

SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA



ITEM
3.20
(ID # 6516)

MEETING DATE:

Tuesday, March 27, 2018

FROM : TLMA-TRANSPORTATION:

SUBJECT: TRANSPORTATION AND LAND MANAGEMENT AGENCY - TRANSPORTATION
DEPARTMENT: Approve Addenda to Plans and Specifications; Accept the Low
Bid and Award the Contract for the Construction of Slurry Seal Project at various
locations, FY 2017/18 Part 2, 4th and 5th Districts; [\$2,953,539 total]; Local
Funds 100%.(Companion Item to MT Item 6518)

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve four addenda to the plans and specifications issued prior to the January 17, 2018, bid opening; and
2. Accept the low bid of Pavement Coatings Co. of Jurupa Valley, CA in the amount of \$2,953,539; and
3. Award the contract to Pavement Coatings Co. and authorize the Chairman of the Board to execute the contract documents; and
4. Approve the project's proposed budget as shown on Attachment "A."

ACTION: Policy

Patricia Romo, Director of Transportation 3/14/2018

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Jeffries, seconded by Supervisor Tavaglione and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Tavaglione, Washington, Perez and Ashley
Nays: None
Absent: None
Date: March 27, 2018
xc: Transp.

Kecia Harper-Ihem
Clerk of the Board

By:
Deputy

(Companion Item 3.19)

ID# 6516

3.20

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,
STATE OF CALIFORNIA**

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$ 2,000,000	\$ 953,539	\$ 2,953,539	\$ 0
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0
SOURCE OF FUNDS: Gas Tax/HUTA (98.4%), City of Beaumont (1.6%). There are no General Funds used in this project.			Budget Adjustment: No	
			For Fiscal Year: 17/18 -18/19	

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

By Minute Order dated December 5, 2017 (Agenda Item 3.32), the Board of Supervisors authorized the Clerk of the Board to advertise for the construction of the Slurry Seal Project at various locations for Fiscal Year 2017/18 part 2 in the communities of San Timoteo Canyon, Cherry Valley, Cabazon, Coachella Valley and Desert Center.

The slurry seal treatments are provided as preventative maintenance to extend the life of the pavement and postpone more costly pavement rehabilitation. The slurry seal treatments seal small cracks, restore lost flexibility of the pavement surface and helps preserve underlying pavement structure. This project includes various roads located within the 4th and 5th Supervisorial Districts of the County. The specific roads are listed in Attachment "1".

This project proposes Slurry Seal or Microsurfacing surface treatments based on the existing pavement conditions.

The slurry seal treatment consists of an application of a mixture of asphalt emulsion, aggregates, water and other additives over the existing asphalt pavement surface. This work includes road cleaning, crack repairs, application of slurry seal treatment, installation of new thermoplastic crosswalks, replacement of striping, pavement markings and raised pavement markers. All roads will be swept several times, at specified intervals, after the slurry has been applied. The Microsurfacing treatment uses a Microsurfacing Emulsion. The emulsion is "scrubbed" into the pavement with brushes.

Associated with pavement treatment work is a requirement from the Americans with Disabilities Act (ADA) for local agencies to remove barriers at pedestrian street crossings and to upgrade existing curb ramps to current accessibility standards whenever a street is being altered. The Federal Highways Administration has classified cape seal and microsurfacing applications as road alteration work. Slurry seal application is classified as maintenance work and not an alteration. As such, the work included in this project includes the reconstruction of eighty nine (89) existing curb ramps. The specific ramps locations are listed in "Attachment 2".

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,
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During the advertisement period, four addenda were issued to all registered plan holders as a supplement to the plans and specifications. Bidders were required to acknowledge and take into account the issued addenda on their contractor's Bid in order to be considered for award. The Addendum 1 was issued to extend the bid receipt date. Addendum 2 through 4 were issued to clarify and modify the approved contract documents. The addenda are attached and designated as Addendum No. 1, 2, 3, and 4.

The Transportation Department recommends award of the following schedules of work in the Contract amount of \$2,953,539:

Base Bid Schedule: Slurry Seal and associated work on selected County maintained roads.
Alternate Bid Schedule 1: Concrete curb ramps and associated work.
Alternate Bid Schedule 2: Slurry Seal and associated work on selected City of Beaumont maintained roads.

The City of Beaumont (City) has approved and concurred with the bid prices offered by Pavement Coatings Co. Therefore, the reimbursement agreement between the City and County of Riverside is being submitted to the Board of Supervisors for approval concurrent with the award of this project.

The contractor, Pavement Coatings Co. is qualified to perform the work as outlined in the bid, has executed the contract, and has provided bonds and insurance documents, which meet the requirements of the Contract.

Project Numbers: C8-0009 (District 4), C8-0010 (District 5)

Impact on Residents and Businesses

The slurry seal treatment will extend the life of suitable roads and reduce the need for resurfacing, which is ten times more costly. These improvements will provide a smooth and reliable driving surface. The construction is anticipated to begin in the spring of 2018 and will take approximately two and a half months to complete.

SUPPLEMENTAL:

Additional Fiscal Information

The contract is recommended to be awarded to Pavement Coatings Co. for the total amount of \$2,953,539. The slurry seal contract is funded with Gas Tax/HUTA, and City of Beaumont funds.

The proposed budget as shown on Attachment "A" includes the contract award amount and other associated project costs.

There are no General Funds used in this project.

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,
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Contract History and Price Reasonableness

Six bids were received on January 17, 2018, ranging from \$2,953,539 to \$3,385,583. The basis for the selection of a contractor is the lowest responsive and responsible bid.

The lowest responsible bid was submitted by Pavement Coatings Co. in the amount of \$2,953,539 which is \$182,431(6.58%) above the Engineer's Estimate which is slightly above the bid expected range of 5% above the Engineers's Estimate.

ATTACHMENTS:

- Vicinity Map
- Attachment 1 – List of Roads
- Attachment 2 – List of ADA Ramps
- Attachment A
- Contract/Lease/Purchase Summary Data
- Summary of Bids
- Addendum No. 1, 2, 3, and 4
- Contract, bonds, and insurance
- Contractor's Bid Proposal

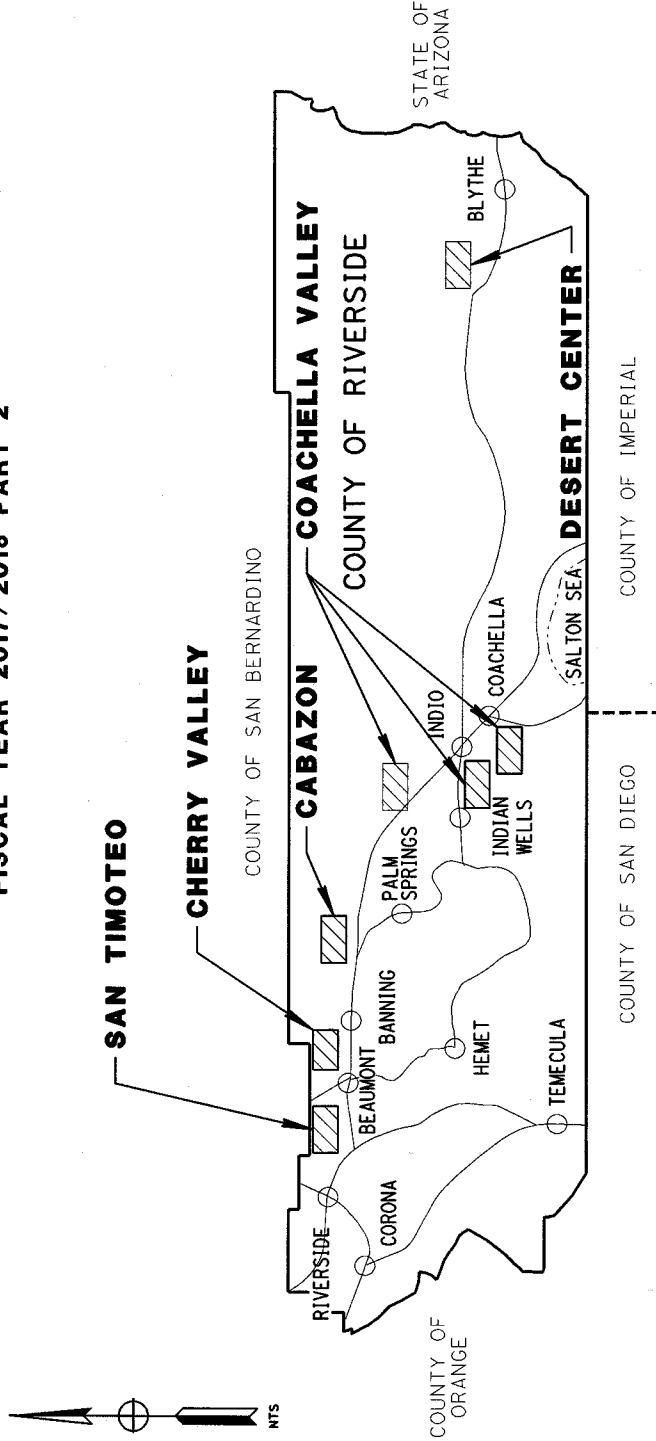


Gregory V. Priapros, Director County Counsel 3/19/2018

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

SLURRY SEAL

SUPERVISOR DISTRICT 4 - C8-0009
SUPERVISOR DISTRICT 5 - C8-0010
FISCAL YEAR 2017/2018 PART 2



VICINITY MAP

Riverside County Contract No. 18-03-003

Contract

THIS CONTRACT is entered into at Riverside, California as of the date set forth below is between County of Riverside hereafter called "County" and Pavement Coatings Co. hereafter called "Contractor".

WITNESSETH

Recitals:

1. Contractor has submitted to County his Contractor's Proposal for the construction of County Project, Slurry Seal Project, For Fiscal Year 2017/2018 Part 2, District 4, Project No. C8-0009, and District 5, Project No. C8-0010, in strict accordance with the Contract Documents identified below and County has accepted said Proposal.
2. Contractor states that he has reexamined his Contractor's Proposal and found it to be correct, has ascertained that his subcontractors are properly licensed and possess the requisite skill and forces, has reexamined the site and Contract Documents and is of the opinion that he can presently do the work in accordance with the Contract Documents for the money set forth in his Proposal to be paid as provided in the Contract Documents.

Agreement:

It is agreed by the parties as follows:

1. Contract Documents

The entire Contract consists of the following: (a) The Construction Contract, (b) The Notice to Bidders, (c) The Instruction to Bidders, (d) The Bid, (e) The Bid Bond, (f) The Payment Bond, (g) The Performance Bond, (h) The General Conditions, (i) The Special Provisions, (j) The Standard Specifications of the State of California Department of Transportation edition of May 2006 as modified in other portions of the Contract Documents and as amended by the State of California Department of Transportation, (k) The Standard Plans of the Department of Transportation identified on the plans or in the Special Provisions, (l) The Plans, (m) Addenda 1, 2, 3, and 4, (n) The Determination of Prevailing Wage Rates for Public Works, (o) Any Change Orders issued, and (p) Any additional or supplemental specifications, notice, instructions and drawings issued in accordance with the provisions of the Contract Documents. All of said Documents presently in existence are by this reference incorporated herein with like effect as if here set forth in full and upon the proper issuance of other documents they shall likewise be deemed incorporated. The Bid Bond is exonerated upon execution of this Contract and the Payment Bond and Performance Bond.

2. The Work

Contractor shall do all tasks necessary to construct the work generally described in Recital No. 1 in accordance with the Contract Documents.

3. Prosecution, Progress and Liquidated Damages

Attention is directed to the provisions in Section 8-1.06, "Time of Completion", and in Section 8-1.07 "Liquidated Damages" of the Standard Specifications and these Special Provisions.

Standard Specification Section 8-1.03, "Beginning of Work" is modified to read as follows:

The Contractor shall begin work within fifteen (15) calendar days, or as revised in the Special Provisions, of the date stated within the written "Notice to Proceed".

The Contractor shall notify the Engineer, in writing, of the Contractor's intent to begin work at least 72 hours before work is begun. If the project has more than one (1) location of work, Contractor shall submit a separate notice for each location. The notice shall be delivered to the Transportation Department's Construction Engineer and shall specify the date the Contractor intends to start at said location.

Should the Contractor begin work in advance of receiving a written "Notice to Proceed", any work performed by the Contractor in advance of the date stated in the "Notice to Proceed" shall be considered as having been done by the Contractor at his own risk and as a volunteer and subject to the following:

- A. The Contractor shall, on commencing operations, take all precautions required for public safety and shall observe all the provisions in the Specifications and the Special Provisions.
- B. All work done according to the Contract, prior to the issuance of the "Notice to Proceed", will be considered authorized work and will be paid for as provided in the contract.
- C. The Contractor shall not be entitled to any additional compensation or an extension of time for any delay, hindrance or interference caused by or attributable to commencement of work prior to the issuance of the "Notice to Proceed".

4. Compensation

Contractor shall be paid in the manner set forth in the Contract Documents the amount of his Proposal as accepted by County, the above rates, subject to additions and deductions as provided in the Contract Documents. Said Proposal is on file in the Office of the Clerk of the Board of Supervisors of County.

**Slurry Seal Project
For Fiscal Year 2017/2018, Part 2
District 4, Project No. C8-0009
District 5, Project No. C8-0010**

Contract

BASE BID

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATE D QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
1	414111	ROUT AND SEAL RANDOM CRACKS	LS	1	161,000.00	161,000.00
2	150716	REMOVE PAINTED TRAFFIC STRIPE AND PAVEMENT MARKING, PAVEMENT MARKERS	LS	1	113,000.00	113,000.00
3	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	4	1,500.00	6,000.00
4	013702	ASPHALT REJUVENATING EMULSION (SCRUB SEAL)	TON	230	620.00	142,600.00
5	377501	SLURRY SEAL TYPE 1	ELT	1,740	265.00	461,100.00
6	377501	SLURRY SEAL TYPE 2	ELT	1,130	208.00	235,040.00
7	375001	SCREENINGS	SQYD	284,000	2.00	568,000.00
8	380000	MICROSURFACING2	TON	2,320	175.00	406,000.00
9	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	10,600	2.21	23,426.00
10	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	159,660	0.36	57,477.60
11	850102	PAVEMENT MARKER (REFLECTIVE)	EA	1,535	5.00	7,675.00
12	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	200,000.00	200,000.00

BASE BID SCH. "Two million, three hundred eighty one thousand, three hundred eighteen dollars
SUB-TOTAL: _____ and sixty cents" **\$2,381,318.60**
ITEMS 1-12 "WORDS"

ALTERNATE BID SCHEDULE 1 (CONCRETE CURB RAMPS AND ASSOCIATED WORK)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
13	150769	REMOVE ASPHALT CONCRETE	SQYD	75	216.00	16,200.00
14	390130	HOT MIX ASPHALT	TON	28	540.00	15,120.00
15	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	67	4,860.00	325,620.00
16	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	17	4,860.00	82,620.00
17	731504	MINOR CONCRETE (CURB AND GUTTER)	LF	80	108.00	8,640.00
18	731517	MINOR CONCRETE (GUTTER)	SQFT	80	108.00	8,640.00
18A	731656	CURB RAMP DETECTABLE WARNING SURFACE	EA	12	2,000.00	24,000.00

ALT. BID SCH. 1
SUB-TOTAL: _____ "Four hundred eighty thousand, eight hundred forty dollars and zero cents" **\$480,840.00**
ITEMS 12-18A "WORDS"

Contract (continued)

ALTERNATE BID SCHEDULE 2 (CITY OF BEAUMONT)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATE D QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
19	414111	ROUT AND SEAL RANDOM CRACKS	LS	1	4,000.00	4,000.00
20	150716	REMOVE PAINTED TRAFFIC STRIPE AND PAVEMENT MARKING	LS	1	4,000.00	4,000.00
21	377501	SLURRY SEAL TYPE 2	ELT	150	108.00	16,200.00
22	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	400	9.00	3,600.00
23	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	6,350	0.40	2,540.00
24	850102	PAVEMENT MARKER (REFLECTIVE)	EA	100	5.00	500.00
25	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	5	5,000.00	25,000.00
26	731517	MINOR CONCRETE (GUTTER)	SQFT	80	100.00	8,000.00
27	150769	REMOVE ASPHALT CONCRETE	SQYD	32	270.00	8,640.00
28	390130	HOT MIX ASPHALT	TON	11	540.00	5,940.00
29	017302	MINOR CONCRETE (CROSS-GUTTER) (CRS 209)	SQFT	60	108.00	6,480.00
30	731656	CURB RAMP DETECTABLE WARNING SURFACE	EA	4	1,620.00	6,480.00

ALT. BID SCH. 2

SUB-TOTAL:

ITEMS 19-30

"Ninety one thousand, three hundred eighty dollars and zero cents"

"WORDS"

\$91,380.00

PROJECT

TOTAL:

ITEMS 1-30

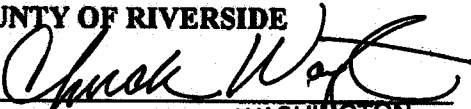
" Two million, nine hundred fifty three thousand, five hundred thirty eight dollars and sixty cents "

"WORDS"

\$2,953,538.60

Slurry Seal Project
For Fiscal Year 2017/2018, Part 2
District 4, Project No. C8-0009
District 5, Project No. C8-0010

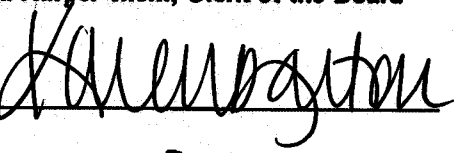
IN WITNESS WHEREOF the parties hereto have executed this Contract as of the date set forth below.


COUNTY OF RIVERSIDE
BY: 
CHUCK WASHINGTON
Chairman, Board of Supervisors

PAVEMENT COATINGS CO
BY: 

DATED: MAR 27 2018

TITLE: Doug Ford, President
(If Corporation, affix Seal)

ATTEST:
Kecia Harper-Ihem, Clerk of the Board
BY: 
Deputy

ATTEST:



TITLE: Tom Mucenski, Secretary

Licensed in accordance with an act providing
for the registration of Contractors,

License No.: 303609

Federal Employer Identification Number:
95-02916670

Department of Industrial Relations Registration Number:
1000003382

FORM APPROVED COUNTY COUNSEL
BY  3/19/18
KRISTINE BELL-VALDEZ DATE

BY _____
"County"

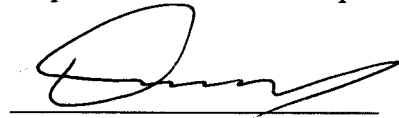
"Corporation"
(Seal)

**RESOLUTION OF BOARD OF DIRECTORS OF
PAVEMENT COATINGS COMPANY**

RESOLVED, That all officers of the Company (being the President, Douglas Ford; the Vice-President, Timothy Schmid; Secretary, Tom Mucenski; and the Treasurer, Nathan Beyler) are hereby authorized and empowered to enter into contracts, sign bid documents and otherwise execute agreements in the normal course of business and upon such terms and conditions as may be agreed by the Company and the counterparty (ies).

I, Doug Ford, do hereby certify that I am the duly elected and qualified President and keeper of the records and corporate seal of Pavement Coatings Company, a corporation organized and existing under the laws of the State of California, and that the above is a true and correct copy of a resolution duly adopted at a meeting of the Board of Directors thereof, convened and held in accordance with the Bylaws of said Corporation on the 15th day of December, 2016, and that such resolution is now in full force and effect.

IN WITNESS WHEREOF, I have affixed my name as President and have caused the corporate seal of said Corporation to be hereunto affixed, February 23th, 2018



Doug Ford, President
Pavement Coatings Co.

Performance Bond

Recitals:

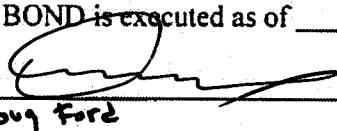
1. **Pavement Coatings Co** (Contractor) has entered into a Contract with COUNTY OF RIVERSIDE (County) for construction of public work known as **Slurry Seal Project, For Fiscal Year 2017/2018 Part 2, District 4, Project No. C8-0009, and District 5, Project No. C8-0010.**
2. The Ohio Casualty Insurance Company, a New Hampshire corporation (Surety), is the Surety under this Bond.

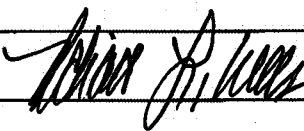
Agreement:

We, Contractor as Principal and Surety as Surety, jointly and severally agree, state, and are bound unto County, as obligee, as follows:

1. The amount of the obligation of this Bond is 100% of the estimated contract price for the Project of **\$2,953,538.60 (Two million, nine hundred fifty three thousand, five hundred thirty eight dollars and sixty cents)** and inures to the benefit of County.
2. This Bond is exonerated by Contractor doing all things to be kept and performed by it in strict conformance with the Contract Documents for this project, otherwise it remains in full force and effect for the recovery of loss, damage and expense of County resulting from failure of Contractor to so act. All of said Contract Documents are incorporated herein.
3. This obligation is binding on our successors and assigns.
4. For value received, Surety stipulates and agrees that no change, time extension, prepayment to Contractor, alteration or addition to the terms and requirements of the Contract Documents or the work to be performed thereunder shall affect its obligations hereunder and waives notice as to such matters, except the total contract price cannot be increased by more than 10% without approval of Surety.

THIS BOND is executed as of February 14, 2018

By 
Doug Ford

By 
Type Name Richard L. Wells

Its Attorney in Fact
"Surety"

Title President

"Contractor"

(Corporate Seal)

(Corporate Seal)

NOTE: This Bond must be executed by both parties with corporate seal affixed. All signatures must be acknowledged. (Attach acknowledgements).

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 7786944

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Brian A. McGoldrick; Frank Morones; Lynn A. Slone; Richard L. Wells

all of the city of Brea, state of CA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 1st day of June, 2017.



The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 1st day of June, 2017, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Upper Merion Twp., Montgomery County
My Commission Expires March 28, 2021
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 14 day of February, 2018.



By: Renee C. Llewellyn
Renee C. Llewellyn, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

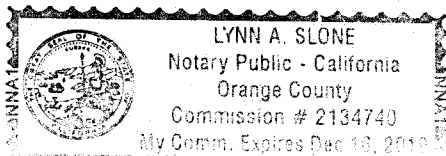
State of California)
County of Orange)

On February 14, 2018 before me, Lynn A. Slone, Notary Public
Date Here Insert Name and Title of the Officer
personally appeared Richard L. Wells
Name(s) of Signer(s)

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 *Lynn A. Slone*
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____ Document Date: _____

Number of Pages: _____ Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- Corporate Officer — Title(s): _____
- Partner — Limited General
- Individual Attorney in Fact
- Trustee Guardian or Conservator
- Other: _____

Signer Is Representing: _____

Signer's Name: _____

- Corporate Officer — Title(s): _____
- Partner — Limited General
- Individual Attorney in Fact
- Trustee Guardian or Conservator
- Other: _____

Signer Is Representing: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

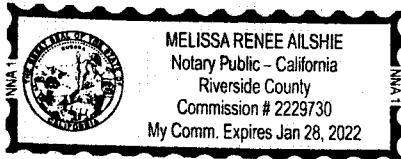
State of California)
County of Riverside)

On February 20, 2018 before me, Melissa Renee Ailshie, Notary Public
Date Here Insert Name and Title of the Officer
personally appeared Doug Ford
Name(s) of Signer(s)

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/hér/their authorized capacity(ies), and that by his/hér/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 Melissa Ailshie
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Performance Bond Document Date: 02-14-2018
Number of Pages: 1 Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
 Other: _____
Signer Is Representing: _____

Signer's Name: _____
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
 Other: _____
Signer Is Representing: _____

Payment Bond

(Public Works - Civil Code §9550 et seq.)

The makers of this Bond are Pavement Coatings Co., as Principal and Original Contractor and The Ohio Casualty Insurance Company, a corporation, authorized to issue Surety Bonds in California, as Surety, and this Bond is issued in conjunction with that certain public works contract to be executed between Principal and COUNTY OF RIVERSIDE a public entity, as Owner, for \$2,953,538.60 (Two million, nine hundred fifty three thousand, five hundred thirty eight dollars and sixty cents), the total amount payable. The amount of this bond is one hundred percent (100%) of said sum. Said contract is for public work generally consisting of Slurry Seal Project, For Fiscal Year 2017/2018 Part 2, District 4, Project No. C8-0009, and District 5, Project No. C8-0010.

The beneficiaries of this Bond are as is stated in 9554 of the Civil Code and requirements and conditions of this Bond are as is set forth in 9554, 9558, 9560 and 9564 of said code. Without notice, Surety consents to extension of time for performance, change in requirements, amount of compensation, or prepayment under said contract.

Dated: February 14, 2018

Pavement Coatings Co.

Original Contractor - Principal

The Ohio Casualty Insurance Company

By [Signature]

Surety

Doug Ford

By [Signature]

Title President

Richard L. Wells

Its Attorney In Fact

(If corporation, affix seal)

(Corporate Seal)

(Corporate Seal)

STATE
OF _____
COUNTY
OF _____

} ss. SURETY'S ACKNOWLEDGEMENT

On _____ before me, _____ personally appeared, _____, known to me, or proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacities, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

Notary Public (Seal)

NOTE: This Bond must be executed by both parties with corporate seal affixed. All signatures must be acknowledged. (Attach acknowledgements).

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 7786945

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Brian A. McGoldrick; Frank Morones; Lynn A. Slone; Richard L. Wells

all of the city of Brea, state of CA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 1st day of June, 2017.



