RD STREET			104					
296	122	3RD STREET			8					
297	124	3RD STREET			12					
298	125	3RD STREET	tv lines		48					
299	129	3RD STREET	tv lines RB2G		100					
300	132	3RD STREET			60					
301	133	3RD STREET	tv lines RB2G		80					
302	220	3RD STREET			24					
303	221	3RD STREET			8					
304	232	3RD STREET	5" curb, Highland		42	7				
305	233	3RD STREET			30					

Sction Site List

	A	B	C	D	G	H	I	J	K	L
1	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
306	304	3RD STREET	on Highland curb on papius shifted		25					
307	305	3RD STREET			38					
308	309	3RD STREET			38					
309	553	3RD STREET			64					
310	556	3RD STREET			40					
311	120	40TH STREET			6					
312	305	40TH STREET			20					
313	200	41ST STREET	DRIVEWAY CURB		0	31				
314	213	41ST STREET	DRIVEWAY CURB		0	10				
315	235	42nd Street	N/W corner, 2 water boxes on ramp		12			1	1	
316	303	42ND STREET	ON HIGHLAND SUNKEN EDISON BOX	34	0					
317	227	43RD STREET			0	7.5				
318	218	45TH STREET	WATER METER	5	0					
319	117	4th STREET			0	6				
320	121	4th STREET			13					
321	132	4TH STREET			56					
322	232	4th STREET			0	6				
323	309	4th STREET			54					
324	400	4th STREET			25					
325	NA	5TH & HARKNESS	N/W standard, N/E standard		0			2		
326	201	5th STREET			20					
327	211	5th STREET			15					
328	212	5th STREET			11					
329	224	5th STREET		10	0					
330	225	5th STREET			15					
331	320	5th STREET			27					
332	324	5th STREET			27					
333	328	5th STREET			105					
334	329	5th STREET			65					
335	332	5th STREET			12					

Sction Site List

	A	B	C	D	G	H	I	J	K	L
	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
336	340	5th STREET			48					
337	341	5th STREET	shrub in the way		10					
338	400	5th STREET			48					
339	401	5th STREET			10					
340	412	5th STREET	next to pipe install		30					
341	416	5th STREET	next to pipe install		21					
342	420	5th STREET	above pipe install		99					
343	421	5th STREET			90					
344	432	5th STREET			0					
345	440	5th STREET			33					
346	504	5th STREET			36					
347	508	5th STREET			102					
348	516	5th STREET			9					
349	517	5th STREET			39					
350	520	5th STREET			48					
351	521	5th STREET			144					
352	528	5th STREET			36					
353	529	5th STREET			18					
354	NA	6TH & HARKNESS	N/W standard, N/E standard, S/E standard		0			3		
355	220	6th STREET			15					
356	NA	8TH & HARKNESS	N/W standard, N/E standard, S/W standard, S/E standard		0			4		
357	NA	9TH & HARKNESS	N/W standard, N/E standard		0			2		
358	222	9th PLACE	tree pushing up curb (maybe remove); 9th Place and Bayview parking lot		0		21			
359	2821	ALMA AVENUE			175					
360	2901	ALMA AVENUE			70					
361	2915	ALMA AVENUE	ON 30TH STREET		25					
362	3121	ALMA AVENUE			115					

Sction Site List

	A	B	C	D	G	H	I	J	K	L
	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
363	3201	ALMA AVENUE	ON 32ND STREET		95					
364	3620	ALMA AVENUE	ON ROSECRANS ELECTRICITY POLE		42					
365	2519	BAYVIEW DRIVE			8					
366	3419	BAYVIEW DRIVE	ON 35TH STREET		20					
367	3521	BAYVIEW DRIVE	ON 36TH STREET - WATER METER - VALVE WITHOUT LID - ROOTS LIFTING CONCRETE		42					
368	NA	CHABELA & KEATS	N/W standard, N/E standard, S/E standard		0			3		
369	NA	CHABELA & LONGFELLOW	N/E standard		0			1		
370	NA	CHABELA & TENNYSON	N/E standard		0			1		
371	76	CREST DRIVE	painted driveway, install new meter box	25	0	6				
372	2419	CREST DRIVE			25	5				
373	2821	CREST DRIVE	ON 29TH STREET		25					
374	3013	CREST DRIVE	SUNKEN TREE GROUND COVER - WITH NO TREE ON HIGHLAND		18					
375	3200	CREST DRIVE			33					
376	450	FRANSISCO DRIVE	Robinson School, add to 450 Francisco	120	0					
377	508	FRANSISCO DRIVE			60			1		
378	512	FRANSISCO DRIVE	need new meter box, 6" street		25	5.5				
379	516	FRANSISCO DRIVE	Robinson School, add to 516 Fransisco		56					
380	532	FRANSISCO DRIVE	on Valley Drive - pruning		48					
381	224	Gull Street			40			1	1	
382	NA	HERRIN & 10TH	N/W standard, N/E standard, S/W standard, S/E standard		0			4		
383	NA	HERRIN & 1ST	N/W standard, S/W standard, S/E standard		0			3		
384	NA	HERRIN & 3RD	N/W standard, S/W standard, S/E standard		0			3		
385	NA	HERRIN & 5TH	N/W standard, S/E standard		0			2		

Sction Site List

	A	B	C	D	G	H	I	J	K	L
1	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
386	NA	HERRIN & 9TH	N/W standard, S/E standard		0			2		
387	NA	HERRIN & CURTIS	S/E standard		0			1		
388	NA	HERRIN & GATES	N/W standard, N/E standard, S/W standard, S/E standard		0			4		
389	NA	HERRIN & MATHEWS	N/W standard, N/E standard, S/E standard, (heavy ivy)		0			3		
390	NA	HERRIN & NELSON	N/E standard		0			1		
391	NA	HERRIN & RULAND	N/W standard, S/W standard, S/E standard		0			3		
392	NA	HERRIN & VOORHEES	N/W standard, N/E standard, S/E standard,		0			3		
393	87	HIGHLAND AVE	on Homer		9					
394	98	HIGHLAND AVE			65	6		1		
395	108	HIGHLAND AVE			53					
396	120	HIGHLAND AVE			5	5				
397	201	HIGHLAND AVE			33					
398	212	HIGHLAND AVE			13					
399	216	HIGHLAND AVE			13					
400	308	HIGHLAND AVE			25					
401	317	HIGHLAND AVE			7					
402	400	HIGHLAND AVE		18	0					
403	404	HIGHLAND AVE			13					
404	417	HIGHLAND AVE			0	5				
405	420	HIGHLAND AVE	not standard curb; ?? Concrete shifted from pipe; RB2G; on 5th St		108	30				
406	320	HIGHLAND AVE A	Unit A		61					
407	320	HIGHLAND AVE B	Unit B; curb sunken?; 4th Street		0		10			6
408	1000	HIGHLAND AVENUE			25					
409	1103	HIGHLAND AVENUE			11					
410	1200	HIGHLAND AVENUE	on 12th STREET, root pushing up		64					575

Sction Site List

	A	B	C	D	G	H	I	J	K	L
	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
411	1401	HIGHLAND AVENUE	sunken water meter lid and water pipe busted		0	3				
412	1500	HIGHLAND AVENUE		28	40					
413	1613	HIGHLAND AVENUE			6					
414	1700	HIGHLAND AVENUE			25					
415	1705	HIGHLAND AVENUE			7					
416	1708	HIGHLAND AVENUE	water meter lid		6					
417	1720	HIGHLAND AVENUE	stairs on 18th Street		34					
418	1800	HIGHLAND AVENUE	roots raising concrete		3					
419	1920	HIGHLAND AVENUE	NEED TREE GROUND COVER BUSHES IN THE WALL ON 20TH		109					
420	2007	HIGHLAND AVENUE	ROOTS RAISING CONCRETE EDISON LID		31					
421	2012	HIGHLAND AVENUE			15					
422	2101	HIGHLAND AVENUE	ROOTS RAISING CONCRETE		12					
423	2110	HIGHLAND AVENUE			196					
424	2114	HIGHLAND AVENUE			81					
425	2121	HIGHLAND AVENUE	WATER METER LID		54					
426	2212	HIGHLAND AVENUE	SUNKEN ASPHALT WHERE TREE USED TO BE		4.5					
427	2216	HIGHLAND AVENUE	SUNKEN ASPHALT WHERE TREE USED TO BE		4.5					
428	2220	HIGHLAND AVENUE	SEWER MANHOLE COVER		8					
429	2221	HIGHLAND AVENUE	RAISED TREE GROUND COVER LIGHT POLE SEWER MANHOLE		25					
430	2304	HIGHLAND AVENUE	SUNKEN EDISON LID		3					
431	2312	HIGHLAND AVENUE	ROOTS RAISING CONCRETE		22					
432	2320	HIGHLAND AVENUE	1 PANEL OF RAMP		16					
433	2420	HIGHLAND AVENUE	ON 25TH STREET - SUNKEN TREE GROUND COVER		100					

Sction Site List

	A	B	C	D	G	H	I	J	K	L
	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
434	2507	HIGHLAND AVENUE			7					
435	2514	HIGHLAND AVENUE			7					
436	2616	HIGHLAND AVENUE	BRUCE PARK (WEST OF)		6					
437	2701	HIGHLAND AVENUE	BRUCE PARK (SOUTH OF)		16					
438	2704	HIGHLAND AVENUE			9					
439	2709	HIGHLAND AVENUE			19					
440	2801	HIGHLAND AVENUE	TREE GROUND COVER RAISED		10					
441	2812	HIGHLAND AVENUE			60					
442	2820	HIGHLAND AVENUE	ON 29TH STREET		150					
443	2908	HIGHLAND AVENUE			6					
444	3000	HIGHLAND AVENUE			100					
445	3013	HIGHLAND AVENUE	ON 31ST		50					
446	3013	HIGHLAND AVENUE			111					
447	3016	HIGHLAND AVENUE		13	0					
448	3020	HIGHLAND AVENUE	RAISED TREE GROUND COVER		6					
449	3101	HIGHLAND AVENUE			50					
450	3104	HIGHLAND AVENUE			8					
451	3108	HIGHLAND AVENUE			3					
452	3201	HIGHLAND AVENUE	storm drain manhole		50					
453	3300	HIGHLAND AVENUE	ON 33RD STREET		25					
454	3301	HIGHLAND AVENUE			75					
455	3413	HIGHLAND AVENUE			92					
456	3416	HIGHLAND AVENUE	SUNKEN TREE GROUND COVER (2)		0					
457	3504	HIGHLAND AVENUE			2					
458	3508	HIGHLAND AVENUE			6					
459	3515	HIGHLAND AVENUE	SUNKEN TREE GROUND COVER RB2G, NO TREE GROUND COVER NW		60					
460	3516	HIGHLAND AVENUE	NO TREE GROUND COVER (2) - ROOTS RAISING CONCRETE		6					
461	3614	HIGHLAND AVENUE	WATER METER (2)		20					

Sction Site List

	A	B	C	D	G	H	I	J	K	L
1	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
462	3616	HIGHLAND AVENUE			20					
463	3701	HIGHLAND AVENUE	MESSED UP ELECTRICAL BOX		100					
464	3713	HIGHLAND AVENUE	PROPERTY NAIL - CONDUIT GOING IN		1					
465	3770	HIGHLAND AVENUE	38TH STREET		4					
466	3800	HIGHLAND AVENUE	LIGHT POLE - SUNKEN EDISON BOX		12					
467	3801	HIGHLAND AVENUE	38th S/W corner		128			1	1	
468	3804	HIGHLAND AVENUE	WATER METER		24					
469	3901	HIGHLAND AVENUE			0			1		
470	3901	HIGHLAND AVENUE	39th N/W corner		0			1	1	
471	3921	HIGHLAND AVENUE	40th S/W corner		0			1	1	
472	3922	HIGHLAND AVENUE			54					
473	4017	HIGHLAND AVENUE	41st S/W corner, Kelp N/W corner		0			1	1	
474	4100	HIGHLAND AVENUE	TV BOX		45					
475	4103	HIGHLAND AVENUE	TREE IN CONCRETE		78					
476	4113	HIGHLAND AVENUE	N/W corner		0			1	1	
477	4215	HIGHLAND AVENUE	water and phone box, N/W corner	80	0			1	1	
478	4216	HIGHLAND AVENUE	3 SEWER LIDS ON ON CREST AND 43RD ST		30					
479	4301	HIGHLAND AVENUE			0			1	1	
480	4307	HIGHLAND AVENUE	BROKEN TELEPHONE BOX LID - REPAIR RAMP		0			1		
481	4307	HIGHLAND AVENUE			0			1	1	
482	207	HOMER STREET	at alley		0	7				18
483	221	HOMER STREET			0	22				
484	536	HOMER STREET	on Valley Drive		16					
485	541	HOMER STREET	on Valley Drive		76					
486	200	INGLESIDE DR	PROPERTY MAIL		0			1		
487	NA	LONGFELLOW & ALTURA	N/W standard, N/E standard		0			2		
488	80	MANHATTAN AVE	dowel into existing 1' on center		0					80
489	98	MANHATTAN AVE	new ramp and new sewer cover		0			1		70

