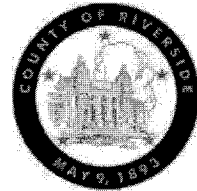


SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA



ITEM
3.36
(ID # 9604)

MEETING DATE:

Tuesday, April 30, 2019

FROM : TLMA-TRANSPORTATION:

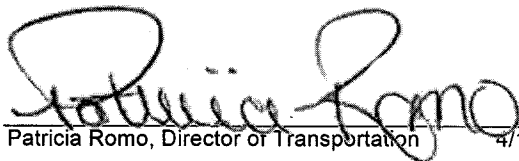
SUBJECT: TLMA - TRANSPORTATION DEPARTMENT: Approve Addenda to Plans and Specifications, Accept the Low Bid and Award the Contract for the Construction of North Indian Canyon Drive Widening Project Phase 1, in the Cities of Palm Springs and Desert Hot Springs; and the Gilman Springs Road Resurfacing Project from Virginia Street to State Highway 79, Gilman Hot Springs Area. CEQA Exempt, 4th District and 5th District. [\$5,626,138 Total Cost - Local Funds 100%]

RECOMMENDED MOTION: That the Board of Supervisors:

1. Find that the Gilman Springs Road Resurfacing Project, Virginia Street to State Route 79, Gilman Hot Springs Area is categorically exempt from CEQA pursuant to State CEQA Guidelines Section 15301 (c) Existing Facilities;
2. Direct the Clerk of the Board to file the Notice of Exemption for the Gilman Springs Road Resurfacing Project, Virginia Street to State Route 79, Gilman Hot Springs Area Project with the County Clerk for posting within five working days;
3. Approve four addenda to the plans and specifications issued prior to the March 13, 2019, bid opening;

Continued on page 2

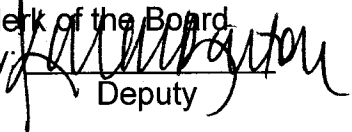
ACTION:Policy


Patricia Romo, Director of Transportation 4/16/2019

MINUTES OF THE BOARD OF SUPERVISORS

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

Ayes: Jeffries, Spiegel, Washington and Perez
Nays: None
Absent: Hewitt
Date: April 30, 2019
xc: Transp., Recorder

Kecia Harper
Clerk of the Board
By: 
Deputy

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

RECOMMENDED MOTION: That the Board of Supervisors:

4. Accept the low bid of Granite Construction Company of Indio, California (Granite) in the amount of \$5,626,138;
5. Award the contract to Granite and authorize the Chairman of the Board to execute the contract documents; and
6. Approve the projects proposed budgets as shown on Attachment A.

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$ 1,000,000	\$ 4,626,138	\$ 5,626,138	\$ 0
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0
SOURCE OF FUNDS: Transportation Uniform Mitigation Fee (CVAG) (16.4%), Gas Tax/HUTA (37.2%), Gas Tax/SB1 (46.2%), Mission Springs Water District (0.2%). There are no General Funds used in this project.			Budget Adjustment: No	
			For Fiscal Year: 18/19-19/20	

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

By Minute Order dated January 15, 2019 (Agenda Item 3.7), the County of Riverside Board of Supervisors approved the construction of the North Indian Canyon Drive Widening Project Phase 1 from 20th Avenue to 18th Avenue in the City of Palm Springs, City of Desert Hot Springs and unincorporated area of the County of Riverside. North Indian Canyon Drive is currently a two lane road that ranges from 40-86 feet wide with curb/gutter and sidewalk along various segments of the roadway and is classified as an Arterial Highway in the County of Riverside General Plan and is a major north-south roadway that provides connectivity to Interstate 10 and State Route 62 in the cities and communities near Palm Springs and Desert Hot Springs.

The Transportation Department has divided the construction of the North Indian Canyon Drive Widening Project in two phases:

Phase 1 - Roadway widening from 2 lanes to 4 lanes from 20th avenue to 18th Avenue.

Phase 2 - Roadway widening from 2 lanes to 4 lanes from 18th avenue to Dillon Road and addition of traffic signal at Dillon Road. Construction is expected in late 2019.

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

Phase 1 work includes roadway widening between 8 and 20 feet on either side of the road, expanding North Indian Canyon Drive from one lane in each direction to two lanes in each direction between 20th Avenue and 18th Avenue. Roadway rehabilitation will include reconstruction of approximately 900 feet of roadway in the existing northbound lane. Additional improvements include construction of concrete curb and gutter, placement of shoulder backing, utility adjustments, striping of roadway including pavement markers and reflectors, and salvage/removal and installation of new road signs.

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.

Addendum 1 was issued to extend the bid receipt date and Addendum 2 was issued to add Gilman Springs Road Resurfacing Project. Addenda 3 and 4 were issued to clarify and modify the approved contract documents. The addenda are attached and designated as Addendum No. 1, Addendum No. 2, Addendum No. 3, and Addendum No. 4.

The Gilman Springs Road Resurfacing project was added as an Addendum to the North Indian Canyon Road Widening Project in anticipation of the Riverside County Transportation Commission's (RCTC) State Route 60 Truck Lane Widening Project. The Gilman Springs Resurfacing Project includes pavement rehabilitation of approximately 9 miles of Gilman Springs Road between Virginia Street and State Route 79 in the Gilman Hot Springs Area. The rehabilitation work includes resurfacing approximately 6 miles of roadway and applying a slurry seal (microsurfacing) to approximately 3 miles of roadway along with various other safety treatments within the project limits.

The contract includes following bid schedules of work:

Base Bid Schedule: North Indian Canyon Drive Widening Project
Alternate Bid Schedule 1: Coachillin Development – Frontage road widening
Alternate Bid Schedule 2: Mission Springs Water District (MSWD) - Facilities Adjustments
Alternate Bid Schedule 3*: Not Selected for Award (Gilman Springs Road work with full Closure)
Alternate Bid Schedule 4*: Gilman Springs Road Resurfacing Project, Night Work
Alternate Bid Schedule 5: Gilman Springs Road Microsurfacing

* Alternative Bid 3 and 4 provided 2 options for resurfacing the same limits of Gilman Springs Road. During the bidding period, the contractors were made aware that only one of these Alternatives would be selected.

The MSWD has accepted the bid prices proposed by Granite for their respective alternate bid schedule 2, and the cost for the work will be reimbursed by MSWD through a reimbursement agreement. The Director of Transportation has the authority to sign reimbursement agreements up to \$50,000 per Minute Order dated February 28, 2006 (Agenda Item 3.52).

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

The contractor, Granite Construction Company 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 documents.

Project No.: C6-0089 – North Indian Canyon Drive Widening Project
C9-0059– Gilman Springs Road Project

Environmental findings: North Indian Canyon Drive Widening Project

The Board of Supervisors found that the North Indian Canyon Drive Widening project was categorically exempt from CEQA and directed the Clerk of the Board to file the Notice of Exemption by Minute Order dated January 15, 2019 (Agenda Item 3.7),

Environmental findings: Gilman Springs Road Resurfacing Project

The project proposes to rehabilitate Gilman Springs Road from State Route 79 to Virginia Street by resurfacing approximately 9 miles of the roadway. The proposed project is exempt from CEQA under Section 15301 (c) because the resurfacing of the road and additional safety improvements do not create additional automobiles lanes and involve negligible or no expansion of existing or former use of the existing roadway and associated facilities.

Impact on Residents and Businesses

The proposed widening of North Indian Canyon Drive will greatly improve traffic conditions, reduce delay, and accommodate future growth in the region.

The proposed resurfacing of Gilman Springs Road will provide the public with a smooth paved roadway that will improve the safety and efficiency of vehicular traffic. These improvements will facilitate detour traffic in anticipation of State Route 60 Truck lane widening project administered by RCTC.

The work is scheduled to begin in spring of 2019. The North Indian Canyon work will be phased to keep the road open during construction as much as possible and will take approximately two months to complete. The Gilman Springs Road resurfacing work will be done at night between the hours of 8:00 pm to 5:00 am and will take approximately 35 calendar days to complete.

SUPPLEMENTAL:

Additional Fiscal Information

The County of Riverside Transportation Department recommends the contract to be awarded to Granite for the total amount of \$5,626,138, which includes one base bid schedule and four of the five alternate bid schedules.

Construction of North Indian Canyon Drive Widening project will be funded by Transportation Uniform Mitigation Fee (CVAG), and MSWD; and Gilman Springs Road Resurfacing project will be funded by Gas Tax /HUTA and Gas Tax/SB1. There are no General Funds used in these projects.

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

The County of Riverside entered into an agreement with the Coachella Valley Association of Governments (CVAG) and the City of Palm Springs on February 27, 2018, under agenda item 3.59, whereby the terms and conditions of CVAG's funding participation was established for this project.

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

Contract History and Price Reasonableness

A total of five bids were received ranging from \$9,711,179 to \$10,901,140 for all base bid and alternative bid schedules. Contractors were made aware during the advertisement period that either Alternative 3 or Alternative 4 would be selected. The basis for the selection of a contractor is the lowest responsive and responsible bid for all bid schedules. All received bids were responsive to the bidding requirements set forth for the project. The lowest responsive and responsible bid was submitted by Granite in the amount of \$9,711,179 which is \$1,083,896 (10%) below the engineer's cost estimate. Since the Transportation Department did not select Alternate bid Schedule 3, the bid total changed to \$5,626,138 which is \$841,796 (13%) below the engineer's cost estimate.

ATTACHMENTS:

Vicinity Maps
Attachment A
Summary of Bids
Addendum No. 1 through 4
Contract, Bonds and Insurance
Contractor's Bid Proposal
Notice of Exemption with Journal Voucher



Gregory B. Priamos, Director County Counsel 4/17/2019

Riverside County Contract No. 19-04-004

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 Granite Construction Company, hereafter called "Contractor".

WITNESSETH

Recitals:

1. Contractor has submitted to County his Contractor's Proposal for the construction of County Project, North Indian Canyon Drive, Widening Project Phase 1, 20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs, Project No. C6-0089; and Gilman Springs Road Resurfacing Project, Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area Project No. C9-0059, 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 **2015** 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 through 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 8-1.04, "Start of Job Site Activities", Section 8-1.05, "Time", and in Section 8-1.10 "Liquidated Damages" of the Standard Specifications and these Special Provisions.

Standard Specification Section 8-1.04B, "Standard Start" 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.