The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 1st day of June, 2017, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Upper Merion Twp., Montgomery County
My Commission Expires March 28, 2021
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 14 day of February, 2018.



By: Renee C. Llewellyn
Renee C. Llewellyn, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

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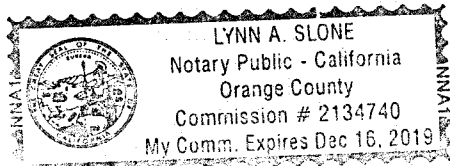
State of California)
County of Orange)

On February 14, 2018 before me, Lynn A. Slone, Notary Public
Date Here Insert Name and Title of the Officer
personally appeared Richard L. Wells
Name(s) of Signer(s)

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 *Lynn A Slone*
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____ Document Date: _____

Number of Pages: _____ Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

Corporate Officer — Title(s): _____

Partner — Limited General

Individual Attorney in Fact

Trustee Guardian or Conservator

Other: _____

Signer Is Representing: _____

Signer's Name: _____

Corporate Officer — Title(s): _____

Partner — Limited General

Individual Attorney in Fact

Trustee Guardian or Conservator

Other: _____

Signer Is Representing: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

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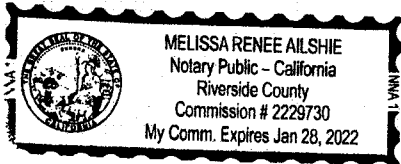
State of California)
County of Riverside)

On February 20, 2018 before me, Melissa Renee Ailshie, Notary Public
Date Here Insert Name and Title of the Officer
personally appeared Doug Ford
Name(s) of Signer(s)

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/hér/their authorized capacity(ies), and that by his/hér/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 Melissa Ailshie
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Payment Bond Document Date: 02-14-2018
Number of Pages: 1 Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
Corporate Officer — Title(s): _____
Partner — Limited General
Individual Attorney in Fact
Trustee Guardian or Conservator
Other: _____

Signer's Name: _____
Corporate Officer — Title(s): _____
Partner — Limited General
Individual Attorney in Fact
Trustee Guardian or Conservator
Other: _____

Signer Is Representing: _____

Signer Is Representing: _____



- Company Profile
- Company Search
- Company Search Results
- Company Information
- Old Company Names
- Agent for Service
- Reference Information
- NAIC Group List
- Lines of Business
- Workers' Compensation Complaint and Request for Action/Appeals Contact Information
- Financial Statements PDF's
- Annual Statements
- Quarterly Statements
- Company Complaint
- Company Performance & Comparison Data
- Company Enforcement Action
- Composite Complaints Studies
- Additional Info
- Find A Company Representative In Your Area
- View Financial Disclaimer

COMPANY PROFILE

Company Information

OHIO CASUALTY INSURANCE COMPANY (THE)

**175 BERKELEY STREET
BOSTON, MA 02116**

Old Company Names

Effective Date

Agent For Service

KARISSA LOWRY
2710 GATEWAY OAKS DRIVE
SUITE 150N
SACRAMENTO CA 95833

Reference Information

NAIC #:	24074
California Company ID #:	5133-4
Date Authorized in California:	11/17/2008
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	NEW HAMPSHIRE

back to top

NAIC Group List

NAIC Group #: 0111 LIBERTY MUT GRP

Lines Of Business

The company is authorized to transact business within these lines of insurance. For an explanation of any of these terms, please refer to the glossary.

- AUTOMOBILE
- BOILER AND MACHINERY
- BURGLARY
- COMMON CARRIER LIABILITY
- CREDIT
- FIRE
- LIABILITY
- MARINE
- MISCELLANEOUS
- PLATE GLASS
- SPRINKLER
- SURETY
- WORKERS' COMPENSATION



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

2/20/2018

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 have ADDITIONAL INSURED provisions or 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 CIBC Insurance Services LLC License #0K19767 32 Old Slip New York NY 10005	CONTACT NAME: Yvonne Galvan PHONE (A/C, No, Ext): 800-221-5830 E-MAIL ADDRESS: yvonne.galvan@crystalco.com	FAX (A/C, No): 800-383-1852
	INSURER(S) AFFORDING COVERAGE	
INSURED Pavement Coatings Co. 10240 SAN SEVAINE WAY Jurupa Valley, CA 91752	INSURER A: Travelers Prop Casualty Co of America	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 1241265910

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 INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<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"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER	Y	Y	VTC2JCO9325B35ATIL17	10/1/2017	10/1/2018	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000 \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> Physical Dam <input checked="" type="checkbox"/> Comp/Col De	Y	Y	VTC2JCAP9325B361TIL17	10/1/2017	10/1/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION S	Y		VTSMJCU9325B373TIL17	10/1/2017	10/1/2018	EACH OCCURRENCE \$ 3,000,000 AGGREGATE \$ 3,000,000 \$
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y	N/A	VTC2JUB89J79408117	10/1/2017	10/1/2018	<input checked="" type="checkbox"/> PER STATUTE <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 (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

The County of Riverside, its Agencies, Special Districts and Departments, their respective director, officers, Board of Supervisors, elected and appointed officials, employees, agents, and representatives, The City of Indio, its directors, officers, elected and appointed officials, employees, agents, and representatives, The City of Beaumont, its directors, officers, elected and appointed officials, employees, agents, and representatives are named as additional insured with respect to general liability and auto liability per the terms and conditions of the policies and waiver of subrogation is granted with respects to general liability, auto and workers compensation per the terms and conditions of the policies. Umbrella follows form as it relates to additional insureds. The above coverage is primary and noncontributory were required by written contract. Certificate holder is provided with 30 days' notice of cancellation as per the terms and conditions of the general and auto liability, auto and workers compensation policy.

CERTIFICATE HOLDER**CANCELLATION**

County of Riverside Transportation Department Attn: Contracts/Bidding Unit 3525 14th Street Riverside CA 92501	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>CIBC Insurance Services LLC</i>
--	---

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COMMERCIAL GENERAL LIABILITY

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY

**BLANKET ADDITIONAL INSURED
(CONTRACTORS)**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

1. WHO IS AN INSURED – (Section II) is amended to include any person or organization that you agree in a "written contract requiring insurance" to include as an additional insured on this Coverage Part, but:
 - a) Only with respect to liability for "bodily injury", "property damage" or "personal injury"; and
 - b) If, and only to the extent that, the injury or damage is caused by acts or omissions of you or your subcontractor in the performance of "your work" to which the "written contract requiring insurance" applies. The person or organization does not qualify as an additional insured with respect to the independent acts or omissions of such person or organization.
2. The insurance provided to the additional insured by this endorsement is limited as follows:
 - a) In the event that the Limits of Insurance of this Coverage Part shown in the Declarations exceed the limits of liability required by the "written contract requiring insurance", the insurance provided to the additional insured shall be limited to the limits of liability required by that "written contract requiring insurance". This endorsement shall not increase the limits of insurance described in Section III – Limits Of Insurance.
 - b) The insurance provided to the additional insured does not apply to "bodily injury", "property damage" or "personal injury" arising out of the rendering of, or failure to render, any professional architectural, engineering or surveying services, including:
 - i. The preparing, approving, or failing to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders or change orders, or the preparing, approving, or failing to prepare or approve, drawings and specifications; and
 - ii. Supervisory, inspection, architectural or engineering activities.
3. The insurance provided to the additional insured by this endorsement is excess over any valid and collectible "other insurance", whether primary, excess, contingent or on any other basis, that is available to the additional insured for a loss we cover under this endorsement. However, if the "written contract requiring insurance" specifically requires that this insurance apply on a primary basis or a primary and non-contributory basis, this insurance is primary to "other insurance" available to the additional insured which covers that person or organization as a named insured for such loss, and we will not share with that "other insurance". But the insurance provided to the additional insured by this endorsement still is excess over any valid and collectible "other insurance", whether primary, excess, contingent or on any other basis, that is available to the additional insured when that person or organization is an additional insured under such "other insurance".
4. As a condition of coverage provided to the additional insured by this endorsement:
 - a) The additional insured must give us written notice as soon as practicable of an "occurrence" or an offense which may result in a claim. To the extent possible, such notice should include:
 - c) The insurance provided to the additional insured does not apply to "bodily injury" or "property damage" caused by "your work" and included in the "products-completed operations hazard" unless the "written contract requiring insurance" specifically requires you to provide such coverage for that additional insured, and then the insurance provided to the additional insured applies only to such "bodily injury" or "property damage" that occurs before the end of the period of time for which the "written contract requiring insurance" requires you to provide such coverage or the end of the policy period, whichever is earlier.

COMMERCIAL GENERAL LIABILITY

- i. How, when and where the "occurrence" or offense took place;
 - ii. The names and addresses of any injured persons and witnesses; and
 - iii. The nature and location of any injury or damage arising out of the "occurrence" or offense.
- b) If a claim is made or "suit" is brought against the additional insured, the additional insured must:
- i. Immediately record the specifics of the claim or "suit" and the date received; and
 - ii. Notify us as soon as practicable.

The additional insured must see to it that we receive written notice of the claim or "suit" as soon as practicable.

- c) The additional insured must immediately send us copies of all legal papers received in connection with the claim or "suit", cooperate with us in the investigation or settlement of the claim or defense against the "suit", and otherwise comply with all policy conditions.
- d) The additional insured must tender the defense and indemnity of any claim or "suit" to

any provider of "other insurance" which would cover the additional insured for a loss we cover under this endorsement. However, this condition does not affect whether the insurance provided to the additional insured by this endorsement is primary to "other insurance" available to the additional insured which covers that person or organization as a named insured as described in paragraph 3. above.

5. The following definition is added to SECTION V. - DEFINITIONS:

"Written contract requiring insurance" means that part of any written contract or agreement under which you are required to include a person or organization as an additional insured on this Coverage Part, provided that the "bodily injury" and "property damage" occurs and the "personal injury" is caused by an offense committed:

- a. After the signing and execution of the contract or agreement by you;
- b. While that part of the contract or agreement is in effect; and
- c. Before the end of the policy period.



COMMERCIAL GENERAL LIABILITY

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

CONTRACTORS XTEND ENDORSEMENT

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

GENERAL DESCRIPTION OF COVERAGE – This endorsement broadens coverage. However, coverage for any injury, damage or medical expenses described in any of the provisions of this endorsement may be excluded or limited by another endorsement to this Coverage Part, and these coverage broadening provisions do not apply to the extent that coverage is excluded or limited by such an endorsement. The following listing is a general coverage description only. Limitations and exclusions may apply to these coverages. Read all the provisions of this endorsement and the rest of your policy carefully to determine rights, duties, and what is and is not covered.

- | | |
|--|---|
| <ul style="list-style-type: none"> A. Aircraft Chartered With Pilot B. Damage To Premises Rented To You C. Increased Supplementary Payments D. Incidental Medical Malpractice E. Who Is An Insured – Newly Acquired Or Formed Organizations F. Who Is An Insured – Broadened Named Insured – Unnamed Subsidiaries G. Blanket Additional Insured – Owners, Managers Or Lessors Of Premises | <ul style="list-style-type: none"> H. Blanket Additional Insured – Lessors Of Leased Equipment I. Blanket Additional Insured – States Or Political Subdivisions – Permits J. Knowledge And Notice Of Occurrence Or Offense K. Unintentional Omission L. Blanket Waiver Of Subrogation M. Amended Bodily Injury Definition N. Contractual Liability – Railroads |
|--|---|

PROVISIONS

A. AIRCRAFT CHARTERED WITH PILOT

The following is added to Exclusion g., **Aircraft, Auto Or Watercraft**, in Paragraph 2. of **SECTION I – COVERAGES – COVERAGE A BODILY INJURY AND PROPERTY DAMAGE LIABILITY**:

This exclusion does not apply to an aircraft that is:

- (a) Chartered with a pilot to any insured;
- (b) Not owned by any insured; and
- (c) Not being used to carry any person or property for a charge.

B. DAMAGE TO PREMISES RENTED TO YOU

1. The first paragraph of the exceptions in Exclusion j., **Damage To Property**, in Paragraph 2. of **SECTION I – COVERAGES – COVERAGE A BODILY INJURY AND PROPERTY DAMAGE LIABILITY** is deleted.
2. The following replaces the last paragraph of Paragraph 2., **Exclusions**, of **SECTION I – COVERAGES – COVERAGE A. BODILY**

INJURY AND PROPERTY DAMAGE LIABILITY:

Exclusions c. and g. through n. do not apply to "premises damage". Exclusion f.(1)(a) does not apply to "premises damage" caused by:

- a. Fire;
- b. Explosion;
- c. Lightning;
- d. Smoke resulting from such fire, explosion, or lightning; or
- e. Water;

unless Exclusion f. of Section I – Coverage A – Bodily Injury And Property Damage Liability is replaced by another endorsement to this Coverage Part that has Exclusion – All Pollution Injury Or Damage or Total Pollution Exclusion in its title.

A separate limit of insurance applies to "premises damage" as described in Paragraph 6. of **SECTION III – LIMITS OF INSURANCE**.

COMMERCIAL GENERAL LIABILITY

3. The following replaces Paragraph 6. of **SECTION III – LIMITS OF INSURANCE:**

Subject to 5. above, the Damage To Premises Rented To You Limit is the most we will pay under Coverage A for damages because of "premises damage" to any one premises. The Damage To Premises Rented To You Limit will apply to all "property damage" proximately caused by the same "occurrence", whether such damage results from: fire; explosion; lightning; smoke resulting from such fire, explosion, or lightning; or water; or any combination of any of these causes.

The Damage To Premises Rented To You Limit will be:

- a. The amount shown for the Damage To Premises Rented To You Limit on the Declarations of this Coverage Part; or
 - b. \$300,000 if no amount is shown for the Damage To Premises Rented To You Limit on the Declarations of this Coverage Part.
4. The following replaces Paragraph a. of the definition of "insured contract" in the **DEFINITIONS** Section:
- a. A contract for a lease of premises. However, that portion of the contract for a lease of premises that indemnifies any person or organization for "premises damage" is not an "insured contract";
5. The following is added to the **DEFINITIONS** Section:
- "Premises damage" means "property damage" to:
- a. Any premises while rented to you or temporarily occupied by you with permission of the owner; or
 - b. The contents of any premises while such premises is rented to you, if you rent such premises for a period of seven or fewer consecutive days.
6. The following replaces Paragraph 4.b.(1)(b) of **SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS:**
- (b) That is insurance for "premises damage"; or
7. Paragraph 4.b.(1)(c) of **SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS** is deleted.

C. INCREASED SUPPLEMENTARY PAYMENTS

1. The following replaces Paragraph 1.b. of **SUPPLEMENTARY PAYMENTS – COVERAGES A AND B** of **SECTION I – COVERAGE:**

- b. Up to \$2,500 for the cost of bail bonds required because of accidents or traffic law violations arising out of the use of any vehicle to which the Bodily Injury Liability Coverage applies. We do not have to furnish these bonds.

2. The following replaces Paragraph 1.d. of **SUPPLEMENTARY PAYMENTS – COVERAGES A AND B** of **SECTION I – COVERAGE:**

- d. All reasonable expenses incurred by the insured at our request to assist us in the investigation or defense of the claim or "suit", including actual loss of earnings up to \$500 a day because of time off from work.

D. INCIDENTAL MEDICAL MALPRACTICE

1. The following is added to the definition of "occurrence" in the **DEFINITIONS** Section:

"Occurrence" also means an act or omission committed in providing or failing to provide "incidental medical services", first aid or "Good Samaritan services" to a person.

2. The following is added to Paragraph 2.a.(1) of **SECTION II – WHO IS AN INSURED:**

Paragraph (1)(d) above does not apply to "bodily injury" arising out of providing or failing to provide:

- (i) "Incidental medical services" by any of your "employees" who is a nurse practitioner, registered nurse, licensed practical nurse, nurse assistant, emergency medical technician or paramedic; or
- (ii) First aid or "Good Samaritan services" by any of your "employees" or "volunteer workers", other than an employed or volunteer doctor. Any such "employees" or "volunteer workers" providing or failing to provide first aid or "Good Samaritan services" during their work hours for you will be deemed to be acting within the scope of their employment by you or performing duties related to the conduct of your business.

COMMERCIAL GENERAL LIABILITY

3. The following is added to Paragraph 5. of **SECTION III – LIMITS OF INSURANCE:**

For the purposes of determining the applicable Each Occurrence Limit, all related acts or omissions committed in providing or failing to provide "incidental medical services", first aid or "Good Samaritan services" to any one person will be deemed to be one "occurrence".

4. The following exclusion is added to Paragraph 2., **Exclusions, of SECTION I – COVERAGES – COVERAGE A BODILY INJURY AND PROPERTY DAMAGE LIABILITY:**

Sale Of Pharmaceuticals

"Bodily injury" or "property damage" arising out of the willful violation of a penal statute or ordinance relating to the sale of pharmaceuticals committed by, or with the knowledge or consent of, the insured.

5. The following is added to the **DEFINITIONS** Section:

"Incidental medical services" means:

- a. Medical, surgical, dental, laboratory, x-ray or nursing service or treatment, advice or instruction, or the related furnishing of food or beverages; or
- b. The furnishing or dispensing of drugs or medical, dental, or surgical supplies or appliances.

"Good Samaritan services" means any emergency medical services for which no compensation is demanded or received.

6. The following is added to Paragraph 4.b., **Excess Insurance, of SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS:**

The insurance is excess over any valid and collectible other insurance available to the insured, whether primary, excess, contingent or on any other basis, that is available to any of your "employees" or "volunteer workers" for "bodily injury" that arises out of providing or failing to provide "incidental medical services", first aid or "Good Samaritan services" to any person to the extent not subject to Paragraph 2.a.(1) of Section II – Who Is An Insured.

E. WHO IS AN INSURED – NEWLY ACQUIRED OR FORMED ORGANIZATIONS

The following replaces Paragraph 4. of **SECTION II – WHO IS AN INSURED:**

4. Any organization you newly acquire or form, other than a partnership, joint venture or limited liability company, of which you are the sole owner or in which you maintain the majority ownership interest, will qualify as a Named Insured if there is no other insurance which provides similar coverage to that organization. However:

- a. Coverage under this provision is afforded only:

(1) Until the 180th day after you acquire or form the organization or the end of the policy period, whichever is earlier, if you do not report such organization in writing to us within 180 days after you acquire or form it; or

(2) Until the end of the policy period, when that date is later than 180 days after you acquire or form such organization, if you report such organization in writing to us within 180 days after you acquire or form it, and we agree in writing that it will continue to be a Named Insured until the end of the policy period;

- b. Coverage **A** does not apply to "bodily injury" or "property damage" that occurred before you acquired or formed the organization; and

- c. Coverage **B** does not apply to "personal injury" or "advertising injury" arising out of an offense committed before you acquired or formed the organization.

F. WHO IS AN INSURED – BROADENED NAMED INSURED – UNNAMED SUBSIDIARIES

The following is added to **SECTION II – WHO IS AN INSURED:**

Any of your subsidiaries, other than a partnership, joint venture or limited liability company, that is not shown as a Named Insured in the Declarations is a Named Insured if you maintain an ownership interest of more than 50% in such subsidiary on the first day of the policy period.

No such subsidiary is an insured for "bodily injury" or "property damage" that occurred, or "personal injury" or "advertising injury" caused by an offense committed after the date, if any, during the policy period, that you no longer maintain an ownership interest of more than 50% in such subsidiary.

COMMERCIAL GENERAL LIABILITY

G. BLANKET ADDITIONAL INSURED – OWNERS, MANAGERS OR LESSORS OF PREMISES

The following is added to **SECTION II – WHO IS AN INSURED**:

Any person or organization that is a premises owner, manager or lessor and that you have agreed in a written contract or agreement to include as an additional insured on this Coverage Part is an insured, but only with respect to liability for "bodily injury", "property damage", "personal injury" or "advertising injury" that:

- a. Is "bodily injury" or "property damage" that occurs, or is "personal injury" or "advertising injury" caused by an offense that is committed, subsequent to the execution of that contract or agreement; and
- b. Arises out of the ownership, maintenance or use of that part of any premises leased to you.

The insurance provided to such premises owner, manager or lessor is subject to the following provisions:

- a. The limits of insurance provided to such premises owner, manager or lessor will be the minimum limits which you agreed to provide in the written contract or agreement, or the limits shown on the Declarations, whichever are less.
- b. The insurance provided to such premises owner, manager or lessor does not apply to:
 - (1) Any "bodily injury" or "property damage" that occurs, or "personal injury" or "advertising injury" caused by an offense that is committed, after you cease to be a tenant in that premises; or
 - (2) Structural alterations, new construction or demolition operations performed by or on behalf of such premises owner, lessor or manager.
- c. The insurance provided to such premises owner, manager or lessor is excess over any valid and collectible other insurance available to such premises owner, manager or lessor, whether primary, excess, contingent or on any other basis, unless you have agreed in the written contract or agreement that this insurance must be primary to, or non-contributory with, such other insurance, in which case this insurance will be primary to, and non-contributory with, such other insurance.

H. BLANKET ADDITIONAL INSURED – LESSORS OF LEASED EQUIPMENT

The following is added to **SECTION II – WHO IS AN INSURED**:

Any person or organization that is an equipment lessor and that you have agreed in a written contract or agreement to include as an insured on this Coverage Part is an insured, but only with respect to liability for "bodily injury", "property damage", "personal injury" or "advertising injury" that:

- a. Is "bodily injury" or "property damage" that occurs, or is "personal injury" or "advertising injury" caused by an offense that is committed, subsequent to the execution of that contract or agreement; and
- b. Is caused, in whole or in part, by your acts or omissions in the maintenance, operation or use of equipment leased to you by such equipment lessor.

The insurance provided to such equipment lessor is subject to the following provisions:

- a. The limits of insurance provided to such equipment lessor will be the minimum limits which you agreed to provide in the written contract or agreement, or the limits shown on the Declarations, whichever are less.
 - b. The insurance provided to such equipment lessor does not apply to any "bodily injury" or "property damage" that occurs, or "personal injury" or "advertising injury" caused by an offense that is committed, after the equipment lease expires.
 - c. The insurance provided to such equipment lessor is excess over any valid and collectible other insurance available to such equipment lessor, whether primary, excess, contingent or on any other basis, unless you have agreed in the written contract or agreement that this insurance must be primary to, or non-contributory with, such other insurance, in which case this insurance will be primary to, and non-contributory with, such other insurance.
- I. BLANKET ADDITIONAL INSURED – STATES OR POLITICAL SUBDIVISIONS – PERMITS**

The following is added to **SECTION II – WHO IS AN INSURED**:

Any state or political subdivision that has issued a permit in connection with operations performed by you or on your behalf and that you are required

COMMERCIAL GENERAL LIABILITY

by any ordinance, law or building code to include as an additional insured on this Coverage Part is an insured, but only with respect to liability for "bodily injury", "property damage", "personal injury" or "advertising injury" arising out of such operations.

The insurance provided to such state or political subdivision does not apply to:

- a. Any "bodily injury," "property damage," "personal injury" or "advertising injury" arising out of operations performed for that state or political subdivision; or
- b. Any "bodily injury" or "property damage" included in the "products-completed operations hazard".

J. KNOWLEDGE AND NOTICE OF OCCURRENCE OR OFFENSE

The following is added to Paragraph 2., **Duties In The Event of Occurrence, Offense, Claim or Suit**, of SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS:

e. The following provisions apply to Paragraph a. above, but only for the purposes of the insurance provided under this Coverage Part to you or any insured listed in Paragraph 1. or 2. of Section II – Who Is An Insured:

- (1) Notice to us of such "occurrence" or offense must be given as soon as practicable only after the "occurrence" or offense is known by you (if you are an individual), any of your partners or members who is an individual (if you are a partnership or joint venture), any of your managers who is an individual (if you are a limited liability company), any of your "executive officers" or directors (if you are an organization other than a partnership, joint venture or limited liability company) or any "employee" authorized by you to give notice of an "occurrence" or offense.
- (2) If you are a partnership, joint venture or limited liability company, and none of your partners, joint venture members or managers are individuals, notice to us of such "occurrence" or offense must be given as soon as practicable only after the "occurrence" or offense is known by:
 - (a) Any individual who is:
 - (i) A partner or member of any partnership or joint venture;

- (ii) A manager of any limited liability company; or

- (iii) An executive officer or director of any other organization;

that is your partner, joint venture member or manager; or

- (b) Any "employee" authorized by such partnership, joint venture, limited liability company or other organization to give notice of an "occurrence" or offense.

- (3) Notice to us of such "occurrence" or of an offense will be deemed to be given as soon as practicable if it is given in good faith as soon as practicable to your workers' compensation insurer. This applies only if you subsequently give notice to us of the "occurrence" or offense as soon as practicable after any of the persons described in Paragraphs e. (1) or (2) above discovers that the "occurrence" or offense may result in sums to which the insurance provided under this Coverage Part may apply.

However, if this Coverage Part includes an endorsement that provides limited coverage for "bodily injury" or "property damage" or pollution costs arising out of a discharge, release or escape of "pollutants" which contains a requirement that the discharge, release or escape of "pollutants" must be reported to us within a specific number of days after its abrupt commencement, this Paragraph e. does not affect that requirement.

K. UNINTENTIONAL OMISSION

The following is added to Paragraph 6., **Representations**, of SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS:

The unintentional omission of, or unintentional error in, any information provided by you which we relied upon in issuing this policy will not prejudice your rights under this insurance. However, this provision does not affect our right to collect additional premium or to exercise our rights of cancellation or nonrenewal in accordance with applicable insurance laws or regulations.