Sction Site List

	A	B	C	D	G	H	I	J	K	L
	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
490	120	MANHATTAN AVE	2nd St		13					
491	200	MANHATTAN AVE	2nd St; Bayview curb ponding water; shoot el???? RB2G		113					
492	204	MANHATTAN AVE	??? How much sidewalk to replace		375					
493	300	MANHATTAN AVE			220					
494	408	MANHATTAN AVE	?? Tv line sunken concrete		95					
495	420	MANHATTAN AVE	5th Street; ?? Tv line sunken concrete RB2G		50					
496	501	MANHATTAN AVE			138					
497	506	MANHATTAN AVE	TV LID		30					
498	615	MANHATTAN AVE			65					
499	1101	MANHATTAN AVE	gas lids (3)		325					
500	1148	MANHATTAN AVE	TV BOX on 12th STREET	75	0					
501	1151	MANHATTAN AVE	12th STREET		10					
502	1201	MANHATTAN AVE	12th STREET		10					
503	1317	MANHATTAN AVE			79					
504	1320	MANHATTAN AVE	roots raising concrete; broken meter box		79					
505	1401	MANHATTAN AVE			25					
506	1411	MANHATTAN AVE	valve lid		61					
507	2200	MANHATTAN AVE	2 OLD WATER METER LIDS		0					
508	2513	MANHATTAN AVE			50					
509	2519	MANHATTAN AVE	PARKING LOT (NORTH OF)		38					
510	2520	MANHATTAN AVE			42					
511	2709	MANHATTAN AVE			77					
512	2900	MANHATTAN AVE			24					
513	3100	MANHATTAN AVE			150					
514	3400	MANHATTAN AVE			325					
515	3405	MANHATTAN AVE	ROOTS LIFTING UP CONCRETE - GRIND RAMP AT 34TH PLACE AND MANHATTAN AVE		30					

Sction Site List

	A	B	C	D	G	H	I	J	K	L
	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
516	3600	MANHATTAN AVE	ON 36TH STREET - TREE GROWING IN CONCRETE - ROOTS LIFTING CONCRETE		25					
517	3601	MANHATTAN AVE			87					
518	3621	MANHATTAN AVE			43					
519	201	MANHATTAN BEACH BLVD	raised ground tree cover on Manhattan concrete replacement		23					
520	333	MANHATTAN BEACH BLVD	on Morningside		13					
521	451	MANHATTAN BEACH BLVD	on Valley		20					
522	113	MARINE AVENUE	NE MARINE OCEAN RED CURB		0			1		
523	117	MARINE AVENUE			24					
524	120	MARINE AVENUE			40					
525	124	MARINE AVENUE			15					
526	128	MARINE AVENUE	2 WATER METER LID		11					
527	132	MARINE AVENUE			9					
528	200	MARINE AVENUE	RESIDENTS WONT HAVE ACCESS TO GARAGE		63	4				
529	208	MARINE AVENUE	2 WATER METER LID		40					
530	212	MARINE AVENUE			9					
531	220	MARINE AVENUE			21					
532	221	MARINE AVENUE	13, 21		0					
533	225	MARINE AVENUE	PROPERTY LINE NAIL		6					
534	436	MARINE AVENUE			60					
535	100	MORNINGSIDE DRIVE	on 1st Street		30					
536	112	MORNINGSIDE DRIVE			25			1		
537	115	MORNINGSIDE DRIVE	add NS ramp on 1st Place, and add ADA ramp on 2nd Street		200			2		
538	1018	MORNINGSIDE DRIVE			76					
539	1201	MORNINGSIDE DRIVE	12th PLACE		0					9
540	621	OCEAN DRIVE			60					

Sction Site List

	A	B	C	D	G	H	I	J	K	L
	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
541	1112	OCEAN DRIVE			25					
542	2920	OCEAN DRIVE			25					
543	3521	OCEAN DRIVE	ON 36TH STREET		12					
544	3804	OCEAN DRIVE			0				13	
545	4222	OCEAN DRIVE			9					
546										
547										
548										
549										
550	MIDDLE SCHOOL	Redondo Avenue			32					
551	MIDDLE SCHOOL	Redondo Avenue			88					
552	MIDDLE SCHOOL	Redondo Avenue			69					
553	MIDDLE SCHOOL	Redondo Avenue			80					
554	MIDDLE SCHOOL	Redondo Avenue			64					
555	MIDDLE SCHOOL	Redondo Avenue			60					
556	MIDDLE SCHOOL	Redondo Avenue			48					
557	MIDDLE SCHOOL	Redondo Avenue			80					
558	MIDDLE SCHOOL	Redondo Avenue			28					
559	MIDDLE SCHOOL	Redondo Avenue			16					
560	MIDDLE SCHOOL	Redondo Avenue			112					
561	MIDDLE SCHOOL	Redondo Avenue			48					
562	MIDDLE SCHOOL	Redondo Avenue			64					
563	MIDDLE SCHOOL	Redondo Avenue			32					
564	MIDDLE SCHOOL	Redondo Avenue			80					
565	MIDDLE SCHOOL	Redondo Avenue			44					
566	MIDDLE SCHOOL	Redondo Avenue			112					
567	MIDDLE SCHOOL	Redondo Avenue			96					
568	104	ROSECRANS AVENUE			20					
569	117	ROSECRANS AVENUE			17					
570	120	ROSECRANS AVENUE			11					

Sction Site List

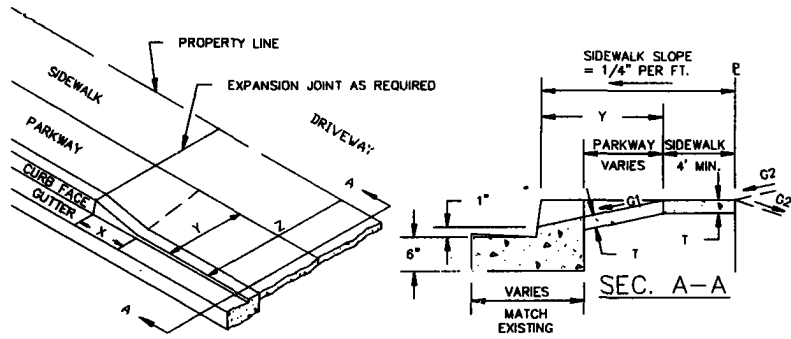
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	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
571	121	ROSECRANS AVENUE			15					
572	125	ROSECRANS AVENUE			40					
573	220	ROSECRANS AVENUE	TV BOX RB2G		6					
574	320	ROSECRANS AVENUE	WATER METER (2)		30					
575	500	ROSECRANS AVENUE	WONT HAVE ACCESS TO DRIVEWAY	24	0					
576	540	ROSECRANS AVENUE			56					
577	NA	ROWELL & 10TH	N/E standard, S/E standard		0			2		
578	NA	ROWELL & 11TH	N/W standard, N/E standard, S/W standard, S/E standard		0			4		
579	NA	ROWELL & 2ND	N/W standard		0			1		
580	NA	ROWELL & 3RD	S/E standard		0			1		
581	NA	ROWELL & 5TH	S/E standard		0			1		
582	NA	ROWELL & 6TH	N/W standard, S/W standard		0			2		
583	NA	ROWELL & 9TH	N/E standard		0			1		
584		Rowell at Gates	S/W corner non-compliant ramp, build new		0			1		
585		Rowell at Gates	SE corner, no ramp, build new		0			1		
586	105	S. VALLEY DRIVE			25					
587	215	S. VALLEY DRIVE	on Valley Drive		16					
588	232	Sea View St			12			1	1	
589	1147	SEPULVEDA BLVD			168					
590	1151	SEPULVEDA BLVD			90					
591	1203	SEPULVEDA BLVD			270					
592	1209	SEPULVEDA BLVD			152					
593	1215	SEPULVEDA BLVD			239					
594	1301	SEPULVEDA BLVD			70					
595	1307	SEPULVEDA BLVD		216	144		6			
596	1401	SEPULVEDA BLVD			117					
597	1405	SEPULVEDA BLVD			76					
598	1415	SEPULVEDA BLVD			24					

Sction Site List

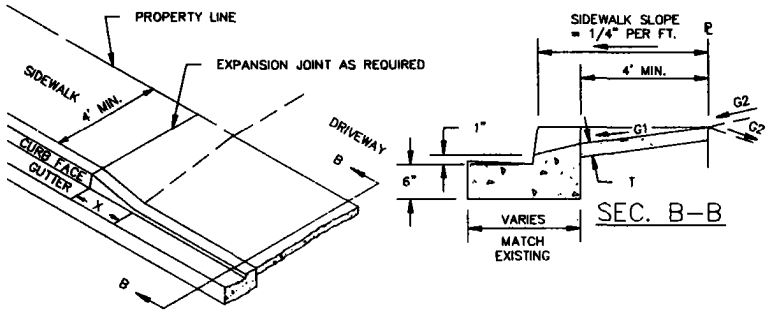
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	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
599	1417	SEPULVEDA BLVD			26					
600	1419	SEPULVEDA BLVD			169					
601	1501	SEPULVEDA BLVD			205					
602	1505	SEPULVEDA BLVD		90	0		15			
603	1605	SEPULVEDA BLVD	WITH CURB DRAIN	36	72		12			
604	1721	SEPULVEDA BLVD			198					
605	1904	SEPULVEDA BLVD			115					
606	1908	SEPULVEDA BLVD			324					
607	231	Shell Street			0			1	1	
	300	THE STRAND	tree ground cover messed up and tree gone		30	25				
608										
609	1322	THE STRAND	R&R WHOLE WALKWAY		1100					
610	1400	THE STRAND	R&R WHOLE WALKWAY		550					
611	1422	THE STRAND			45					
612	1620	THE STRAND			310					
613	1700	THE STRAND			85	5				
614	1820	THE STRAND			450	5				
615	2120	THE STRAND	RAMP ON CORNER RED CURB		0			1		
616	2200	THE STRAND	NW MARINE OCEAN RED CURB		9			1		
617	2420	THE STRAND			375					
618	2500	THE STRAND			225					
619	2520	THE STRAND	TV LID		180					
620	2700	THE STRAND	PARKING LOT (SOUTH OF)		36					
621	2820	THE STRAND	ON 30TH STREET		33					
622	2920	THE STRAND	ON 30TH STREET		80					
623	3000	THE STRAND	ON 30TH STREET		33					
624	3520	THE STRAND	ON 36TH STREET		10					
625	3620	THE STRAND	ON ROSECRANS 18" CURB		28		9			
626	3700	THE STRAND			18		21			
627	3712	THE STRAND			0				20	

Sction Site List

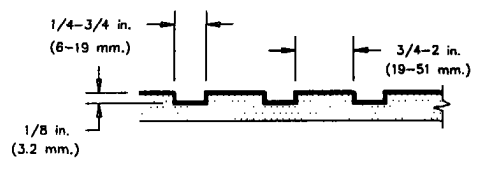
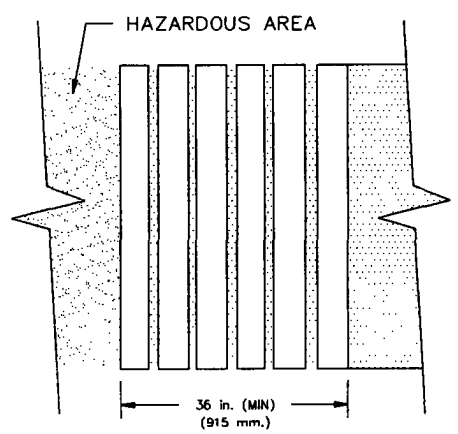
	A	B	C	D	G	H	I	J	K	L
	JOB ADDRESS	JOB STREET NAME	Notes	dvwy 6" sf	s/w 4" sf	C&G 6" lf	c&g 8" lf	ADA ramp ea	Xgutter	Spandrel
1										
628	3720	THE STRAND	BROKEN CABLE TV BOX		15					
629	3800	THE STRAND	38TH ST / OCEAN MESSED UP STREET		0					144
630	3802	THE STRAND	RAMPS OCEAN AND 38TH		48					
631	3820	THE STRAND	ON OCEAN DR		3		3.5			
632	3824	THE STRAND			9					
633	2100	THE STRAND			95					
634	1200	THE STRAND	12th STREET		60					
635	917	VALLEY DRIVE	2 water meter		16					
636	921	VALLEY DRIVE			18					
637	1011	VALLEY DRIVE			16					
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CASE I
PARKWAY, SIDEWALK BACK FROM CURB