**North Indian Canyon Drive, Widening Project Phase 1
20th Avenue to 18th Avenue
Cities of Palm Springs and Desert Hot Springs
Project No. C6-0089; and**

**Gilman Springs Road Resurfacing Project
Moreno Valley City Limit to State Highway 79
Gilman Hot Springs Area
Project No. C9-0059**

Contract

ITEM No.	ITEM CODE	ITEM	Like Bid Items	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BID SCHEDULE: North Indian Canyon Drive, Widening Project							
1	100100	DEVELOP WATER SUPPLY		LS	1	37,000.90	37,000.90
2	120100	TRAFFIC CONTROL SYSTEM		LS	1	80,000.00	80,000.00
3	130200	PREPARE WATER POLLUTION CONTROL PROGRAM		LS	1	5,000.00	5,000.00
4	170103	CLEARING AND GRUBBING		LS	1	10,000.00	10,000.00
5	066012	DUST ABATEMENT		LS	1	25,000.00	25,000.00
6	190101	ROADWAY EXCAVATION	Like 1	CY	2,410	39.00	93,990.00
7	190185	SHOULDER BACKING	Like 2	LF	3,110	2.00	6,220.00
8	260203	CLASS 2 AGGREGATE BASE	Like 3	CY	1,301	45.00	58,545.00
9	390132	HOT MIX ASPHALT (TYPE A)	Like 4	TON	2,430	100.00	243,000.00
10	017304	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)		LF	470	60.00	28,200.00
11	810230	PAVEMENT MARKER (RETROREFLECTIVE)	Like 5	EA	510	6.00	3,060.00
12	820410	SALVAGE ROADSIDE SIGN		EA	3	192.00	576.00
13	820840	ROADSIDE SIGN - ONE POST	Like 6	EA	4	550.00	2,200.00
14	820850	ROADSIDE SIGN - TWO POST		EA	5	750.00	3,750.00
15	840501	THERMOPLASTIC TRAFFIC STRIPE	Like 7	LF	12,700	0.74	9,398.00
16	840515	THERMOPLASTIC PAVEMENT MARKING	Like 8	SQFT	380	7.50	2,850.00
17	846020	REMOVE PAINTED TRAFFIC STRIPE	Like 9	LF	6,190	1.10	6,809.00
18	846035	REMOVE THERMOPLASTIC PAVEMENT MARKING		SQFT	710	1.50	1,065.00
19	010602	MISCELLANEOUS WORK (AS DIRECTED)		FA	1	60,000.00	60,000.00

BASE BID SCHEDULE: Six hundred seventy six thousand, six hundred sixty three dollars and ninety cents **\$ 676,663.90**
ITEMS 1- 19 "WORDS"

Contract (Continued)

ITEM No.	ITEM CODE	ITEM	Like Bid Items	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTERNATIVE BID SCHEDULE 1: Coachilling Development							
20	190101	ROADWAY EXCAVATION	Like 1	CY	1,380	39.00	53,820.00
21	190185	SHOULDER BACKING	Like 2	LF	2,640	2.00	5,280.00
22	260203	CLASS 2 AGGREGATE BASE	Like 3	CY	745	45.00	33,525.00
23	390132	HOT MIX ASPHALT (TYPE A)	Like 4	TON	1,390	100.00	139,000.00
24	810230	PAVEMENT MARKER (RETROREFLECTIVE)	Like 5	EA	180	6.00	1,080.00
25	820840	ROADSIDE SIGN - ONE POST	Like 6	EA	3	550.00	1,650.00
26	840501	THERMOPLASTIC TRAFFIC STRIPE	Like 7	LF	5,890	0.74	4,358.60
27	840515	THERMOPLASTIC PAVEMENT MARKING	Like 8	SQFT	130	7.50	975.00
28	846020	REMOVE PAINTED TRAFFIC STRIPE	Like 9	LF	3,660	1.10	4,026.00

ALT. BID SCHEDULE 1: Two hundred forty three thousand, seven hundred fourteen dollars and sixty cents **\$ 243,714.60**
 ITEMS 20-28 "WORDS"

ITEM No.	ITEM CODE	ITEM	Like Bid Items	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTERNATIVE BID SCHEDULE 2: Mission Springs Water District Facilities Adjustments							
29	000003	ADJUST WATER VALVE WITH CONCRETE COLLAR	-----	EA	6	1,400.00	8,400.00
30	202027	RELOCATE WATER METER (MSWD)	-----	EA	2	2,500.00	5,000.00

ALT. BID SCHEDULE 2: Two hundred forty three thousand, seven hundred fourteen dollars and sixty cents **\$ 243,714.60**
 ITEMS 29-30 "WORDS"

ITEM No.	ITEM CODE	ITEM	Like Bid Items	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTERNATIVE BID SCHEDULE 3 – Gilman Springs Road Resurfacing Project, Full Road Closure							
31	066102	DUST ABATEMENT	-----	LS	1	0.00	0.00
32	100100	DEVELOP WATER SUPPLY	-----	LS	1	0.00	0.00
33	120100	TRAFFIC CONTROL SYSTEM	-----	LS	1	0.00	0.00
34	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	-----	LS	1	0.00	0.00
35	170103	CLEARING AND GRUBBING (LS)	-----	LS	1	0.00	0.00
36	190101	ROADWAY EXCAVATION	-----	CY	1,010	0.00	0.00

Contract (Continued)

ITEM No.	ITEM CODE	ITEM	Like Bid Items	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTERNATIVE BID SCHEDULE 3 – Gilman Springs Road Resurfacing Project, Full Road Closure (Continued)							
37	190185	SHOULDER BACKING	-----	LF	38,720	0.00	0.00
38	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	-----	TON	17,700	0.00	0.00
39	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	-----	EA	45	0.00	0.00
40	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6") AND [TYPE C AND E]	-----	LF	24,175	0.00	0.00
41	390132	HOT MIX ASPHALT (TYPE A) [3/4" MIX]	-----	TON	3,310	0.00	0.00
42	390132	HOT MIX ASPHALT (TYPE A) [1" MIX]	-----	TON	1,470	0.00	0.00
43	390135	HOT MIX ASPHALT (LEVELING)	-----	TON	10,280	0.00	0.00
44	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	-----	SQYD	2,700	0.00	0.00
45	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.50' DEEP]	-----	SQYD	7,030	0.00	0.00
46	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.27' DEEP]	-----	SQYD	1,190	0.00	0.00
47	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.17' DEEP]	-----	SQYD	1,860	0.00	0.00
48	690110	12" CORRUGATED STEEL PIPE DOWNDRAIN	-----	EA	9	0.00	0.00
49	810230	PAVEMENT MARKER (RETROREFLECTIVE)	-----	EA	115,000	0.00	0.00
50	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	-----	LF	2,280	0.00	0.00
51	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	-----	EA	18	0.00	0.00
52	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	-----	EA	6	0.00	0.00
53	839752	REMOVE GUARDRAIL	-----	LF	3,370	0.00	0.00
54	840515	THERMOPLASTIC PAVEMENT MARKING	-----	SQFT	700	0.00	0.00
55	840656	PAINT TRAFFIC STRIPE (2-COAT)	-----	LF	136,000	0.00	0.00
56	846051	12" RUMBLE STRIP (ASPHALT CONCRETE PAVEMENT)	-----	LF	34,000	0.00	0.00
57	010602	MISCELLANEOUS WORK (AS DIRECTED)	-----	FA	1	0.00	0.00

ALT. BID
SCHEDULE 3:
ITEMS 31-57

NOT SELECTED FOR AWARD

\$ 0.00

"WORDS"

Contract (Continued)

ITEM No.	ITEM CODE	ITEM	Like Bid Items	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTERNATIVE BID SCHEDULE 4 – Gilman Springs Road Resurfacing Project, Night Work							
58	066102	DUST ABATEMENT	-----	LS	1	7,137.00	7,137.00
59	100100	DEVELOP WATER SUPPLY	-----	LS	1	20,000.00	20,000.00
60	120100	TRAFFIC CONTROL SYSTEM	-----	LS	1	300,000.00	300,000.00
61	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	-----	LS	1	10,000.00	10,000.00
62	170103	CLEARING AND GRUBBING (LS)	-----	LS	1	15,000.00	15,000.00
63	190101	ROADWAY EXCAVATION	-----	CY	1,010	50.00	50,500.00
64	190185	SHOULDER BACKING	-----	LF	38,720	0.65	25,168.00
65	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	-----	TON	17,700	100.00	1,770,000.00
66	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	-----	EA	45	365.00	16,425.00
67	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6") AND [TYPE C AND E]	-----	LF	24,175	1.50	36,262.50
68	390132	HOT MIX ASPHALT (TYPE A) [3/4" MIX]	-----	TON	3,310	81.00	268,110.00
69	390132	HOT MIX ASPHALT (TYPE A) [1" MIX]	-----	TON	1,470	81.00	119,070.00
70	390135	HOT MIX ASPHALT (LEVELING)	-----	TON	10,280	81.00	832,680.00
71	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	-----	SQYD	2,700	6.00	16,200.00
72	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.50' DEEP]	-----	SQYD	7,030	5.00	35,150.00
73	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.27' DEEP]	-----	SQYD	1,190	5.00	5,950.00
74	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.17' DEEP]	-----	SQYD	1,860	8.00	14,880.00
75	690110	12" CORRUGATED STEEL PIPE DOWNDRAIN	-----	EA	9	2,200.00	19,800.00
76	810230	PAVEMENT MARKER (RETROREFLECTIVE)	-----	EA	115,000	3.55	408,250.00
77	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	-----	LF	2,280	5.00	11,400.00
78	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	-----	EA	18	1,000.00	18,000.00
79	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	-----	EA	6	1,000.00	6,000.00
80	839752	REMOVE GUARDRAIL	-----	LF	3,370	5.00	16,850.00
81	840515	THERMOPLASTIC PAVEMENT MARKING	-----	SQFT	700	7.58	5,306.00
82	840656	PAINT TRAFFIC STRIPE (2-COAT)	-----	LF	136,000	0.35	47,600.00

Contract (Continued)

ITEM No.	ITEM CODE	ITEM	Like Bid Items	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTERNATIVE BID SCHEDULE 4 – Gilman Springs Road Resurfacing Project, Night Work (Continued)							
83	846051	12" RUMBLE STRIP (ASPHALT CONCRETE PAVEMENT)	-----	LF	34,000	0.17	5,780.00
84	010602	MISCELLANEOUS WORK (AS DIRECTED)	-----	FA	1	395,000.00	395,000.00

ALT. BID SCHEDULE 4: Four million, four hundred seventy six thousand, five hundred eighteen dollars and fifty cents **\$4,476,518.50**
 ITEMS 58-84 "WORDS"