L. BLANKET WAIVER OF SUBROGATION

The following is added to Paragraph 8., **Transfer Of Rights Of Recovery Against Others To Us**, of SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS:

COMMERCIAL GENERAL LIABILITY

If the insured has agreed in a contract or agreement to waive that insured's right of recovery against any person or organization, we waive our right of recovery against such person or organization, but only for payments we make because of:

- a. "Bodily injury" or "property damage" that occurs; or
- b. "Personal injury" or "advertising injury" caused by an offense that is committed;

subsequent to the execution of that contract or agreement.

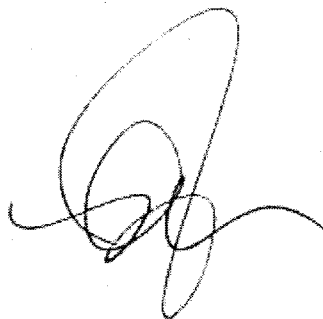
M. AMENDED BODILY INJURY DEFINITION

The following replaces the definition of "bodily injury" in the **DEFINITIONS** Section:

3. "Bodily injury" means bodily injury, mental anguish, mental injury, shock, fright, disability, humiliation, sickness or disease sustained by a person, including death resulting from any of these at any time.

N. CONTRACTUAL LIABILITY – RAILROADS

1. The following replaces Paragraph c. of the definition of "insured contract" in the **DEFINITIONS** Section:
 - c. Any easement or license agreement;
2. Paragraph f.(1) of the definition of "insured contract" in the **DEFINITIONS** Section is deleted.



COMMERCIAL AUTO

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

BUSINESS AUTO EXTENSION ENDORSEMENT

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

GENERAL DESCRIPTION OF COVERAGE – This endorsement broadens coverage. However, coverage for any injury, damage or medical expenses described in any of the provisions of this endorsement may be excluded or limited by another endorsement to the Coverage Part, and these coverage broadening provisions do not apply to the extent that coverage is excluded or limited by such an endorsement. The following listing is a general coverage description only. Limitations and exclusions may apply to these coverages. Read all the provisions of this endorsement and the rest of your policy carefully to determine rights, duties, and what is and is not covered.

- | | |
|--|--|
| <ul style="list-style-type: none"> A. BROAD FORM NAMED INSURED B. BLANKET ADDITIONAL INSURED C. EMPLOYEE HIRED AUTO D. EMPLOYEES AS INSURED E. SUPPLEMENTARY PAYMENTS – INCREASED LIMITS F. HIRED AUTO – LIMITED WORLDWIDE COVERAGE – INDEMNITY BASIS G. WAIVER OF DEDUCTIBLE – GLASS | <ul style="list-style-type: none"> H. HIRED AUTO PHYSICAL DAMAGE – LOSS OF USE – INCREASED LIMIT I. PHYSICAL DAMAGE – TRANSPORTATION EXPENSES – INCREASED LIMIT J. PERSONAL PROPERTY K. AIRBAGS L. NOTICE AND KNOWLEDGE OF ACCIDENT OR LOSS M. BLANKET WAIVER OF SUBROGATION N. UNINTENTIONAL ERRORS OR OMISSIONS |
|--|--|

PROVISIONS

A. BROAD FORM NAMED INSURED

The following is added to Paragraph A.1., **Who Is An Insured**, of SECTION II – COVERED AUTOS LIABILITY COVERAGE:

Any organization you newly acquire or form during the policy period over which you maintain 50% or more ownership interest and that is not separately insured for Business Auto Coverage. Coverage under this provision is afforded only until the 180th day after you acquire or form the organization or the end of the policy period, whichever is earlier.

B. BLANKET ADDITIONAL INSURED

The following is added to Paragraph c. in A.1., **Who Is An Insured**, of SECTION II – COVERED AUTOS LIABILITY COVERAGE:

Any person or organization who is required under a written contract or agreement between you and that person or organization, that is signed and executed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, to be named as an additional insured is an "insured" for Covered Autos Liability Coverage, but only for damages to which

this insurance applies and only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Section II.

C. EMPLOYEE HIRED AUTO

1. The following is added to Paragraph A.1., **Who Is An Insured**, of SECTION II – COVERED AUTOS LIABILITY COVERAGE:

An "employee" of yours is an "insured" while operating an "auto" hired or rented under a contract or agreement in an "employee's" name, with your permission, while performing duties related to the conduct of your business.

2. The following replaces Paragraph b. in B.5., **Other Insurance**, of SECTION IV – BUSINESS AUTO CONDITIONS:

b. For Hired Auto Physical Damage Coverage, the following are deemed to be covered "autos" you own:

- (1) Any covered "auto" you lease, hire, rent or borrow; and
- (2) Any covered "auto" hired or rented by your "employee" under a contract in an "employee's" name, with your

COMMERCIAL AUTO

permission, while performing duties related to the conduct of your business.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

D. EMPLOYEES AS INSURED

The following is added to Paragraph A.1., **Who Is An Insured**, of SECTION II – COVERED AUTOS LIABILITY COVERAGE:

Any "employee" of yours is an "insured" while using a covered "auto" you don't own, hire or borrow in your business or your personal affairs.

E. SUPPLEMENTARY PAYMENTS – INCREASED LIMITS

1. The following replaces Paragraph A.2.a.(2), of SECTION II – COVERED AUTOS LIABILITY COVERAGE:

(2) Up to \$3,000 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.

2. The following replaces Paragraph A.2.a.(4), of SECTION II – COVERED AUTOS LIABILITY COVERAGE:

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

F. HIRED AUTO – LIMITED WORLDWIDE COVERAGE – INDEMNITY BASIS

The following replaces Subparagraph (5) in Paragraph B.7., **Policy Period, Coverage Territory**, of SECTION IV – BUSINESS AUTO CONDITIONS:

(5) Anywhere in the world, except any country or jurisdiction while any trade sanction, embargo, or similar regulation imposed by the United States of America applies to and prohibits the transaction of business with or within such country or jurisdiction, for Covered Autos Liability Coverage for any covered "auto" that you lease, hire, rent or borrow without a driver for a period of 30 days or less and that is not an "auto" you lease, hire, rent or borrow from any of your "employees", partners (if you are a partnership), members (if you are a limited liability company) or members of their households.

(a) With respect to any claim made or "suit" brought outside the United States of America, the territories and possessions of the United States of America, Puerto Rico and Canada:

(i) You must arrange to defend the "insured" against, and investigate or settle any such claim or "suit" and keep us advised of all proceedings and actions.

(ii) Neither you nor any other involved "insured" will make any settlement without our consent.

(iii) We may, at our discretion, participate in defending the "insured" against, or in the settlement of, any claim or "suit".

(iv) We will reimburse the "insured" for sums that the "insured" legally must pay as damages because of "bodily injury" or "property damage" to which this insurance applies, that the "insured" pays with our consent, but only up to the limit described in Paragraph C., Limits Of Insurance, of SECTION II – COVERED AUTOS LIABILITY COVERAGE.

(v) We will reimburse the "insured" for the reasonable expenses incurred with our consent for your investigation of such claims and your defense of the "insured" against any such "suit", but only up to and included within the limit described in Paragraph C., Limits Of Insurance, of SECTION II – COVERED AUTOS LIABILITY COVERAGE, and not in addition to such limit. Our duty to make such payments ends when we have used up the applicable limit of insurance in payments for damages, settlements or defense expenses.

(b) This insurance is excess over any valid and collectible other insurance available to the "insured" whether primary, excess, contingent or on any other basis.

(c) This insurance is not a substitute for required or compulsory insurance in any country outside the United States, its territories and possessions, Puerto Rico and Canada.

You agree to maintain all required or compulsory insurance in any such country up to the minimum limits required by local law. Your failure to comply with compulsory insurance requirements will not invalidate the coverage afforded by this policy, but we will only be liable to the same extent we would have been liable had you complied with the compulsory insurance requirements.

- (d) It is understood that we are not an admitted or authorized insurer outside the United States of America, its territories and possessions, Puerto Rico and Canada. We assume no responsibility for the furnishing of certificates of insurance, or for compliance in any way with the laws of other countries relating to insurance.

G. WAIVER OF DEDUCTIBLE – GLASS

The following is added to Paragraph D., **Deductible**, of **SECTION III – PHYSICAL DAMAGE COVERAGE**:

No deductible for a covered "auto" will apply to glass damage if the glass is repaired rather than replaced.

H. HIRED AUTO PHYSICAL DAMAGE – LOSS OF USE – INCREASED LIMIT

The following replaces the last sentence of Paragraph A.4.b., **Loss Of Use Expenses**, of **SECTION III – PHYSICAL DAMAGE COVERAGE**:

However, the most we will pay for any expenses for loss of use is \$65 per day, to a maximum of \$750 for any one "accident".

I. PHYSICAL DAMAGE – TRANSPORTATION EXPENSES – INCREASED LIMIT

The following replaces the first sentence in Paragraph A.4.a., **Transportation Expenses**, of **SECTION III – PHYSICAL DAMAGE COVERAGE**:

We will pay up to \$50 per day to a maximum of \$1,500 for temporary transportation expense incurred by you because of the total theft of a covered "auto" of the private passenger type.

J. PERSONAL PROPERTY

The following is added to Paragraph A.4., **Coverage Extensions**, of **SECTION III – PHYSICAL DAMAGE COVERAGE**:

Personal Property

We will pay up to \$400 for "loss" to wearing apparel and other personal property which is:

- (1) Owned by an "insured"; and

- (2) In or on your covered "auto".

This coverage applies only in the event of a total theft of your covered "auto".

No deductibles apply to this Personal Property coverage.

K. AIRBAGS

The following is added to Paragraph B.3., **Exclusions**, of **SECTION III – PHYSICAL DAMAGE COVERAGE**:

Exclusion 3.a. does not apply to "loss" to one or more airbags in a covered "auto" you own that inflate due to a cause other than a cause of "loss" set forth in Paragraphs A.1.b. and A.1.c., but only:

- a. If that "auto" is a covered "auto" for Comprehensive Coverage under this policy;
- b. The airbags are not covered under any warranty; and
- c. The airbags were not intentionally inflated.

We will pay up to a maximum of \$1,000 for any one "loss".

L. NOTICE AND KNOWLEDGE OF ACCIDENT OR LOSS

The following is added to Paragraph A.2.a., of **SECTION IV – BUSINESS AUTO CONDITIONS**:

Your duty to give us or our authorized representative prompt notice of the "accident" or "loss" applies only when the "accident" or "loss" is known to:

- (a) You (if you are an individual);
- (b) A partner (if you are a partnership);
- (c) A member (if you are a limited liability company);
- (d) An executive officer, director or insurance manager (if you are a corporation or other organization); or
- (e) Any "employee" authorized by you to give notice of the "accident" or "loss".

M. BLANKET WAIVER OF SUBROGATION

The following replaces Paragraph A.5., **Transfer Of Rights Of Recovery Against Others To Us**, of **SECTION IV – BUSINESS AUTO CONDITIONS**:

5. Transfer Of Rights Of Recovery Against Others To Us

We waive any right of recovery we may have against any person or organization to the extent required of you by a written contract signed and executed prior to any "accident" or "loss", provided that the "accident" or "loss" arises out of operations contemplated by


COMMERCIAL AUTO

such contract. The waiver applies only to the person or organization designated in such contract.

N. UNINTENTIONAL ERRORS OR OMISSIONS

The following is added to Paragraph B.2., **Concealment, Misrepresentation, Or Fraud**, of **SECTION IV – BUSINESS AUTO CONDITIONS**:

The unintentional omission of, or unintentional error in, any information given by you shall not prejudice your rights under this insurance. However this provision does not affect our right to collect additional premium or exercise our right of cancellation or non-renewal.

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke at the bottom.

COMMERCIAL AUTO

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**BLANKET ADDITIONAL INSURED – PRIMARY AND
NON-CONTRIBUTORY WITH OTHER INSURANCE**

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

PROVISIONS

1. The following is added to Paragraph **A.1.c., Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

This includes any person or organization who you are required under a written contract or agreement between you and that person or organization, that is signed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, to name as an additional insured for Covered Autos Liability Coverage, but only for damages to which this insurance applies and only to the extent of that person's or organization's liability for the conduct of another "insured".

2. The following is added to Paragraph **B.5., Other Insurance** of **SECTION IV – BUSINESS AUTO CONDITIONS**:

Regardless of the provisions of paragraph a. and paragraph d. of this part **5. Other Insurance**, this insurance is primary to and non-contributory with applicable other insurance under which an additional insured person or organization is the first named insured when the written contract or agreement between you and that person or organization, that is signed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, requires this insurance to be primary and non-contributory.



POLICY NUMBER: VTC2J-CO-9325B35A-TIL-17

ISSUE DATE: 10/01/2017

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED ENTITY – NOTICE OF CANCELLATION PROVIDED BY US

This endorsement modifies insurance provided under the following:

ALL COVERAGE PARTS INCLUDED IN THIS POLICY

SCHEDULE

CANCELLATION: Number of Days Notice of Cancellation: 30

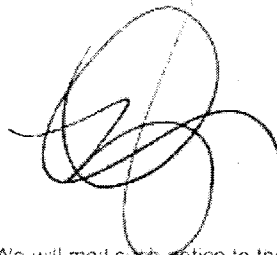
PERSON OR ORGANIZATION:

Any person or organization to whom you have agreed in a written contract that notice of cancellation of this policy will be given, but only if:

1. You send us a written request to provide such notice, including the name and address of such person or organization, after the first Named Insured receives notice from us of the cancellation of this policy; and
2. We receive such written request at least 14 days before the beginning of the applicable number of days shown in this endorsement.

ADDRESS:

The address for that person or organization included in such written request from you to us.



PROVISIONS:

If we cancel this policy for any statutorily permitted reason other than nonpayment of premium, and a number of days is shown for cancellation in the schedule above, we will mail notice of cancellation to the person or organization shown in the schedule

above. We will mail such notice to the address shown in the schedule above at least the number of days shown for cancellation in the schedule above before the effective date of cancellation.

TRAVELERS

ONE TOWER SQUARE
HARTFORD, CT 06183

WORKERS COMPENSATION
AND
EMPLOYERS LIABILITY POLICY

ENDORSEMENT WC 99 03 76 (A) - 001

POLICY NUMBER: VTC2JUB-8J794081-17

**WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS
ENDORSEMENT - CALIFORNIA
(BLANKET WAIVER)**

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule.

The additional premium for this endorsement shall be 03.000 % of the California workers' compensation premium

Schedule

Person or Organization

Job Description

ANY PERSON OR ORGANIZATION FOR
WHICH THE INSURED HAS AGREED
BY WRITTEN CONTRACT EXECUTED
PRIOR TO LOSS TO FURNISH
THIS WAIVER.

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

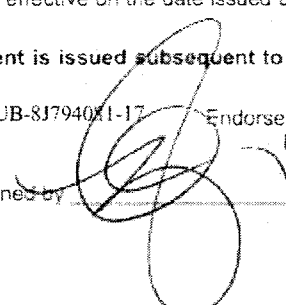
(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective 10/01/2017
Insured

Policy No. VTC2JUB-8J794081-17

Endorsement No.
Premium

Insurance Company

Countersigned by 

DATE OF ISSUE:

ST ASSIGN:

Page 1 of 1

POLICY NUMBER: VTC2J-CAP-9325B361-TIL-17

COMMERCIAL AUTO
ISSUE DATE: 10-01 - 2017

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**WAIVER OF TRANSFER OF RIGHTS OF RECOVERY
AGAINST OTHERS TO US (WAIVER OF SUBROGATION)**

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

SCHEDULE

Name(s) Of Person(s) Or Organization(s):

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The **Transfer Of Rights Of Recovery Against Others To Us** condition does not apply to the person(s) or organization(s) shown in the Schedule, but only to the extent that subrogation is waived prior to the "accident" or the "loss" under a contract with that person or organization.

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke, located in the lower right quadrant of the page.

POLICY NUMBER: VTC2J-CO-9325B35A-TIL-17

COMMERCIAL GENERAL LIABILITY

ISSUE DATE: 10 - 01 - 2017

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**WAIVER OF TRANSFER OF RIGHTS OF RECOVERY
AGAINST OTHERS TO US**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

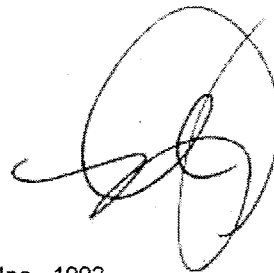
Name of Person or Organization:

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

The TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US Condition (Section IV-COMMERCIAL GENERAL LIABILITY CONDITIONS) is amended by the addition of the following:

We waive any right of recovery we may have against the person or organization shown in the Schedule above because of payments we make for injury or

damage arising out of your ongoing operations or "your work" done under a contract with that person or organization and included in the "products-completed operations hazards." This waiver applies only to the person or organization shown in the Schedule above.

A handwritten signature in black ink, consisting of a large, stylized 'S' or 'B' shape with a vertical line through it, enclosed in a circle.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED ENTITY – NOTICE OF CANCELLATION PROVIDED BY US

This endorsement modifies insurance provided under the following:

ALL COVERAGE PARTS INCLUDED IN THIS POLICY

SCHEDULE

CANCELLATION:

Number of Days Notice of Cancellation: 30

PERSON OR ORGANIZATION:

ANY PERSON OR ORGANIZATION TO WHOM YOU HAVE AGREED IN A WRITTEN CONTRACT THAT NOTICE OF CANCELLATION OF THIS POLICY WILL BE GIVEN, BUT ONLY IF:

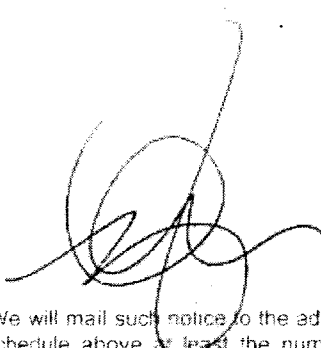
1. YOU SEND US A WRITTEN REQUEST TO PROVIDE SUCH NOTICE, INCLUDING THE NAME AND ADDRESS OF SUCH PERSON OR ORGANIZATION, AFTER THE FIRST NAMED INSURED RECEIVES NOTICE FROM US OF THE CANCELLATION OF THIS POLICY; AND
2. WE RECEIVE SUCH WRITTEN REQUEST AT LEAST 14 DAYS BEFORE THE BEGINNING OF THE APPLICABLE NUMBER OF DAYS SHOWN IN THIS ENDORSEMENT.

ADDRESS:

THE ADDRESS FOR THAT PERSON OR ORGANIZATION INCLUDED IN SUCH WRITTEN REQUEST FROM YOU TO US.

PROVISIONS:

If we cancel this policy for any statutorily permitted reason other than nonpayment of premium, and a number of days is shown for cancellation in the schedule above, we will mail notice of cancellation to the person or organization shown in the schedule



above. We will mail such notice to the address shown in the schedule above at least the number of days shown for cancellation in the schedule above before the effective date of cancellation.



One Tower Square, Hartford, Connecticut 06183

POLICY DECLARATIONS
COMMERCIAL EXCESS LIABILITY
(UMBRELLA) INSURANCE POLICY

POLICY NO.: VTSMJ-CUP-9325B373-TIL-17
ISSUE DATE: 10-17-17

INSURING COMPANY:
TRAVELERS PROPERTY CASUALTY COMPANY OF AMERICA

1. NAMED INSURED AND MAILING ADDRESS:

PAVEMENT RECYCLING SYSTEMS INC
AS PER CG T8 00
10240 SAN SEVAINE WAY

JURUPA VALLEY CA 91752

2. THE NAMED INSURED IS A:

CORPORATION SOLE PROPRIETOR PARTNERSHIP OR JOINT VENTURE OTHER

3. POLICY PERIOD: From 10-01-17 to 10-01-18 12:01 A.M. Standard Time at your mailing address.

4. PREMIUM: * \$ 158,473 Flat Charge Adjustable (See premium schedule)

* AMS BINDER BILLED #244231

5. LIMITS OF INSURANCE:

COVERAGES		LIMITS OF LIABILITY
AGGREGATE LIMITS OF LIABILITY	3,000,000	Products/Completed Operations Aggregate
	3,000,000	General Aggregate
COVERAGE A - Bodily Injury and Property Damage Liability	3,000,000	any one occurrence subject to the Products/Completed Operations and the General Aggregate Limits
COVERAGE B - Personal and Advertising Injury Liability	3,000,000	any one person or organization subject to the General Aggregate Limit of Liability
RETAINED LIMIT	10,000	any one occurrence or offense

6. SCHEDULE OF UNDERLYING INSURANCE:

POLICY	LIMITS (000 omitted)	COVERAGE	COMPANY
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SEE ENDORSEMENT CG D0 23 04 96

7. On the effective date shown in Item 3, the Commercial Excess Liability (Umbrella) Insurance Policy numbered above includes this Declarations Page and the Policy Jacket (Form UM 00 76 which contains the Nuclear Energy Liability Exclusion) and any endorsements listed hereafter:

SEE END. IL T8 01 01 01

NAME AND ADDRESS OF AGENT OR BROKER:

CRYSTAL IBC LLC DHB01
601 S FIGUEROA ST STE 4480
LOS ANGELES CA 90017

COUNTERSIGNED BY:

Authorized Representative

DATE:

2/22/18

CG T0 14 04 96
OFFICE: ORANGE

**LIST OF STREETS - 2017/2018 PART 2 SLURRY SEAL PROJECT
DISTRICTS 4 and 5**

Attachment 1

RD BK PAGE	SUPV DIST.	MAINT. DIST.	ROAD NAME NUMBER	LIMITS		Length (FT)	Width (FT)	Area (SQ YD)	WORK DESC.	
				From	To					
207	A	4	19	38TH AVE	ADAMS ST	908' E ADAMS ST	908	34	3,430	Micro 2
207	B	4	19	42ND AVE	WASHINGTON ST	YUCCA LN	1247	58	8,036	Micro/Scrub
207	B	4	19	42ND AVE	YUCCA LN	LIMA HALL RD	1391	58	8,964	Micro/Scrub
207	B	4	19	42ND AVE	LIMA HALL RD	HERMITAGE DR	3317	58	21,376	Micro/Scrub
207	B	4	19	42ND AVE	HERMITAGE DR	GLASS DR	4609	58	29,702	Micro/Scrub
A										
205		4	19	ADAMS ST	38TH AVE	2095' N 38TH AVE	2095	60	13,967	Micro 2
205		4	19	ADAMS ST	2095' N 38TH AVE	5590' N 38TH AVE	3495	16	6,213	Micro 2
207	A	4	19	ADAMS ST	40TH AVE	39TH AVE	2658	30	8,860	Micro 2
207	A	4	19	ADAMS ST	39TH AVE	38TH AVE	2639	30	8,797	Micro 2
207	B	4	19	AERODROME AVE	GASLIGHT AVE	HOPEWELL AVE	1010	36	4,040	SS1
207	B	4	19	ALLIGATOR POND RD	SAVANNA LA MAR DR	472' N SAVANNA LA MAR DR	472	34	1,783	SS1
207	B	4	19	ANCHOVY RD	PEDRO BUFF DR	MAROON TOWN RD	429	35	1,668	SS1
207	B	4	19	ARUBA CT	PORT ROYAL AVE	124' N PORT ROYAL AVE	124	31	427	SS1
B										
207		4	18	BADGER ST	VARNER RD	JACKAL DR	381	52	2,201	SS2/CS
207	B	4	19	BALACLAVA DR	SAVANNA LA MAR DR	732' N SAVANNA LA MAR DR	732	31	2,521	SS1
213	A	4	19	BATAAN ST	48TH AVE	153' N CORREGIDOR AVE	828	25	2,300	SS1
207	B	4	19	BEADLING RD	SAVANNA LA MAR DR	EWARTON RD	332	36	1,328	SS1
207		4	18	BERKEY DR	VARNER RD	522' N VARNER RD	522	83	4,814	SS2/CS
207		4	18	BERKEY DR	522' N VARNER RD	WILDCAT DR	600	83	5,533	SS2/CS
207	B	4	19	BOWDEN DR	CAMBRIDGE AVE	HOPEWELL AVE	1328	35	5,164	SS1
140	A	5	16	BROADWAY ST	BONITA AVE	MAIN ST	869	45	4,345	SS2
90		5	16	BROOKSIDE AVE	SNOWBERRY RD	861' E UNION ST	2737	50	15,206	SS2
90		5	16	BROOKSIDE AVE	661' E UNION ST	4588' E UNION ST	3927	20	8,727	SS2
90		5	16	BROOKSIDE AVE	SNOWBERRY RD	460' W NORTH DEODAR DR	2,610	20	5,800	SS2
90		5	16	BROOKSIDE AVE	460' W NORTH DEODAR DR	1390' W NORTH DEODAR DR	930	15	1,550	SS2
207	B	4	19	BROWNSTOWN DR	ORCABESSA DR	EWARTON RD	866	32	3,079	SS1
207	B	4	19	BUTLER BAY PL	NEVIS PL	TRINITY CIR	553	35	2,151	SS1
C										
207	B	4	19	CALICO GLEN DR	YUCCA LN	598' E YUCCA LN	596	28	1,854	SS1
207	B	4	19	CALICO GLEN DR	YUCCA LN	539' W YUCCA LN	539	28	1,677	SS1
207	B	4	19	CAMBRIDGE AVE	42ND AVE	JAMAICA SANDS DR	1589	35	6,179	SS1
140	A	5	16	CARMEN AVE	BROADWAY ST	CABAZON ST	1450	30	4,833	SS2
255	A	4	20	CATALINA WAY	TAMARISK DR	470' N TAMARISK DR	470	30	1,567	SS1/CS
91		5	16	CHERRY VALLEY BLVD	HIGHLAND SPRINGS AVE	BELLFLOWER AVE	2349	44	11,484	SS2
183	A	4	18	CHRISTY WAY	LA CANADA WAY	JULIA WAY	263	36	1,052	SS1
207	B	4	19	CLIFF ST	ADAMS ST	618' E ADAMS ST	635	24	1,693	SS1
183	A	4	18	CORPORATE WAY	METROPLEX DR	ENGINEER DR	1630	52	9,418	SS2/CS
213	A	4	19	CORREGIDOR AVE	VAN BUREN ST	BATAAN ST	1288	30	4,293	SS1
255	A	4	20	CRYSTAL WAY	SHASTA DR	420' W SHASTA DR	420	29	1,353	SS1/CS
D										
183	A	4	18	DATIL RD	THELMA AVE	VIA PARED	533	36	2,132	SS1
183	A	4	18	DEL NORTE WAY	ROBERT RD	712' W ROBERT RD	712	30	2,373	SS1
183	A	4	18	DEL NORTE WAY	ROBERT RD	140' E VIA PARED	1145	16	2,036	SS1
207	B	4	19	DELTA ST	ADAMS ST	623' E ADAMS ST	623	24	1,661	SS1
207	B	4	19	DESERT MOUNTAIN CIR	YUCCA LN	536' W YUCCA LN	536	28	1,668	SS1
207	B	4	19	DESERT MOUNTAIN CIR	YUCCA LN	586' E YUCCA LN	586	28	1,823	SS1
207	B	4	19	DUNE LAKE ST	ADAMS ST	618' E ADAMS ST	618	24	1,648	SS1
183	A	4	18	DUNHAM WAY	METROPLEX DR	ENGINEER DR	652	52	3,767	SS2/CS
E										
183	A	4	18	EL CENTRO WAY	424' W MONTE VISTA WAY	ROBERT RD	1010	34	3,816	SS1
183	A	4	18	EL CENTRO WAY	ROBERT RD	1047' W ROBERT RD	1047	36	4,188	SS1
183	A	4	18	ENGINEER DR	CORPORATE WAY	MANUFACTURING RD	215	52	1,242	SS2/CS
207	B	4	19	EWARTON RD	BROWNSTOWN DR	LIMA HALL RD	517	35	2,011	SS1
207	B	4	19	EWARTON RD	LIMA HALL RD	ALLIGATOR POND RD	1300	36	5,200	SS1
F										
255	A	4	20	FAIRWAY DR	612' SE TAMARISK DR	TAMARISK DR	612	30	2,040	SS1/CS
255	A	4	20	FOUNTAIN CV	333' S TAMARISK DR	TAMARISK DR	333	30	1,110	SS1/CS
207	B	4	19	FRONT HALL RD	42ND AVE	618' N 42ND AVE	618	35	2,403	SS1
207	B	4	19	FRONT HALL RD	618' N 42ND AVE	EWARTON RD	493	36	1,972	SS1
G										
207	B	4	19	GASLIGHT AVE	CLIFF ST	AERODROME AVE	348	36	1,392	SS1
255	A	4	20	GREENVALE WAY	470' N TAMARISK DR	TAMARISK DR	470	30	1,567	SS1/CS
H										
207	B	4	19	HERMITAGE DR	42ND AVE	275' N 42ND AVE	275	36	1,100	SS1
207	B	4	19	HERMITAGE DR	275' N 42ND AVE	625' N 42ND AVE	350	36	1,400	SS1
207	B	4	19	HERMITAGE DR	625' N 42ND AVE	897' N 42ND AVE	272	30	907	SS1
207	B	4	19	HOPEWELL AVE	42ND AVE	624' N 42ND AVE	624	35	2,427	SS1
207	B	4	19	HOPEWELL AVE	624' N 42ND AVE	1285' N 42ND AVE	661	27	1,983	SS1
207	B	4	19	HOPEWELL AVE	1285' N 42ND AVE	1943' N 42ND AVE	658	32	2,340	SS1
I										
140	A	5	16	IRENE ST	BROADWAY ST	631' E BROADWAY ST	631	30	2,103	SS1
J										
207		4	18	JACKAL DR	BADGER ST	LEOPARD ST	314	52	1,814	SS2/CS
207	B	4	19	JAMAICA SANDS DR	42ND AVE	2357' N 42ND AVE	2357	35	9,166	SS1
183	A	4	18	JULIA WAY	CHRISTY WAY	ROBERT RD	335	36	1,340	SS1

LIST OF STREETS - 2017/2018 PART 2 SLURRY SEAL PROJECT
DISTRICTS 4 and 5

Attachment 1

RD/BK PAGE	SUPV. DIST.	MAINT. DIST.	ROAD NAME	LIMITS		Length (FT)	Width (FT)	Area (SQ YD)	WORK DESC.
				From	To				
L									
183 A	4	18	LA CANADA WAY	ROBERT RD	700' E ROBERT RD	700	36	2,800	SS1
183 A	4	18	LA CANADA WAY	ROBERT RD	492' W ROBERT RD	492	36	1,968	SS1
207 B	4	19	LAKE CLUB DR	ADAMS ST	HERMITAGE DR	605	36	2,420	SS1
207	4	18	LEOPARD ST	VARNER RD	WILDCAT DR	1136	60	7,573	SS2/CS
213 A	4	19	LEYTE AVE	VAN BUREN ST	197 E LUZON ST	837	30	2,790	SS1
207 B	4	19	LIMA HALL RD	42ND AVE	620' N 42ND AVE	620	38	2,618	SS1
207 B	4	19	LIMA HALL RD	620' N 42ND AVE	EWARTON RD	488	35	1,898	SS1
213 A	4	19	LINGAYEN AVE	VAN BUREN ST	BATAAN ST	1282	29	4,131	SS1
207 B	4	19	LOCOVIA CT	PORT ROYAL AVE	125' N PORT ROYAL AVE	125	31	431	SS1
207 B	4	19	LUANNA POINT DR	SAVANNA LA MAR DR	BALACLAVA DR	724	31	2,494	SS1
213 A	4	19	LUZON ST	48TH AVE	MANILA AVE	1278	28	3,976	SS1
M									
140 A	5	16	MAIN ST	APACHE TRL	1000' W PECAN ST	5235	55	31,992	Micro/Scrub
140 A	5	16	MAIN ST	1000' W PECAN ST	FERN ST	3198	55	19,543	Micro/Scrub
140 A	5	16	MAIN ST	FERN ST	513' E FERN ST	513	55	3,135	Micro/Scrub
213 A	4	19	MANILA AVE	VAN BUREN ST	192 E LUZON ST	830	32	2,951	SS1
183 A	4	18	MANUFACTURING RD	VARNER RD	ENGINEER DR	643	26	1,858	SS2/CS
207 B	4	19	MAROON TOWN DR	SAVANNA LA MAR DR	ANCHOVY RD	981	35	3,815	SS1
183 A	4	18	METROPLEX DR	VARNER RD	CORPORATE WAY	382	60	2,547	SS2/CS
207 B	4	19	MONEAQUE RD	ORCABESSA DR	337' N ORCABESSA DR	337	31	1,161	SS1
207 B	4	19	MONEAQUE RD	337' N ORCABESSA DR	EWARTON RD	494	28	1,537	SS1
N									
207 B	4	19	NEVIS PL	BUTLER BAY PL	TRINITY CIR	459	35	1,785	SS1
O									
207 B	4	19	ORCABESSA DR	BROWNSTOWN DR	FRONT HALL RD	1261	35	4,904	SS1
P									
255 A	4	20	PARKVIEW DR	OASIS RD	TAMARISK DR	739	37	3,038	SS1/CS
207 B	4	19	PEDRO BUFF DR	MAROON TOWN RD	951' N MAROON TOWN RD	951	33	3,487	SS1
183 A	4	18	PET LAND PL	RIO DEL SOL RD	GUNTHER ST	1215	40	5,400	SS2/CS
207 B	4	19	PETERSFIELD RD	ORCABESSA DR	332' N ORCABESSA DR	332	31	1,144	SS1
207 B	4	19	PETERSFIELD RD	332' N ORCABESSA DR	EWARTON RD	499	28	1,552	SS1
207 B	4	19	PORT ROYAL AVE	HERMITAGE DR	JAMAICA SANDS DR	3113	35	12,106	SS1
207 B	4	19	PORUS CT	LUANNA POINT DR	132' E LUANNA POINT DR	132	32	469	SS1
R									
207	4	18	RACCOON ST	WOLF RD	WILDCAT DR	251	52	1,450	SS2/CS
183 A	4	18	ROBERT RD	LA CANADA WAY	EL CENTRO WAY	1345	39	5,828	SS1
183 A	4	18	ROBERT RD	EL CENTRO WAY	DEL NORTE WAY	1340	40	5,956	SS1
S									
207 B	4	19	SAINT ANNES BAY DR	ORCABESSA DR	EWARTON RD	820	31	2,824	SS1
207 B	4	19	SAINT LUCIA CT	PORT ROYAL AVE	163' N PORT ROYAL AVE	163	31	561	SS1
87	5	16	SAN TIMOTEO CANYON RD	LIVE OAK CANYON RD	REDLANDS BLVD	5257	26	15,187	Micro 2
207 B	4	19	SAVANNA LA MAR DR	ADAMS ST	ALLIGATOR POND RD	1300	38	5,489	SS1
207 B	4	19	SAVANNA LA MAR DR	ALLIGATOR POND RD	BEADLING RD	257	36	1,028	SS1
139	5	16	SEMINOLE DR	FIELDS RD	940' E MILLARD PASS	5537	68	41,835	Micro/Scrub
139	5	16	SEMINOLE DR	940' E MILLARD PASS	MORONGO TRL / S	1260	25	3,500	Micro/Scrub
183 A	4	18	SENA CT	ROBERT RD	381' W ROBERT RD	381	36	1,524	SS1
255 A	4	20	SHADOW WAY	412' W SHASTA DR	413' E SHASTA DR	825	30	2,750	SS1/CS
255 A	4	20	SHASTA DR	620' S TAMARISK DR	TAMARISK DR	620	30	2,067	SS1/CS
255 A	4	20	SHASTA DR	TAMARISK DR	1598' N TAMARISK DR	1598	37	6,570	SS1/CS
207 B	4	19	SOMBRERO CT	YUCCA LN	536' W YUCCA LN	536	28	1,668	SS1
207 B	4	19	SPALDING DR	CAMBRIDGE AVE	HOPEWELL AVE	1276	35	4,962	SS1
T									
255 A	4	20	TAMARISK DR	KAISER RD	3942' E KAISER RD	3942	37	16,206	SS1/CS
207 B	4	19	TOBAGO CT	PORT ROYAL AVE	183' N PORT ROYAL AVE	183	31	630	SS1
207 B	4	19	TRINITY CIR	PORT ROYAL AVE	NEVIS PL	1014	35	3,943	SS1
V									
183 A	4	18	VIA PARED	DATIL RD	LA CANADA WAY	975	36	3,900	SS1
183 A	4	18	VIA PARED	LA CANADA WAY	EL CENTRO WAY	1280	36	5,120	SS1
183 A	4	18	VIA PARED	EL CENTRO WAY	DEL NORTE WAY	1290	36	5,160	SS1
183 A	4	18	VIA VENTANA	DATIL RD	LA CANADA WAY	962	36	3,848	SS1
183 A	4	18	VIA VENTANA	LA CANADA WAY	EL CENTRO WAY	1280	36	5,120	SS1
W									
207	4	18	WILDCAT DR	LEOPARD ST	WASHINGTON ST	1758	61	11,915	SS2/CS
207	4	18	WOLF RD	LEOPARD ST	RACCOON ST	602	52	3,478	SS2/CS
Y									
207 B	4	19	YUCCA LN	42ND AVE	675' S 42ND AVE	675	37	2,775	SS1
207 B	4	19	YUCCA LN	675' S 42ND AVE	CALICO GLEN DR	513	36	2,052	SS1
CITY OF BEAUMONT									
90	5	16	BROOKSIDE AVE	661' E UNION ST	4588' E UNION ST	3927	20	8,727	SS2
90	5	16	BROOKSIDE AVE	SNOWBERRY RD	460' W NORTH DEODAR DR	2,610	20	5,800	SS2
90	5	16	BROOKSIDE AVE	460' W NORTH DEODAR DR	1390' W NORTH DEODAR DR	930	15	1,550	SS2

List of Access Ramps

Dist.	Ramp #	Major Street	Minor Street	Corner	Case	Treatment	Included
5	90-03A	BROOKSIDE AVE	UNION ST	SE	A	FULL RECONSTRUCTION RAMP	
5	90-02A	BROOKSIDE AVE	HANNON RD	SW	A	FULL RECONSTRUCTION RAMP	
5	91-01A	CHERRY VALLEY BLVD	BELLFLOWER AVE	SE	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING (4FT X 10FT AC PAVEMENT)
5	91-02A	CHERRY VALLEY BLVD	OVERLAND	SW	A	FULL RECONSTRUCTION RAMP	
5	91-02B	CHERRY VALLEY BLVD	OVERLAND	SE	A	FULL RECONSTRUCTION RAMP	
5	139-01A	SEMINOLE DR	MILLARD PASS	NE	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING (4FT X 10FT AC PAVEMENT)
5	140A-01A	MAIN ST	BROADWAY ST	SW	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING (4FT X 10FT AC PAVEMENT)
5	140A-01B	MAIN ST	BROADWAY ST	SE	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING (4FT X 10FT AC PAVEMENT)
5	140A-02A	BROADWAY ST	CARMEN AVE	SE	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING (4FT X 10FT AC PAVEMENT)
4	183A-01A	VARNER RD	METROPLEX DR	NE	A	FULL RECONSTRUCTION RAMP	
4	183A-01B	VARNER RD	METROPLEX DR	SE	A	FULL RECONSTRUCTION RAMP	
4	183A-02A	RIO DEL SOL RD	PETLAND PL	NE	A	FULL RECONSTRUCTION RAMP	
4	183A-02B	RIO DEL SOL RD	PETLAND PL	SE	A	FULL RECONSTRUCTION RAMP	
4	183A-03A	VARNER RD	MANUFACTURING RD	NE	A	FULL RECONSTRUCTION RAMP	
4	183A-03B	VARNER RD	MANUFACTURING RD	SE	A	INSTALL TRUNCATED DOME	
4	183A-04A	METROPLEX DR	DUNHAM WAY	NW	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING (4FT X 10FT AC PAVEMENT)
4	183A-04B	METROPLEX DR	DUNHAM WAY	SW	A	FULL RECONSTRUCTION RAMP	
4	183A-05A	MANUFACTURING RD	ENGINEER DR	NW	A	FULL RECONSTRUCTION RAMP	
4	183A-05B	MANUFACTURING RD	ENGINEER DR	NE	A	INSTALL TRUNCATED DOME	
4	183A-06A	PETLAND PL	GUNTHER ST	SW	A	PROTECT IN PLACE EXISTING RAMP	REMOVE & REPLACE STREET LANDING AND GUTTER (4FT X 10FT AC PAVEMENT, 2FT X 10FT CONCRETE)
4	183A-07A	LA CANADA WAY	CHRISTY WAY	SW	A	FULL RECONSTRUCTION RAMP	R&R STREET LANDING (4FT X 10FT AC PAVEMENT) REMOVE & REPLACE STREET LANDING AND GUTTER (4FT X 10FT AC PAVEMENT, 2FT X 10FT CONCRETE)
4	183A-07B	LA CANADA WAY	CHRISTY WAY	SE	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING AND GUTTER (4FT X 10FT AC PAVEMENT, 2FT X 10FT CONCRETE)
4	183A-10B	ROBERT RD	JULIA WAY	SW	A	PROTECT IN PLACE EXISTING RAMP	REMOVE & REPLACE STREET LANDING AND GUTTER (4FT X 10FT AC PAVEMENT, 2FT X 10FT CONCRETE)
4	183A-11A	ROBERT RD	LA CANADA WAY	NW	A	FULL RECONSTRUCTION RAMP	
4	183A-11C	ROBERT RD	LA CANADA WAY	SE	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING AND GUTTER (4FT X 10FT AC PAVEMENT, 2FT X 10FT CONCRETE)
4	183A-11D	ROBERT RD	LA CANADA WY	NE	A	FULL RECONSTRUCTION RAMP	
4	183A-12C	ROBERT RD	EL CENTRO WAY	SE	A	FULL RECONSTRUCTION RAMP	
4	183A-12D	ROBERT RD	EL CENTRO WAY	NE	A	FULL RECONSTRUCTION RAMP	
4	183A-13A	ROBERT RD	DEL NORTE WAY	SW	A	FULL RECONSTRUCTION RAMP	
4	183A-13B	ROBERT RD	DEL NORTE WAY	SE	A	FULL RECONSTRUCTION RAMP	
4	183A-14A	LA CANADA WAY	VIA PARED	NW	A	FULL RECONSTRUCTION RAMP	
4	183A-14B	LA CANADA WAY	VIA PARED	SW	A	FULL RECONSTRUCTION RAMP	
4	183A-14C	LA CANADA WAY	VIA PARED	SE	A	FULL RECONSTRUCTION RAMP	
4	183A-14D	LA CANADA WAY	VIA PARED	NE	A	FULL RECONSTRUCTION RAMP	
4	183A-15A	EL CENTRO WAY	VIA PARED	NW	A	FULL RECONSTRUCTION RAMP	
4	183A-15B	EL CENTRO WAY	VIA PARED	SW	A	INSTALL TRUNCATED DOME	REMOVE & REPLACE STREET LANDING, CURB & GUTTER (4FT X 10FT AC PAVEMENT, 20FT CURB & GUTTER)
4	183A-15C	EL CENTRO WAY	VIA PARED	SE	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING AND GUTTER (4FT X 10FT AC PAVEMENT, 2FT X 10FT CONCRETE)
4	183A-15D	EL CENTRO WAY	VIA PARED	NE	A	INSTALL TRUNCATED DOME	
4	183A-16A	VIA PARED	DEL NORTE WAY	SW	A	INSTALL TRUNCATED DOME	
4	183A-16B	VIA PARED	DEL NORTE WAY	SE	A	INSTALL TRUNCATED DOME	
4	183A-17A	VIA VENTANA	DATIL RD	NW	A	FULL RECONSTRUCTION RAMP	
4	183A-17B	VIA VENTANA	DATIL RD	NE	A	FULL RECONSTRUCTION RAMP	
4	183A-18A	LA CANADA WAY	VIA VENTANA	NW	A	FULL RECONSTRUCTION RAMP	
4	183A-18B	LA CANADA WAY	VIA VENTANA	SW	A	FULL RECONSTRUCTION RAMP	
4	183A-18C	LA CANADA WAY	VIA VENTANA	SE	A	FULL RECONSTRUCTION RAMP	
4	183A-18D	LA CANADA WAY	VIA VENTANA	NE	A	FULL RECONSTRUCTION RAMP	
4	183A-19A	EL CENTRO WAY	VIA VENTANA	SW	A	FULL RECONSTRUCTION RAMP	

Dist.	Ramp #	Major Street	Minor Street	Corner	Case	Treatment	Included
4	183A-19B	EL CENTRO WAY	VIA VENTANA	SE	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING AND GUTTER (4FT X 10FT AC PAVEMENT, 2FT X 10FT CONCRETE)
4	183A-20A	PETLAND PL	HILL ST	SE	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING (4FT X 10FT AC PAVEMENT)
4	183A-20B	PETLAND PL	HILL ST	SW	A	PROTECT IN PLACE EXISTING RAMP	REMOVE & REPLACE STREET LANDING AND GUTTER (4FT X 10FT AC PAVEMENT, 2FT X 10FT CONCRETE)
4	183A-21A	PETLAND PL	FRONT ST	SE	A	PROTECT IN PLACE EXISTING RAMP	
4	183A-21B	PETLAND PL	FRONT ST	SW	A	INSTALL TRUNCATED DOME	
4	183A-22A	DUNHAM WAY	ENGINEER DR	SW	A	FULL RECONSTRUCTION RAMP	
4	183A-22B	DUNHAM WAY	ENGINEER DR	SE	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING (4FT X 10FT AC PAVEMENT)
4	207A-02A	ADAMS ST	38TH AVE	NW	A	FULL RECONSTRUCTION RAMP	
4	207A-02B	ADAMS ST	38TH AVE	SW	A	FULL RECONSTRUCTION RAMP	
4	207B-02A	YUCCA LN	CALICO GLEN DR	NW	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING (4FT X 10FT AC PAVEMENT)
4	207B-02B	YUCCA LN	CALICO GLEN DR	NE	A	FULL RECONSTRUCTION RAMP	
4	207B-03A	YUCCA LN	DESERT MOUNTAIN LN	NW	A	FULL RECONSTRUCTION RAMP	
4	207B-03B	YUCCA LN	DESERT MOUNTAIN LN	SW	A	FULL RECONSTRUCTION RAMP	
4	207B-03C	YUCCA LN	DESERT MOUNTAIN LN	SE	A	INSTALL TRUNCATED DOME	
4	207B-03D	YUCCA LN	DESERT MOUNTAIN LN	NE	A	FULL RECONSTRUCTION RAMP	
4	207B-04A	YUCCA LN	SOMBRERO CT	NW	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING (4FT X 10FT AC PAVEMENT)
4	207B-04B	YUCCA LN	SOMBRERO CT	SW	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING (4FT X 10FT AC PAVEMENT)
4	207B-06C	42ND AVE	LIMA HALL RD	SE	B	FULL RECONSTRUCTION RAMP	
4	207B-07A	EWATON RD	MONEAQUE RD	SW	A	INSTALL TRUNCATED DOME	
4	207B-07B	EWATON RD	MONEAQUE RD	SE	A	FULL RECONSTRUCTION RAMP	
4	207B-08A	EWATON RD	PETERSFIELD RD	SW	A	FULL RECONSTRUCTION RAMP	
4	207B-09A	42ND AVE	FRONT HALL RD	NW	B	FULL RECONSTRUCTION RAMP	
4	207B-09B	42ND AVE	FRONT HALL RD	NE	B	FULL RECONSTRUCTION RAMP	
4	207B-10A	EWARTON RD	FRONT HALL RD	SW	A	FULL RECONSTRUCTION RAMP	
4	207B-10B	EWARTON RD	FRONT HALL RD	SW	A	FULL RECONSTRUCTION RAMP	
4	207B-11A	EWARTON RD	BEADLING RD	SW	A	FULL RECONSTRUCTION RAMP	
4	207B-11B	EWARTON RD	BEADLING RD	SE	A	FULL RECONSTRUCTION RAMP	
4	207B-12A	SAWANNA LA MAR RD	ALLIGATOR POND RD	NW	A	FULL RECONSTRUCTION RAMP	
4	207B-13A	EWARTON RD	ALLIGATOR POND RD	NW	A	FULL RECONSTRUCTION RAMP	
4	207B-13B	EWARTON RD	ALLIGATOR POND RD	SW	A	FULL RECONSTRUCTION RAMP	
4	207B-16A	42ND AVE	ADAMS ST	NW	A	FULL RECONSTRUCTION RAMP	RELOCATE POWER POLES (2)
4	207B-16B	42ND AVE	ADAMS ST	SW	B	FULL RECONSTRUCTION RAMP	
4	207B-16C	42ND AVE	ADAMS ST	SE	B	FULL RECONSTRUCTION RAMP	
4	207B-16D	42ND AVE	ADAMS ST	NE	A	FULL RECONSTRUCTION RAMP	
4	207B-17A	ADAMS ST	LAKE CLUB DR	NE	A	FULL RECONSTRUCTION RAMP	
4	207B-17B	ADAMS ST	LAKE CLUB DR	SE	A	INSTALL TRUNCATED DOME	REMOVE & REPLACE 20FT CURB & GUTTER
4	207B-18A	42ND AVE	HERMITAGE DR	NW	B	FULL RECONSTRUCTION RAMP	
4	207B-18B	42ND AVE	HERMITAGE DR	NE	B	FULL RECONSTRUCTION RAMP	
4	207B-19A	HERMITAGE DR	PORT ROYAL	SW	B	FULL RECONSTRUCTION RAMP	
4	207B-20A	LAKE CLUB DR	HERMITAGE DR	NW	A	INSTALL TRUNCATED DOME	REMOVE & REPLACE 20FT CURB & GUTTER
4	207B-20B	LAKE CLUB DR	HERMITAGE DR	SW	A	INSTALL TRUNCATED DOME	REMOVE & REPLACE 20FT CURB & GUTTER

Dist	Ramp #	Major Street	Minor Street	Corner	Case	Treatment	Included
4	207B-21B	GASLIGHT AVE	DELTA ST	SW	B	FULL RECONSTRUCTION RAMP	
4	207B-22A	42ND AVE	HOPEWELL AVE	NW	B	FULL RECONSTRUCTION RAMP	
4	207B-22B	42ND AVE	HOPEWELL AVE	NE	B	FULL RECONSTRUCTION RAMP	
4	207B-23A	HOPEWELL AVE	AERODROME AVE	NW	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING (4FT X 10FT AC PAVEMENT)
4	207B-23B	HOPEWELL AVE	AERODROME AVE	SW	A	PROTECT IN PLACE EXISTING RAMP	
4	207B-24A	42ND AVE	CAMBRIDGE AVE	NW	B	FULL RECONSTRUCTION RAMP	
4	207B-24B	42ND AVE	CAMBRIDGE AVE	NW	B	FULL RECONSTRUCTION RAMP	
4	207B-25A	42ND AVE	JAMAICA SAND DR	NW	B	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING (4FT X 10FT AC PAVEMENT)
4	207B-25B	42ND AVE	JAMAICA SAND DR	NE	B	FULL RECONSTRUCTION RAMP	
4	207B-26A	42ND AVE	GLASS DR	SW	B	FULL RECONSTRUCTION RAMP	
4	207B-26B	42ND AVE	GLASS DR	SE	B	FULL RECONSTRUCTION RAMP	
4	207B-28A	EWARTON RD	LIMA HALL RD	SE	A	FULL RECONSTRUCTION RAMP	
4	207B-28B	EWARTON RD	LIMA HALL RD	NE	A	FULL RECONSTRUCTION RAMP	