CASE II
SIDEWALK ADJACENT TO CURB



PLAN OF DETECTABLE WARNING SURFACE

NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION," MOST RECENT EDITION, AND ALL SUPPLEMENTS THERETO AND TO THE SATISFACTION OF THE ENGINEER. Δ
2. PORTLAND CEMENT CONCRETE SHALL BE 5.5 SACK, CLASS C, 2500 psi.
3. $G1 = G2 = 15\% \text{ MAX.}$, $G1 \pm G2 = 15\% \text{ MAX.}$ UNLESS OTHERWISE APPROVED BY THE ENGINEER. Δ
4. "X" = 2'-6" FOR 6" CURB; "X" = 3'-0" FOR 8" CURB AND ALL COMMERCIAL.
5. "Y" SHALL EXTEND FROM CURB FLOW LINE TO FRONT EDGE OF SIDEWALK UNLESS DISTANCE IS LESS THAN 4' IN WHICH CASE "Y" SHALL EXTEND TO CENTER OR INSIDE EDGE OF SIDEWALK AS DIRECTED BY THE ENGINEER. Δ
6. "T" = 6" FOR ALL DRIVEWAY APPROACHES.
7. DRIVEWAY MAXIMUM WIDTH = 20'; MINIMUM WIDTH = 10'. **(RESIDENTIAL)**
8. EXISTING CONCRETE SHALL BE SAWCUT AT NEAREST SCORE MARK PRIOR TO RMOVAL.
9. SCORE SIDEWALK 1/4" DEEP TO MATCH EXISTING SCORING, OR AT 5' INTERVALS IF NO SCORING EXISTS. LONGITUDINAL SCORING REQUIRED WHEN "2" IS GREATER THAN 10'.
10. NOTIFY STREETS DIVISION AT LEAST 24 HOURS IN ADVANCE FOR INSPECTION PRIOR TO FORMING, PLACING CONCRETE, AND FINAL INSPECTION. $\textcircled{2}$
11. FINISH SHALL BE LIGHT BROOM ON SIDEWALK AREA AND MEDIUM BROOM OR FLOAT FINISH ON APPROACH AREA.
12. ALL ABANDONED DRIVEWAY APPROACHES SHALL BE REMOVED AND REPLACED WITH STANDARD CURB, GUTTER, AND SIDEWALK.
13. WHERE A COMMERCIAL DRIVEWAY IS USED AS A SIDEWALK, A 3 FOOT WIDE DETECTABLE WARNING SURFACE MUST BE CONSTRUCTED ALONG THE FULL WIDTH OF THE DRIVEWAY, PARALLEL TO THE STREET. $\textcircled{3}$

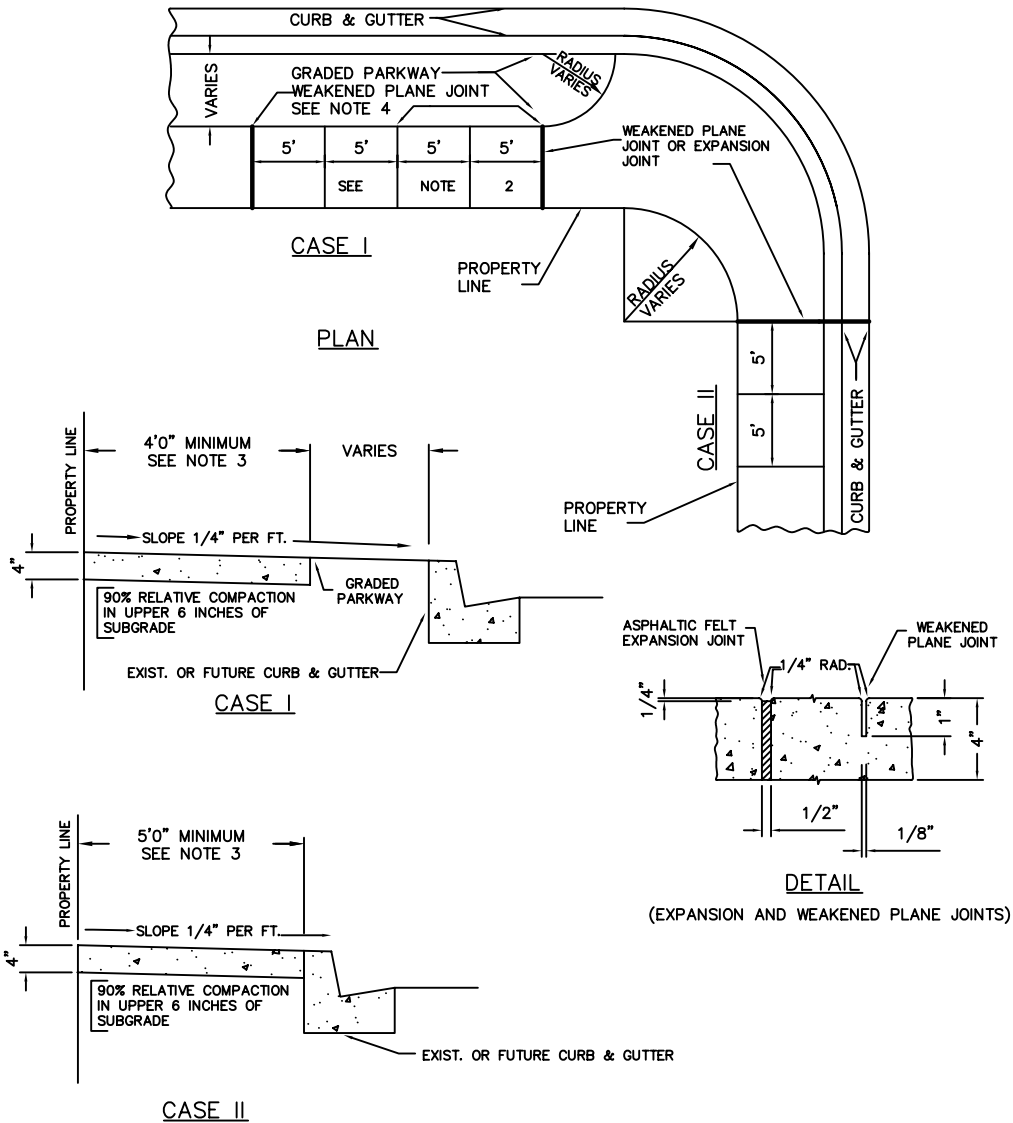
DRAWN BY: GLEN	MAR. 1994
<u>REVISIONS</u>	
Δ REMOVE THE WORD "CITY" FROM CITY ENGINEER. NOTE-1,3, & 5. 3-23-88 GOLEM	
$\textcircled{2}$ CHANGE THE WORD ENGINEERING DIVISION TO BE STREET DIVISION. 3-23-88 GOLEM	
$\textcircled{3}$ ADD NOTE #13.	

CITY OF MANHATTAN BEACH
DEPARTMENT OF PUBLIC WORKS
STANDARD DRIVEWAY APPROACH

APPROVED _____

BY: _____
CITY ENGINEER

ST-1



NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION." MOST RECENT EDITION, AND ALL SUPPLEMENTS THERTO AND TO THE SATISFACTION OF THE ENGINEER. ①
2. PORTLAND CEMENT CONCRETE SHALL BE 5.5 SACK, CLASS C, 2500 psi.
3. MINIMUM STANDARD WIDTH SHALL BE SHOWN IN CASES I AND II. GREATER WIDTHS MAY BE ALLOWED UPON APPROVAL OF ENGINEER. ① MINIMUM STANDARD THICKNESS SHALL BE 4".
4. WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED AT INTERVALS OF 10 LINEAL FEET OR AS DESIGNATED BY THE ENGINEER. ① SHALL BE A MINIMUM OF ONE INCH IN DEPTH AND SHALL COINCIDE WITH SCORE MARKS. SCORE MARKS SHALL BE AT INTERVALS OF FIVE FEET, TO THE DEPTH OF 1/4 INCH. UPON APPROVAL OF ENGINEER, ① SCORE MARKS MAY MATCH EXISTING SCORE PATTERN OR THE IMMEDIATE VICINITY.
5. EXPANSION JOINTS WHERE APPLICABLE SHALL BE 1/2 INCH ASPHALTIC FELT COMPOUND AND SHALL GENERALLY BE AT LINES WHERE THE PAVEMENT SECTION CHANGES IN WIDTH OR DEPTH.
6. FINISH SHALL BE LIGHT BROOM AT RIGHT ANGLES TO THE CURB LINE.
7. EXISTING CONCRETE SHALL BE SAWCUT AT NEAREST SCORE MARK PRIOR TO REMOVAL.

Drawn By: David Funk 6-12-01

**CITY OF MANHATTAN BEACH
DEPARTMENT OF PUBLIC WORKS
STANDARD SIDEWALK**

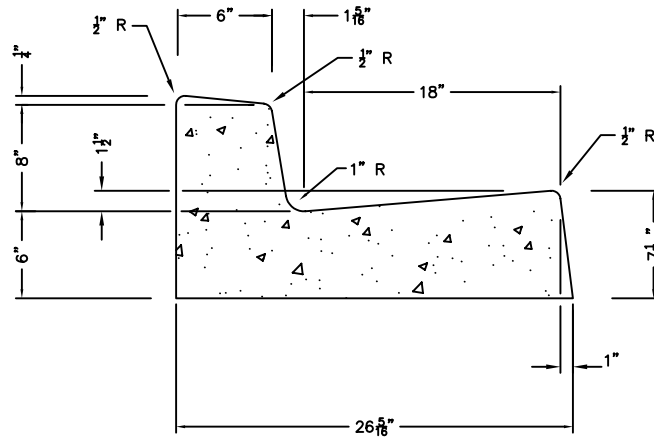
REVISIONS
① REMOVE THE WORD "CITY" FROM THE LINE CITY ENGINEER. NOTE - 1,3,&4 3-23-88

APPROVED BY:

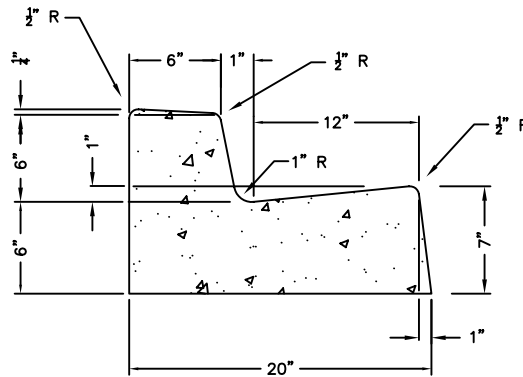
CITY ENGINEER

DATE

ST-2



STANDARD 8" CURB AND 18" GUTTER



STANDARD 6" CURB AND 12" GUTTER

NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION." MOST RECENT EDITION, AND ALL SUPPLEMENTS THERTO TO THE SATISFACTION OF THE ENGINEER.
2. PORTLAND CEMENT CONCRETE SHALL BE 5.5 SACK, CLASS C, 2500 psi.
3. WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED AT INTERVALS OF 10 FEET OR AS DESIGNATED BY THE ENGINEER, SHALL BE A MINIMUM OF ONE INCH IN DEPTH AND SHALL, WHERE PRACTICABLE, COINCIDE WITH THE SCORELINES ON ADJACENT SIDEWALK SURFACES.
4. EXPANSION JOINTS WHERE APPLICABLE SHALL BE 1/2 INCH THICK ASPHALTIC FELT COMPOUND AND SHALL GENERALLY BE PLACED AT LINES WHERE THE SECTION CHANGES IN THICKNESS OF WIDTH.
5. FINISH SHALL BE FINE BRUSH PARALLEL TO THE CURB LINE AND TROWEL SMOOTH FINISH FOR THE 4 INCH WIDE GUTTER FLOWLINE.
6. CURB CUTS LESS THAN 8' IN LENGTH MUST HAVE PRIOR APPROVAL OF THE PUBLIC WORKS DEPARTMENT AND MUST BE DOWELED AT EACH END WITH #4 DOWEL INTO EXISTING CURB WITH EPOXY (MIN. EMBED. = 6").