ITEM No.	ITEM CODE	ITEM	Like Bid Items	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTERNATIVE BID SCHEDULE 5 – Gilman Springs Road, Micro-surfacing Treatment							
85	120100	TRAFFIC CONTROL SYSTEM	-----	LS	1	5,000.00	5,000.00
86	374207	CRACK TREATMENT	-----	LS	1	15,000.00	15,000.00
87	374002	ASPHALTIC EMULSION (FOG SEAL COAT)	-----	SQYD	27,550	0.33	9,091.50
88	378000	MICRO-SURFACING	-----	TON	480	235.00	112,800.00
89	810230	PAVEMENT MARKER (RETROREFLECTIVE)	-----	EA	5,400	4.25	22,950.00
90	840515	THERMOPLASTIC PAVEMENT MARKING	-----	SQFT	200	7.00	1,400.00
91	840656	PAINT TRAFFIC STRIPE (2-COAT)	-----	LF	64,000	0.40	25,600.00
92	010602	MISCELLANEOUS WORK (AS DIRECTED)	-----	FA	1	24,000.00	24,000.00

ALT. BID SCHEDULE 5: Two hundred fifteen thousand, eight hundred forty one dollars and fifty cents **\$ 215,841.50**
 ITEMS 85-92 "WORDS"

PROJECT TOTAL: Five million, six hundred twenty six thousand, one hundred thirty eight dollars and fifty cents **\$5,626,138.50**
 ITEMS 1- 92 "WORD"

North Indian Canyon Drive, Widening Project Phase 1
20th Avenue to 18th Avenue
Cities of Palm Springs and Desert Hot Springs
Project No. C6-0089; and

Gilman Springs Road Resurfacing Project
Moreno Valley City Limit to State Highway 79
Gilman Hot Springs Area
Project No. C9-0059

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

COUNTY OF RIVERSIDE

GRANITE CONSTRUCTION COMPANY

BY: [Signature]
KEVIN JEFFRIES
Chairman, Board of Supervisors

BY: [Signature]

DATED: APR 30 2019

TITLE: Jigisha Desai, Senior Vice President
(If Corporation, affix Seal)

ATTEST:

ATTEST:

Kecia Harper-~~Thorn~~, Clerk of the Board

[Signature]

BY: [Signature]
Deputy

TITLE: Kenneth B. Olson, Assistant Secretary

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

License No.: 89

FORM APPROVED COUNTY COUNSEL
BY: [Signature] / DATE
KRISTINE BELL-VALDEZ

Federal Employer Identification Number:
94-0519552

Department of Industrial Relations Registration Number:

1000000085

BY _____
"County"



GRANITE CONSTRUCTION COMPANY

CERTIFICATE OF SECRETARY

I, M. Craig Hall, Secretary of GRANITE CONSTRUCTION COMPANY, a California corporation (the "Company"), do hereby certify that the following is a true and correct copy of resolutions duly adopted and effective December 13, 2018 by a regular meeting of the Executive Committee of the Board of Directors in accordance with the provisions of Article III, Section 15 of the Bylaws of the Company; that the Directors acting were duly and regularly elected; and that the resolutions adopted have not been repealed and are still in full force and effect:

AUTHORIZATION TO EXECUTE DOCUMENTS AND AGREEMENTS

RESOLVED, that the below listed officers are authorized to execute and deliver on behalf of the Company all documents, agreements and undertakings required in connection with construction contract formation and operations of the Company:

James H. Roberts	President & Chief Executive Officer
Jigisha Desai	Senior Vice President, Chief Financial Officer & Assistant Secretary
Carlos F. Alegre	Senior Vice President of Operations Services & Assistant Secretary
Philip M. DeCocco	Senior Vice President of Human Resources & Assistant Secretary
M. Craig Hall	Senior Vice President, General Counsel, Corporate Compliance Officer & Secretary
Kyle T. Larkin	Senior Vice President, Group Manager & Assistant Secretary
Richard M. Rantala	Senior Vice President, Business Development & Assistant Secretary
James D. Richards	Senior Vice President, Group Manager & Assistant Secretary
Dale A. Swanberg	Senior Vice President, Group Manager & Assistant Secretary
Mathew C. Tyler	Senior Vice President, Federal Group Operations & Assistant Secretary
Richard A. Watts	Senior Vice President, Group Manager & Assistant Secretary
Michael W. Barker	Vice President, Controller, Assistant Financial Officer & Assistant Secretary
Kenneth B. Olson	Vice President, Treasurer, Assistant Financial Officer & Assistant Secretary
Nicholas B. Blackburn	Director of Corporate Taxation & Assistant Secretary

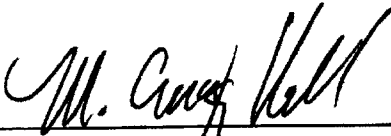
RESOLVED FURTHER, that the authority provided for herein shall be in accordance with applicable policies, procedures and limits of authority previously approved and the Granite Construction Incorporated Delegation of Authority and Policy then in effect.

AUTHORIZATION TO ATTEST DOCUMENTS AND AGREEMENTS

RESOLVED, that the below listed officers are authorized to attest documents, agreements and undertakings required in connection with construction contract formation and operations of the Company:

James H. Roberts	President & Chief Executive Officer
Jigisha Desai	Senior Vice President, Chief Financial Officer & Assistant Secretary
Carlos F. Alegre	Senior Vice President of Operations Services & Assistant Secretary
Philip M. DeCocco	Senior Vice President of Human Resources & Assistant Secretary
M. Craig Hall	Senior Vice President, General Counsel, Corporate Compliance Officer & Secretary
Kyle T. Larkin	Senior Vice President, Group Manager & Assistant Secretary
Richard M. Rantala	Senior Vice President, Business Development & Assistant Secretary
James D. Richards	Senior Vice President, Group Manager & Assistant Secretary
Dale A. Swanberg	Senior Vice President, Group Manager & Assistant Secretary
Mathew C. Tyler	Senior Vice President, Federal Group Operations & Assistant Secretary
Richard A. Watts	Senior Vice President, Group Manager & Assistant Secretary
Michael W. Barker	Vice President, Controller, Assistant Financial Officer & Assistant Secretary
Kenneth B. Olson	Vice President, Treasurer, Assistant Financial Officer & Assistant Secretary
Nicholas B. Blackburn	Director of Corporate Taxation & Assistant Secretary
Kenneth M. Smith	Group Counsel & Assistant Secretary
Jason M. Jasper	Group Counsel & Assistant Secretary

Dated: December 14, 2018



M. Craig Hall

Performance Bond

Recitals:

1. **Granite Construction Company** (Contractor) has entered into a Contract with COUNTY OF RIVERSIDE (County) for construction of public work known as **North Indian Canyon Drive, Widening Project Phase 1, 20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs, Project No. C6-0089; and Gilman Springs Road Resurfacing Project, Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area Project No. C9-0059.**

2. _____, a _____ 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 **\$5,626,138.50 (Five million, six hundred twenty six thousand, one hundred thirty eight dollars and fifty 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 _____.

By _____

By _____

By _____

Type Name _____

Its Attorney in Fact
"Surety"

Title _____

"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).

Payment Bond

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

The makers of this Bond are Granite Construction Company, as Principal and Original Contractor and _____, 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 \$5,626,138.50 (Five million, six hundred twenty six thousand, one hundred thirty eight dollars and fifty 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 North Indian Canyon Drive, Widening Project Phase 1, 20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs, Project No. C6-0089; and Gilman Springs Road Resurfacing Project, Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area Project No. C9-0059.

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: _____

Original Contractor – Principal

Surety

By _____

By _____

Its Attorney In Fact

Title _____

(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).

Performance Bond

Recitals:

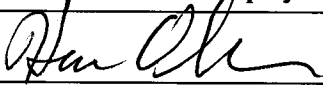
1. **Granite Construction Company** (Contractor) has entered into a Contract with COUNTY OF RIVERSIDE (County) for construction of public work known as **North Indian Canyon Drive, Widening Project Phase 1, 20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs, Project No. C6-0089; and Gilman Springs Road Resurfacing Project, Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area Project No. C9-0059.**
2. Travelers Casualty and Surety Company of America*, a Connecticut** corporation (Surety), is the Surety under this Bond.

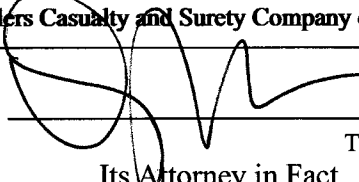
Agreement:

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 **\$5,626,138.50 (Five million, six hundred twenty six thousand, one hundred thirty eight dollars and fifty 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 March 29, 2019

Granite Construction Company
 By 
 Kenneth B. Olson

Travelers Casualty and Surety Company of America*
 By: 
 Tobi Stonich
 Its Attorney in Fact
 "Surety"

Title Vice President

"Contractor"

*Federal Insurance Company
 The Continental Insurance Company
 Jointly and Severally Liable
 **Indiana, Pennsylvania, respectively
 ***Whitehouse Station, NJ, Chicago, IL, respectively (Corporate Seal)

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



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.

ACKNOWLEDGMENT

State of California
County of Santa Cruz)

On March 29, 2019 before me, Mariella Flores, Notary Public
(insert name and title of the officer)

personally appeared Kenneth B. Olson and Tobi Stonich,
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 
Mariella Flores, Notary Public

(Seal)



Payment Bond

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

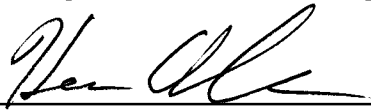
The makers of this Bond are **Granite Construction Company**, as Principal and Original Contractor and Travelers Casualty and Surety Company of America*, a corporation, authorized to issue Surety Bonds in California, as Surety, and this Bond is issued in conjunction with that certain public works contract to be executed between Principal and COUNTY OF RIVERSIDE a public entity, as Owner, for **\$5,626,138.50 (Five million, six hundred twenty six thousand, one hundred thirty eight dollars and fifty 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 **North Indian Canyon Drive, Widening Project Phase 1, 20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs, Project No. C6-0089; and Gilman Springs Road Resurfacing Project, Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area Project No. C9-0059.**

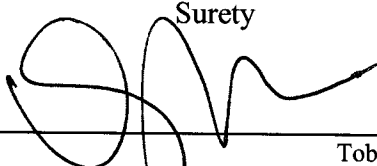
The beneficiaries of this Bond are as is stated in 9554 of the Civil Code and requirements and conditions of this Bond are as is set forth in 9554, 9558, 9560 and 9564 of said code. Without notice, Surety consents to extension of time for performance, change in requirements, amount of compensation, or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

Dated: March 29, 2019

Granite Construction Company
Original Contractor – Principal

Travelers Casualty and Surety Company of America*

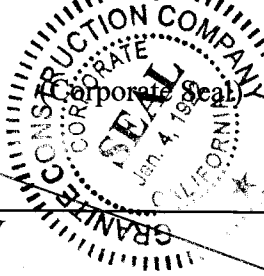
By 
Kenneth B. Olson

Surety
By 
Tobi Stonich

Title Vice President
(If corporation, affix seal)

Its Attorney in Fact

(Corporate Seal)



(Corporate Seal)

STATE OF _____
COUNTY OF _____
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).