CITY OF BEAUMONT							
Dist	Ramp #	Major Street	Minor Street	Corner	Case	Treatment	Included
5	90-04A	BROOKSIDE AVE	FAIRWAY DR	SW	A	PROTECT IN PLACE EXISTING RAMP	REMOVE & REPLACE STREET LANDING AND GUTTER (4FT X 10FT AC PAVEMENT, 2FT X 10FT CONCRETE)
5	90-04B	BROOKSIDE AVE	FAIRWAY DR	SE	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING (4FT X 10FT AC PAVEMENT)
5	90-05A	BROOKSIDE AVE	OAK VIEW DR	SW	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING (4FT X 10FT AC PAVEMENT)
5	90-05B	BROOKSIDE AVE	OAK VIEW DR	SE	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING (4FT X 10FT AC PAVEMENT)
5	90-06B	BROOKSIDE AVE	SNOWBERRY RD	SW	B	PROTECT IN PLACE EXISTING RAMP	REMOVE & REPLACE STREET LANDING AND GUTTER (4FT X 10FT AC PAVEMENT, 2FT X 10FT CONCRETE)
5	90-07A	BROOKSIDE AVE	OLD WOOD RD	SE	A	INSTALL TRUNCATED DOME	
5	90-07B	BROOKSIDE AVE	OLD WOOD RD	SW	A	INSTALL TRUNCATED DOME	
5	90-08A	BROOKSIDE AVE	MORGAN AVE	SE	A	INSTALL TRUNCATED DOME	REMOVE & REPLACE STREET LANDING AND GUTTER (4FT X 10FT SPANDRELL, 2FT X 10FT CONCRETE)
5	90-08B	BROOKSIDE AVE	MORGAN AVE	SW	A	INSTALL TRUNCATED DOME	
5	90-09A	BROOKSIDE AVE	NORTH DEODAR DR	SE	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING AND GUTTER (4FT X 10FT AC PAVEMENT, 2FT X 10FT CONCRETE)
5	90-09B	BROOKSIDE AVE	NORTH DEODAR DR	SW	A	FULL RECONSTRUCTION RAMP	REMOVE & REPLACE STREET LANDING AND GUTTER (4FT X 10FT AC PAVEMENT, 2FT X 10FT CONCRETE)

Form 11 Attachment

Contract/Lease/Purchase Summary Data

Contract (for Services)

- Approval/Renewal
- Sole Source
- Personal Services
- Independent Contractor
- Other than Low Bid
- Change Order
- Public Works

Lease

- Approval/Renewal
- Multi-Year Lease
- Equipment
- Real Property
- Change Order

Purchase (for Materials)

- Sole Source
- Other than Low Bid
- Change Order

Selection Committee Member Names (RFP's Only)

User Department:	Transportation Department
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N/A

Vendor/Lessor Name:	Pavement Coatings Co.
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Minority

Status: M W DV None

Vendor/Lessor Location:	Jurupa Valley, CA
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Local Preference Applied: Yes No N/A

Local Preference Award Cost \$
(5% maximum preference)

Local Preference FYTD: Cost \$ # of Orders

Applicable Board Policy #

Comments:

RFQ/RFP Process:

Date Mailed:
Response Date:
of Responses:
of Qualified Responses:

Bidding Process:

Bid Range: \$2,953,538.60 to \$3,385,583.00
Local Bid Range: N/A
Responsive and Responsible Bid Range: \$2,953,538.60 to \$3,385,583.00

Contract/Lease Renewals Only

Existing Agreement Items

Proposed Agreement Items

1. Rates
2. Terms
3. Conditions
4. Legal Issues
5. Accountability
6. Utilities

(continue on blank sheet if necessary)

NOTE: COMPETITIVELY BID PUBLIC WORKS CONTRACT

**Riverside County Transportation Department
Summary of Bids**

PROJECT:

Slurry Seal Project, for FY2017/18 Part 2
District 4 and District 5

Advertised: December 5, 2017 (Agenda Item: 3.32)

Addenda: 1(1/28/2017), 2(1/4/2018), 3(1/5/18)

Bids Open: 2 pm Date: Wednesday, January 17, 2018

PROJECT No. C8-0009 and C8-0010

	Company Name	Base Bid Subtotal	Alternate Bid Schedule 1A Subtotal	Alternate Bid Schedule 1B Subtotal	Total
	COUNTY'S ESTIMATE	2,227,703.00	457,900.00	85,505.00	\$2,771,108.00
1	Pavement Coating Company	2,381,318.60	480,840.00	91,380.00	\$2,953,538.60
2	American Asphalt South, Inc.	2,527,628.85	454,085.00	96,313.00	\$3,078,026.85
3	All American Asphalt	2,414,520.14	569,917.39	133,250.46	\$3,117,687.99
4	CA Pavement Maintenance Co, Inc.	2,666,733.75	475,950.00	126,746.50	\$3,269,430.25
5	Roy Allen Slurry Seal, Inc.	2,685,432.70	463,445.00	123,194.00	\$3,272,071.70
6	Intermountain Slurry Seal	2,858,938.00	431,400.00	95,245.00	\$3,385,583.00
	Average Bid Prices	\$2,589,095.34	\$479,272.90	\$111,021.49	\$3,179,389.73

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Slurry Seal Project, for FY2017/18 Part 2
District 4 and District 5**

Advised: December 5, 2017 (Agenda Item: 3.32)
Addenda: 1(12/28/2017), 2(1/4/2018), 3(1/5/18), 4(1/9/2018)
Bids Open: 2 pm Date: Wednesday, January 17, 2018

PROJECT No. C8-0009 and C8-0010

Base Bid		COUNTY'S ESTIMATE				Pavement Coating Company Mira Loma, CA 91752			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE	
1	414111	ROUT AND SEAL RANDOM CRACKS	LS	1	174,000.00	174,000.00	161,000.00	161,000.00	
2	150716	REMOVE PAINTED TRAFFIC STRIPE AND PAVEMENT MARKING, PAVEMENT MARKERS	LS	1	73,000.00	73,000.00	113,000.00	113,000.00	
3	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	4	3,500.00	14,000.00	1,500.00	6,000.00	
4	013702	ASPHALT REJUVENATING EMULSION (SCRUB SEAL)	TON	230	700.00	161,000.00	620.00	142,600.00	
5	377501	SLURRY SEAL TYPE 1	ELT	1,740	220.00	382,800.00	265.00	461,100.00	
6	377501	SLURRY SEAL TYPE 2	ELT	1,130	220.00	248,600.00	208.00	235,040.00	
7	375001	SCREENINGS	SQYD	284,000	1.50	426,000.00	2.00	568,000.00	
8	380000	MICROSURFACING2	TON	2,320	200.00	464,000.00	175.00	406,000.00	
9	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	10,600	3.00	31,800.00	2.21	23,426.00	
10	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	159,660	0.30	47,898.00	0.36	57,477.60	
11	850102	PAVEMENT MARKER (REFLECTIVE)	EA	1,535	3.00	4,605.00	5.00	7,675.00	
12	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	200,000.00	200,000.00	200,000.00	200,000.00	
Base Bid Sub-Total Items 1-12						2,227,703.00		2,381,318.60	
ALTERNATE BID SCHEDULE 1 (CONCRETE CURB RAMPS AND ASSOCIATED WORK)		COUNTY'S ESTIMATE				Pavement Coating Company Mira Loma, CA 91752			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE	
13	150769	REMOVE ASPHALT CONCRETE	SQYD	75	100.00	7,500.00	216.00	16,200.00	
14	390130	HOT MIX ASPHALT	TON	28	300.00	8,400.00	540.00	15,120.00	
15	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	67	5,000.00	335,000.00	4,860.00	325,620.00	
16	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	17	5,000.00	85,000.00	4,860.00	82,620.00	
17	731504	MINOR CONCRETE (CURB AND GUTTER)	LF	80	150.00	12,000.00	108.00	8,640.00	
18	731517	MINOR CONCRETE (GUTTER)	SQFT	80	50.00	4,000.00	108.00	8,640.00	
18A	731656	CURB RAMP DETECTABLE WARNING SURFACE	EA	12	500.00	6,000.00	2,000.00	24,000.00	
Alt. Bid Sch. 1 Sub-Total Items 13-18A						457,900.00		480,840.00	

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Slurry Seal Project, for FY2017/18 Part 2
District 4 and District 5**

Advertised: December 5, 2017 (Agenda Item: 3.32)
Addenda: 1(1/2/28/2017), 2(1/4/2018), 3(1/5/18), 4(1/9/2018)
Bids Open: 2 pm Date: Wednesday, January 17, 2018

PROJECT No. C8-0009 and C8-0010

ALTERNATE BID SCHEDULE 2 (CITY OF BEAUMONT)		COUNTY'S ESTIMATE			Pavement Coating Company Mira Loma, CA 91752			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
19	414111	ROUT AND SEAL RANDOM CRACKS	LS	1	6,000.00	6,000.00	4,000.00	4,000.00
20	150716	REMOVE PAINTED TRAFFIC STRIPE AND PAVEMENT MARKING	LS	1	1,000.00	1,000.00	4,000.00	4,000.00
21	377501	SLURRY SEAL TYPE 2	ELT	150	220.00	33,000.00	108.00	16,200.00
22	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	400	3.00	1,200.00	9.00	3,600.00
23	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	6,350	0.30	1,905.00	0.40	2,540.00
24	850102	PAVEMENT MARKER (REFLECTIVE)	EA	100	3.00	300.00	5.00	500.00
25	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	5	5,000.00	25,000.00	5,000.00	25,000.00
26	731517	MINOR CONCRETE (GUTTER)	SQFT	80	50.00	4,000.00	100.00	8,000.00
27	150769	REMOVE ASPHALT CONCRETE	SQYD	32	150.00	4,800.00	270.00	8,640.00
28	390130	HOT MIX ASPHALT	TON	11	300.00	3,300.00	540.00	5,940.00
29	017302	MINOR CONCRETE (CROSS-GUTTER) (CRS 209)	SQFT	60	50.00	3,000.00	108.00	6,480.00
30	731656	CURB RAMP DETECTABLE WARNING SURFACE	EA	4	500.00	2,000.00	1,620.00	6,480.00
Alt. Bid Sch. 2 Sub-Total						85,505.00		91,380.00
Item 19-30								

Project Total		2,771,108.00	2,953,538.60
Items 1-30			

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Slurry Seal Project, for FY2017/18 Part 2
District 4 and District 5**

Advertised: December 5, 2017 (Agenda Item: 3.32)
Addenda: 1(12/28/2017), 2(1/4/2018), 3(1/5/18), 4(1/9/2018)
Bids Open: 2 pm Date: Wednesday, January 17, 2018

PROJECT No. C8-0009 and C8-0010

Base Bid		2			3					
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID ESTIMATE			
1	414111	ROUT AND SEAL RANDOM CRACKS	LS	1	260,000.00	260,000.00	150,627.43			
2	150716	REMOVE PAINTED TRAFFIC STRIPE AND PAVEMENT MARKING, PAVEMENT MARKERS	LS	1	92,000.00	92,000.00	98,737.36			
3	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	4	3,500.00	14,000.00	9,187.65			
4	013702	ASPHALT REJUVENATING EMULSION (SCRUB SEAL)	TON	230	535.00	123,050.00	121,256.00			
5	377501	SLURRY SEAL TYPE 1	ELT	1,740	269.03	468,112.20	480,205.20			
6	377501	SLURRY SEAL TYPE 2	ELT	1,130	207.40	234,362.00	238,079.70			
7	375001	SCREENINGS	SQYD	284,000	1.95	553,800.00	550,960.00			
8	380000	MICROSURFACING2	TON	2,320	212.22	492,350.40	451,796.80			
9	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	10,600	2.15	22,790.00	23,426.00			
10	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	159,660	0.40	63,864.00	55,881.00			
11	850102	PAVEMENT MARKER (REFLECTIVE)	EA	1,535	2.15	3,300.25	6,800.05			
12	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	200,000.00	200,000.00	200,000.00			
Base Bid Sub-Total						2,527,628.85	2,414,520.14			
					2			3		
ALTERNATE BID SCHEDULE 1 (CONCRETE CURB RAMPS AND ASSOCIATED WORK)					American Asphalt South, Inc. Fontana, CA 92331			All American Asphalt Corona, CA 92878		
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE	
13	150769	REMOVE ASPHALT CONCRETE	SQYD	75	11.00	825.00	13,036.50	173.82	13,036.50	
14	390130	HOT MIX ASPHALT	TON	28	1,025.00	28,700.00	18,153.52	648.34	18,153.52	
15	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	67	4,850.00	324,950.00	420,652.80	6,278.40	420,652.80	
16	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	17	4,850.00	82,450.00	95,396.01	5,611.53	95,396.01	
17	731504	MINOR CONCRETE (CURB AND GUTTER)	LF	80	65.00	5,200.00	7,335.20	91.69	7,335.20	
18	731517	MINOR CONCRETE (GUTTER)	SQFT	80	37.00	2,960.00	7,285.60	91.07	7,285.60	
18A	731656	CURB RAMP DETECTABLE WARNING SURFACE	EA	12	750.00	9,000.00	8,057.76	671.48	8,057.76	
Alt. Bid Sch. 1 Sub-Total						454,085.00	569,917.39			

Riverside County Transportation Department
Summary of Bids

PROJECT: Slurry Seal Project, for FY2017/18 Part 2
District 4 and District 5

Advertised: December 5, 2017 (Agenda Item: 3.32)
Addenda: 1(12/28/2017), 2(1/4/2018), 3(1/5/18), 4(1/9/2018)
Bids Open: 2 pm Date: Wednesday, January 17, 2018

PROJECT No. C8-0009 and C8-0010

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	2		3	
					BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
19	414111	ROUT AND SEAL RANDOM CRACKS	LS	1	5,000.00	5,000.00	4,144.86	4,144.86
20	150716	REMOVE PAINTED TRAFFIC STRIPE AND PAVEMENT MARKING	LS	1	7,000.00	7,000.00	3,626.75	3,626.75
21	377501	SLURRY SEAL TYPE 2	ELT	150	207.40	31,110.00	319.92	47,988.00
22	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	400	2.15	860.00	8.29	3,316.00
23	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	6,350	0.40	2,540.00	0.34	2,159.00
24	850102	PAVEMENT MARKER (REFLECTIVE)	EA	100	2.15	215.00	4.27	427.00
25	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	5	4,850.00	24,250.00	9,113.73	45,568.65
26	731517	MINOR CONCRETE (GUTTER)	SQFT	80	65.00	5,200.00	32.77	2,621.60
27	150769	REMOVE ASPHALT CONCRETE	SQYD	32	16.50	528.00	265.74	8,503.68
28	390130	HOT MIX ASPHALT	TON	11	1,300.00	14,300.00	550.12	6,051.32
29	017302	MINOR CONCRETE (CROSS-GUTTER) (CRS 209)	SQFT	60	38.50	2,310.00	99.30	5,958.00
30	731656	CURB RAMP DETECTABLE WARNING SURFACE	EA	4	750.00	3,000.00	721.40	2,885.60
Alt. Bid Sch. 2 Sub-Total						96,313.00		133,250.46

Project Total Items 1-30	3,078,026.85	3,117,687.99
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**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Slurry Seal Project, for FY2017/18 Part 2
District 4 and District 5**

Advertised: December 5, 2017 (Agenda Item: 3.32)
Addenda: 1(12/28/2017), 2(1/4/2018), 3(1/5/18), 4(1/9/2018)
Bids Open: 2 pm Date: Wednesday, January 17, 2018

PROJECT No. C8-0009 and C8-0010

Base Bid		4			5			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	414111	ROUT AND SEAL RANDOM CRACKS	LS	1	163,000.00	163,000.00	207,200.00	207,200.00
2	150716	REMOVE PAINTED TRAFFIC STRIPE AND PAVEMENT MARKING, PAVEMENT MARKERS	LS	1	150,000.00	150,000.00	101,750.00	101,750.00
3	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	4	5,000.00	20,000.00	4,400.00	17,600.00
4	013702	ASPHALT REJUVENATING EMULSION (SCRUB SEAL)	TON	230	515.00	118,450.00	1,200.00	276,000.00
5	377501	SLURRY SEAL TYPE 1	ELT	1,740	265.00	461,100.00	217.13	377,806.20
6	377501	SLURRY SEAL TYPE 2	ELT	1,130	290.00	327,700.00	195.47	220,881.10
7	375001	SCREENINGS	SQYD	284,000	1.98	562,320.00	2.52	715,680.00
8	380000	MICROSURFACING2	TON	2,320	212.00	491,840.00	197.24	457,596.80
9	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	10,600	4.20	44,520.00	3.24	34,344.00
10	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	159,660	0.75	119,745.00	0.44	70,250.40
11	850102	PAVEMENT MARKER (REFLECTIVE)	EA	1,535	5.25	8,058.75	4.12	6,324.20
12	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	200,000.00	200,000.00	200,000.00	200,000.00
Base Bid Sub-Total						2,666,733.75		2,685,432.70
		4			5			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
13	150769	REMOVE ASPHALT CONCRETE	SQYD	75	210.00	15,750.00	11.00	825.00
14	390130	HOT MIX ASPHALT	TON	28	525.00	14,700.00	1,045.00	29,260.00
15	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	67	4,725.00	316,575.00	4,950.00	331,650.00
16	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	17	4,725.00	80,325.00	4,950.00	84,150.00
17	731504	MINOR CONCRETE (CURB AND GUTTER)	LF	80	105.00	8,400.00	66.00	5,280.00
18	731517	MINOR CONCRETE (GUTTER)	SQFT	80	105.00	8,400.00	38.00	3,040.00
18A	731656	CURB RAMP DETECTABLE WARNING SURFACE	EA	12	2,650.00	31,800.00	770.00	9,240.00
Alt. Bid Sch. 1 Sub-Total						475,950.00		463,445.00
Items 13-18A								

Riverside County Transportation Department
Summary of Bids

PROJECT: Slurry Seal Project, for FY2017/18 Part 2
District 4 and District 5

Advertised: December 5, 2017 (Agenda Item: 3.32)
Addenda: 1(12/28/2017), 2(1/4/2018), 3(1/5/18), 4(1/9/2018)
Bids Open: 2 pm Date: Wednesday, January 17, 2018

PROJECT No. C8-0009 and C8-0010

ALTERNATE BID SCHEDULE 2 (CITY OF BEAUMONT)		4			5			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
19	414111	ROUT AND SEAL RANDOM CRACKS	LS	1	6,500.00	6,500.00	14,627.00	14,627.00
20	150716	REMOVE PAINTED TRAFFIC STRIPE AND PAVEMENT MARKING	LS	1	6,500.00	6,500.00	14,025.00	14,025.00
21	377501	SLURRY SEAL TYPE 2	ELT	150	290.00	43,500.00	262.04	39,306.00
22	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	400	5.25	2,100.00	4.34	1,736.00
23	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	6,350	0.75	4,762.50	0.44	2,794.00
24	850102	PAVEMENT MARKER (REFLECTIVE)	EA	100	5.25	525.00	4.12	412.00
25	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	5	5,350.00	26,750.00	4,950.00	24,750.00
26	731517	MINOR CONCRETE (GUTTER)	SQFT	80	105.00	8,400.00	66.00	5,280.00
27	150769	REMOVE ASPHALT CONCRETE	SQYD	32	262.00	8,384.00	17.00	544.00
28	390130	HOT MIX ASPHALT	TON	11	525.00	5,775.00	1,300.00	14,300.00
29	017302	MINOR CONCRETE (CROSS-GUTTER) (CRS 209)	SQFT	60	52.50	3,150.00	39.00	2,340.00
30	731656	CURB RAMP DETECTABLE WARNING SURFACE	EA	4	2,600.00	10,400.00	770.00	3,080.00
Alt. Bid Sch. 2 Sub-Total						126,746.50		123,194.00
Items 19-30								

Project Total	3,269,430.25	3,272,071.70
Items 1-30		

Riverside County Transportation Department
Summary of Bids

PROJECT: Slurry Seal Project, for FY2017/18 Part 2
District 4 and District 5

Advertised: December 5, 2017 (Agenda Item: 3.32)
Addenda: 1(12/28/2017), 2(1/4/2018), 3(1/5/18), 4(1/9/2018)
Bids Open: 2 pm Date: Wednesday, January 17, 2018

PROJECT No. C8-0009 and C8-0010

Base Bid		Intermountain Slurry Seal EIK Grove, CA 95624				
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
1	414111	ROUT AND SEAL RANDOM CRACKS	LS	1	280,000.00	280,000.00
2	150716	REMOVE PAINTED TRAFFIC STRIPE AND PAVEMENT MARKING, PAVEMENT MARKERS	LS	1	197,868.15	197,868.15
3	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	4	6,000.00	24,000.00
4	013702	ASPHALT REJUVENATING EMULSION (SCRUB SEAL)	TON	230	31.00	7,130.00
5	377501	SLURRY SEAL TYPE 1	ELT	1,740	210.00	365,400.00
6	377501	SLURRY SEAL TYPE 2	ELT	1,130	185.00	209,050.00
7	375001	SCREENINGS	SQYD	284,000	2.85	809,400.00
8	380000	MICROSURFACING2	TON	2,320	287.00	665,840.00
9	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	10,600	3.55	37,630.00
10	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	159,660	0.36	57,477.60
11	850102	PAVEMENT MARKER (REFLECTIVE)	EA	1,535	3.35	5,142.25
12	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	200,000.00	200,000.00
Base Bid Sub-Total						2,858,938.00
Items 1-12						
ALTERNATE BID SCHEDULE 1 (CONCRETE CURB RAMPS AND ASSOCIATED WORK)		Intermountain Slurry Seal EIK Grove, CA 95624				
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
13	150769	REMOVE ASPHALT CONCRETE	SQYD	75	200.00	15,000.00
14	390130	HOT MIX ASPHALT	TON	28	500.00	14,000.00
15	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	67	4,400.00	294,800.00
16	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	17	4,400.00	74,800.00
17	731504	MINOR CONCRETE (CURB AND GUTTER)	LF	80	100.00	8,000.00
18	731517	MINOR CONCRETE (GUTTER)	SQFT	80	100.00	8,000.00
18A	731656	CURB RAMP DETECTABLE WARNING SURFACE	EA	12	1,400.00	16,800.00
Alt. Bid Sch. 1 Sub-Total						431,400.00
Items 13-18A						

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Slurry Seal Project, for FY2017/18 Part 2
District 4 and District 5**

Advertised: December 5, 2017 (Agenda Item: 3.32)
Addenda: 1(12/28/2017), 2(1/4/2018), 3(1/5/18), 4(1/9/2018)
Bids Open: 2 pm Date: Wednesday, January 17, 2018

PROJECT No. C8-0009 and C8-0010

ALTERNATE BID SCHEDULE 2 (CITY OF BEAUMONT)		6		Intermountain Slurry Seal EIK Grove, CA 95624		
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
19	414111	ROUT AND SEAL RANDOM CRACKS	LS	1	3,500.00	3,500.00
20	150716	REMOVE PAINTED TRAFFIC STRIPE AND PAVEMENT MARKING	LS	1	6,000.00	6,000.00
21	377501	SLURRY SEAL TYPE 2	ELT	150	185.00	27,750.00
22	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	400	3.95	1,580.00
23	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	6,350	0.40	2,540.00
24	850102	PAVEMENT MARKER (REFLECTIVE)	EA	100	3.75	375.00
25	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	5	4,400.00	22,000.00
26	731517	MINOR CONCRETE (GUTTER)	SQFT	80	100.00	8,000.00
27	150769	REMOVE ASPHALT CONCRETE	SQYD	32	200.00	6,400.00
28	390130	HOT MIX ASPHALT	TON	11	500.00	5,500.00
29	017302	MINOR CONCRETE (CROSS-GUTTER) (CRS 209)	SQFT	60	100.00	6,000.00
30	731656	CURB RAMP DETECTABLE WARNING SURFACE	EA	4	1,400.00	5,600.00
Alt. Bid Sch. 2 Sub-Total						95,245.00
Items 19-30						

Project Total	3,385,583.00
Items 1-30	



Patricia Romo, P.E.
Director of Transportation

COUNTY OF RIVERSIDE

TRANSPORTATION AND LAND MANAGEMENT AGENCY

Mojahed Salama, P.E.
Deputy for Transportation/Capital Projects
Richard Lantis, P.L.S.
Deputy for Transportation/Planning and
Development

Transportation Department

ADDENDUM NUMBER 1

Dated December 28, 2017
to the
Specifications and Contract Documents
for the construction of

Slurry Seal Project
For Fiscal Year 2017/2018 Part 2
District 4, Project No. C8-0009
District 5, Project No. C8-0010

Bids Due: (Revised)
Wednesday, January 10, 2018; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Bid (Proposal). Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

Item 1: The new designated date and time for the receipt and opening of bids is revised as follows:

Wednesday, January 10, 2018; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

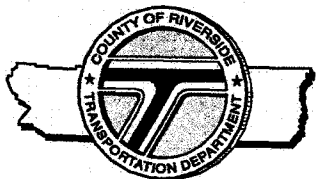
Prepared by: _____

Joel Jimenez 12/28/17
Joel Jimenez, PE; Senior Civil Engineer, Contracts/Bidding Unit

Acknowledged: _____ Date: _____

(Contractor)

JRJ:sb



Patricia Romo, P.E.
Director of Transportation

COUNTY OF RIVERSIDE

TRANSPORTATION AND LAND MANAGEMENT AGENCY

Transportation Department

Mojahed Salama, P.E.
Deputy for Transportation/Capital
Projects

Richard Lantis, P.L.S.
Deputy for Transportation/Planning and
Development

ADDENDUM NUMBER 3

Dated January 5, 2018

to the
Specifications and Contract Documents
for the construction of

Slurry Seal Project
For Fiscal Year 2017/2018 Part 2
District 4, Project No. C8-0009
District 5, Project No. C8-0010

Bids Due: Wednesday, January 10, 2018; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Bid (Proposal). Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

Item 1: Revised Proposal. Refer to Revised bid Proposal (pages B2-B3) issued by addendum 2. The estimated quantity of bid item 4 "ASPHALT REJUVENATING EMULSION (SCRUB SEAL)" has been revised from 320 to 230. Bidders are advised to strike through and write down the correct quantity on their bid proposal. In the event any bidder failed to make this correction on his/her bid proposal then County will make the proposed correction on bidder's behalf.