Drawn By: David Funk 6-12-01

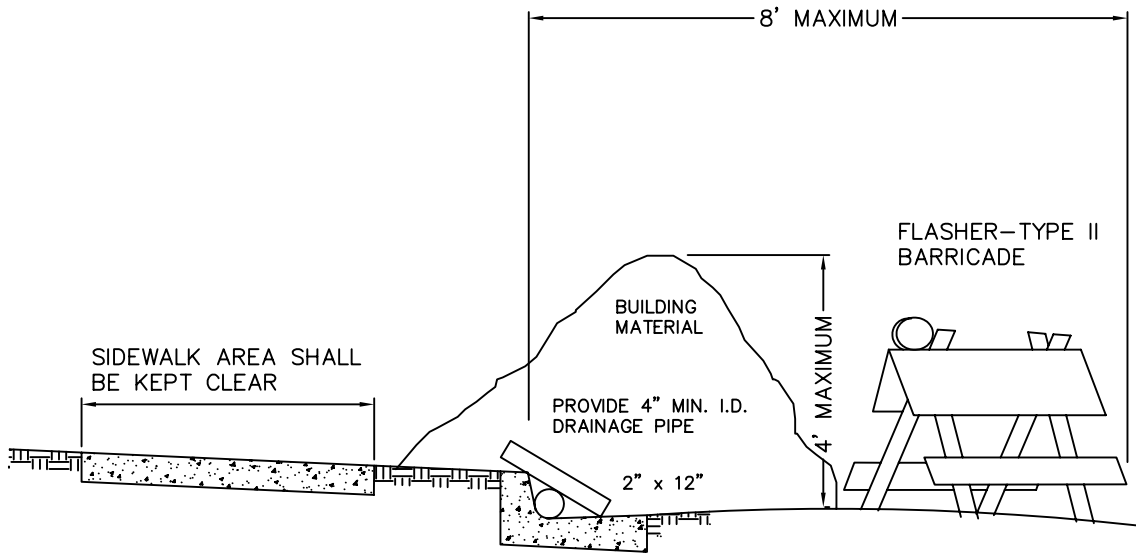
CITY OF MANHATTAN BEACH
DEPARTMENT OF PUBLIC WORKS
STANDARD CURB AND GUTTER

APPROVED BY:

CITY ENGINEER

DATE

ST-3



1. WHERE CURB PARKING IS RESTRICTED OR PROHIBITED, MATERIALS SHALL NOT BE STORED IN THE ROADWAY DURING THE HOURS OF RESTRICTION.
2. BUILDING MATERIALS MAY INCLUDE SAND, GRAVEL, LUMBER, SOIL, OR ANY OTHER MATERIALS USED IN CONSTRUCTION, AS WELL AS CONSTRUCTION EQUIPMENT.
3. DRAINAGE SHALL BE MAINTAINED BY PLACING A PIPE OF 4" MINIMUM DIAMETER AND A 2"x12" BOARD AS SHOWN ON THIS DIAGRAM.
4. THE SIDEWALK AREA AND JOB SITE SHALL BE KEPT CLEAN OF ALL RUBBISH AND DEBRIS, AND THE SITE SHALL BE CLEANED PROMPTLY WHEN SO NOTIFIED BY THE CITY.
5. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE TYPE II FLASHER BARRICADES AS DIRECTED BY THE ENGINEER OR HIS AGENT.
6. FAILURE TO COMPLY WITH ANY OF THE CONDITIONS DEPICTED ON THIS STANDARD MAY RESULT IN THE CITY IMPOUNDING SAID MATERIALS AND/OR EQUIPMENT, OR CAUSING THE AREA TO BE CLEARED AT THE CONTRACTOR'S EXPENSE.
7. MATERIAL STORED ON THE STREET MUST COMPLY WITH NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS.

Drawn By: David Funk 5-17-01

CITY OF MANHATTAN BEACH
DEPARTMENT OF PUBLIC WORKS

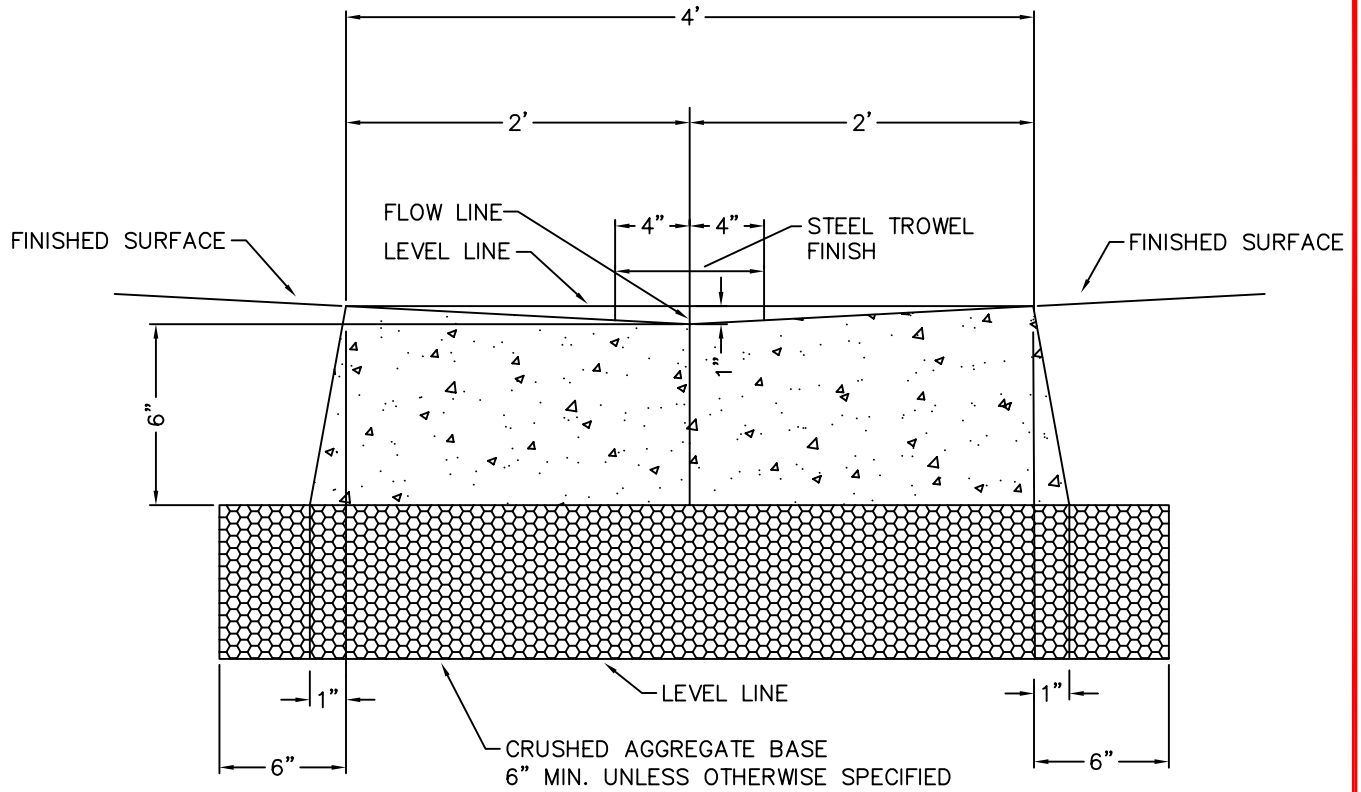
STANDARD STREET ENCROACHMENT DIAGRAM

APPROVED BY:

CITY ENGINEER

DATE

ST-8



NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS COSTRUCTION, MOST RECENT EDITION, ALL SUPPLIMENTS THERTO AND TO THE SATISFACTION OF THE ENGINEER.
2. PORTLAND CEMENT CONCRETE SHALL BE 520 C-2500.
3. EXPANSION JOINTS WHERE APPLICABLE SHALL BE 1/2 INCH ASPHALTIC FELT COMPOUND.
4. FINISH SHALL BE LIGHT BROOM AND TROWEL SMOOTH FINISH FOR 4 INCHES OF FLOW LINE.
5. ANY CUT LESS THAN 8' IN LENGTH MUST HAVE PRIOR APPROVAL OF THE PUBLIC WORKS DEPARTMENT AND MUST BE DOWELED AT EACH END WITH 2-#4 DOWELS INTO EXISTING GUTTER WITH EPOXY (MIN. EMBED. = 6")

Drawn By: David Funk 6-12-01

CITY OF MANHATTAN BEACH
DEPARTMENT OF PUBLIC WORKS

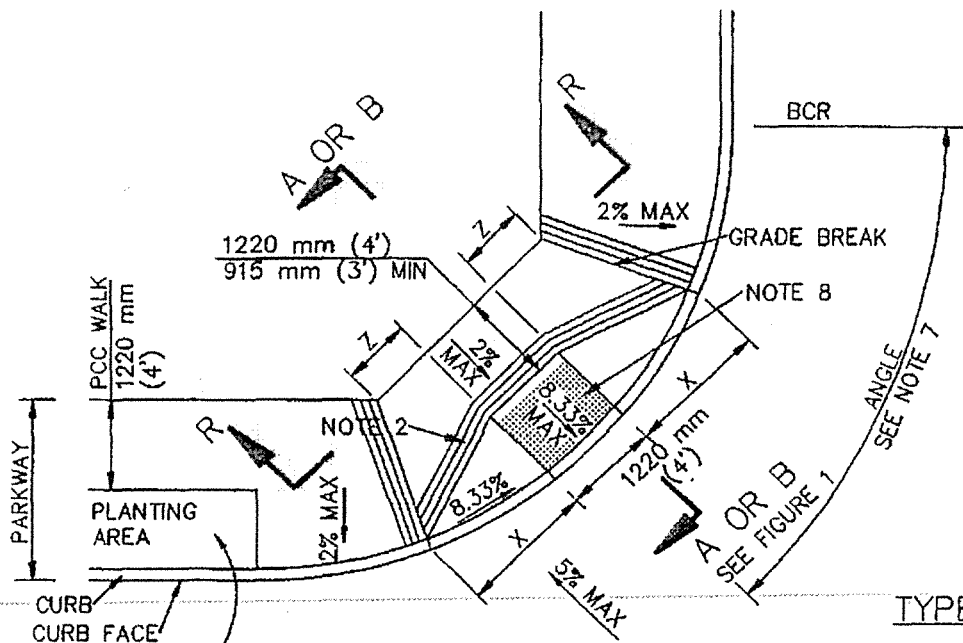
STANDARD CROSS-GUTTER

APPROVED BY:

CITY ENGINEER

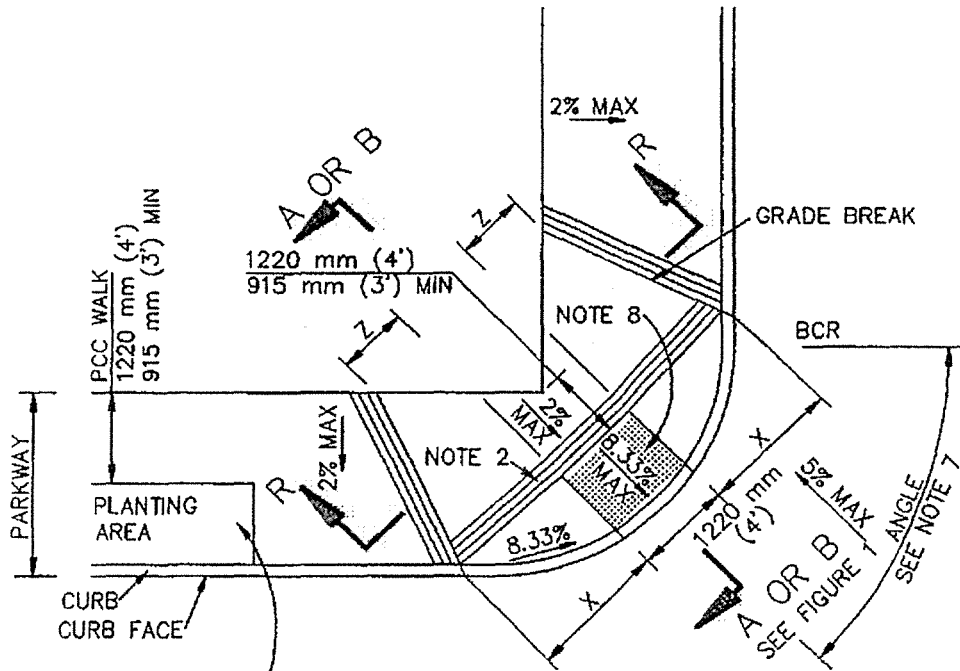
DATE

ST-12



WHERE PLANTING AREA IS ADJACENT TO THE CURB RAMP, USE CASE A, TYPE 6

TYPE 3



WHERE PLANTING AREA IS ADJACENT TO THE CURB RAMP, USE CASE A, TYPE 6

TYPE 4

CASE A

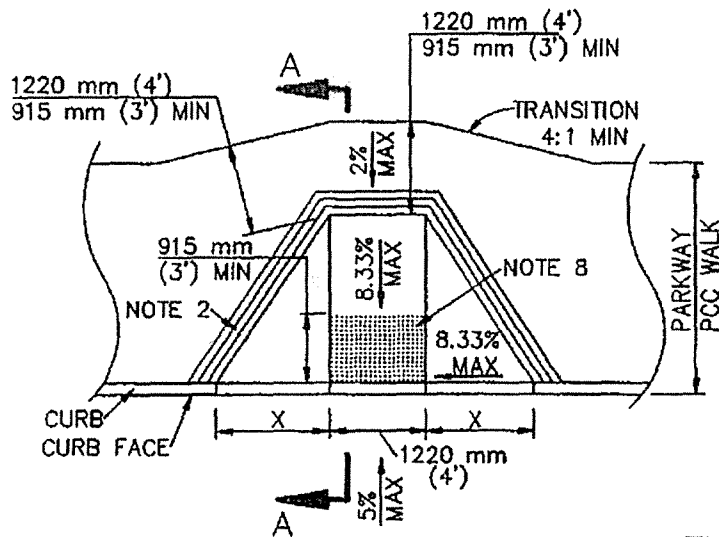
STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN
METRIC