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.

ACKNOWLEDGMENT

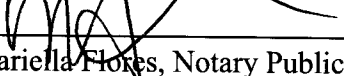
State of California
County of Santa Cruz)

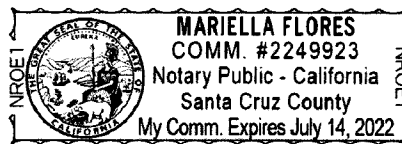
On March 29, 2019 before me, Mariella Flores, Notary Public
(insert name and title of the officer)

personally appeared Kenneth B. Olson and Tobi Stonich,
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  (Seal)
Mariella Flores, Notary Public





**Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company**

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Tobi Stonich** of **WATSONVILLE California**, their true and lawful Attorney-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this 3rd day of February, 2017.



State of Connecticut

City of Hartford ss.

By: *Robert L. Raney*
Robert L. Raney, Senior Vice President

On this the 3rd day of February, 2017, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, and that he, as being authorized so to do, executed 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 hereunto set my hand and official seal.

My Commission expires the 30th day of June, 2021



Marie C. Tetreault
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this 29th day of March, 2019



Kevin E. Hughes
Kevin E. Hughes, Assistant Secretary

**To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney-in-Fact and the details of the bond to which the power is attached.**

Power of Attorney

Federal Insurance Company | Vigilant Insurance Company | Pacific Indemnity Company

Know All by These Presents. That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint Isabel Barron, Jigisha Desai, John D. Gilliland, Kathleen Schreckengost, Ashley Stinson and Tobi Stonich of Watsonville, California

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business on behalf GRANITE CONSTRUCTION INCORPORATED and all Subsidiaries alone or in joint venture as principal, in connection with bids, proposals or contracts to or with the United States of America, any State or political subdivision thereof or any person, firm or corporation. And the execution of such bond or obligation by such Attorney-in-Fact in the Company's name and on its behalf as surety thereon or otherwise, under its corporate seal, in pursuance of the authority hereby conferred shall, upon delivery thereof, be valid and binding upon the Company.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this 1st day of November, 2018.

Dawn M. Chloros

Dawn M. Chloros, Assistant Secretary

Stephen M. Haney

Stephen M. Haney, Vice President



STATE OF NEW JERSEY

County of Hunterdon

ss.

On this 1st day of November, 2018 before me, a Notary Public of New Jersey, personally came Dawn M. Chloros, to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said Dawn M. Chloros, being by me duly sworn, did depose and say that she is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the said Companies; and that she signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that she is acquainted with Stephen M. Haney, and knows him to be Vice President of said Companies; and that the signature of Stephen M. Haney, subscribed to said Power of Attorney is in the genuine handwriting of Stephen M. Haney, and was thereto subscribed by authority of said Companies and in deponent's presence.

Notarial Seal



KATHERINE J. ADELAAR
NOTARY PUBLIC OF NEW JERSEY
No. 2318885
Commission Expires July 16, 2019

Signature of Katherine J. Adelaar

Notary Public

CERTIFICATION

Resolutions adopted by the Boards of Directors of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY on August 30, 2016:

"RESOLVED, that the following authorizations relate to the execution, for and on behalf of the Company, of bonds, undertakings, recognizances, contracts and other written commitments of the Company entered into in the ordinary course of business (each a "Written Commitment"):

- (1) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise.
(2) Each duly appointed attorney-in-fact of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise, to the extent that such action is authorized by the grant of powers provided for in such person's written appointment as such attorney-in-fact.
(3) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to appoint in writing any person the attorney-in-fact of the Company with full power and authority to execute, for and on behalf of the Company, under the seal of the Company or otherwise, such Written Commitments of the Company as may be specified in such written appointment, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.
(4) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to delegate in writing to any other officer of the Company the authority to execute, for and on behalf of the Company, under the Company's seal or otherwise, such Written Commitments of the Company as are specified in such written delegation, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.
(5) The signature of any officer or other person executing any Written Commitment or appointment or delegation pursuant to this Resolution, and the seal of the Company, may be affixed by facsimile on such Written Commitment or written appointment or delegation.

FURTHER RESOLVED, that the foregoing Resolution shall not be deemed to be an exclusive statement of the powers and authority of officers, employees and other persons to act for and on behalf of the Company, and such Resolution shall not limit or otherwise affect the exercise of any such power or authority otherwise validly granted or vested."

I, Dawn M. Chloros, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY (the "Companies") do hereby certify that

- (i) the foregoing Resolutions adopted by the Board of Directors of the Companies are true, correct and in full force and effect,
(ii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Whitehouse Station, NJ, this March 29, 2019



Dawn M. Chloros

Dawn M. Chloros, Assistant Secretary

IN THE EVENT YOU WISH TO VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT:

Telephone (908) 903-3493 Fax (963) 903-3656 e-mail: surety@chubb.com

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That The Continental Insurance Company, a Pennsylvania insurance company, is a duly organized and existing insurance company having its principal office in the City of Chicago, and State of Illinois, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

John D Gilliland, Jigisha Desai, Kathleen Schreckengost, Ashley Stinson, Tobi Stonich, Isabel Barron, Individually

of Watsonville, CA, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the insurance company and all the acts of said Attorney, pursuant to the authority hereby given is hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Board of Directors of the insurance company.

In Witness Whereof, The Continental Insurance Company has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 1st day of August, 2017.



The Continental Insurance Company

Paul T. Bruflat
Paul T. Bruflat Vice President

State of South Dakota, County of Minnehaha, ss:

On this 1st day of August, 2017, before me personally came Paul T. Bruflat to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of The Continental Insurance Company, a Pennsylvania insurance company, described in and which executed the above instrument; that he knows the seal of said insurance company; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said insurance company and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said insurance company.



My Commission Expires June 23, 2021

J. Mohr
J. Mohr Notary Public

CERTIFICATE

I, D. Johnson, Assistant Secretary of The Continental Insurance Company, a Pennsylvania insurance company, do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of the insurance company printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said insurance company this March 29, 2019



The Continental Insurance Company

D. Johnson
D. Johnson Assistant Secretary

Authorizing By-Laws and Resolutions

ADOPTED BY THE BOARD OF DIRECTORS OF THE CONTINENTAL INSURANCE COMPANY:

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the Board of Directors of the Company at a meeting held on May 10, 1995.

“RESOLVED: That any Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Group Vice President to the Secretary of the Company prior to such execution becoming effective.

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execution power of attorneys on behalf of The Continental Insurance Company.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012.

“Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the “Authorized Officers”) to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, “Electronic Signatures”), Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company.”



- 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

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA

**ONE TOWER SQUARE
HARTFORD, CT 06183**

Old Company Names

Effective Date

AETNA CASUALTY & SURETY COMPANY OF AMERICA 07/01/1997

Agent For Service

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

Reference Information

NAIC #:	31194
California Company ID #:	2444-8
Date Authorized in California:	07/31/1981
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	CONNECTICUT

back to top

NAIC Group List

NAIC Group #: 3548 Travelers 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.

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



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
04/01/2019

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 LIC #0C36861 Alliant Insurance Services, Inc. 100 Pine Street, 11th Floor San Francisco, CA 94111	1-415-403-1491	CONTACT NAME: Kimberly Leikam PHONE (A/C, No, Ext): 415-403-1491 E-MAIL ADDRESS: kleikam@alliant.com	FAX (A/C, No): 415-874-4818
INSURED Granite Construction Company 585 West Beach Street Watsonville, CA 95076		INSURER(S) AFFORDING COVERAGE	
		INSURER A: VALLEY FORGE INS CO	NAIC # 20508
		INSURER B: CONTINENTAL CAS CO	20443
		INSURER C: TRANSPORTATION INS CO	20494
		INSURER D:	
		INSURER E:	
		INSURER F:	

COVERAGES CERTIFICATE NUMBER: 55861923 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 <input checked="" type="checkbox"/> Contractual Liability <input checked="" type="checkbox"/> XCU Hazards GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC OTHER:	X	X	GL2074978689	10/01/18	10/01/21	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 2,000,000 MED EXP (Any one person) \$ Nil PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 10,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
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"/> Contractual	X	X	BUA2074978692	10/01/18	10/01/21	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			CUE2068209453	10/01/18	10/01/19	EACH OCCURRENCE \$ 8,000,000 AGGREGATE \$ 8,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						
A	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N					
C	If yes, describe under DESCRIPTION OF OPERATIONS below	N/A					
A							

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
2250 TBD County of Riverside, North Indian Canyon Drive, Widening Project, Ph 1 and Gillman Springs Road Resurfacing Project, Projects C6-0089 and C9-0059. County of Riverside, City of Desert Hot Springs, City of Palm Springs, Mission Springs Water District, City of Moreno Valley and California Dept of Transportation, their respective director, officers, Board of Supervisors, elected and appointed officials, employees, agents and representatives are included as additional insured but only with respect to work performed for County of Riverside, North Indian and Gillman Springs under this contract or permit.
GL Per ISO Form CG0001 10/01; AL Per ISO Form CA0001 10/13

CERTIFICATE HOLDER 2250 County of Riverside Transportation Department Contracts / Bidding Unit 3525 14th Street Riverside, CA 92501 USA	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
---	---

SUPPLEMENT TO CERTIFICATE OF INSURANCE

DATE
04/01/2019

NAME OF INSURED: Granite Construction Company



**BLANKET ADDITIONAL INSURED - OWNERS, LESSEES OR CONTRACTORS –
WITH PRODUCTS-COMPLETED OPERATIONS COVERAGE**

It is understood and agreed that this endorsement amends the **COMMERCIAL GENERAL LIABILITY COVERAGE PART** as follows:

SCHEDULE (OPTIONAL)

Name of Additional Insured Persons Or Organizations
(As required by "written contract" per Paragraph A. below.)

Locations of Covered Operations
(As per the "written contract," provided the location is within the "coverage territory" of this Coverage Part.)

A. Section II - Who Is An Insured is amended to include as an additional insured:

1. Any person or organization whom you are required by "written contract" to add as an additional insured on this Coverage Part; and
2. The particular person or organization, if any, scheduled above.