Prepared by: _____

Joel Jimenez, PE; Senior Civil Engineer, Contracts/Bidding Unit

1/5/18

Acknowledged: _____

(Contractor)

Date: _____

JRJ:sb



Patricia Romo, P.E.
Director of Transportation

COUNTY OF RIVERSIDE
TRANSPORTATION AND
LAND MANAGEMENT AGENCY

Transportation Department

Mojahed Salama, P.E.
Deputy for Transportation/Capital
Projects
Richard Lantis, P.L.S.
Deputy for Transportation/Planning and
Development

ADDENDUM NUMBER 4

Dated January 9, 2018

to the
Specifications and Contract Documents
for the construction of

Slurry Seal Project
For Fiscal Year 2017/2018 Part 2
District 4, Project No. C8-0009
District 5, Project No. C8-0010

Bids Due: REVISED

Wednesday, January 17, 2018; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Bid (Proposal). Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

Item 1: The new designated date and time for the receipt and opening of bids is revised as follows:

Wednesday, January 17, 2018; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

**SLURRY SEAL PROJECT
FOR FISCAL YEAR 2017/2018 PART 2
DISTRICT 4, PROJECT No. C8-0009
DISTRICT 5, PROJECT No. C8-0010**

PROPOSAL (REVISED)**BASE BID**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
1	414111	ROUT AND SEAL RANDOM CRACKS	LS	1		
2	150716	REMOVE PAINTED TRAFFIC STRIPE AND PAVEMENT MARKING , PAVEMENT MARKERS	LS	1		
3	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	4		
4	013702	ASPHALT REJUVENATING EMULSION (SCRUB SEAL)	TON	230		
5	377501	SLURRY SEAL TYPE 1	ELT	1,740		
6	377501	SLURRY SEAL TYPE 2	ELT	1,130		
7	375001	SCREENINGS	SQYD	284,000		
8	380000	MICROSURFACING2	TON	2,320		
9	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	10,600		
10	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	159,660		
11	850102	PAVEMENT MARKER (REFLECTIVE)	EA	1,535		
12	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	200,000.00	200,000.00

BASE BID

SUBTOTAL:

\$

ITEMS 1-12

"WORDS"

ALTERNATE BID SCHEDULE 1 (CONCRETE CURB RAMPS AND ASSOCIATED WORK)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
13	150769	REMOVE ASPHALT CONCRETE	SQYD	75		
14	390130	HOT MIX ASPHALT	TON	28		
15	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	67		
16	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	17		
17	731504	MINOR CONCRETE (CURB AND GUTTER)	LF	80		
18	731517	MINOR CONCRETE (GUTTER)	SQFT	80		
18A	731656	CURB RAMP DETECTABLE WARNING SURFACE	EA	12		

ALT. BID 1

SUBTOTAL:

\$

ITEM 13-18A

"WORDS"

ALTERNATE BID SCHEDULE 2 (CITY OF BEAUMONT)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
19	414111	ROUT AND SEAL RANDOM CRACKS	LS	1		
20	150716	REMOVE PAINTED TRAFFIC STRIPE AND PAVEMENT MARKING	LS	1		
21	377501	SLURRY SEAL TYPE 2	ELT	150		
22	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	400		
23	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	6,350		
24	850102	PAVEMENT MARKER (REFLECTIVE)	EA	100		
25	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	5		
26	731517	MINOR CONCRETE (GUTTER)	SQFT	80		
27	150769	REMOVE ASPHALT CONCRETE	SQYD	32		
28	390130	HOT MIX ASPHALT	TON	11		
29	017302	MINOR CONCRETE (CROSS-GUTTER) (CRS 209)	SQFT	60		
30	731656	CURB RAMP DETECTABLE WARNING SURFACE	EA	4		

ALT. BID 2
SUBTOTAL:

ITEM 19-30

_____ \$ _____

"WORDS"

PROJECT TOTAL:

ITEMS 1-30

_____ \$ _____

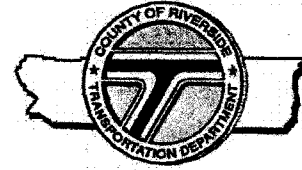
"WORDS"



Juan C. Perez, P.E., T.E.
Transportation and Land Management
Agency Director

COUNTY OF RIVERSIDE

TRANSPORTATION AND LAND MANAGEMENT AGENCY



Patricia Romo, P.E.
Director of Transportation

Transportation Department

ADDENDUM NUMBER 2

Dated January 4, 2018

to the
Specifications and Contract Documents
for the construction of

Slurry Seal Project
For Fiscal Year 2017/2018 Part 2
District 4, Project No. C8-0009
District 5, Project No. C8-0010

Bids Due: Wednesday, January 10, 2018; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street, Riverside, CA 92501
(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Bid (Proposal). Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

Item 1: Revised Proposal. Refer to "Proposal" pages B2-B3. Delete and replace "Proposal" (pages B2-B3) with "Proposal (Revised)" attached herewith as **Attachment "A"**.

a. The quantities of following bid items has been revised in the bid proposal.

Item 5,	SLURRY SEAL TYPE 1
Item 6,	SLURRY SEAL TYPE 2
Item 8,	MICROSURFACING2
Item 9,	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING
Item 10,	PAINT TRAFFIC STRIPE (2-COAT)
Item 11,	PAVEMENT MARKER (REFLECTIVE)
Item 13,	REMOVE ASPHALT CONCRETE
Item 14,	HOT MIX ASPHALT

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Item 15,	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)
Item 18,	MINOR CONCRETE (GUTTER)
Item 21,	SLURRY SEAL TYPE 2
Item 22,	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING
Item 23,	PAINT TRAFFIC STRIPE (2-COAT)
Item 24,	PAVEMENT MARKER (REFLECTIVE)
Item 25,	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)
Item 26,	MINOR CONCRETE (GUTTER)
Item 27,	REMOVE ASPHALT CONCRETE
Item 28,	HOT MIX ASPHALT

- b. The following bid items are being added in the bid proposal.

Item 18A,	CURB RAMP DETECTABLE WARNING SURFACE
Item 29,	MINOR CONCRETE (CROSS-GUTTER) (CRS 209)
Item 30,	CURB RAMP DETECTABLE WARNING SURFACE

Item #2: Description

Refer to Special Provisions Section **Description** on page 1 of the Bid Book. The second paragraph has been revised as follow and made part thereof.

Cape seal (slurry seal over chip seal) treatment adds a layer of "chips" or small crushed rock (screenings), with the slurry seal placed over the chips.

The following paragraphs are added after second paragraph and made part thereof.

Microsurfacing is similar to slurry seal. It consists of the application of a mixture of water, asphalt emulsion, aggregate, and chemical additives to an existing asphalt concrete pavement surface. Microsurfacing contains chemical additives which allow it to break without relying on the sun or heat for evaporation to occur.

Scrub seal treatment consist of an application of asphalt rejuvenating emulsion on the existing roadway pavement and then adding a layer of "chips" or small crushed rock (screenings).

Item #3: Project Schedule

Refer to Special Provisions Section **Project Schedule** on page 2 of the Bid Book. The first paragraph has been revised as follow and made part thereof.

The slurry seal work is generally performed **April through November** or as directed by the County of Riverside Transportation Department.

The third paragraph has been revised as follow and made part thereof.

The prices paid per ton for slurry seal and other items paid per ton as identified in the bid proposal and per square yard for Screenings shall include all costs for mobilization, coordination, traffic control and no adjustments will be made to submitted bid prices.

Item #4: Modified Hours of Work

Refer to Special Provisions Section **Modified Hours of Work** on page 2 of the Bid Book. This section has been removed and replaced with the following Special Provisions and made part thereof.

All application of seal coat shall be performed between **8:00 A.M. and 2:00 P.M.** after placing traffic control devices. All application of seal coat shall be sufficiently cured to permit the road to be opened by 5:00 P.M.

No reduction on traveled lanes and lane width shall be permitted on any County street leading to any school from 30 minutes before to 30 minutes after both school begin bell and dismiss bell and for any modified school schedules such as, minimum days, early release, late start, etc., that has not been addressed specifically. No reduction of the traveled lanes and lane width on weekends, legal holidays, and when active work is not being done unless otherwise approved by the Engineer. No reduction of the traveled lanes and lane width shall be permitted on any County street from 5:00 P.M. to 8:00 A.M., Monday through Friday, except for roads listed below.

- **Brookside Ave from Nancy Ave to Beaumont High School:**
All application of seal coat shall be performed between 9:00 A.M. and 11:30 A.M. after placing traffic control devices. All application of seal coat shall be sufficiently cured to permit the road to be opened by 2:30 P.M. Work hours shall be reduced and coordinated with the school district on modified school days specified above. No reduction of the traveled lanes and lane width shall be permitted from 2:30 P.M. to 9:00 A.M., Monday through Friday.
- **La Canada Way and Robert Rd:**
All application of seal coat shall be performed between 9:00 A.M. and 12:00 P.M. after placing traffic control devices. All application of seal coat shall be sufficiently cured to permit the road to be opened by 3:00 P.M. No reduction of the traveled lanes and lane width shall be permitted from 3:00 P.M. to 9:00 A.M., Monday through Friday.
- **San Timoteo Canyon Rd:**
The application of microsurfacing shall be performed between 9:00 P.M. and 4:00 A.M. after placing traffic control devices. All application of seal coat shall be sufficiently cured to permit the road to be opened by 6:00 A.M. No reduction of the traveled lanes and lane width shall be permitted from 6:00 A.M. to 9:00 P.M., Monday through Friday.
- **Seminole Dr:**
All application of seal coat shall be performed between 8:00 A.M. and 2:00 P.M. after placing traffic control devices. All application of seal coat shall be sufficiently cured to permit the road to be opened by 5:00 P.M. No reduction of the traveled lanes and lane width shall be permitted on Fridays and from 5:00 P.M. to 8:00 A.M., Monday through Thursday.

Exceptions and specific work schedules shall be submitted to the Engineer for consideration.

Item #5: Liquidated Damages

Refer to Special Provisions sub section 'Additional Liquidated Damages' of Section **Liquidated Damages** on page 3 of the Bid Book. Second paragraph has been removed and replaced with the following:

Striping and Pavement Marking Removal

Striping and pavement markings shall be removed no earlier than 5 calendar days before the slurry, microsurfacing, scrub, or cape seal application.

Contractor shall be assessed Liquidated Damages in the amount of \$500 per calendar day, for each street that the striping and pavement markers are removed, and the Contractor fails to apply the respective seal treatment.

Third and fourth paragraph has been revised as follows:

Thermoplastic Crosswalk, Paint Traffic Stripe, and Pavement Marking

Crosswalk lines, paint traffic stripe, and pavement markings shall be restored by the Contractor no earlier than five-calendar days and no later than ten-calendar days after the completion of each street respective treatment.

Contractor shall be assessed Liquidated Damages in the amount of **\$500 per calendar day for each street** that the Contractor fails to complete all Thermoplastic Crosswalk, Paint Traffic Stripe, and Pavement Marking improvements within ten (10) calendar days after the completion of each street respective seal treatment.

Item #6: Obtain Encroachment Permit

Refer to Special Provisions Section **Obtain Encroachment Permit** on page 5 of the Bid Book. Following additional entity is included in the list of entities and clarification regarding traffic control plan approval added and made part thereof.

San Bernardino County

Contractor to submit Traffic Control plans to Caltrans and Cities for review and approval prior to issuance of Encroachment Permit.

Item #7: Order of Work

Refer to Special Provisions Section **Order of Work** on page 7 of the Bid Book. Following sub section has been revised:

Business access

Attention is directed to "Public Convenience" of these Special Provisions regarding access to the business adjacent to ~~slurry seal~~ surface sealing activities. Driveway access must be maintained by closing alternating driveways or partial closure of single driveways. Business driveway closure is not permitted. Partial business driveway closure may be permitted if approved by the Engineer. Contractor shall notify and

coordinate with the business in advance of any construction activities that may affect customer access.

Delete sub-section Microsurfacing and replaced with the following:

Slurry Seal, etc.

Attention is directed to "Microsurfacing," "Slurry Seal," and "Cape Seal" of these Special Provisions regarding work procedure. Monday through Friday, the Contractor shall complete the surface seal treatment for a segment of work that can be completed prior to 5:00 PM Friday (five working days). Each segment will include the full width of the roadway. The same segment completed Friday shall be striped (first coat) the following Wednesday. The final striping must be installed upon completion of all the respective seal treatment.

Item #8: Street Sweeping

Refer to Special Provisions Section **Street Sweeping** on page 12 of the Bid Book. Following revision has been made and made part thereof.

Item D, "Sweeping by hand is acceptable in lieu of A, B, and C above" has been removed from sub-section "**Quality Control and Assurance**" and placed under sub-section "**Street Sweepers**".

Item #9: Traffic Control System/Public Convenience/Public Safety

Refer to Special Provisions Section **Traffic Control System/Public Convenience/Public Safety** on page 13-17 of the Bid Book. Following revision has been made and made part thereof.

Refer to item "h" on page 15, second paragraph has been deleted and replaced with the following:

A separate left-turn lane shall be kept open per the following conditions:

1. At signalized intersection;
2. In front of major retail center's primary entrance; and
3. Where left turn lane at two (2) adjacent intersections shall not be closed at the same time.

Temporary "No Parking Any Time" signs, with begin and end dates, shall be installed at least 3 working days in advance of where existing parking will be temporary removed during construction.

No reduction on traveled lanes and lane width shall be permitted on any County street outside of the work hours specified under the MODIFIED HOURS OF WORK section unless otherwise approved by the Engineer.

Refer to item "p" on page 16, second paragraph has been deleted and replaced with the following:

After screenings have been applied, "LOOSE GRAVEL" signs shall remain in place until the respective seal treatment has been applied.

Item #10: Notification of Residents and Posting No Parking Signs

Refer to Special Provisions Section **Notification of Residents and Posting No Parking Signs** on page 18-19 of the Bid Book. Following revision has been made and made part thereof.

Refer to second, fourth and fifth paragraphs on page 18, following revisions has been made to these paragraphs:

Delete the word "slurry or slurried" and replaced with word "sealed" in Second, fourth and fifth paragraphs as shown below:

Coordination with the trash collection firms shall be done such that no street shall be ~~slurried~~ sealed within two (2) days prior to trash collection. Damage occurring to ~~slurry seal~~ sealed surface from trash trucks shall be repaired at the expense of the Contractor and per the direction of the Engineer. The Contractor is solely responsible for coordination with trash collection firms in scheduling all work and the bid submitted is acknowledgement that any and all scheduling issues have been considered herein, with no disruption of trash collection schedules.

Barricades shall have printed notices in large print indicating when the street will be ~~slurried~~ sealed.

The printed handout notices shall contain a general description of the work to be done, the name of the street to be sealed with limits, the day and date of the sealing application, a statement that no on-street parking or driving on the new ~~slurry~~ sealed surface will be allowed between the hours of 7:00 am and 5:00 pm on the day of work, reference to placement of barricades along the street two (2) days in advance of work, a statement that it will be necessary to tow away parked vehicles at the owner's expense per California Vehicle Code CVC 22651L and CVC 22654D; a statement that in the event the street is missed, it will be rescheduled in approximately 1-2 weeks and that the residents will be re-notified; the statement that there will be no disruption of mail service or trash collection schedules, and the handout shall also include the name and telephone number of the Contractor.

Item #11: Rout And Seal Random Cracks/Fill Potholes

Refer to Special Provisions Section **Rout And Seal Random Cracks/Fill Potholes** on page 21 of the Bid Book. Following revision has been made and made part thereof.

Refer to bullet item No. 1, 3 and 4, these items has been revised as shown below and made part thereof.

1. For cracks in size of 1/8 inch to 3/8 inch in width, the crack shall be widened using a router to form a sealant reservoir which is a minimum of 1/2 inch wide and 3/4 inch to 1 inch deep. The routed crack shall then be cleaned with hot compressed air to remove all dust and free moisture, and then sealed to service level. Pavement surfaces receiving the chip seal (cape seal) or scrub seal will not require crack sealing for the crack size specified of 1/8 inch to 3/8 i inch wide.
3. Cracks wider than 3/4 inch and potholes shall be cleaned using sandblasting or other cleaning technique approved by the Engineer. The cracks and/or potholes shall then be filled with pea-gravel size hot mix asphalt concrete as directed by the Engineer. Filling cracks and potholes shall apply to all pavement surfaces receiving the Chip seal (Cape Seal), Scrub Seal, Microsurfacing, and Slurry Seal Type I and Type II.
4. No ~~rubberized slurry seal or slurry seal~~ slurry, cape, microsurfacing, or scrub seal material shall be placed until after the crack seal and/or fill material has been in place for a minimum of five (5) calendar days.

Item #12: Remove Painted and Thermoplastic pavement Markings and Pavement Markers

Refer to Special Provisions Section **Remove Painted and Thermoplastic pavement Markings and Pavement Markers** on page 22 of the Bid Book. Following revision has been made and made part thereof.

Refer to third and fifth paragraphs, following revisions has been made to these paragraphs:

Third paragraph:

Striping and pavement markings shall be removed no earlier than 5 calendar days before the ~~slurry, microsurfacing, or chip seal (cape seal)~~ seal treatment application.

Fifth Paragraph:

Crosswalk lines and pavement markings shall be restored by the Contractor no earlier than five-calendar days and no later than ten-calendar days after the ~~slurry and cape seal~~ seal treatment application. The restoration of the pavement delineations for ~~microsurfacing~~ all seal treatment application shall be in conformance to ORDER OF WORK of these Special Provisions.

Item #13: Test Strip

Refer to Special Provisions Section **Test Strip** on page 22-23 of the Bid Book. Following revision has been made and made part thereof.

First and second paragraph on page 23 has been revised as follow and made part thereof.

~~Two test strips shall be placed for Type I and Type II slurry. Each test strip shall be 400 to 600 feet long and shall replicate the full production placement of the slurry. A minimum of one test strip shall be placed for each of the following seal treatment application: Slurry Seal Type I, Slurry Seal Type II, and Microsurfacing. Each test strip shall be 400 to 600 feet long and shall replicate the full production placement of the surface seal. The Engineer will evaluate each completed test strip for 72 hours after traffic has been allowed on it to determine if the mix design and placement procedure are acceptable. If the mix design or the placement procedure is determined by the Engineer to be unacceptable, the test strips will be rejected. The Contractor shall make modifications to the mix design or procedure and new test strips shall be constructed. The new test strips will be evaluated by the Engineer as previously specified. Rejected test strips shall be at the Contractor's expense and shall be removed if so directed by the Engineer.~~

Method of Payment

Full compensation for furnishing all labor, materials, tools, equipment and incidentals required by ~~the placing of Type I and Type II slurry~~ placing Slurry Type I, Slurry Type II, and Microsurfacing² test strips shall be considered as included in the price paid per ton for Slurry Seal Type I, and Slurry Seal Type II, and Microsurfacing² and no additional compensation will be allowed therefor.

Item #14: Slurry Seal (Type I and Type II)

Refer to Special Provisions Section **Slurry Seal (Type I and Type II)** on page 23-28 of the Bid Book. Following revision has been made and made part thereof.

Add following Special Provisions after third paragraph on page 24:

The Contractor shall submit a laboratory report of tests and a proposed mix design covering the materials proposed for use on the Work. The percentages of each material shall be within the limits shown below.

Mix Design Proportion Limits

	Slurry Type I	Slurry Type II
Residual Asphalt (% by dry wt of aggregate)	10 min	7.5 min
Emulsified Asphalt (% by dry wt of aggregate)	17-20	14-18

Delete following Special Provisions after fifth paragraph on page 24:

~~Modify the following Subsection 302.4.3.1, "General," Table 302.4.3.1 (A) of the Standard Specifications:~~

<u>Slurry Seal</u>	<u>Min.</u>	<u>Max.</u>
Type I	ELT/1700 ft ²	ELT/2000 ft ²
Type II	ELT/1150 ft ²	ELT/1350 ft ²
Type I (over Chip Seal)	ELT/950 ft ²	ELT/1150 ft ²

~~The estimated quantity for slurry seal in the Bid Schedule were based on an application rate of 1700 SF/ELT for Type I and 1150 SF/ELT for Type II. The total areas in Slurry Seal Quantity Tables in the appendix, shall be considered as approximate only and no guarantee is made as to the accuracy.~~

Revised ninth paragraph on page 24 as fol low:

The Contractor shall have a minimum of two slurry trucks or machines and at least one additional mixer as a backup.

Revised third and fourth paragraph on page 25 as follow :

Contractor may not schedule more than **450 250 tons of slurry to be placed per day unless otherwise directed by the Engineer**. Slurry may not be applied at more than 150 feet per minute. ~~Contractor shall not run more than two slurry machines per day.~~

The Contractor shall provide a minimum of two self propelled 10 ton pneumatic roller with a tire pressure of 50 PSI and equipped with a water spray system. The Contractor shall roll all the required streets the same day they are slurred. The Contractor will be responsible for proper scheduling of the work such that the rolling can be properly done within the given time constraint. The cost of furnishing the roller and operator shall be included in the price paid for slurry seal.

Add following Special Provisions at the end of ninth paragraph on page 26:

All RPM's including "Blue Dots" shall be replaced with new ones.

Delete and replace the last paragraph on page 26:

~~Slurry shall be applied when the atmospheric temperature is greater than 50°F but not more than 100°F.~~

Slurry shall not be applied when the atmospheric temperature is less than 50 degrees F or when the temperature exceeds 100 degrees F.

The aggregate application rate shall conform to the requirements shown below.

Aggregate Application Rate

Aggregate Type	Minimum	Maximum
Type I	8 lbs/sy	10 lbs/sy
Type II	12 lbs/sy	15 lbs/sy

Delete and replace the first paragraph on page 27:

~~The application of slurry shall not commence until after 8:00 a.m., and shall conclude at 2:00 p.m. unless otherwise authorized by the Engineer. The slurry shall be sufficiently cured to be open to traffic by 5:00 p.m. The portions of streets to be slurred shall be closed from the time the application begins until the mixture has achieved sufficient set to be opened to traffic.~~

The application of slurry shall be within the work hours specified under the MODIFIED HOURS OF WORK section unless otherwise approved by the Engineer.

Item #15: Chip Seal (Cape Seal)

Refer to Special Provisions Section **Chip Seal (Cape Seal)** on page 28-31 of the Bid Book. Following revision has been made and made part thereof.

The first paragraph on page 29 has been revised as follow:

The work shall consist of a uniform application of asphaltic emulsion followed by a uniform coverage of screenings on existing pavement surfaces. The chip seal coat application will be followed by an application of slurry seal coat Type I or Type II, as shown on the plans, ~~to provide a chip seal coat of the pavement surfaces.~~

Delete and replace the first paragraph under sub-section "Application" on page 30:

~~Chip seal coat shall be placed only when the atmospheric temperature is between 60 F. and 100 F. unless otherwise approved by the Engineer.~~

The asphaltic emulsion shall only be applied when the ambient temperature is between 60 deg F. and 100 deg F, and the pavement temperature is above 55 deg F. The temperature of the asphaltic emulsion at the time of application shall be between 130 deg F and 180 deg F. The application of chip seal shall be within the work hours specified under the MODIFIED HOURS OF WORK section unless otherwise approved by the Engineer.

Delete and replace the sixth and seventh paragraph on page 31:

A light brooming sweeping shall be performed to remove loose screenings before traffic is permitted on the seal coat, at the end of each day's work and as a first order of work on the morning following application of the screenings.

The exact time of brooming-sweeping will be determined by the Engineer. The surface of the seal coat and adjacent pavement shall be swept or broomed two times a day or as often as necessary between the first and fourth days after applying the screenings to maintain the entire paved roadbed free of loose screenings. At the end of each of the fourth days after applying the screenings, any excess screenings shall be removed in such a manner that the screenings set in the binder will not be displaced.