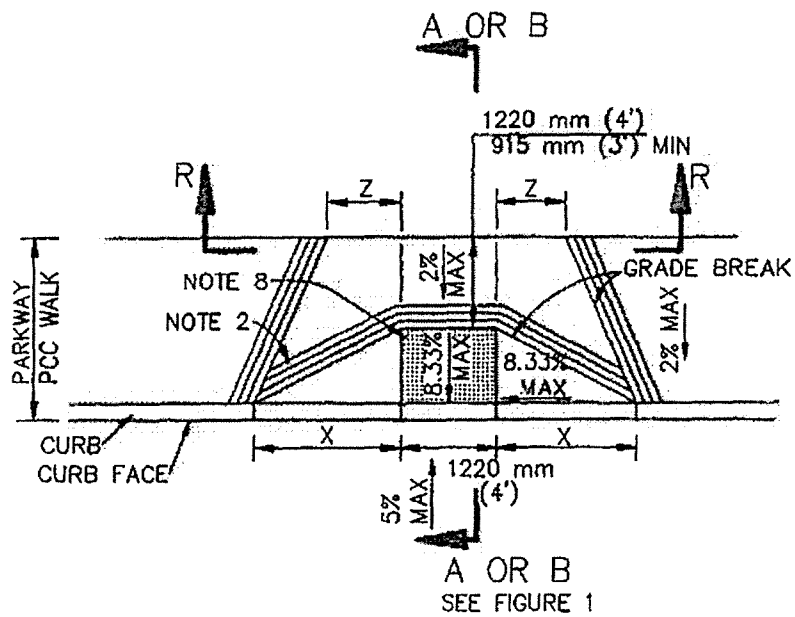
CURB RAMP

111-3

SHEET 2 OF 10



TYPE 1

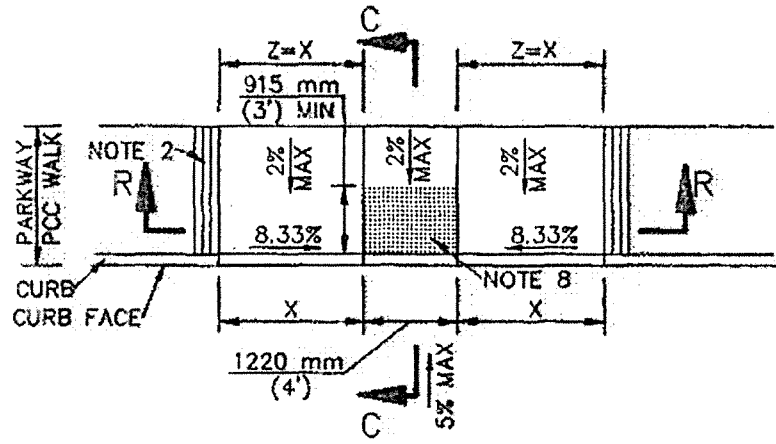


A OR B
SEE FIGURE 1

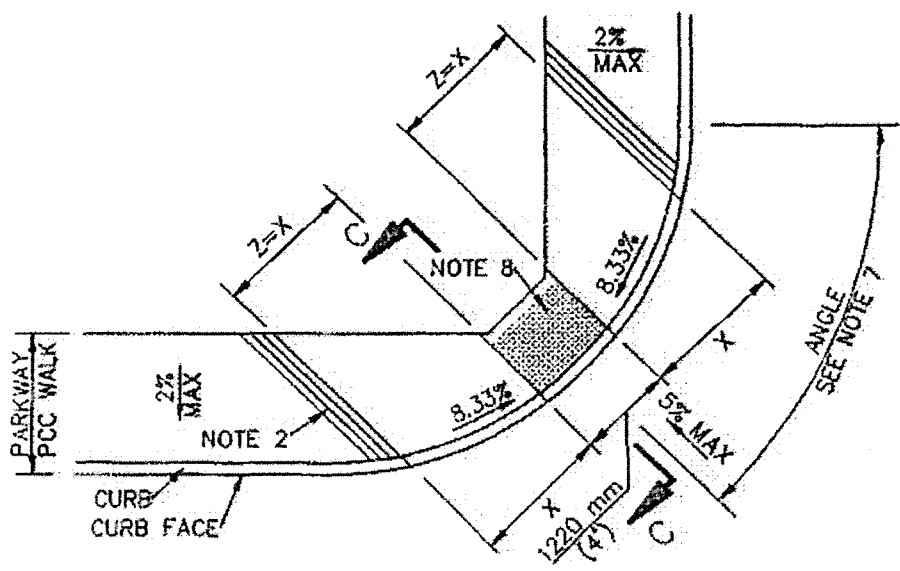
TYPE 2

CASE A

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION		
PROMULGATED BY THE PUBLIC WORKS STANDARDS INC. GREENBOOK COMMITTEE 1992 REV. 1996, 2000, 2006	<h2 style="margin: 0;">CURB RAMP</h2>	STANDARD PLAN METRIC <h1 style="margin: 0;">111-3</h1> SHEET 1 OF 10
USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION		



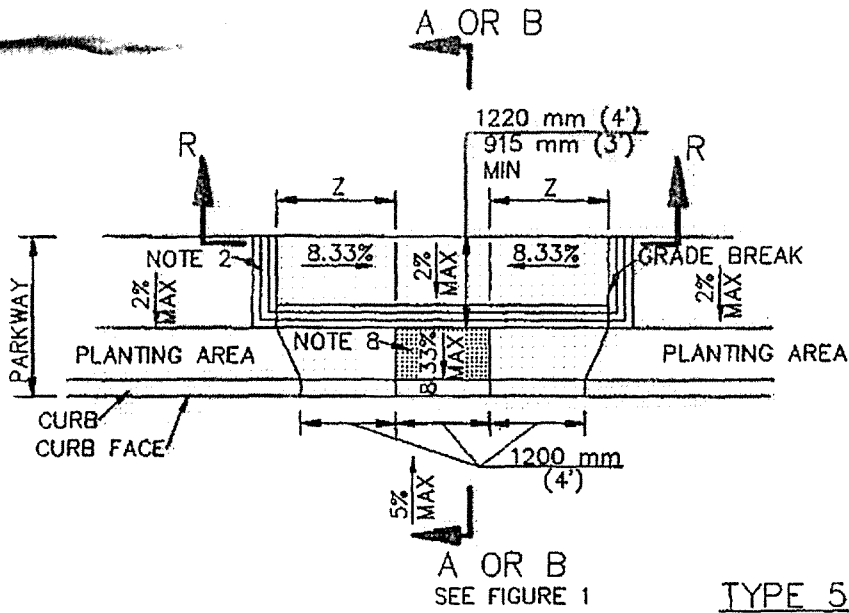
TYPE 1



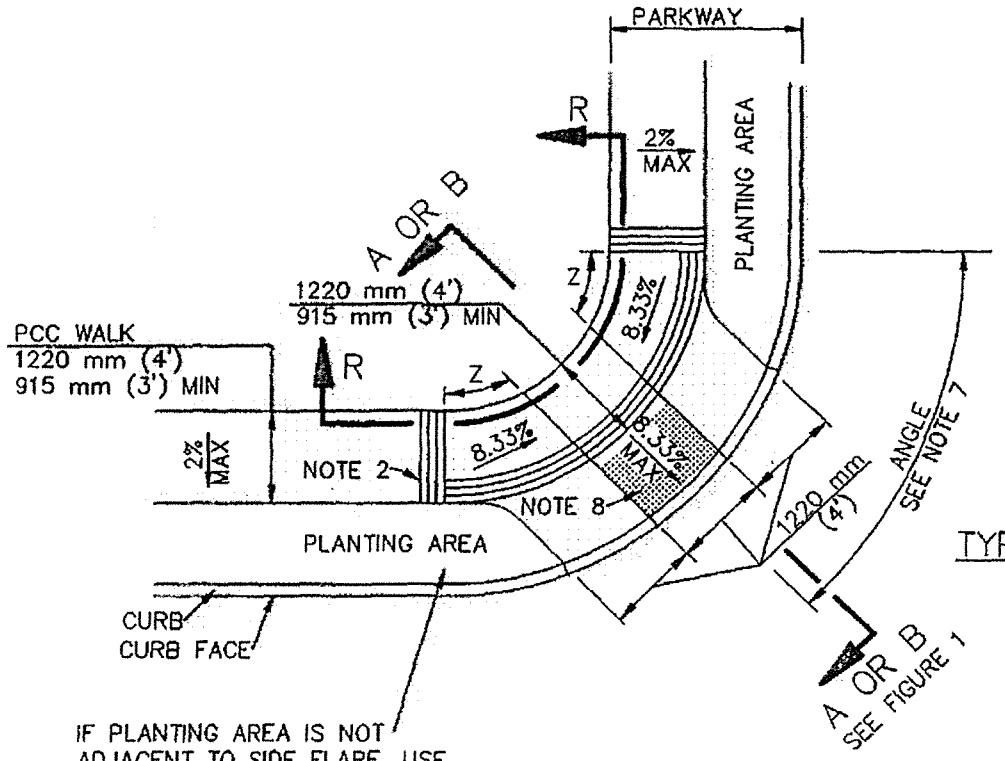
TYPE 2

CASE B

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION		STANDARD PLAN METRIC
CURB RAMP		111-3
		SHEET 4 OF 10



TYPE 5

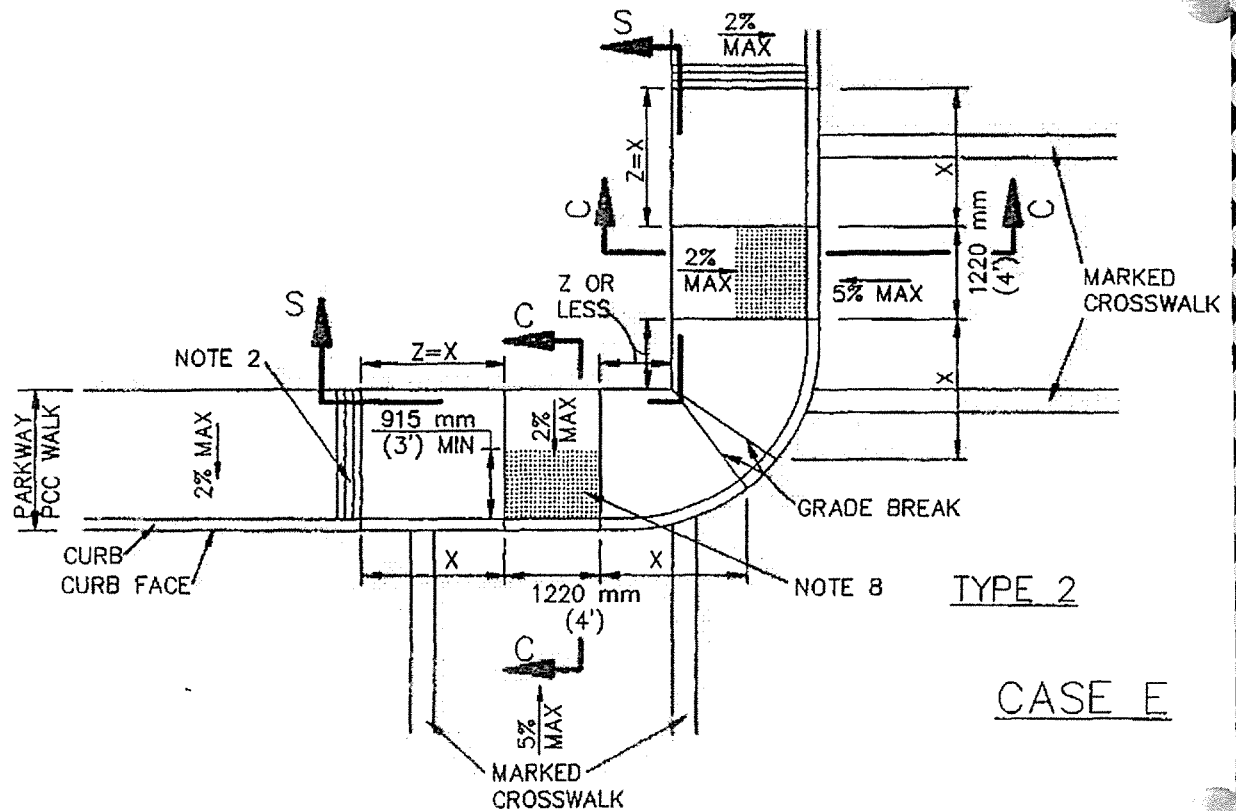
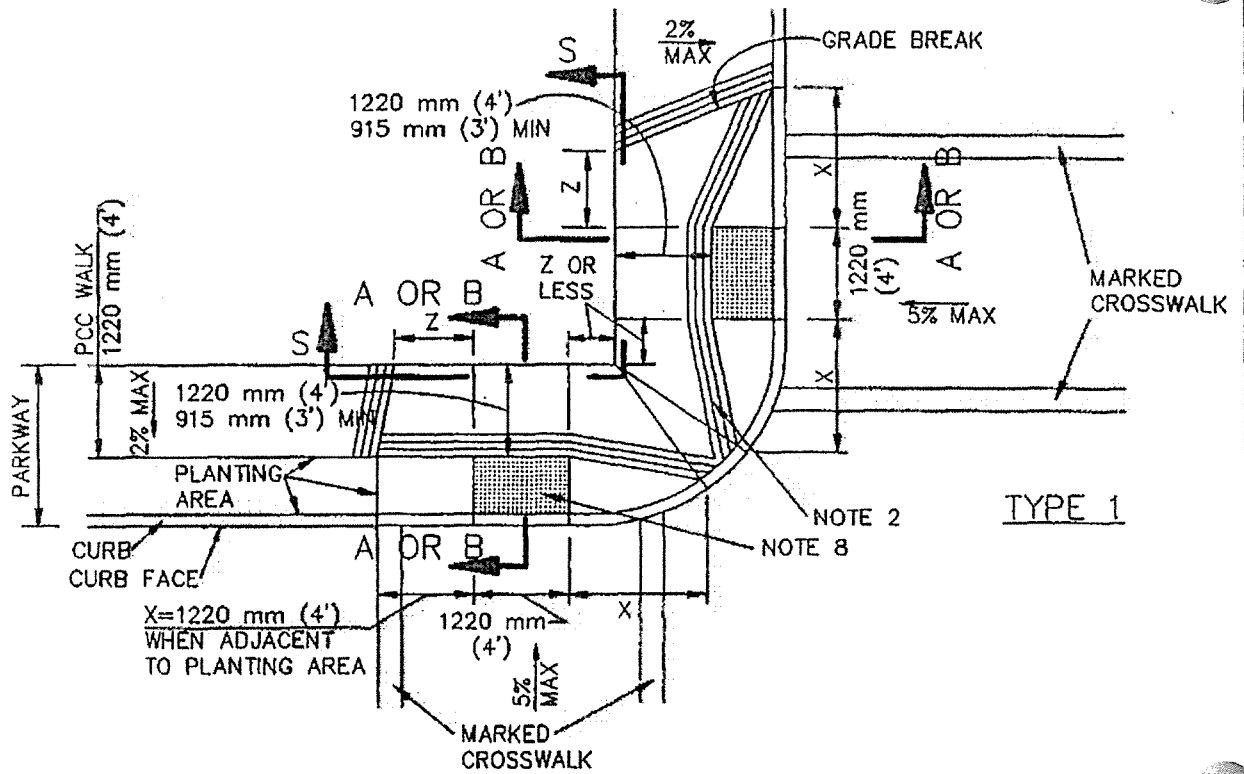