B. The insurance provided to the additional insured is limited as follows:

1. The person or organization is an additional insured only with respect to liability for "bodily injury," "property damage," or "personal and advertising injury" caused in whole or in part by:
 - a. Your acts or omissions, or the acts or omissions of those acting on your behalf, in the performance of your ongoing operations specified in the "written contract"; or
 - b. "Your work" that is specified in the "written contract" but only for "bodily injury" or "property damage" included in the "products-completed operations hazard," and only if:
 - (1) The "written contract" requires you to provide the additional insured such coverage; and
 - (2) This Coverage Part provides such coverage.
2. If the "written contract" specifically requires you to provide additional insurance coverage via the 10/01 edition of CG2010 (aka CG 20 10 10 01), or via the 10/01 edition of CG2037 (aka CG 20 37 10 01), or via the 11/85 edition of CG2010 (aka CG 20 10 11 85), then in paragraph B.1. above, the words 'caused in whole or in part by' are replaced by the words 'arising out of'.
3. We will not provide the additional insured any broader coverage or any higher limit of insurance than:
 - a. The maximum permitted by law;
 - b. That required by the "written contract";
 - c. That described in B.1. above; or
 - d. That afforded to you under this policy,
 whichever is less.

4. Notwithstanding anything to the contrary in Condition 4. Other Insurance (Section IV), this insurance is excess of all other insurance available to the additional insured whether on a primary, excess, contingent or



any other basis. But if required by the "written contract" to be primary and non-contributory, this insurance will be primary and non-contributory relative to insurance on which the additional insured is a Named Insured.

5. The insurance provided to the additional insured does not apply to "bodily injury," "property damage," or "personal and advertising injury" arising out of:
 - a. The rendering of, or the failure to render, any professional architectural, engineering, or surveying services, including:
 - (1) The preparing, approving, or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; and
 - (2) Supervisory, inspection, architectural or engineering activities; or
 - b. Any premises or work for which the additional insured is specifically listed as an additional insured on another endorsement attached to this Coverage Part.

C. SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS is amended as follows:

1. The Duties In The Event of Occurrence, Offense, Claim or Suit condition is amended to add the following additional conditions applicable to the additional insured:

An additional insured under this endorsement will as soon as practicable:

- (1) Give us written notice of an "occurrence" or an offense which may result in a claim or "suit" under this insurance, and of any claim or "suit" that does result;
- (2) Except as provided in Paragraph B.4. of this endorsement, agree to make available any other insurance the additional insured has for a loss we cover under this Coverage Part;
- (3) Send us copies of all legal papers received, and otherwise cooperate with us in the investigation, defense, or settlement of the claim or "suit"; and
- (4) Tender the defense and indemnity of any claim or "suit" to any other insurer or self insurer whose policy or program applies to a loss we cover under this Coverage Part. But if the "written contract" requires this insurance to be primary and non-contributory, this provision (4) does not apply to insurance on which the additional insured is a Named Insured.

We have no duty to defend or indemnify an additional insured under this endorsement until we receive from the additional insured written notice of a claim or "suit."

- D. Only for the purpose of the insurance provided by this endorsement, **SECTION V – DEFINITIONS** is amended to add the following definition:

"Written contract" means a written contract or written agreement that requires you to make a person or organization an additional insured on this Coverage Part, provided the contract or agreement:

1. Is currently in effect or becomes effective during the term of this policy; and
2. Was executed prior to:
 - a. The "bodily injury" or "property damage"; or
 - b. The offense that caused the "personal and advertising injury,"for which the additional insured seeks coverage under this Coverage Part.

All other terms and conditions of the Policy remain unchanged.

Material used with permission of ISO Properties, Inc.



Policy Number: GL2074978689
Effective: 10/01/2018

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.
**CHANGES – NOTICE OF CANCELLATION
OR MATERIAL COVERAGE CHANGE**

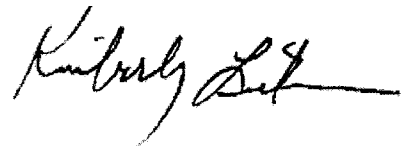
This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
LIQUOR LIABILITY COVERAGE PART
OWNERS AND CONTRACTORS PROTECTIVE LIABILITY COVERAGE PART
POLLUTION LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
RAILROAD PROTECTIVE LIABILITY COVERAGE PART

In the event of cancellation or material change that reduces or restricts the insurance afforded by this Coverage Part (other than the reduction of aggregate limits through payment of claims), we agree to mail prior written notice of cancellation or material change to:

SCHEDULE

1. Name: Any person or organization you are required by written contract or agreement to mail prior written notice of cancellation or material change.
2. Address: Per Certificates of Insurance on file with the broker.
3. Number of days advance notice:
For non-payment of premium, the greater of:
 - the number of days required by state statute or
 - the number of days required by written contractFor any other reason, the lesser of:
 - 60 days or
 - the number of days required in a written contract



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 Form

Under SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS, The Transfer Of Rights Of Recovery Against Others To Us Condition is amended by the addition of the following:

We waive any right of recovery we may have against any person or organization because of payments we make for injury or damage arising out of:

1. Your ongoing operations; or
2. "Your work" included in the "products completed operations hazard."

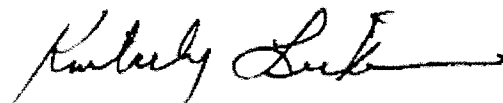
However, this waiver applies only when you have agreed in writing to waive such rights of recovery in a contract or agreement, and only if the contract or agreement:

1. Is in effect or becomes effective during the term of this policy; and
2. Was executed prior to loss.

This endorsement is part of your policy and takes effect on the effective date of your policy, unless another effective date is shown below.

Must Be Completed	
ENDT. NO. 26	POLICY NO. GL 2074978689

Complete Only When This Endorsement Is Not Prepared with the Policy Or Is Not to be Effective with the Policy	
ISSUED TO: Granite Construction Incorporated	EFFECTIVE DATE OF THIS ENDORSEMENT: 10/01/18





ADDITIONAL INSURED – PRIMARY AND NON-CONTRIBUTORY

It is understood and agreed that this endorsement amends the BUSINESS AUTO COVERAGE FORM as follows:

SCHEDULE

Name of Additional Insured Persons Or Organizations

Any person or organization whom the named insured is required by written contract to add as an additional insured on this policy.

1. In conformance with paragraph A.1.c. of Who Is An Insured of Section II – LIABILITY COVERAGE, the person or organization scheduled above is an insured under this policy.
2. The insurance afforded to the additional insured under this policy will apply on a primary and non-contributory basis if you have committed it to be so in a written contract or written agreement executed prior to the date of the "accident" for which the additional insured seeks coverage under this policy.

All other terms and conditions of the Policy remain unchanged.



Policy Number: BUA 2074978692

Effective: 10/01/2018

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.
CANCELLATION BY US**

This endorsement modifies insurance provided under the following:

**BUSINESS AUTO COVERAGE FORM
GARAGE COVERAGE FORM
TRUCKERS' COVERAGE FORM**

Paragraph 2. of Cancellation (Common Policy Conditions) is replaced by the following:

2. We may cancel this Coverage Part by mailing or delivering to the first Named Insured written notice of cancellation at least:
 - a. 10 days before the effective date of cancellation if we cancel for non-payment of premium, or
 - b. 90 days before the effective date of cancellation if we cancel for any other reason.

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.

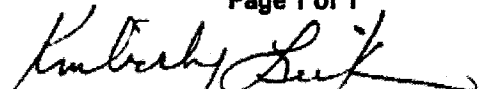
This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

Named Insured: Granite Construction Incorporated
Endorsement Effective Date: 10/01/2018

SCHEDULE

Name(s) Of Person(s) Or Organization(s): Any person or organization for whom or which you are required by written contract or agreement to obtain this waiver from us.
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.





WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY INSURANCE POLICY

NOTICE OF CANCELLATION OR MATERIAL CHANGE ENDORSEMENT

In the event of cancellation or other material change of the policy, we will mail advance notice to the person or organization named in the Schedule. The number of days advance notice is shown in the Schedule.

This endorsement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

1. Number of days advance notice:

For non-payment of premium, the greater of:

- the number of days required by state statute or
- the number of days required by written contract

For any other reason, the lesser of:

- 60 days or
- the number of days required in a written contract

2. Notice will be mailed to:

Any person or organization you are required by written contract or agreement to mail prior written notice of cancellation or material change.

Address: Per Certificates of Insurance on file with the broker

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 10-1-18

Policy No. WC274978630 Valley Forge Insurance Company

WC274978644 Valley Forge Insurance Company

WC274978658 Transportation Insurance Company

WC274978661 Transportation Insurance Company

WC 99 06 06



WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY INSURANCE POLICY

BLANKET WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS- CALIFORNIA

This endorsement changes the policy to which it is attached

It is agreed that Part One – Workers' Compensation Insurance G. Recovery From Others and Part Two – Employers' Liability Insurance H. Recovery From Others are amended by adding the following:

We will not enforce our right to recover against persons or organizations. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us)

PREMIUM CHARGE -n/a

The charge will be an amount to which you and we agree that is a percentage of the total standard premium for California exposure. The amount is n/a %.

UTAH WAIVER OF SUBROGATION ENDORSEMENT

This endorsement applies only to the insurance provided by the policy because Utah is shown in Item 3 A. of the Information Page.

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 (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule. Our waiver of rights does not release your employees' rights against third parties and does not release our authority as trustee of claims against third parties. Schedule : Any person or organization for whom the named insured has agreed by written contract to furnish this waiver.

WC43 03 05 (Ed 7-00)

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

All Other States where allowed (except CA, TX, UT)

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. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Any person or organization for whom the named insured has agreed by written contract to furnish this waiver

WC00 03 13 (Ed 4-84)

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 10/01/2018

WC274978644 Valley Forge Insurance Company
WC274978658 Transportation Insurance Company
WC274978661 Transportation Insurance Company
WC274978630 Valley Forge Insurance Company



- 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

VALLEY FORGE INSURANCE COMPANY
151 N. FRANKLIN STREET
CHICAGO, IL 60606
800-345-7542

Old Company Names

Effective Date

AMERICAN AVIATION & GENERAL INSURANCE COMPANY 07/03/1957

Agent For Service

Vivian Imperial
 818 WEST SEVENTH STREET
 SUITE 930
 LOS ANGELES CA 90017

Reference Information

NAIC #:	20508
California Company ID #:	1282-3
Date Authorized in California:	09/27/1944
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	PENNSYLVANIA

back to top

NAIC Group List

NAIC Group #: 0218 CNA INS 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.

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



COMPANY PROFILE

- 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 Information

CONTINENTAL CASUALTY COMPANY
CNA 151 NORTH FRANKLIN STREET
CHICAGO, IL 60606
800-588-7400

Old Company Names

Effective Date

Agent For Service

Vivian Imperial
 818 WEST SEVENTH STREET
 SUITE 930
 LOS ANGELES CA 90017

Reference Information

NAIC #:	20443
California Company ID #:	0048-9
Date Authorized in California:	05/14/1902
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	ILLINOIS

back to top

NAIC Group List

NAIC Group #: 0218 CNA INS 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.