Excess screenings generated by sweeping operations shall be removed and disposed of by the Contractor.

Delete the word "cover" in the section **Measurement and Payment** on page 31 as shown below:

Measurement and Payment

Payment for Chip Seal Coat shall be considered as included in the contract unit price paid per square yard for 'Screenings' and shall be considered as full compensation for furnishing all labor, materials, tools, equipment and incidentals for placing asphaltic emulsion, ~~cover~~-aggregate screenings, rolling, sweeping and performing necessary cleanups as specified in these Special Provisions and as directed by the Engineer.

Item #16: Other Additional Requirements

Refer to Special Provisions Section **Other Additional requirements** on page 32-37 of the Bid Book. This section has been deleted from the Special Provisions.

Item #17: Micro Surfacing

Refer to Special Provisions Section **Micro Surfacing** on page 38-46 of the Bid Book. This section has been revised as follows and made part thereof.

The first paragraph and table under sub-section "Materials" on page 38 has been revised as follows:

Microsurfacing Emulsion (MSE). MSE shall be a quick-traffic, homogeneous, polymer-modified, cationic asphalt emulsion. MSE shall conform to the requirements specified in ~~AASHTO M208 or ASTM D2397 for CSS-1h~~ and the table below. The cement mixing test shall be waived for MSE.

Microsurfacing Emulsion

Test	Test Method	Requirement
Viscosity @ 25°C, SSF	AASHTO T 59	15-90 sec
Sieve Test, max.	AASHTO T 59	0.30%
Settlement, 5 days, max.	ASTM D 244	5%
Storage Stability, 1 day, max.	AASHTO T 59	1%
Residue by Evaporation, min.	California Test 331	64 %
Tests on Residue:		
Test	Test Method	Requirement
G* @ 20°C, 10 rad/sec, MPa	AASHTO T 315	Report Only
Penetration @ 77°F (25°C)	AASHTO T 49	40-90
Phase Angle @ 50°C, 10 rad/sec, PA (max) - PA base	AASHTO T 315	Report Only
Softening Point, min.	AASHTO T 53	135°F (57°C)
Stiffness @ -12°C, MPa, and M-value	AASHTO T 313	Report Only

The second paragraph and "Aggregate Grading" table after third paragraph of sub-section "Aggregate" on page 39 has been revised as follows:

Aggregate shall be **Type II** and shall conform to the grading and quality requirements prior to the addition of the MSE. If aggregates are blended, each component aggregate shall conform to the sand equivalent and durability index requirements.

Aggregate Grading

Sieve Sizes	Percentage Passing	
	Type II	Type III
3/8 (9.5 mm)	100	100
#4 (4.75 mm)	94 – 100	70 – 90
#8 (2.36 mm)	65 – 90	45 – 70
#16 (1.18 mm)	40 – 70	28 – 50
#30 (600 µm)	25 – 50	19 – 34
#200 (75 µm)	5 – 15	5 – 15

The Microsurfacing Spread Rates table on page 45 has been revised as follows:

Microsurfacing Spread Rates

Microsurfacing Type	Location	Spread Rate(lbs/yd ²)
Type II	Full Lane Width	16-24
Type III	Full Lane Width	18-30

Refer to sub-section "Test Strip" on page 45-46, this section has been deleted. This section is covered as specified elsewhere in the Special Provisions.

Item #18: Asphalt Seal Coat

Refer to Special Provisions Section **Asphalt Seal Coat** on page 46-50 of the Bid Book. This section has been deleted from the Special Provisions.

Item #19: Access Ramp Detectable Warning Surface (Truncated Domes)

Refer to Special Provisions Section **Access Ramp Detectable Warning Surface (Truncated Domes)** on page 52 of the Bid Book. This section has been deleted and replaced as follows and made part thereof.

ACCESS RAMP DETECTABLE WARNING SURFACES (TRUNCATED DOME PANELS)

This work includes installing detectable warning surfaces on the curb ramps or on the areas as shown and specified on the plans, in conformance with section 73-1.02B, section 73-3 and section 73-3.01D(2) of Standard Specifications, standard plans, these Special Provisions, and as directed by the Engineer.

The curb ramp detectable warning surface will be a rigid polymer composite/fiberglass panel set into wet concrete for new ramp construction and will be composite/fiberglass panels applied with adhesive and mechanical fasteners for existing ramps that are otherwise ADA-compliant.

The color of the detectable warning surfaces will be yellow complying with Federal Standard 595B, Color No. 33538.

The manufacturer must provide a written 5-year warranty for detectable warning surface, guaranteeing replacement when there is defect in the dome shape, color fastness, sound-on-cane acoustic quality, resilience, or attachment. The warranty period will begin upon acceptance of the contract.

Installation of curb ramp detectable warning surface must comply with the manufacturer's recommendations.

Payment

New Ramps:

Full compensation for Detectable Warning Surfaces (Truncated Dome Panels) shall be considered as included in the contract unit prices paid for the different Minor Concrete curb ramp items of work found in the bid items list, and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals for doing all work involved in constructing detectable warning surface, complete in place, as shown and specified on the plans, as specified in these Special Provisions, and as directed by the Engineer, and no separate payment will be made therefor.

Existing Ramps:

Full compensation for Detectable Warning Surfaces (Truncated Dome Panels) shall be paid per each, and shall include full compensation for furnishing all labor, materials,

tools, equipment and incidentals for doing all work involved in installing detectable warning surface, complete in place, as shown and specified on the plans, as specified in section 73-10 of the Standard Specifications, these Special Provisions, and as directed by the Engineer, and no additional payment will be made therefor.

Item #20: Scrub Seal

The following are new Special Provisions requirements added and made part hereof:

SCRUB SEAL:

Scrub seal shall consist of an application or applications of asphalt rejuvenating emulsion and screenings on existing roadway pavement.

Scrub seal coat shall be performed in accordance with the Standard Specifications for Public Works Construction (Greenbook) 2009 Edition, State of California Department of Transportation Standard Specifications May 2006, and these Provisions.

The Contractor performing the scrub seal shall have had a minimum of three (3) years of experience in the application of polymer modified asphalt sealer as applied to scrub seal and have successfully completed at least three (3) scrub seal projects utilizing the scrub broom operation. Documentation of the Contractor's work history as related to scrub seal and completed projects shall be made available as part of the Contractor's submittal for Scrub Seal. Non-compliance with the required documentation shall result in suspending the scrub seal operation as specified in Section 8-1.05, "Temporary Suspension of Work" until corrected by the Contractor. If the work has started and the Contractor failed to comply under this provision, the work done shall be considered unauthorized work and shall be removed under Section 5-1.09, "Removal of Rejected and Unauthorized Work." The scrub seal operation shall resume when the contractor has fully complied with the requirements, removed and replaced all unauthorized work, and received written approval by the Engineer.

ASPHALT REJUVENATING EMULSION (ARE)

ARE shall be a polymer modified rejuvenating emulsion with a latex polymer produced from asphalt, and a rejuvenating agent. ARE shall conform to the requirements shown in the table below.

Test on Emulsion	Test Method	Specification
Viscosity @ 122°F (SFS)	ASTM D244	50 – 400
Residue, w%, min.	ASTM D244	65
pH	ASTM E70	2.0-5.0
Sieve, w%, max.	ASTM D244	0.1
Oil distillate, w%, max.	ASTM D244	0.5
Test on Residue⁽¹⁾		
Viscosity @ 140°F, Poises, max.	ASTM D2171	5000
Penetration @ 39.2°F, min.	ASTM D5	40
Elastic Recovery on residue by distillation, % min.	AASHTO T59 ^(1,2) , T301	45
Test on Latex⁽³⁾		
Specific Gravity, min.	ASTM D1475	1.08
Tensile Strength, die C dumbbell, psi, min.	ASTM D412 ⁽³⁾	500
Swelling in rejuvenating agent, % max.; 48 hours exposure @ 104°F	ASTM D471 ⁽⁴⁾ Modified	40% intact film
Test on Rejuvenating Agent		
Flash point, COC, °F	ASTM D92	> 380
Hot Mix Recycling Agent Classification	ASTM D4552	See Table 601-2.1 (B)

- (1) Exception to AASHTO T59: Bring the temperature on the lower thermometer slowly to 350°F ± 10°F. Maintain at this temperature for 20 minutes. Complete total distillation in 60 ± 5 minutes from first application of heat.
- (2) Elastic Recovery @ 50°F: Hour glass sides, pull 20 cm, hold 5 minutes then cut, let sit 1 hour.
- (3) Tensile strength determination: Latex films shall be cured at 75°F and 50% relative humidity for 14 days prior to cutting or molding specimens. Suitable substrate for film formation shall be polyethylene boards, silicone rubber sheeting, glass, or any substrate which produces a cured film of uniform cross-section.
- (4) Latex Testing: Suitable substrate for film formation shall be polyethylene boards, silicone rubber sheeting, glass, or any substrate which produces a cured film of uniform cross-section. Polymer film shall be prepared from latex as follows:
 Resistance to Swelling: Polymer films shall be formed by using a 50 mil drawdown bar and drawing down 50 mils of the latex on polyethylene boards. Films shall be cured for 14 days at 75°F and 50% humidity. Samples for resistance to swelling in rejuvenating agent shall be 1" by 2" rectangles cut from the cured film. Cut at least 3 specimens for each sample to be tested for swelling. Fill 3-8 oz ointment tins with at least a ½" deep of rejuvenating agent. Swelling samples shall be weighed and then placed in the ointment tins on top of the rejuvenating agent. Then, add at least another ½" deep of rejuvenating agent over each of the latex samples. The ointment tins shall be covered and placed in an oven at 104°F for the specified 48 hours ± 15 minutes. The ointment tins are allowed to cool to 75°F and then the latex films are removed from the tins. Unabsorbed rejuvenating agent is removed from the intact latex film by scraping with a rubber policeman and blotting with paper towels. If the latex film does not remain intact during removal from the tins or while removing the unabsorbed rejuvenating agent the sample shall be rejected. After the rejuvenating agent is removed from the samples they are then weighed. Percent swelling is reported as weight increase of the polymer film; report mass increase as a percent by weight of the original latex film mass upon exposure of films to the recycling agent.

The rejuvenating agent shall conform to the following requirements.

Test	Requirements
Viscosity, 140°F, CST	50-175
Flash Point, °F, COC	380 Min.
Saturate, % by wt.	30 Max.
Asphaltenes	1.0 Max.
Test on Residue	
Weight Change, %	6.5 Max.
Viscosity Ratio	3 Max.

The Contractor shall submit in accordance with subsection 2-5.3 and 6-1.2 a Certificate of Compliance conforming to 4-1.5 for the polymer. A Certificate of Compliance conforming to 4-1.5 shall accompany each shipment of ARE and ARE's individual component, including the latex and rejuvenating agent, to the Work site and be submitted to the Engineer prior to application. In addition to the requirements of 4-1.5, the certificate shall show the shipment number, type of material, refinery, consignee, destination, quantity, Project title, purchase order number, and date of shipment.

ARE shipped without a Certificate of Compliance will not be allowed to be used on the Work unless otherwise approved by the Engineer. The Contractor shall be responsible for any delays associated with obtaining the approval of the Engineer.

The Contractor shall provide samples of the ARE and each individual component 10 days before placement of the scrub seal and shall be submitted to the Engineer in sealed container showing the project title, type and source of material, and date of shipment. The Contractor shall submit the following:

Material	Quantity
ARE	1 gallon
Latex	2 quarts
Rejuvenating Agent	2 quarts

Additional samples shall be required during the course of placement of the scrub seal as directed by the Engineer.

At any time, the Engineer shall perform quality testing on the samples submitted by the Contractor as deemed necessary to determine the materials compliance with the specifications.

SCREENINGS

Screenings shall consist of broken stone, crushed gravel or both. At least 90 percent by weight of the screenings shall consist of crushed particles as determined by California Test 205. Screenings shall be clean and free from dirt and other deleterious substances.

Screenings shall be **Medium Fine grade with 5/16" x No. 8** size screenings and shall conform to the grading and quality requirements below.

Sieve Sizes	Percentage Passing			
	Coarse 1/2" x No. 4	Medium 3/8" x No. 6	Medium Fine 5/16" x No. 8	Fine 1/4" x No. 10
3/4"	100	—	—	—
1/2"	95-100	100	—	—
3/8"	50-80	90-100	100	100
No. 4	0-15	5-30	30-60	60-85
No. 8	0-5	0-10	0-15	0-25
No. 16	—	0-5	0-5	0-5
No. 30	—	—	0-3	0-3
No. 200	0-2	0-2	0-2	0-2

Tests	California Test	Requirements
Los Angeles Rattler Loss at 100 Rev. (max.)	211	10%
Los Angeles Rattler Loss at 500 Rev. (max.)	211	40%
Film Stripping (max.)	302	25%
Cleanness Value (min.)	227	80

If the results of the aggregate grading and cleanness value for screenings do not meet the requirements specified, the scrub seal coat represented by the test shall be removed.

No single aggregate grading or cleanness value test shall represent one day's production.

EQUIPMENT

Equipment shall be approved by the Engineer prior to use.

Distributor Trucks

Distributor trucks shall be self-propelled and of the pressure-type with insulated tanks. The use of gravity distributors will not be permitted. Spray bars shall have a minimum length of 9 feet and shall be of the full circulating type. The spray bar shall be adjustable to permit positioning at various heights above the surface to be treated. The

valves shall be operated by levers so that one or all valves may be quickly opened or closed in one operation.

Distributor trucks shall be equipped with the following:

- a. Computerized control system which provides for accurate and rapid determination and control of the amount of emulsion being applied,
- b. Heating unit and pump or pumps capable of spraying the asphalt rejuvenating emulsion within 0.03 gal/yd² of the specified application rate,
- c. Fully-circulating spray bar capable of applying the asphalt rejuvenating agent uniformly across the roadway without streaks or other distortions,
- d. Tachometer,
- e. Pressure gauges,
- f. Volume measuring devices,
- g. Temperature gauges,
- h. A hose and nozzle to be used for spraying areas which are inaccessible to the distributor, and
- i. Bitumeter of the auxiliary wheel type registering speed in feet per minute, and trip and total distance in feet.
- j. Scrub broom conforming to subsection "Scrub Brooms".

Cab-controlled valves may be used. The valves which control the flow from nozzles shall act positively so as to provide a uniform unbroken spread of bituminous material on the surface.

Distributor trucks shall be capable of uniformly applying emulsion, in controlled amounts, ranging from 0.02 gallon to 1 gallon per square yard of surface and with a range of pressure from 25 psi to 75 psi. If a spray bar extension is used to cover a greater width, it shall be of the full-circulating type.

Distributor and booster tanks shall be so maintained at all times as to prevent dripping of bituminous material from any part of the equipment.

Scrub Brooms

Scrub brooms shall be composed of a rigid steel frame with hydraulically operated street brooms attached. The main body of the frame shall be a minimum of 8 feet wide by 8 feet long. The minimum frame width shall be 16 feet. The maximum transverse width of the frame at any point shall not exceed 4 feet. The nearest and furthest members, paralleling the back of the distributor truck, and the diagonal members shall be equipped with street brooms. The leading member and the trailing member shall have broom

heads angled at 15 degrees off the centerline of the supporting member. The diagonal members shall have broom heads attached in line with the centerline of the supporting member. Each individual street broom attached to the scrub broom assembly shall be 3-1/2 inches wide x 8 inches high x 16 inches long and shall have stiff nylon bristles. Bristle height shall be maintained at a minimum of 5 inches. The scrub broom may be equipped with hinged wing assemblies which shall not to exceed 4 feet per side including diagonals, and shall be equipped with street brooms.

The weight of the broom assembly shall be such that it does not remove the asphalt rejuvenating emulsion from the roadway surface.

The scrub broom frame shall be attached to and pulled by the distributor truck. The distributor truck shall be equipped with the means to mechanically lift the scrub broom off of the roadway surface at intermediate points of completion and remain in the elevated position during transit.

Haul Trucks

Haul trucks for hauling screenings shall be equipped with the following:

- a) Tailgate discharge,
- b) Locking device for connecting to the chip spreader, and
- c) Dump beds designed such that, when fully raised, no downward pressure is exerted on the chip spreader; and that, when dumping into the chip spreader, screenings are not dumped onto the roadway.

Chip Spreaders

Chip spreaders shall be specifically designed and constructed to spread screenings. Chip spreaders shall be:

- a) self-propelled;
- b) equipped with a locking device for attaching to haul trucks, separate rear receiving and front spreading hoppers, a conveyor system capable of transporting material deposited in the rear hopper to the front hopper, an adjustable width spreading hopper, and a computerized spread rate control system capable of adjusting the spread rate up or down in 1 pound increments; and
- c) capable of towing haul trucks during discharge and spreading screenings over an entire traffic lane width in one pass.

Rollers

Rollers shall be 5-ton, pneumatic tired, oscillating type having a width of not less than 4 feet with pneumatic tires of equal size and diameter having treads satisfactory to the Engineer. Wobble-wheel rollers will not be permitted. The tires shall be spaced so that the gaps between adjacent tires will be covered by the following tires. Rollers shall be self-propelled and reversible. Each roller shall have a separate operator.

Rollers shall be equipped with pads and water systems which prevent sticking of asphalt mixtures to the pneumatic tires. A parting agent, which will not damage the asphalt

mixture, as determined by the Engineer, may be used to aid in preventing the sticking of the mixture to the wheels.

The tires shall be inflated to 90 psi, or a lower pressure as designated by the Engineer, and maintained so that the air pressure will not vary more than 5 psi from the designated pressure. Rollers shall be constructed so that the total weight of the roller can be varied to produce an operating weight per tire of not less than 2,000 pounds. The total operating weight of the roller shall be varied as directed by the Engineer.

Sweepers

Sweepers shall be self-propelled, equipped with a vacuum type broom and having only negative air pressure at the road surface capable of cleaning the existing pavement and removing loose and excess screenings without dislodging screenings set in the asphalt rejuvenating emulsion. Sweepers shall have a built-in water spray system for controlling dust. Gutter brooms or steel-tined brooms shall not be used.

ASPHALT REJUVENATING EMULSION (ARE) APPLICATION

ARE shall be applied by distributor trucks conforming to the subsection "Distributor Trucks" of these Provisions. ARE may be applied with a wand to small or inaccessible areas if so approved by the Engineer. ARE shall not be applied when weather conditions are unsuitable. ARE shall not be applied until sufficient screenings are on hand to immediately cover the ARE.

ARE shall only be applied when the ambient temperature is between 60^o F. and 100^o F., and the pavement temperature is above 55^o F.

The temperature of the ARE at the time of application shall be between 130^o F and 170^o F.

ARE shall not be applied no more than 50 feet than can be immediately covered by screenings, unless otherwise permitted by the Engineer.

The application of ARE shall be within the work hours specified under the MODIFIED HOURS OF WORK section unless otherwise approved by the Engineer.

Application Rate

ARE shall be applied at a rate of 0.25 to 0.40 gallons per square yard. ***The initial rate of application shall be 0.30 gallons per square yard.*** The Contractor may propose a different initial rate of application. The Contractor shall apply ARE to 100-foot test strips as requested by the Engineer to determine and verify the final rate of application. The initial and final rate of application, and any adjustments thereto during placement, shall be subject to approval by the Engineer. The distribution of ARE shall not vary more than 15 percent transversely nor more than 10 percent longitudinally from the rate of application approved by the Engineer as determined by California Test 339. ARE, after application, shall be free of streaks and voids, and shall provide uniform coverage.

Scrubbing

Immediately following application, ARE shall be scrubbed into the existing pavement surface with a scrub broom conforming to subsection "Scrub Brooms" of these Provisions. Scrubbing shall fill cracks and voids, force the ARE into the existing pavement surface, and distribute the ARE uniformly over the roadway cross section.

ARE Termination

ARE shall be terminated on building paper or other similar material approved by the Engineer spread over the entire ARE application width. Building paper shall also be placed over the treated surface for a sufficient length at the beginning of a spread to avoid spraying existing pavement or previously placed screenings and so that the nozzles are spreading properly when the uncovered surface is reached. The building paper shall then be removed and disposed of in a manner satisfactory to the Engineer.

Spreading of Screenings

Screenings shall be uniformly spread by a chip spreader conforming to subsection "Chip Spreaders" of this Provisions. Spreading shall begin immediately following scrubbing. The spreading rate shall be from 18 to 30 pounds per square yard. ***The initial rate of spreading shall be 24 pounds per square yard.*** The Contractor may propose a different initial rate of spreading. The Contractor shall spread screenings on 100-foot test strips as requested by the Engineer to determine and verify the final rate of spreading. The spreading rate shall be adjusted up or down so that no bleed through occurs during rolling. The initial and final rate of spreading, and any adjustments thereto during spreading, shall be subject to approval by the Engineer.

The joint between adjacent applications of screenings shall coincide with the line between designated traffic lanes.

Operating the chip spreader at speeds which cause the chips to roll over after striking the bituminous covered surface will not be permitted.

The transverse termination of screenings shall be complete and any excess screenings shall be removed from the surface prior to resuming operations.

Stockpiling of screenings prior to placing will be permitted; however, any contamination resulting during storage or from reloading operations will be cause for rejection.

Screenings shall be surface damp at the time of application, but excess water on the aggregate surface will not be permitted. Screenings shall be re-dampened in the haul trucks prior to delivery to the chip spreader when so directed by the Engineer.

ARE shall be covered with screenings before setting or "breaking" of the ARE occurs.

After the screenings have been spread, piles, ridges or uneven distribution shall be carefully removed to ensure against permanent ridges, bumps or depressions in the completed surface. Additional screenings shall be spread in whatever quantities may be

required to prevent picking up by the rollers or traffic, after which the surface shall be rolled.

SCRUB SEAL APPLICATION

Roads that are to be scrub sealed shall be applied with ARE and screenings at the application rate approved by the Engineer. The scrub seal shall be applied at full width of the pavement and the following pavement surfaces:

- a. where no curb or gutter exists, the emulsion shall be applied from edge of pavement to edge of pavement.
- b. where a curb exists without gutter, the emulsion shall be applied 4 inches from face of curb.
- c. where a curb and gutter exist, the emulsion shall be applied 4 inches from the lip of gutter.
- d. for cul-de-sacs and curve returns, the emulsion shall be applied following the application (a), (b), or (c) above.

The Contractor shall use any approved means necessary to cover all pavement surfaces with ARE and screenings at the limits specified above. Brooming of the emulsion and spreading of the screenings manually shall be allowed as directed by the Engineer.

FINISHING

Finishing shall consist of rolling and sweeping.

Rolling

A minimum of 2 pneumatic rollers conforming to subsection "Rollers" of these Provisions shall be furnished and operated.

Initial rolling shall consist of one complete coverage and shall begin immediately behind the chip spreader. ARE and screenings shall not be spread more than 2,500 feet ahead of completion of initial rolling operations. Secondary rolling shall begin immediately after completion of the initial rolling. The amount of secondary rolling shall be sufficient to adequately seat the screenings and in no case shall be less than 2 complete coverages.

Sweeping

Sweepers for finishing and maintaining scrub seal coat screenings shall conform to subsection "Sweepers" of these Provisions. Sweeping is required adjacent to curbs, gutters, dikes, berms, railings or other barriers to remove loose screenings. In addition to the sweepers required for maintaining previously placed screenings, at each location where screenings are to be spread, a minimum of 2 self-propelled brooms shall be available prior to the start of spreading the screenings.

Sweeping shall be performed in such a manner that the screenings set in the asphalt rejuvenating emulsion will not be displaced.

The exact time of sweeping will be determined by the Engineer. As a minimum, sweeping will be required as follows:

- a) On 2-lane two-way roadways, from 2 hours to 4 hours after traffic, controlled with pilot cars, has been routed on the seal coat.
- b) On multilane roadways, from 2 hours to 4 hours after screenings have been placed.
- c) In addition to previous sweeping, immediately prior to opening any lane to public traffic, not controlled with pilot cars.
- d) As a first order of work on the morning following application of screenings, on any lane that has been open to public traffic, not controlled with pilot cars.
- e) At the end of the 7 calendar day maintenance period.

The following shall apply to scrub seal coat operations on 2-lane two-way roadways under one-way traffic control:

- f) Upon completion of secondary rolling, public traffic shall be controlled with pilot cars and routed over the new seal coat for a period of from 2 hours to 4 hours. The exact time shall be as determined by the Engineer.
- g) The Contractor shall schedule the operations such that seal coat is placed on both lanes of the traveled way each work shift, and such that one-way traffic control is discontinued before darkness. At the end of the work shift, the end of the seal coat on both lanes shall generally match.

The following shall apply to seal coat operations on multilane roadways:

- h) Initial sweeping may begin after the screenings have been in place for a period of from 2 hours to 4 hours. When the initial sweeping is not completed during the work shift in which the screenings were placed, the initial sweeping shall be completed as the first order of work at the beginning of the next work shift.
- i) Public traffic shall be controlled with pilot cars and shall be routed on the new seal coat surface of a lane, for a minimum of 2 hours after completion of initial sweeping and prior to opening the lane to traffic not controlled with pilot cars. When traffic is controlled with pilot cars, a maximum of one lane in the direction of travel shall be open to public traffic. Once traffic, controlled with pilot cars, is routed over the seal coat at a location, continuous control shall be maintained at that location until the seal coat placement and sweeping on adjacent lanes to receive seal coat is completed.

Excess screenings are not salvageable and which interfere with drainage shall be removed and disposed of by the Contractor at the Contractor's expense.

Finished Surface

The completed, finished surface shall be uniform in appearance and free from ruts, humps, depressions or irregularities.