TYPE 6

IF PLANTING AREA IS NOT ADJACENT TO SIDE FLARE, USE "X" PER TABLE 2 FOR THAT FLARE

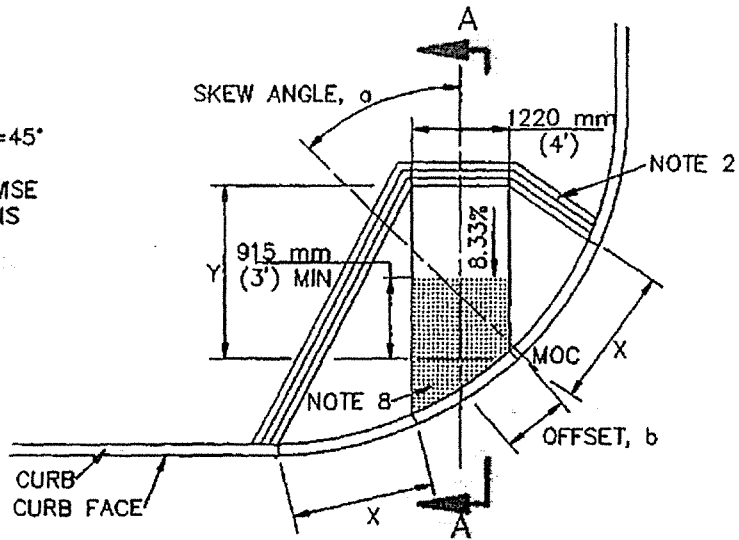
CASE A

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION		STANDARD PLAN METRIC
CURB RAMP		111-3
		SHEET 3 OF 10

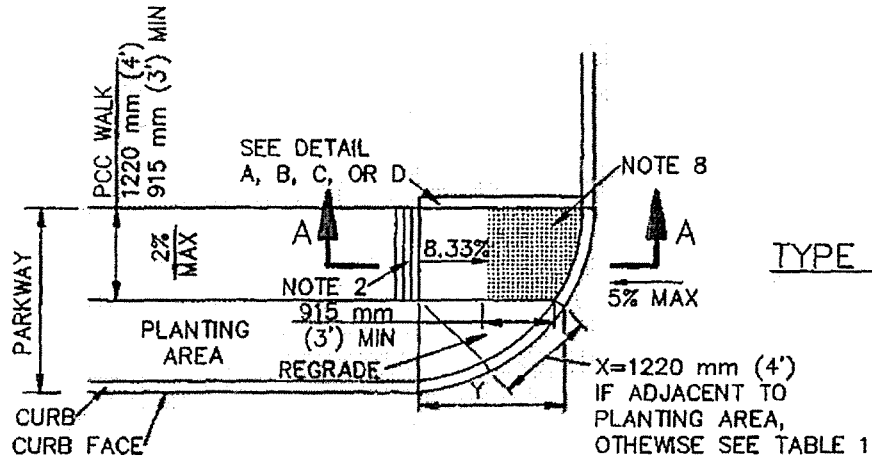


STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION	STANDARD PLAN METRIC
CURB RAMP	111-3 SHEET 6 OF 10

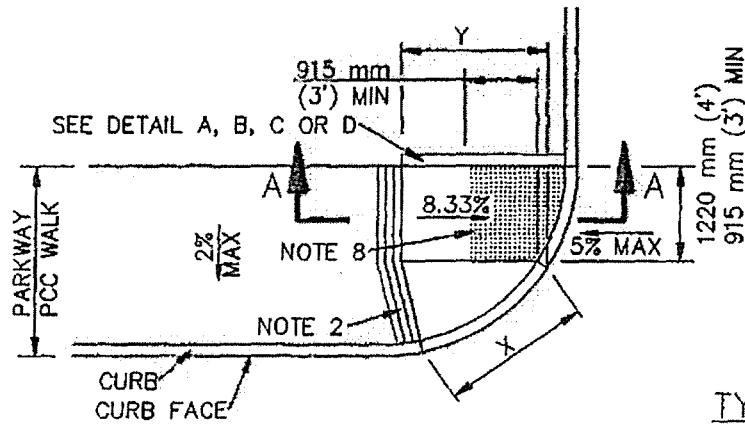
SKEW ANGLE $\alpha=45^\circ$
 OFFSET $b=0$
 UNLESS OTHERWISE
 NOTED ON PLANS



CASE C



TYPE 1



TYPE 2

CASE D

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

CURB RAMP

STANDARD PLAN
 METRIC

111-3

SHEET 5 OF 10

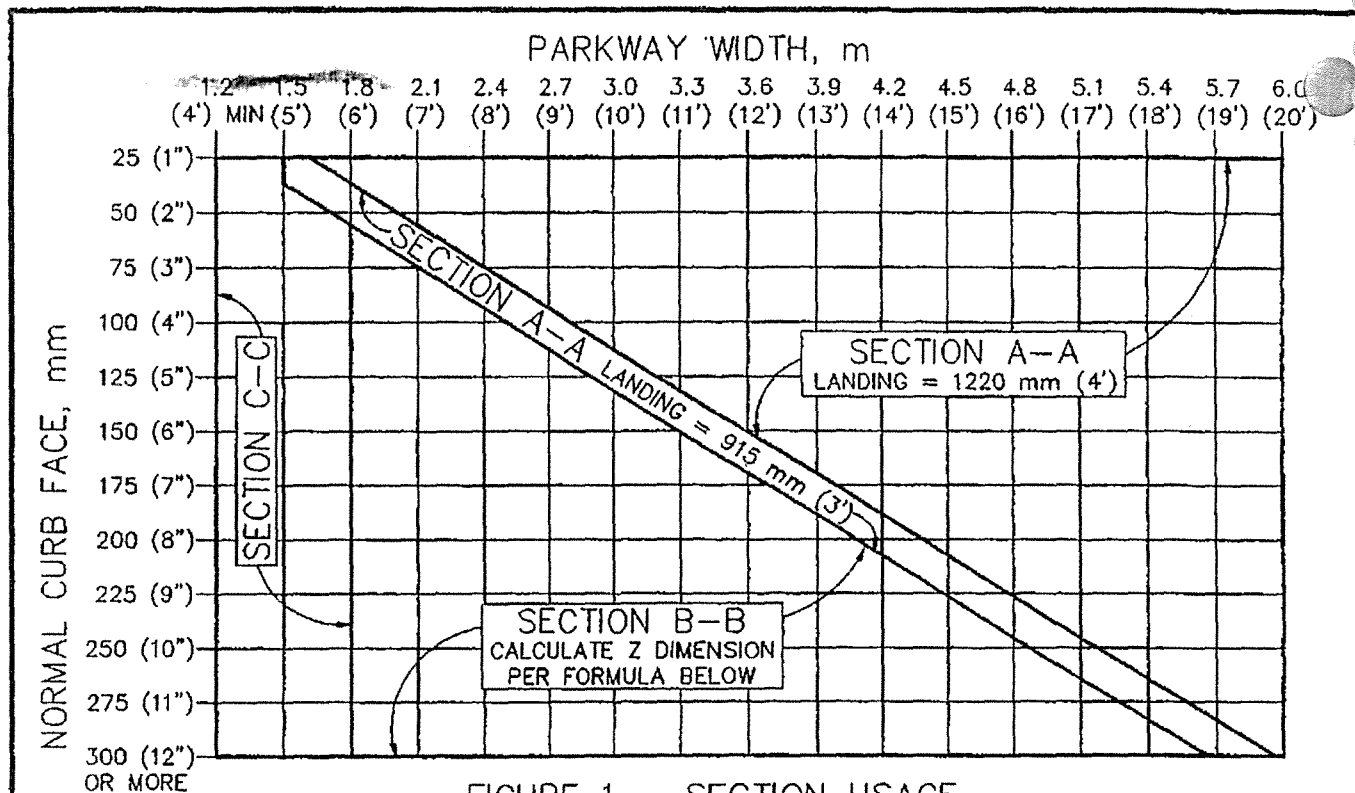


FIGURE 1 - SECTION USAGE

NORMAL CURB FACE, mm (INCHES)	X, mm (FT)	SECTION Y-Y, Y, mm (FT)
50 (2")	1200 (4.00') MIN	790 (2.63')
75 (3")	1200 (4.00') MIN	1185 (3.95')
100 (4")	1200 (4.00')	1580 (5.26')
125 (5")	1500 (5.00')	1975 (6.58')
150 (6")	1800 (6.00')	2370 (7.90')
175 (7")	2100 (7.00')	2765 (9.21')
200 (8")	2400 (8.00')	3160 (10.53')
225 (9")	2700 (9.00')	3555 (11.84')
250 (10")	3000 (10.00')	3950 (13.16')
275 (11")	3300 (11.00')	4340 (14.47')
300 (12")	3600 (12.00')	4735 (15.79')

WHERE FIGURE 1 SHOWS USE OF SECTION B-B, FIGURE DIMENSION AS FOLLOWS:

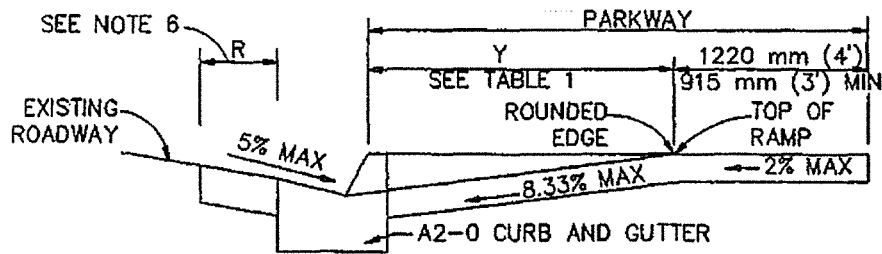
W = PARKWAY WIDTH
 L = LANDING WIDTH, 1220 mm (4') TYP, 915 mm (3') MIN
 $Z = [(Y+L)-W] \times 0.760$
 IF $(Y+L) < W$, THEN $Z = 0$

TABLE 1 SHOWS X FOR A FLARE SLOPE OF 8.33% AT THE CURB FACE. IF L IS 1220 mm (4') OR MORE, X MAY BE MULTIPLIED BY 0.833 FOR A MAXIMUM FLARE SLOPE OF 10% AT THE CURB FACE.