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



- 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

TRANSPORTATION INSURANCE COMPANY

**CNA 151 NORTH FRANKLIN STREET
CHICAGO, IL 60606
800-262-7161**

Old Company Names

Effective Date

Agent For Service

Vivian Imperial
818 WEST SEVENTH STREET
SUITE 930
LOS ANGELES CA 90017

Reference Information

NAIC #:	20494
California Company ID #:	1378-9
Date Authorized in California:	01/16/1950
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	ILLINOIS

back to top

NAIC Group List

NAIC Group #: 0218 CNA INS 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.

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

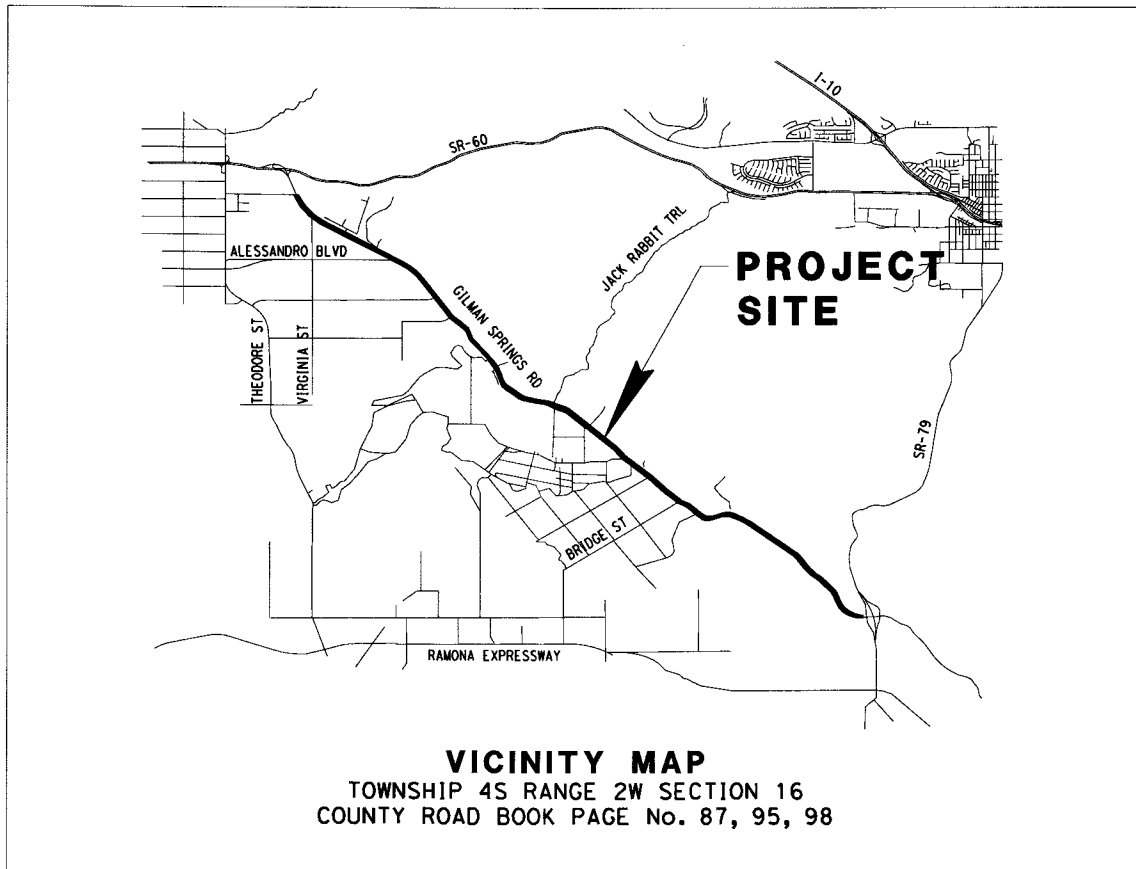
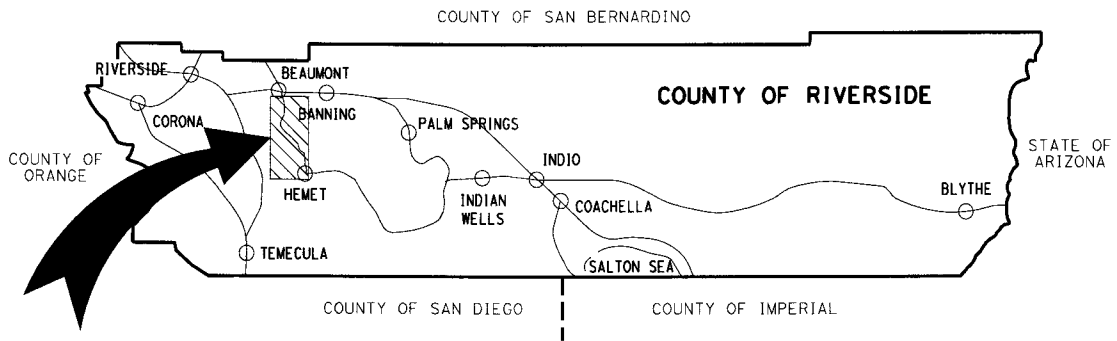
COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

GILMAN SPRINGS ROAD

RESURFACING

SR-79 SB ON-RAMP TO MORENO VALLEY CITY LIMITS
COMMUNITY OF GILMAN HOT SPRINGS / GLEN EDEN SPRINGS

WO No. C9-0059



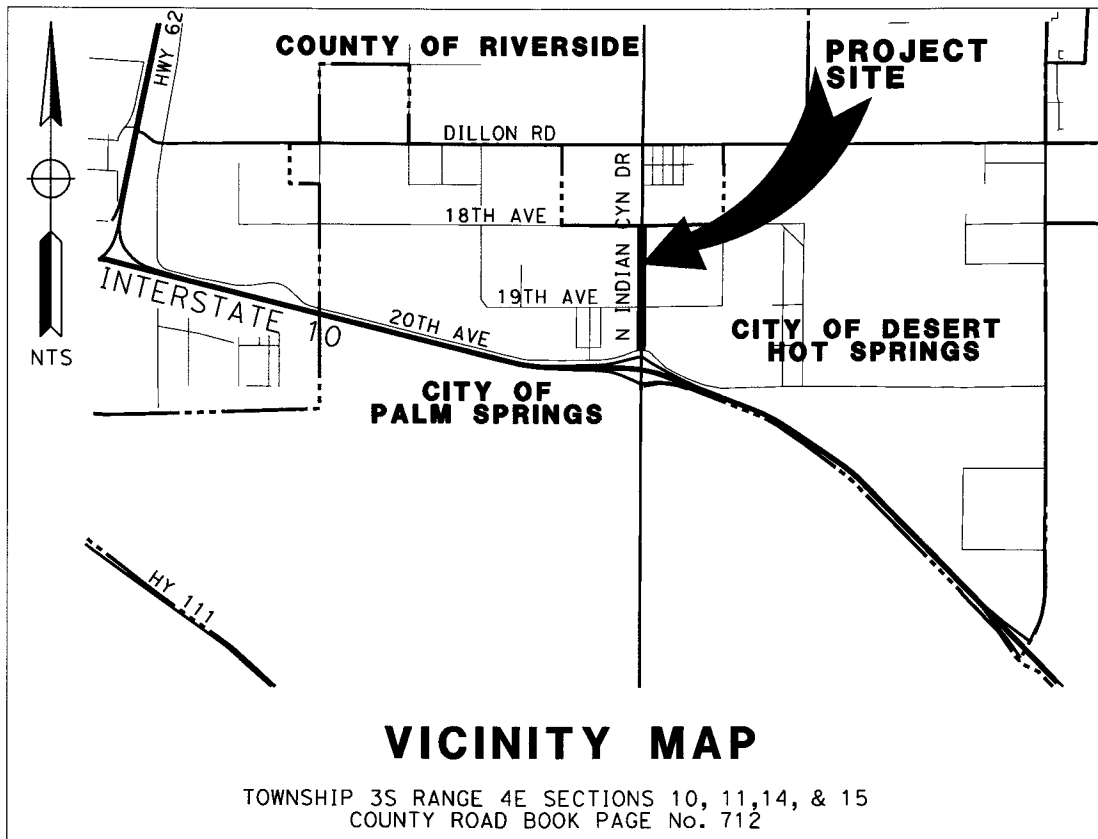
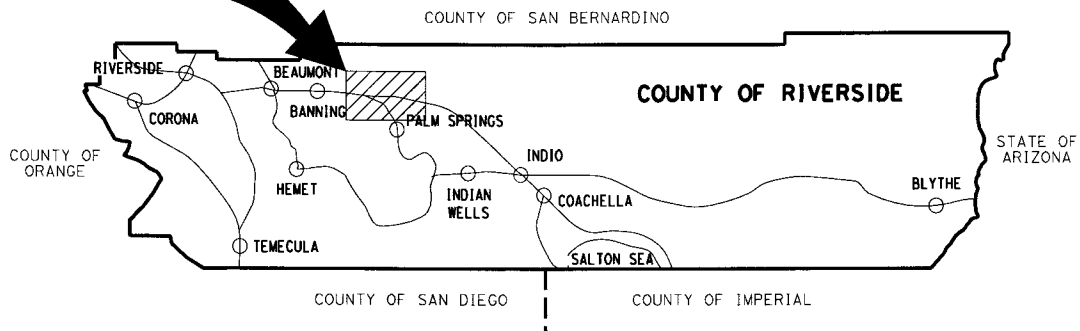
COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

NORTH INDIAN CANYON DRIVE
WIDENING PROJECT PHASE 1
20TH AVENUE TO 18TH AVENUE

CITIES OF PALM SPRINGS AND DESERT HOT SPRINGS

PROJECT No. C6-0089

PROJECT
LOCATION



Attachment "A"

Riverside County Transportation Department

Project: **GILMAN SPRINGS RESURFACING PROJECT
STATE ROUTE 79 TO MORENO VALLEY CITY LIMITS**

Project No.(s): **C9-0059**

Expenses as of: **4/3/2019**

Project Costs and Budget

Activity	Incurred Costs	Projected Costs	Total Costs	Existing Budget	Proposed Budget
Preliminary Survey					
Environmental	583		1,000		1,000
Design	56,940	15,000	72,000		72,000
Right-of-way					
Utilities					
Construction		4,692,360			
Construction Contingency	10.0%	469,236	5,162,000		5,162,000
Construction Engineering & Inspection	10.0%	6,706	470,000		470,000
Construction Survey	1.0%		47,000		47,000
Totals:		64,229	5,176,596		5,752,000

Project Funding

Code	Name	Existing Budget	Proposed Budget
221	Gas Tax/HUTA		3,152,000
223	Gas Tax/SB1		2,600,000
Totals			5,752,000

Comments

Attachment "A"

Riverside County Transportation Department

Project: **NORTH INDIAN CANYON DRIVE
PHASE 1 WIDENING**

Project No.(s): **C6-0089**

Expenses as of: **4/3/2019**

Project Costs and Budget

Activity	Incurring Agency	Incurring %	Incurring Costs	Projected Costs	Total Costs	Existing Budget	Proposed Budget
Preliminary Survey			173,863		174,000	171,000	174,000
Environmental			206,437	1,000	208,000	200,000	208,000
Design			300,987	10,000	311,000	255,000	311,000
Right-of-way			277,699		278,000	500,000	278,000
Utilities							
Construction				933,779			
Construction Contingency	10.0%			93,378	1,028,000	2,245,000	1,028,000
Construction Engineering & Inspection	15.0%		16,228	141,000	158,000	493,000	158,000
Construction Survey	5.0%		6,201	47,000	54,000	138,000	54,000
Totals:			981,414	1,226,156	2,211,000	4,002,000	2,211,000

Project Funding

Code	Name	Existing Budget	Proposed Budget
340	Transportation Uniform Mitigation Fee (CVAG)	4,002,000	2,194,000
990	Mission Springs Water District		17,000
Totals		4,002,000	2,211,000

Comments

"Preliminary Survey," "Environmental," "Design," and "Right of Way" costs cover both Phase 1 and Phase 2. Project is ongoing and will be finalized during the completion of Phase 2. Proposed budget for "Construction," "Construction Engineering," and "Construction Survey" is for the completion of Phase 1.