MAINTENANCE

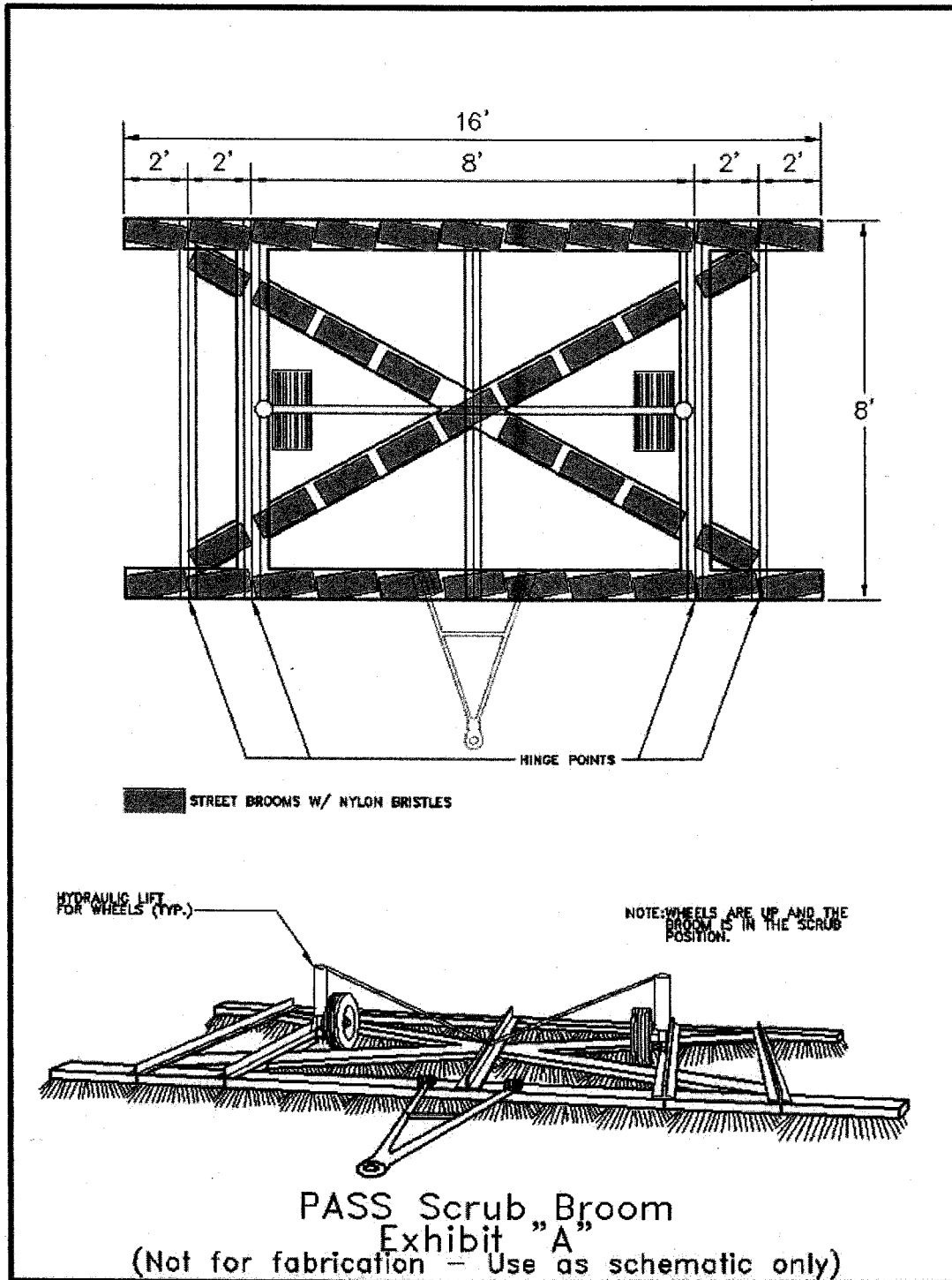
Scrub seal coat surfaces shall be maintained, including the traffic control required for maintenance operations, for a period of 7 consecutive calendar days beginning on the day screenings are applied to the asphalt rejuvenating emulsion. Maintenance of the surface shall include sweeping and the distribution of screenings over the surface to absorb any free ARE, to cover any area deficient in cover coat material and to prevent formation of corrugations. At the discretion of the Engineer, clean sand may be used in lieu of screenings to cover any excess of ARE which comes to the surface. The use of roadside material for this purpose will not be permitted.

The surface of the seal coat shall be swept as often as necessary during the 7 calendar day maintenance period to maintain the surface free of loose screenings. At the end of the 7 consecutive calendar day maintenance period, any excess screenings shall be removed from paved areas.

Measurement and Payment

Payment for Scrub Seal shall be paid for at the contract unit price per square yard for 'Screenings' and per ton for 'Asphalt Rejuvenating Emulsion (Scrub Seal).' Payments shall be considered as full compensation for furnishing all labor, materials, tools, equipment and incidentals for placing asphalt rejuvenating emulsion, aggregate screenings, rolling, sweeping, finishing, maintenance, and performing necessary cleanups as specified in these Special Provisions and as directed by the Engineer.

No adjustment in compensation will be made for any increase or decrease in the quantity of ARE or screenings necessary to obtain the application rates required by the Engineer.



Item #21: Remove Asphalt Concrete Pavement (ADA Ramps)

The following are new Special Provisions requirements added and made part hereof:

REMOVE ASPHALT CONCRETE PAVEMENT (ADA RAMPS):

General

The Contractor shall cold plane the asphalt concrete pavement to construct ADA Compliant AC Ramp to the limit as shown on the approved plans or as directed by the Engineer.

The cold plane machine shall have a cutting head of at least 72 inches in width and shall be operated so as to not produce fumes or smoke.

Construction

The depth, width and shape of the cut shall be as indicated on the plan or as directed by the Engineer. The final cut shall result in a uniform surface. The outside lines of the planned area shall be neat and uniform. The road surfacing to remain in place shall not be damaged in any way.

The material planed from the roadway surface, including material deposited in existing gutters or on the adjacent traveled way, shall be immediately removed from the site of the work and disposed of outside the job site. The removal crew shall follow within 50 feet of the planer, unless otherwise directed by the Engineer.

Nothing in these Special Provisions shall relieve the Contractor from his responsibilities as provided in Section 7-1.04, "Public Safety" of the Standard Specifications.

Removing of the existing asphalt concrete by milling may damage and/or disturb the underlying base. If the underlying base is damaged and/or disturbed during milling process, the existing base must be re-compacted, or if damaged, the existing base must be reconstructed as directed by Engineer. If reconstruction is required, replace the underlying base layer with 0.60' of aggregate base and re-compact it.

Method of Payment

Remove Asphalt Concrete pavement will be paid for at the square yard bid price and shall include full compensation for providing all labor, tools, equipment and disposing of the grindings and no additional compensation will be allowed.

Payment for removal of pavement markers, thermoplastic traffic stripe, painted traffic stripe, and pavement marking within the area of removal is included in the payment for remove asphalt concrete pavement.

Item #22: Hot Mix Asphalt

The following are new Special Provisions requirements added and made part hereof:

HOT MIX ASPHALT:

The asphalt concrete shall be Type "A" and shall conform to the requirements of Section 39 of the Standard Specifications and the following:

The asphalt lift thickness table, as shown in Section 39-6.01, "General Requirements" of the Standard Specifications, is revised as follows:

Total Thickness Shown on Plans	Minimum No. of Layers	Top Layer Thickness (foot)		Next Lower Layer Thickness (foot)		All Other Lower Layer Thickness (foot)	
		Min.	Max.	Min.	Max.	Min.	Max.
0.24-foot or less ^a	1	-	-	-	-	-	-
0.25-foot	2 ^b	0.12	0.13	0.12	0.13	-	-
0.26 - 0.46 foot	2	0.12	0.21	0.14	0.25	-	-
0.47-foot or more	3 or more	0.15	0.21	0.15	0.25	0.17	0.25

Footnotes to asphalt thickness table are revised as follows:

- a. No Change.
- b. One layer of 0.25 foot thick may be placed as approved by the Engineer. When the Traffic Index specified is 5.5 or below, two layers shall be placed.

Asphalts:

Asphalt shall conform to the provisions in this Section, "Asphalts". Section 92, "Asphalts" of the Standard Specifications shall not apply.

Asphalt shall consist of refined petroleum or a mixture of refined liquid asphalt and refined solid asphalt, prepared from crude petroleum. Asphalt shall be:

1. Free from residues caused by the artificial distillation of coal, coal tar, or paraffin;
2. Free from water;
3. Homogeneous.

General:

The Contractor shall furnish asphalt in conformance with the State of California Department of transportation's Certification Program for Suppliers of Asphalt". The Department maintains the program requirements, procedures, and a list of approved suppliers at <http://www.dot.ca.gov/hq/esc/Translab/fpmcoc.htm>.

The Contractor shall ensure the safe transportation, storage, use, and disposal of asphalt.

The Contractor shall prevent the formation of carbonized particles caused by overheating asphalt during manufacturing or construction.

Grade:

Performance graded (PG) asphalt binder shall conform to the following:

Property	AASHTO Test Method	Specification Grade		
		PG 64-10	PG 64-16	PG 70-10
Original Binder				
Flash Point, Minimum °C	T48	230	230	230
Solubility, Minimum % ^b	T44	99	99	99
Viscosity at 135 °C, Maximum, Pa s	T316	3.0	3.0	3.0
Dynamic Shear, Test Temp. at 10 rad/s, °C Minimum G [*] /sin(delta), kPa	T315	64 1.00	64 1.00	70 1.00
RTFO Test ^e , Mass Loss, Maximum, %	T240	1.00	1.00	1.00
RTFO Test Aged Binder				
Dynamic Shear, Test Temp. at 10 rad/s, °C Minimum G [*] /sin(delta), kPa	T315	64 2.20	64 2.20	70 2.20
Ductility at 25 °C Minimum, cm	T51	75	75	75
PAV ^f Aging, Temperature, °C	R28	100	100	110
RTFO Test and PAV Aged Binder				
Dynamic Shear, Test Temp. at 10 rad/s, °C Maximum G [*] /sin(delta), kPa	T315	31 ^d 5000	28 ^d 5000	34 ^d 5000
Creep Stiffness, Test Temperature, °C Maximum S-value, Mpa Minimum M-value	T313	0 300 0.300	-6 300 0.300	0 300 0.300

Notes:

- a. Not used.
- b. The Engineer will waive this specification if the supplier is a Quality Supplier as defined by Department's "Certification Program for Suppliers of Asphalt".
- c. The Engineer will waive this specification if the supplier certifies the asphalt binder can be adequately pumped and mixed at temperatures meeting applicable safety standards.
- d. Test the sample at 3 °C higher if it fails at the specified test temperature. G^{*}/sin(delta) shall remain 5000 kPa maximum.
- e. "RTFO Test" means the asphaltic residue obtained using the Rolling Thin Film Oven Test, AASHTO Test Method T240 or ASTM Designation: D2827.
- f. "PAV" means Pressurized Aging Vessel.

Sampling:

The Contractor shall provide a sampling device in the asphalt feed line connecting the plant storage tanks to the asphalt weighing system or spray bar. The sampling device shall be accessible between 24 and 30 inches above the platform. The Contractor shall provide a receptacle for flushing the sampling device.

The sampling device shall include a valve:

1. With a diameter between 1/2 and 3/4 inches;
2. Manufactured in a manner that a one-quart sample may be taken slowly at any time during plant operations;
3. Maintained in good condition.

Replace Failed Valves:

In the presence of the Engineer, the Contractor shall take 2 one-quart samples per operating day. The Contractor shall provide round friction top containers with one-quart capacity for storing samples.

Applying Asphalt:

Unless otherwise specified, the Contractor shall heat and apply asphalt in conformance with the provisions in Section 93, "Liquid Asphalts" of the Standard Specifications.

Section 39-2.01, "Asphalts" is replaced in its entirety with the followings:

Asphalt binder to be mixed with aggregate shall conform to the provisions in "Asphalts" of these Special Provisions.

The grade of asphalt binder shall be PG 70-10.

Liquid asphalt for prime coat shall conform to the provisions in Section 93, "Liquid Asphalts" of the Standard Specifications and shall be SC-70 unless otherwise designated by the contract item or otherwise specified in the Special Provisions.

Asphaltic emulsion for paint binder (tack coat) shall conform to the provisions in Section 94, "Asphaltic Emulsion" of the Standard Specifications for the rapid-setting or slow-setting type and grade approved by the Engineer.

Section 39-3.01B (1) shall be amended to include:

Aggregate of the 3/4 inch or 1/2 inch maximum size and aggregate for asphalt concrete base shall be separated into 3 or more sizes and each size shall be stored in separate bins. If 3 sizes are used, one bin shall contain that portion of the material which will pass the maximum size specified and be retained on a 3/8 inch sieve; one bin shall contain that portion of the material which will pass a 3/8 inch sieve and be retained on a No. 8 sieve; and one bin shall contain that portion of the material which will pass a No. 8 sieve.

Aggregate of 3/8 inch maximum size shall be separated into 2 sizes and each size shall be stored in separate bins. One bin shall contain that portion of the material which will pass the maximum size specified and be retained on a No. 8 sieve and one bin shall contain that portion of the material which will pass a No. 8 sieve.

The bin containing the fine material shall not contain more than 15 percent of material retained on the No. 8 sieve. The material in any of the other bins shall not contain more than 15 percent of material passing a No. 8 sieve. Failure to comply with this requirement shall be corrected immediately, and the material in the bins not meeting these requirements shall be re-screened or wasted.

All asphalt concrete for this project shall be supplied from one source unless approved by the Engineer. Said source shall be listed on the Contractors Source of Materials List as required in Section 6 of the Standard Specifications.

Asphaltic emulsion shall be furnished and applied as provided in Section 39-4.02.

In addition to the provisions in Section 39-5.01, "Spreading Equipment" of the Standard Specifications, asphalt paving equipment shall be equipped with automatic screed controls and a sensing device or devices.

When placing asphalt concrete to the lines and grades established by the Engineer, the automatic controls shall control the longitudinal grade and transverse slope of the screed. Grade and slope references shall be furnished, installed, and maintained by the Contractor. Should the Contractor elect to use a ski device, the minimum length of the ski device shall be 30 feet. The ski device shall be a rigid one piece unit and the entire length shall be utilized in activating the sensor.

When placing the initial mat of asphalt concrete on existing pavement, the end of the screed nearest the centerline shall be controlled by a sensor activated by a ski device not less than 30 feet. The end of the screed farthest from centerline shall be controlled by an automatic transverse slope device set to reproduce the cross slope designated by the Engineer, by a sensor activated by a similar ski device or as directed by the Engineer.

When paving contiguously with previously placed mats, the end of the screed adjacent to the previously placed mat shall be controlled by a sensor that responds to the grade of the previously placed mat and will reproduce the grade in the new mat within a 0.12 inch tolerance. The end of the screed farthest from the previously placed mat shall be controlled in the same way it was controlled when placing the initial mat.

Should the methods and equipment furnished by the Contractor fail to produce a layer of asphalt concrete conforming to the provisions, including straightedge tolerance, of Section 39-6.03, "Compacting" of the Standard Specifications or elsewhere in these Special Provisions, the paving operations shall be discontinued and the Contractor shall modify the equipment or methods, or furnish substitute equipment.

Should the automatic screed controls fail to operate properly during a day's work, the Contractor may manually control the spreading equipment for the remainder of that day. However, the equipment shall be corrected or replaced with alternative automatically controlled equipment conforming to the provisions in this section before starting another day's work.

General Criteria For Profiling:

In addition to the straightedge provisions in Section 39-6.03, "Compacting" of the Standard Specifications, asphalt concrete pavement shall conform to the surface tolerances specified herein.

The uppermost layer of asphalt concrete surfacing shall be profiled in the presence of the Engineer using a California Profilograph or equivalent in conformance with California Test 526 and as specified in these Special Provisions.

The California Profilograph or equivalent will not be required for the following areas of the pavement surface but shall conform to the straightedge requirements in Section 39-6.03, "Compacting" of the Standard Specifications:

1. Pavement with a total thickness less than 0.24 foot;
2. Pavement on horizontal curves with a centerline curve radius of less than 1,000 feet and the pavement within the superelevation transition on those curves;
3. Pavement placed in a single lift when required by the Special Provisions;
4. Pavement with extensive grade or cross slope correction which does not receive advance leveling operations in conformance with the provisions in Section 39-6.02, "Spreading" of the Standard Specifications;
5. Pavement for ramps and connectors with steep grades and high rates of superelevation, as determined by the Engineer;
6. Shoulders and miscellaneous areas.

The Contractor shall conform to California Test 526, except a zero (null) blanking band shall be used for determining the Profile Index. Prior to beginning profiles, the profilograph shall be calibrated in the presence of the Engineer. Two profiles shall be obtained within each traffic lane, 3 feet from and parallel with the edges of the lane.

Pavements profiled shall conform to the following Profile Index requirements:

1. Pavement on tangent alignment and pavement on horizontal curves having a centerline curve radius of 2,000 feet or more shall have a Profile Index of 0.16 foot or less for each 330 feet section profiled;
2. Pavement on horizontal curves having a centerline curve radius of 1,000 feet or more but less than 2,000 feet, including the pavement within the superelevation transition of these curves, shall have a Profile Index of 0.32 foot or less for each 330 feet section profile;
3. Pavement within any 330 feet section, containing high point areas with deviations in excess of 0.025 foot in a length of 25 feet or less, when tested in conformance with the requirements in California Test 526, shall be corrected by the Contractor regardless of the Profile Index.

The Contractor shall complete initial runs of the profilograph prior to opening the pavement to public traffic. If initial profiles cannot be made prior to opening the pavement to public traffic, the initial runs of the profilograph shall be made the next day that traffic control is permitted for the area to be profiled.

Areas of the top surface of the uppermost layer of asphalt concrete pavement that do not meet the specified surface tolerances shall be brought within tolerance by abrasive grinding.

Abrasive grinding shall be performed to reduce individual deviations in excess of 0.025 foot, and to reduce the Profile Index of the pavement to be within the specified tolerance. Areas which have been subjected to abrasive grinding shall receive a seal coat. Deviations in excess of 0.025 foot which cannot be brought into specified tolerance by abrasive grinding shall be corrected by either (1) removal and replacement or (2) placing an overlay of asphalt concrete. The corrective method for each area shall be selected by the Contractor and shall be approved by the Engineer prior to beginning the corrective work. Replacement or overlay pavement not meeting the specified tolerances shall be corrected by the methods specified above. Corrective work shall be at the Contractor's expense. The Contractor shall run profilograms on the areas that have received abrasive grinding or corrective work until the final profilograms indicate the Profile Index of the area is within the specified tolerance.

When abrasive grinding is used to bring the top surface of the uppermost layer of asphalt concrete surfacing within the specified surface tolerances, additional abrasive grinding shall be performed as necessary to extend the area ground in each lateral direction so that the lateral limits of grinding are at a constant offset from, and parallel with, the nearest lane line or pavement edge, and in each longitudinal direction so that the grinding begins and ends at lines normal to the pavement centerline, within a ground area. Ground areas shall be neat rectangular areas of uniform surface appearance.

The original of the final profilograms that indicate the pavement surface is within the Profile Index specified shall become the property of the City and shall be delivered to the Engineer prior to acceptance of the contract.

Method of Payment

The contract bid price paid per ton for Hot mix Asphalt shall include full compensation for furnishing all labor, tools, materials, equipment, and incidentals, and for doing all the work involved including the furnishing and applying asphaltic emulsion (paint binder).

Asphaltic emulsion (fog seal coat) will be paid for at the contract price per ton for asphaltic emulsion (fog seal coat), for whatever items are provided and involved. The price shall include preparation for asphaltic emulsion (fog seal coat) and furnishing and applying asphaltic emulsion (fog seal coat).

At road connections and at limits of asphalt paving, existing pavement shall be header cut as shown on the plans or as directed by the Engineer. Full compensation for furnishing all labor, tools and doing all the work necessary including grinding, and sawcutting shall be considered as included in the contract prices paid per ton for the various asphalt concrete items and no additional compensation will be allowed therefor.

MODIFICATIONS / CLARIFICATIONS TO THE PLANS

Item #23: Plan Sheet 11 of 16, Road Book page 187-B.

- Refer to Plan sheets set 1-16. Plan Sheet 11 of 16 (Road Book page No. 187-B) is deleted from the plan set.

Item #24: Plan Sheet Revisions.

- Refer to Plan sheets set 1-16. The following sheets have been revised and issued as Attachment "B".

See **Attachment "B"**.

- Sheet 2 of 16
- Sheet 3 of 16
- Sheet 4 of 16
- Sheet 16 of 16

Item #25: New Plan Sheet.

The following new plan sheet is being added to the plan set and made part thereof.

- Signing/Striping plans for Brookside Avenue (Sheet 8A of 19).

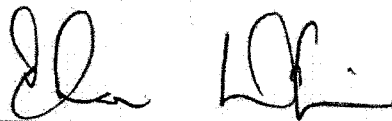
See **Attachment "C"**.

Note: Revised plan sheet(s) is (are) posted on the County website and available for download during the advertisement period.

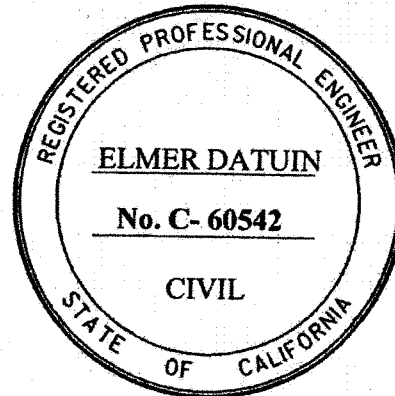
<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

This addendum has been prepared under the direction of the following registered Civil Engineer(s):

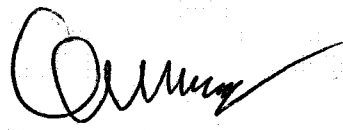
Recommended by:



Elmer Datuin, PE
County Project Manager



Concurrence:



1/4/18

Khalid Nasim, PE
Engineering Division Manager

Acknowledged: _____ **Date:** _____
(Contractor)

JRJ:jrj:sb

Note: Refer to Instruction to Bidders Item No. 8, "Addenda". Submission of all addendum pages and non-bidding document attachments of addendum are not necessary for Bid submittal. Submittal of this acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received on the first page of the Bid form (Proposal).

ATTACHMENTS

A – Revised Proposal

B – Revised Plan Sheets

C – New Plan Sheet (Sheet 8A of 19 - Brookside Ave)

**SLURRY SEAL PROJECT
FOR FISCAL YEAR 2017/2018 PART 2
DISTRICT 4, PROJECT No. C8-0009
DISTRICT 5, PROJECT No. C8-0010**

PROPOSAL (REVISED)**BASE BID**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
1	414111	ROUT AND SEAL RANDOM CRACKS	LS	1		
2	150716	REMOVE PAINTED TRAFFIC STRIPE AND PAVEMENT MARKING , PAVEMENT MARKERS	LS	1		
3	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	4		
4	013702	ASPHALT REJUVENATING EMULSION (SCRUB SEAL)	TON	320		
5	377501	SLURRY SEAL TYPE 1	ELT	1,740		
6	377501	SLURRY SEAL TYPE 2	ELT	1,130		
7	375001	SCREENINGS	SQYD	284,000		
8	380000	MICROSURFACING2	TON	2,320		
9	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	127,383		
10	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	159,660		
11	850102	PAVEMENT MARKER (REFLECTIVE)	EA	1,535		
12	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	200,000.00	200,000.00

BASE BID
SUBTOTAL:
ITEMS 1-12

_____ \$ _____
"WORDS"

ALTERNATE BID SCHEDULE 1 (CONCRETE CURB RAMPS AND ASSOCIATED WORK)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
13	150769	REMOVE ASPHALT CONCRETE	SQYD	75		
14	390130	HOT MIX ASPHALT	TON	28		
15	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	67		
16	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	17		
17	731504	MINOR CONCRETE (CURB AND GUTTER)	LF	80		
18	731517	MINOR CONCRETE (GUTTER)	SQFT	80		
18A	731656	CURB RAMP DETECTABLE WARNING SURFACE	EA	12		

ALT. BID 1
SUBTOTAL:
ITEM 13-18A

_____ \$ _____
"WORDS"

ATTACHMENT "A" TO ADDENDUM 2

ALTERNATE BID SCHEDULE 2 (CITY OF BEAUMONT)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
19	414111	ROUT AND SEAL RANDOM CRACKS	LS	1		
20	150716	REMOVE PAINTED TRAFFIC STRIPE AND PAVEMENT MARKING	LS	1		
21	377501	SLURRY SEAL TYPE 2	TON	150		
22	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	400		
23	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	6,350		
24	850102	PAVEMENT MARKER (REFLECTIVE)	EA	100		
25	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	5		
26	731517	MINOR CONCRETE (GUTTER)	SQFT	80		
27	150769	REMOVE ASPHALT CONCRETE	SQYD	32		
28	390130	HOT MIX ASPHALT	TON	11		
29	017302	MINOR CONCRETE (CROSS-GUTTER) (CRS 209)	SQFT	60		
30	731656	CURB RAMP DETECTABLE WARNING SURFACE	EA	4		

ALT. BID 2
SUBTOTAL:

ITEM 19-30

_____ \$

"WORDS"

PROJECT TOTAL:

ITEMS 1-30

_____ \$

"WORDS"