SEE SHEET 9 FOR STREET SLOPE ADJUSTMENT FACTORS, ALL STREETS

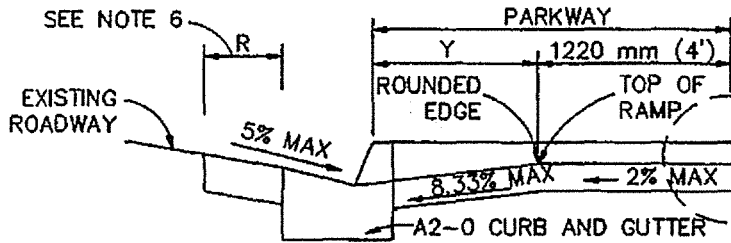
TABLE 1 - X AND Y VALUES

TABLE 1 REFERENCE FORMULAS:
 $X = CF / 8.333\%$
 $Y = CF / (8.333\% - 2\% \text{ WALK CROSS SLOPE})$



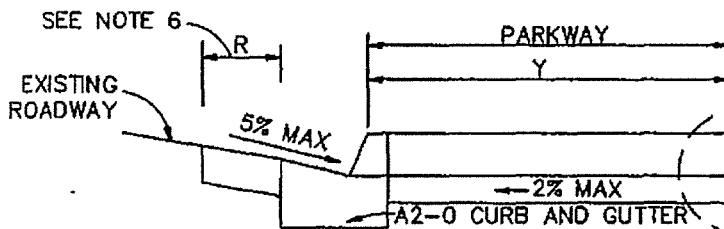
SECTION A-A

USE FIGURE 1 TO DETERMINE WHICH OF SECTIONS A-A, B-B OR C-C IS APPROPRIATE.



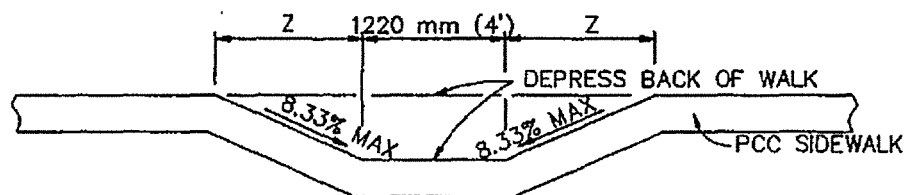
SECTION B-B

DEPRESS BACK OF WALK SEE DETAIL A, B, C OR D, SHEET 10.

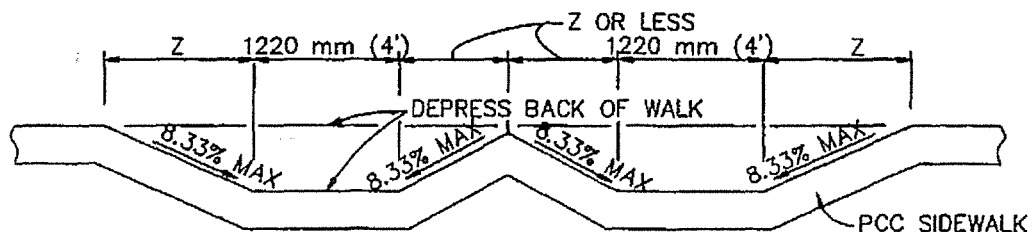


SECTION C-C

DEPRESS BACK OF WALK SEE DETAIL A, B, C OR D, SHEET 10.



SECTION R-R



SECTION S-S

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

CURB RAMP

STANDARD PLAN METRIC

111-3

SHEET 7 OF 10

AGREEMENT

THIS AGREEMENT is made this _____ day of May, 2012 by the CITY OF MANHATTAN BEACH, a municipal corporation, ("CITY"), and RBF Consulting, a consultant, ("CONSULTANT").

RECITALS

The following recitals are a substantive part of this Agreement:

1. City is desirous of obtaining services necessary to Provide Construction Inspection Services For Section 7 Concrete Repair Project
2. CONSULTANT is qualified by virtue of experience, training, education, and expertise to accomplish these services.

AGREEMENT

THE PARTIES MUTUALLY AGREE AS FOLLOWS:

1. **Term of Agreement.** This Agreement shall terminate upon completion of Scope of Services, unless earlier terminated as provided below.
 - 1.1 **Termination.** CITY and CONSULTANT shall have the right to terminate this Agreement, without cause, by giving fifteen (15) days written notice. Upon receipt of a termination notice, CONSULTANT shall:
 - (1) Promptly discontinue all services affected (unless the notice directs otherwise); and
 - (2) Promptly deliver all data, reports, estimates, summaries, and such other information and materials as may have been accumulated by CONSULTANT in performing the Agreement to CITY, whether completed or in progress. CONSULTANT shall be entitled to reasonable compensation for the services it performs up to the date of termination.
2. **Services to be Provided.** The services to be provided hereunder shall be ***those set forth in Exhibit "A", Scope of Work***, which is attached hereto and incorporated herein by this reference.
3. **Compensation.** CONSULTANT shall be compensated as follows:

3.1 Amount. Compensation under this Agreement shall not exceed Fourty Four Thousand Three Hundred Fifty Five Dollars (\$44,355.00).

3.2 Payment. For work under this Agreement, payment shall be made per monthly invoice. For extra work not a part of this Agreement, written authorization by CITY will be required, **[payment shall be based on hourly rates in Exhibit "B"]**.

3.3 Expenses. CONSULTANT shall not be entitled to any additional compensation for expenses.

4. Professional Standards. CONSULTANT shall maintain or exceed the level of competency presently maintained by other similar practitioners in the State of California, for professional and technical soundness, accuracy and adequacy of all work, advice, and materials furnished under this Agreement.

5. Time of Performance. CONSULTANT shall complete all services required hereunder as and when directed by CITY **[as set forth in Exhibit "C"]**. However, CITY in its sole discretion may extend the time for performance of any service.

6. Employees and Subcontractors. CONSULTANT may, at CONSULTANT'S sole cost and expense, employ such other person(s) as may, in the opinion of CONSULTANT, be needed to comply with the terms of this Agreement, if such person(s) possess(es) the necessary qualifications to perform such services. If such person(s) is/are employed to perform a portion of the scope of work, the engagement of such person(s) shall be subject to the prior approval of the CITY.

7. Insurance Requirements.

7.1 Commencement of Work. CONSULTANT shall not commence work under this Agreement until it has obtained CITY approved insurance. Before beginning work hereunder, during the entire period of this Agreement, for any extensions hereto, and for periods after the end of this Agreement as indicated below, CONSULTANT must have and maintain in place, all of the insurance coverages required in this Section 7. CONSULTANT'S insurance shall comply with all items specified by this Agreement. Any subcontractors shall be subject to all of the requirements of this Section 7 and CONSULTANT shall be responsible to obtain evidence of insurance from each subcontractor and provide it to CITY before the subcontractor commences work.

All insurance policies used to satisfy the requirements imposed hereunder shall be issued by

insurers authorized to do business in the State of California. Insurers shall have a current A.M. Best's rating of not less than A-:VII unless otherwise approved by CITY.

7.2 Coverages, Limits and Policy Requirements.
CONSULTANT shall maintain the types of coverages and limits indicated below:

(1) COMMERCIAL GENERAL LIABILITY INSURANCE - a policy for occurrence coverage, including all coverages provided by and to the extent afforded by Insurance Services Office Form CG 0001 ed. 11/88 or 11/85, with no special limitations affecting CITY. The limit for all coverages under this policy shall be no less than one million dollars (\$1,000,000.00) per occurrence. CITY, its employees, officials and agents, shall be added as additional insureds by endorsement to the policy. The insurer shall agree to provide the City with thirty (30) days prior written notice of any cancellation, non-renewal or material change in coverage. The policy shall contain no provision that would make this policy excess over, contributory with, or invalidated by the existence of any insurance, self-insurance or other risk financing program maintained by CITY. In the event the policy contains such an "other insurance" clause, the policy shall be modified by endorsement to show that it is primary for any claim arising out of the work performed under this Agreement. The City of Manhattan Beach Insurance Endorsement Form No. 1 (General Liability) must be executed by the applicable insurance underwriters.

(2) COMMERCIAL AUTO LIABILITY INSURANCE - a policy including all coverages provided by and to the extent afforded by Insurance Services Office form CA 0001, ed. 12/93, including Symbol 1 (any auto) with no special limitations affecting the CITY. The limit for bodily injury and property damage liability shall be no less than one million dollars (\$1,000,000) per accident. CITY, its employees, officials and agents, shall be added as additional insureds by endorsement to the policy. The insurer shall agree to provide the City with thirty (30) days prior written notice of any cancellation, non-renewal or material change in coverage. The policy shall contain no provision that would make this policy excess over, contributory

with, or invalidated by the existence of any insurance, self-insurance or other risk financing program maintained by CITY. In the event the policy contains such an "other insurance" clause, the policy shall be modified by endorsement to show that it is primary for any claim arising out of the work performed under this Agreement. The City of Manhattan Beach Insurance Endorsement Form No. 2 (Auto) must be executed by the applicable insurance underwriters.

(3) WORKERS' COMPENSATION INSURANCE - a policy which meets all statutory benefit requirements of the Labor Code, or other applicable law, of the State of California. Employers Liability Insurance with a minimum limit of no less than one million dollars (\$1,000,000) per claim. The policy shall contain, or be endorsed to include, a waiver of subrogation in favor of CITY.

(4) PROFESSIONAL ERRORS & OMISSIONS - a policy with minimum limits of one million dollars (\$1,000,000) per claim and aggregate. This policy shall be issued by an insurance company which is qualified to do business in the State of California and contain a clause that the policy may not be canceled until thirty (30) days written notice of cancellation is mailed to CITY.

7.3 Additional Requirements. The procuring of such required policies of insurance shall not be construed to limit CONSULTANT'S liability hereunder, nor to fulfill the indemnification provisions and requirements of this Agreement. There shall be no recourse against CITY for payment of premiums or other amounts with respect thereto. CITY shall notify CONSULTANT in writing of changes in the insurance requirements. If CONSULTANT does not deposit copies of acceptable insurance policies with CITY incorporating such changes within sixty (60) days of receipt of such notice, CONSULTANT shall be deemed in default hereunder.

Any deductibles or self-insured retentions must be declared to and approved by CITY. Any deductible exceeding an amount acceptable to CITY shall be subject to the following changes:

- (1) either the insurer shall eliminate, or reduce, such deductibles or self-insured

retentions with respect to CITY and its officials, employees and agents (with additional premium, if any, to be paid by CONSULTANT) ; or

- (2) CONSULTANT shall provide satisfactory financial guarantee for payment of losses and related investigations, claim administration, and defense expenses.

7.4 Verification of Compliance. CONSULTANT shall furnish CITY with original endorsements effecting coverage required by this Agreement. The endorsements are to be signed by a person authorized by the insurer to bind coverage on its behalf. All endorsements are to be received and approved by CITY before work commences. Not less than fifteen (15) days prior to the expiration date of any policy of insurance required by this Agreement, CONSULTANT shall deliver to CITY a binder or certificate of insurance with respect to each renewal policy, bearing a notation evidencing payment of the premium therefor, or accompanied by other proof of payment satisfactory to CITY.

8. Non-Liability of Officials and Employees of the CITY. No official or employee of CITY shall be personally liable for any default or liability under this Agreement.

9. Non-Discrimination. CONSULTANT covenants there shall be no discrimination based upon race, color, creed, religion, sex, marital status, age, handicap, national origin, or ancestry, in any activity pursuant to this Agreement.

10. Independent Contractor. It is agreed that CONSULTANT shall act and be an independent contractor and not an agent or employee of CITY, and shall obtain no rights to any benefits which accrue to CITY'S employees.

11. Compliance with Law. CONSULTANT shall comply with all applicable laws, ordinances, codes, and regulations of the federal, state, and local government.

12. Ownership of Work Product. All documents or other information created, developed or received by CONSULTANT shall, for purposes of copyright law, be deemed works made for hire for CITY by CONSULTANT as CITY'S employee(s) for hire and shall be the sole property of CITY. CONSULTANT shall provide CITY with copies of these items upon demand and in any event, upon termination or expiration of the term of this Agreement.

13. Conflict of Interest and Reporting. CONSULTANT shall at all times avoid conflict of interest, or appearance of conflict of interest, in performance of this Agreement.

14. **Notices**. All notices shall be personally delivered or mailed to the below listed addresses. These addresses shall be used for delivery of service of process.

a. Address of CONSULTANT is as follows:

RBF Consulting
14725 Alton Parkway
Irvine, CA 92618-2027

b. Address of CITY is as follows:

City of Manhattan Beach
1400 Highland Ave
Manhattan Beach, CA 90266

(with a copy to):

City Attorney
City of Manhattan Beach
1400 Highland Avenue
Manhattan Beach, CA 90266

15. **Consultant's Proposal**. This Agreement shall include CONSULTANT'S proposal or bid which is incorporated herein. In the event of any inconsistency between the terms of the proposal and this Agreement, this Agreement shall govern.