**Riverside County Transportation Department
Summary of Bids**

Project: North Indian Canyon Drive Widening Project Phase 1
20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs
Project No. C6-0089; and
Gilman Springs Road Resurfacing Project
Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area
Project No. C9-0059

Advised: January 15, 2019 (Agenda Item: 3.7)
 Addenda: 1 (2/1/2019), 2 (2/14/2019), 3 (2/28/2019), 4 (3/7/2019)
 Bids Open: 2 pm Date: Wednesday, March 13, 2019

Company Name	BASE BID SCHEDULE North Indian Canyon Drive Widening Project	ALTERNATIVE BID SCHEDULE 1 Coasthilling Development	ALTERNATIVE BID SCHEDULE 2 Mission Springs Water District Facilities Adjustments	ALTERNATIVE BID SCHEDULE 3 Gilman Springs Road Resurfacing Project Full Road Closure	ALTERNATIVE BID SCHEDULE 4 Gilman Springs Road Resurfacing Project One Lane Closure Night Work	ALTERNATIVE BID SCHEDULE 5 Gilman Springs Road Micro-surfacing Treatment	Project Total
COUNTY'S ESTIMATE	636,515.00	258,105.00	8,000.00	4,327,140.00	5,057,140.00	508,175.00	\$10,795,075.00
1 Granite Construction Company	676,663.90	243,714.60	13,400.00	4,085,040.50	4,476,518.50	215,841.50	\$9,711,179.00
2 All American Asphalt	629,971.05	237,008.56	27,376.38	4,115,774.46	4,835,946.26	245,647.02	\$10,091,723.73
3 Hardy and Harper, Inc.	648,310.00	229,471.00	29,000.00	4,425,928.00	4,778,723.00	252,610.00	\$10,364,042.00
4 Sully-Miller Contracting Company	876,022.50	238,891.50	27,000.00	4,375,734.60	4,897,831.00	382,480.00	\$10,797,959.60
5 R.J. Noble Company	576,095.50	211,784.00	18,200.00	4,540,387.00	5,231,314.00	323,360.00	\$10,901,140.50
<i>Average Bid Prices</i>	\$681,412.59	\$232,173.93	\$22,995.28	\$4,308,572.91	\$4,844,066.55	\$283,987.70	\$10,373,208.97

**Riverside County Transportation Department
Summary of Bids**

Project: North Indian Canyon Drive Widening Project Phase 1
 20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs
 Project No. C6-0089; and
Gilman Springs Road Resurfacing Project
 Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area
 Project No. C9-0059

Advertised: January 15, 2019 (Agenda Item: 3.7)
 Addenda: 1 (2/1/2019), 2 (2/14/2019), 3 (2/28/2019), 4 (3/7/2019)
 Bids Open: 2 pm Date: Wednesday, March 13, 2019

BASE BID SCHEDULE: North Indian Canyon Drive, Widening Project		COUNTY'S ESTIMATE					Granite Construction Co. Indio, CA 92203		
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	100100	DEVELOP WATER SUPPLY		LS	1	5,000.00	5,000.00	37,000.90	37,000.90
2	120100	TRAFFIC CONTROL SYSTEM		LS	1	80,000.00	80,000.00	80,000.00	80,000.00
3	130200	PREPARE WATER POLLUTION CONTROL PROGRAM		LS	1	5,000.00	5,000.00	5,000.00	5,000.00
4	170103	CLEARING AND GRUBBING		LS	1	10,000.00	10,000.00	10,000.00	10,000.00
5	066012	DUST ABATEMENT		LS	1	5,000.00	5,000.00	25,000.00	25,000.00
6	190101	ROADWAY EXCAVATION	Like 1	CY	2,410	70.00	168,700.00	39.00	93,990.00
7	190185	SHOULDER BACKING	Like 2	LF	3,110	2.00	6,220.00	2.00	6,220.00
8	260203	CLASS 2 AGGREGATE BASE	Like 3	CY	1,301	35.00	45,535.00	45.00	58,545.00
9	390132	HOT MIX ASPHALT (TYPE A)	Like 4	TON	2,430	85.00	206,550.00	100.00	243,000.00
10	017304	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)		LF	470	35.00	16,450.00	60.00	28,200.00
11	810230	PAVEMENT MARKER (RETROREFLECTIVE)	Like 5	EA	510	5.00	2,550.00	6.00	3,060.00
12	820410	SALVAGE ROADSIDE SIGN		EA	3	200.00	600.00	192.00	576.00
13	820840	ROADSIDE SIGN - ONE POST	Like 6	EA	4	300.00	1,200.00	550.00	2,200.00
14	820850	ROADSIDE SIGN - TWO POST		EA	5	300.00	1,500.00	750.00	3,750.00
15	840501	THERMOPLASTIC TRAFFIC STRIPE	Like 7	LF	12,700	1.00	12,700.00	0.74	9,398.00
16	840515	THERMOPLASTIC PAVEMENT MARKING	Like 8	SQFT	380	5.00	1,900.00	7.50	2,850.00
17	846020	REMOVE PAINTED TRAFFIC STRIPE	Like 9	LF	6,190	1.00	6,190.00	1.10	6,809.00
18	846035	REMOVE THERMOPLASTIC PAVEMENT MARKING		SQFT	710	2.00	1,420.00	1.50	1,065.00
19	010602	MISCELLANEOUS WORK (AS DIRECTED)		FA	1	60,000.00	60,000.00	60,000.00	60,000.00
BASE BID SCHEDULE SUB-TOTAL							636,515.00		676,663.90
ITEMS 1 - 19									

**Riverside County Transportation Department
Summary of Bids**

Project: North Indian Canyon Drive Widening Project Phase 1
 20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs
 Project No. C6-0089; and
Project: Gilman Springs Road Resurfacing Project
 Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area
 Project No. C9-0059

Advertised: January 15, 2019 (Agenda Item: 3.7)
 Addenda: 1 (2/1/2019), 2 (2/14/2019), 3 (2/28/2019), 4 (3/7/2019)
 Bids Open: 2 pm Date: Wednesday, March 13, 2019

ALTERNATIVE BID SCHEDULE 1: Coanchilling Development				COUNTY'S ESTIMATE				Granite Construction Co. Indio, CA 92203	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
20	190101	ROADWAY EXCAVATION	Like 1	CY	1,380	70.00	96,600.00	39.00	53,820.00
21	190185	SHOULDER BACKING	Like 2	LF	2,640	2.00	5,280.00	2.00	5,280.00
22	260203	CLASS 2 AGGREGATE BASE	Like 3	CY	745	35.00	26,075.00	45.00	33,525.00
23	390132	HOT MIX ASPHALT (TYPE A)	Like 4	TON	1,390	85.00	118,150.00	100.00	139,000.00
24	810230	PAVEMENT MARKER (RETROREFLECTIVE)	Like 5	EA	180	5.00	900.00	6.00	1,080.00
25	820840	ROADSIDE SIGN - ONE POST	Like 6	EA	3	300.00	900.00	550.00	1,650.00
26	840501	THERMOPLASTIC TRAFFIC STRIPE	Like 7	LF	5,890	1.00	5,890.00	0.74	4,358.60
27	840515	THERMOPLASTIC PAVEMENT MARKING	Like 8	SQFT	130	5.00	650.00	7.50	975.00
28	846020	REMOVE PAINTED TRAFFIC STRIPE	Like 9	LF	3,660	1.00	3,660.00	1.10	4,026.00
ALTERNATIVE BID SCHEDULE 1 SUB-TOTAL							258,105.00		243,714.60

ALTERNATIVE BID SCHEDULE 2: Mission Springs Water District Facilities Adjustments

ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
29	000003	ADJUST WATER VALVE WITH CONCRETE COLLAR	-----	EA	6	1,000.00	6,000.00	1,400.00	8,400.00
30	202027	RELOCATE WATER METER (MSWD)	-----	EA	2	1,000.00	2,000.00	2,500.00	5,000.00
ALTERNATIVE SCHEDULE 2 SUB-TOTAL							8,000.00		13,400.00

ALTERNATIVE BID SCHEDULE 3 - Gilman Springs Road Resurfacing Project, Full Road Closure

ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
31	065102	DUST ABATEMENT	-----	LS	1	20,000.00	20,000.00	27,000.00	27,000.00
32	100100	DEVELOP WATER SUPPLY	-----	LS	1	20,000.00	20,000.00	20,000.00	20,000.00
33	120100	TRAFFIC CONTROL SYSTEM	-----	LS	1	100,000.00	100,000.00	100,000.00	100,000.00
34	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	-----	LS	1	10,000.00	10,000.00	10,000.00	10,000.00

**Riverside County Transportation Department
Summary of Bids**

Project: North Indian Canyon Drive Widening Project Phase 1
20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs
Project No. C6-0089; and
Gilman Springs Road Resurfacing Project
Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area
Project No. C9-0059

Advised: January 15, 2019 (Agenda Item: 3.7)
Addenda: 1 (2/1/2019), 2 (2/14/2019), 3 (2/28/2019), 4 (3/7/2019)
Bids Open: 2 pm Date: Wednesday, March 13, 2019