16. **Licenses, Permits, and Fees**. CONSULTANT shall obtain a Manhattan Beach Business License, all permits, and licenses as may be required by this Agreement.

17. **Familiarity with Work**. By executing this Agreement, CONSULTANT warrants that:

- (1) it has investigated the work to be performed;
- (2) it has investigated the site of the work and is aware of all conditions there; and
- (3) it understands the difficulties and restrictions of the work under this Agreement. Should CONSULTANT discover any conditions materially differing from those inherent in the work or as represented by CITY, it shall immediately inform CITY and shall not proceed, except at CONSULTANT'S risk, until written instructions are received from CITY.

18. **Time of Essence**. Time is of the essence in the performance of this Agreement.

19. **Limitations Upon Subcontracting and Assignment**. Neither this Agreement, or any portion, shall be assigned by

CONSULTANT without prior written consent of CITY.

20. **Authority to Execute.** The persons executing this Agreement on behalf of the parties warrant that they are duly authorized to execute this Agreement.

21. **Indemnification.**

21.1. **Indemnity for Design Professional Services.** CONSULTANT is considered a "design professional" as that term is defined in Civil Code Section 2782.8. In connection with its design professional services, CONSULTANT shall hold harmless and indemnify CITY, and its elected officials, officers, employees, servants, designated volunteers, and those CITY agents serving as independent Consultants in the role of CITY officials (collectively, "Indemnitees"), with respect to any and all claims, demands, damages, liabilities, losses, costs or expenses, including reimbursement of attorneys' fees and costs of defense (collectively, "Claims" hereinafter), including but not limited to Claims relating to death or injury to any person and injury to any property, which arise out of, pertain to, or relate to in whole or in part to the negligence, recklessness, or willful misconduct of CONSULTANT or any of its officers, employees, subcontractors, or agents in the performance of its design professional services under this Agreement.

21.2 **Other Indemnities.** In connection with any and all claims, demands, damages, liabilities, losses, costs or expenses, including attorneys' fees and costs of defense (collectively, "Damages" hereinafter) not covered by Section 21.1, CONSULTANT shall defend, hold harmless and indemnify the Indemnitees with respect to any and all Damages, including but not limited to, Damages relating to death or injury to any person and injury to any property, which arise out of, pertain to, or relate to the acts or omissions of CONSULTANT or any of its officers, employees, subcontractors, or agents in connection with the performance of this Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. With respect such Claims, CONSULTANT shall defend CITY, with counsel of CITY's choice, at CONSULTANT's own cost, expense, and risk and shall pay and satisfy any judgment, award, or decree that may be rendered against CITY. CONSULTANT shall reimburse CITY for any and all legal expenses and costs actually incurred by each of them in connection therewith or in enforcing the indemnity herein provided. CONSULTANT's obligation to indemnify shall not be restricted to insurance proceeds, if any, received by CONSULTANT or CITY. All duties of CONSULTANT under this Section shall survive termination of this Agreement.

22. **Modification.** This Agreement constitutes the entire agreement between the parties and supersedes any other agreements, oral or written. No promises, other than those included in this Agreement, shall be valid. This Agreement may be modified only by a written agreement executed by CITY and

CONSULTANT.

23. **California Law.** This Agreement shall be construed in accordance with the laws of the State of California. Any action commenced about this Agreement shall be filed in the appropriate branch of the Los Angeles County Municipal or Superior Court.

24. **Interpretation.** This Agreement shall be interpreted as though prepared by both parties.

25. **Preservation of Agreement.** Should any provision of this Agreement be found invalid or unenforceable, the decision shall affect only the provision interpreted, and all remaining provisions shall remain enforceable.

26. **Entire Agreement.** This Agreement supersedes any and all other agreements, either oral or in writing, between the parties with respect to the subject matter herein. Each party to this Agreement acknowledges that representations by any party not embodied herein, and any other agreements, statements, or promises concerning the subject matter of this Agreement, not contained in this Agreement, shall not be valid and binding. Any modification of this Agreement will be effective only if it is in writing signed by the parties. Any issue with respect to the interpretation or construction of this Agreement is to be resolved without resorting to the presumption that ambiguities should be construed against the drafter.

27. **Attorneys' Fees.** In the event that legal action is necessary to enforce the provisions of the Agreement, or to declare the rights of the parties hereunder, the parties agree that the prevailing party in the legal action shall be entitled to recover attorneys' fees and court costs from the opposing party.

IN WITNESS THEREOF, the parties hereto have executed this Agreement on the day and year first shown above.

CONSULTANT

By



Vice President, RBF Consulting

CITY OF MANHATTAN BEACH

By

David N. Carmany, City Manager

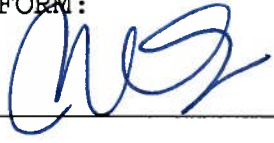
ATTEST:

City Clerk

APPROVED AS TO FORM:

City Attorney

Public Works Approval





City Hall 1400 Highland Avenue Manhattan Beach, CA 90266-4795
Telephone (310) 802-5000 FAX (310) 802-5001 TDD (310) 546-3501

April 9, 2012

Re: Request for Proposal for
Area 7 Concrete Replacement Project
Inspection Services

Dear Consultant:

BACKGROUND:

The City of Manhattan Beach will perform a concrete replacement project in the Sand Section of the City (Area 7) starting in May 2012. The City has consistently administered large scale sidewalk repair projects to coordinate with its slurry seal maintenance districts. Notices are made to property owners individually notifying them of the City's sidewalk repair ordinance and the property owner's responsibility to maintain sidewalks. Owners are given the option to repair their sidewalks through a privately retained contractor or through the City's publicly bid and administered repair program. The City administers this sidewalk repair program and individual property owners are billed upon completion of the project for work performed adjacent to their property.

The current contract consists of 99 ADA access ramps, 36,000 square feet of 4" sidewalk at various locations, and smaller quantities of standard curb and gutter and 6" inch driveway.

SCOPE OF SERVICES:

The City seeks consultant services to perform full time construction inspection services for a 45 day project to complete the concrete replacements.

The successful Consultant will be expected to work with City staff and the contractor hired through a public bidding process to measure quantities and verify that the repairs are constructed in accordance to the plans and specifications for the project

It is expected that the inspector would perform the following:

1. Meetings

The consultant shall coordinate and conduct the following meetings, including notification to contractor, utility agencies, the City Project Manager and other stakeholders, and prepare the meeting agenda and minutes:

- (1) Pre-Construction Meeting
- (2) Weekly Construction Meetings (with City, contractor and necessary stakeholders)
- (3) Field Meetings
- (4) Other necessary meetings

2. Reports

(1) **Inspector's Daily Report:**

The daily observation report shall be typed and include but not limited to the contractor's workforce, material and equipment used, a summary of construction activities, field problems, disputes or claims, resolutions of issues and directions given to the contractor.

(2) **Weekly Statements of Working Days**

(3) **Photographs:**

The consultant is required to have a digital camera on site and take ample pictures of the daily activities and field situations that may lead to possible property owner or contractor disputes or claims. Photos of all work locations shall also be taken before construction begins and upon completion of the project.

Consultant shall submit the completed Inspector's Daily Reports and construction photos to the City on Monday morning the following week.

3. Project Files

The consultant shall maintain an organized, complete and current project file and shall be available to the City at all times.

4. Material Testing

Receive weighmaster certificates, disposal tickets, computations and reference materials submitted by the Contractor.

As an option, the Consultant shall be prepared to order materials sampling and testing to verify compliance with the plans and specifications.

5. Change Orders

Each issue, which is identified as a potential change to the design, scope, cost or contract time will generate change notice. The consultant will determine whether or not a change notice should be considered. Every change order request has to be justified. Upon

approval by the City, the consultant will prepare, log and process change orders for full execution, and administer their implementation.

6. Progress Payment Processing

The consultant shall verify replacement quantities with the contractor. The contractor shall submit payment request packages to the consultant for review. The consultant would forward complete payment requests to the City for processing.

7. Miscellaneous

The consultant shall also perform, but not limited to, the following duties:

1. Contract Conformance
2. Confirm Contractor notifies Underground Service Alert
3. Confirm resident notification
4. Confirm location and replacement of survey monuments as necessary
5. Confirm work coordinates with utility companies and other outside agencies as applicable
6. Monitor Schedule
7. Monitor Job Site Safety
8. Monitor traffic control, ensure compliance with Work Area Traffic Control Handbook (WATCH)
9. Enforce Storm Water Pollution Prevention Plan (SWPPP)
10. Final job walk, generate punch list and complete corrections
11. Final Inspection
12. Review and approve contractor's "Record Drawing"

8. Project Close-out

The consultant will perform close-out duties including finalization of project files and review and approval of contractor's "Record Drawings".

SELECTION PROCESS:

Three copies of the proposal should be submitted to the Maintenance Superintendent's office by **Tuesday, April 24, 2012 at 5:00 p.m.** Proposals should include the following:

1. Proposed approach to provide services
2. A discussion of the proposed inspector's experience on similar projects.
3. References
4. Cost proposal showing breakdown per work item as well as hourly/unit costs to be applied to extra work.

The proposals will be judged on the following criteria:

1. Qualifications of proposed inspector.
2. Experience with similar projects.
3. Understanding of the scope of work.
4. Quality control

The Maintenance Superintendent will evaluate the proposals and may schedule meetings with proposed inspectors to establish a ranking of responding firms. We anticipate being in the position to recommend awarding a contract to the successful Consultant at the City Council's regularly-scheduled Council meeting on May 15, 2012. Attached to this Request for Proposal is a copy of the City's standard Agreement document. Respondents should be prepared to enter into the attached standard professional services agreement.

Should you have any questions regarding this Request for Proposal, please do not hesitate to contact me at (310) 802-5310.

Sincerely,

Juan Price
Maintenance Superintendent

Attachment: Standard Professional Services Agreement
Section 7 Concrete Repair Contract



COST PROPOSAL
City of Manhattan Beach
Area 7 Concrete Replacement Project
Construction Inspection Services
May 17, 2012

CONSTRUCTION INSPECTION SERVICES		PROPOSED TEAM EFFORT				Total
TASK	TASK DESCRIPTION	Project Team Manager	Construction Inspector	Construction Coordinator	Mileage, Reimbursables	
	hourly rate	\$185.00	\$ 105.00	\$ 95.00	budget	
1.0	PRE-CONSTRUCTION PHASE					
	Project Management		-	-	-	\$ -
	Review PSE & Schedule	-	6	-	-	\$ 630
	Conduct Pre-Construction Meeting	-	2	-	-	\$ 210
	Conduct Field Review, Take Video & Photos	-	4	-	-	\$ 420
	Prepare Project Files	-	4	4	-	\$ 800
	SUBTOTAL	0	16	4	\$ -	\$ 2,060
2.0	CONSTRUCTION PHASE (Field Services 35 work days = 7 weeks)					
	Project Management	4	-	-	-	\$ 740
	Conduct Weekly Progress Meetings	-	17	-	-	\$ 1,785
	Review Contractor's Schedule & Phasing	-	8	-	-	\$ 840
	Assist Contractor in Resident Notification	-	20	-	-	\$ 2,100
	Prepare Daily Reports & Weekly Statements of Working Days	-	55	8	-	\$ 6,535
	Take Digital Photos	-	30	-	-	\$ 3,150
	Verify Quantities and Ensure Quality Control	-	155	-	500	\$ 16,775
	Coordinate with Utility Companies	-	8	-	-	\$ 840
	Schedule & Monitor Material Testing	-	8	-	-	\$ 840
	Monitor Contractor's Safety Plan & Traffic Control Plan	-	16	-	-	\$ 1,680
	Confirm Location & Replacement of Survey Monumentation	-	8	-	-	\$ 840
	Monitor SWPPP	-	8	-	-	\$ 840
	Review Progress Payments	-	8	-	-	\$ 840
	Review Contractor's As-Builts / Record Drawings	-	8	-	-	\$ 840
	Review Change Orders	-	8	-	-	\$ 840
	SUBTOTAL	4	357	8	\$ 500	\$ 39,485
3.0	PROJECT CLOSE-OUT					
	Prepare Final Construction File	-	8	8	-	\$ 1,600
	Conduct Final Inspection, Prepare Punch List, Ensure Completion	-	4	-	-	\$ 420
	Process Final Progress Payment, Review As-Builts / Record Drawings	2	4	-	-	\$ 790
	SUBTOTAL	2	16	8	\$ -	\$ 2,810
	TOTAL	6	389	20	\$ 500	\$ 44,355

Notes:

Services based upon 45 continuous working days of construction.

Based upon full time construction inspection.

Surveying and Material Testing provided by others.

Hourly rates valid through December 31, 2012.