ALTERNATIVE BID SCHEDULE 3 - Gilman Springs Road Resurfacing Project, Full Road Closure				COUNTY'S ESTIMATE				Granite Construction Co. Indio, CA 92203	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
35	170103	CLEARING AND GRUBBING (LS)	---	LS	1	15,000.00	15,000.00	15,000.00	15,000.00
36	190101	ROADWAY EXCAVATION	---	CY	1,010	25.00	25,250.00	40.00	40,400.00
37	190185	SHOULDER BACKING	---	LF	38,720	2.00	77,440.00	0.65	25,168.00
38	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	---	TON	17,700	90.00	1,593,000.00	105.00	1,858,500.00
39	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	---	EA	45	2,000.00	90,000.00	180.00	8,100.00
40	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6") AND [TYPE C AND E]	---	LF	24,175	10.00	241,750.00	1.50	36,262.50
41	390132	HOT MIX ASPHALT (TYPE A) [3/4" MIX]	---	TON	3,310	70.00	231,700.00	85.00	281,350.00
42	390132	HOT MIX ASPHALT (TYPE A) [1" MIX]	---	TON	1,470	70.00	102,900.00	85.00	124,950.00
43	390135	HOT MIX ASPHALT (LEVELING)	---	TON	10,280	65.00	668,200.00	85.00	873,800.00
44	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	---	SQYD	2,700	10.00	27,000.00	6.00	16,200.00
45	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.50' DEEP]	---	SQYD	7,030	5.00	35,150.00	6.00	42,180.00
46	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.27' DEEP]	---	SQYD	1,190	3.00	3,570.00	8.00	9,520.00
47	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.17' DEEP]	---	SQYD	1,860	3.00	5,580.00	8.00	14,880.00
48	690110	12" CORRUGATED STEEL PIPE DOWNDRAIN	---	EA	9	2,000.00	18,000.00	2,200.00	19,800.00
49	810230	PAVEMENT MARKER (RETROREFLECTIVE)	---	EA	115,000	5.00	575,000.00	2.45	281,750.00
50	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	---	LF	2,280	35.00	79,800.00	5.00	11,400.00
51	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	---	EA	18	3,500.00	63,000.00	1,000.00	18,000.00
52	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	---	EA	6	3,500.00	21,000.00	1,000.00	6,000.00
53	839752	REMOVE GUARDRAIL	---	LF	3,370	10.00	33,700.00	5.00	16,850.00
54	840515	THERMOPLASTIC PAVEMENT MARKING	---	SQFT	700	5.00	3,500.00	4.50	3,150.00
55	840656	PAINT TRAFFIC STRIPE (2-COAT)	---	LF	136,000	0.35	47,600.00	0.25	34,000.00
56	846051	12" RUMBLE STRIP (ASPHALT CONCRETE PAVEMENT)	---	LF	34,000	1.00	34,000.00	0.17	5,780.00
57	010602	MISCELLANEOUS WORK (AS DIRECTED)	---	FA	1	185,000.00	185,000.00	185,000.00	185,000.00
ALTERNATE BID SCHEDULE 3 SUB-TOTAL							4,327,140.00		4,085,040.50
ITEMS 31 - 57									

**Riverside County Transportation Department
Summary of Bids**

Project: North Indian Canyon Drive Widening Project Phase 1
20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs
Project No. C6-0089; and
Gilman Springs Road Resurfacing Project
Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area
Project No. C9-0059

Advertised: January 15, 2019 (Agenda Item: 3.7)
Addenda: 1 (2/1/2019), 2 (2/14/2019), 3 (2/28/2019), 4 (3/7/2019)
Bids Open: 2 pm Date: Wednesday, March 13, 2019

ALTERNATIVE BID SCHEDULE 4 – Gilman Springs Road Resurfacing Project, One Lane Closure, Night Work				COUNTY'S ESTIMATE				Granite Construction Co. Indio, CA 92203	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
58	066102	DUST ABATEMENT	---	LS	1	20,000.00	20,000.00	7,137.00	7,137.00
59	100100	DEVELOP WATER SUPPLY	---	LS	1	20,000.00	20,000.00	20,000.00	20,000.00
60	120100	TRAFFIC CONTROL SYSTEM	---	LS	1	300,000.00	300,000.00	300,000.00	300,000.00
61	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	---	LS	1	10,000.00	10,000.00	10,000.00	10,000.00
62	170103	CLEARING AND GRUBBING (LS)	---	LS	1	15,000.00	15,000.00	15,000.00	15,000.00
63	190101	ROADWAY EXCAVATION	---	CY	1,010	35.00	35,350.00	50.00	50,500.00
64	190185	SHOULDER BACKING	---	LF	38,720	2.00	77,440.00	0.65	25,168.00
65	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	---	TON	17,700	100.00	1,770,000.00	100.00	1,770,000.00
66	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	---	EA	45	2,000.00	90,000.00	365.00	16,425.00
67	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6") AND [TYPE C AND E]	---	LF	24,175	10.00	241,750.00	1.50	36,262.50
68	390132	HOT MIX ASPHALT (TYPE A) [3/4" MIX]	---	TON	3,310	80.00	264,800.00	81.00	268,110.00
69	390132	HOT MIX ASPHALT (TYPE A) [1" MIX]	---	TON	1,470	80.00	117,600.00	81.00	119,070.00
70	390135	HOT MIX ASPHALT (LEVELING)	---	TON	10,280	70.00	719,600.00	81.00	832,680.00
71	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	---	SQYD	2,700	10.00	27,000.00	6.00	16,200.00
72	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.50' DEEP]	---	SQYD	7,030	5.00	35,150.00	5.00	35,150.00
73	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.27' DEEP]	---	SQYD	1,190	3.00	3,570.00	5.00	5,950.00
74	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.17' DEEP]	---	SQYD	1,860	3.00	5,580.00	8.00	14,880.00
75	690110	12" CORRUGATED STEEL PIPE DOWNDRAIN	---	EA	9	2,000.00	18,000.00	2,200.00	19,800.00
76	810230	PAVEMENT MARKER (RETROREFLECTIVE)	---	EA	115,000	5.00	575,000.00	3.55	408,250.00
77	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	---	LF	2,280	35.00	79,800.00	5.00	11,400.00
78	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	---	EA	18	3,500.00	63,000.00	1,000.00	18,000.00
79	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	---	EA	6	3,500.00	21,000.00	1,000.00	6,000.00
80	839752	REMOVE GUARDRAIL	---	LF	3,370	20.00	67,400.00	5.00	16,850.00
81	840515	THERMOPLASTIC PAVEMENT MARKING	---	SQFT	700	5.00	3,500.00	7.58	5,306.00

**Riverside County Transportation Department
Summary of Bids**

Project: North Indian Canyon Drive Widening Project Phase 1
20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs
Project No. C6-0089; and
Gilman Springs Road Resurfacing Project
Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area
Project No. C9-0059

Advertised: January 15, 2019 (Agenda Item: 3.7)
Addenda: 1 (2/1/2019), 2 (2/14/2019), 3 (2/28/2019), 4 (3/7/2019)
Bids Open: 2 pm Date: Wednesday, March 13, 2019

ALTERNATIVE BID SCHEDULE 4 - Gilman Springs Road Resurfacing Project, One Lane Closure, Night Work				COUNTY'S ESTIMATE				Granite Construction Co. Indio, CA 92203	
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
82	840656	PAINT TRAFFIC STRIPE (2-COAT)	-----	LF	136,000	0.35	47,600.00	0.35	47,600.00
83	848051	12" RUMBLE STRIP (ASPHALT CONCRETE PAVEMENT)	-----	LF	34,000	1.00	34,000.00	0.17	5,780.00
84	010602	MISCELLANEOUS WORK (AS DIRECTED)	-----	FA	1	395,000.00	395,000.00	395,000.00	395,000.00
ALTERNATIVE BID SCHEDULE 4 SUB-TOTAL ITEMS 82 - 84							5,057,140.00		4,476,518.50

ALTERNATIVE BID SCHEDULE 5 - Gilman Springs Road, Micro-surfacing Treatment

ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
85	120100	TRAFFIC CONTROL SYSTEM	-----	LS	1	200,000.00	200,000.00	5,000.00	5,000.00
86	374207	CRACK TREATMENT	-----	LS	1	100,000.00	100,000.00	15,000.00	15,000.00
87	374002	ASPHALTIC EMULSION (FOG SEAL COAT)	-----	SQYD	27,550	0.50	13,775.00	0.33	9,091.50
88	378000	MICRO-SURFACING	-----	TON	480	250.00	120,000.00	235.00	112,800.00
89	810230	PAVEMENT MARKER (RETROREFLECTIVE)	-----	EA	5,400	5.00	27,000.00	4.25	22,950.00
90	840515	THERMOPLASTIC PAVEMENT MARKING	-----	SQFT	200	5.00	1,000.00	7.00	1,400.00
91	840656	PAINT TRAFFIC STRIPE (2-COAT)	-----	LF	64,000	0.35	22,400.00	0.40	25,600.00
92	010602	MISCELLANEOUS WORK (AS DIRECTED)	-----	FA	1	24,000.00	24,000.00	24,000.00	24,000.00
ALTERNATIVE BID SCHEDULE 5 SUB-TOTAL ITEMS 85 - 92							508,175.00		215,841.50

BASE BID SCHEDULE AND ALTERNATIVE BID SCHEDULES 1, 2, 3, 4 AND 5

PROJECT TOTAL ITEMS 1 - 92		10,795,075.00	9,711,179.00

**Riverside County Transportation Department
Summary of Bids**

Project: North Indian Canyon Drive Widening Project Phase 1
 20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs
 Project No. C6-0089; and
Project No. C6-0089; and
Gilman Springs Road Resurfacing Project
 Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area
 Project No. C9-0059

Advertised: January 15, 2019 (Agenda Item: 3.7)
 Addenda: 1 (2/1/2019), 2 (2/14/2019), 3 (2/28/2019), 4 (3/7/2019)
 Bids Open: 2 pm Date: Wednesday, March 13, 2019

BASE BID SCHEDULE: North Indian Canyon Drive, Widening Project		2		3					
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	100100	DEVELOP WATER SUPPLY		LS	1	2,078.45	2,078.45	5,000.00	5,000.00
2	120100	TRAFFIC CONTROL SYSTEM		LS	1	36,229.79	36,229.79	80,000.00	80,000.00
3	130200	PREPARE WATER POLLUTION CONTROL PROGRAM		LS	1	5,659.30	5,659.30	5,000.00	5,000.00
4	170103	CLEARING AND GRUBBING		LS	1	70,500.00	70,500.00	10,000.00	10,000.00
5	066012	DUST ABATEMENT		LS	1	9,357.33	9,357.33	54,830.00	54,830.00
6	190101	ROADWAY EXCAVATION	Like 1	CY	2.410	49.15	118,451.50	25.00	60,250.00
7	190185	SHOULDER BACKING	Like 2	LF	3,110	2.09	6,499.90	4.00	12,440.00
8	260203	CLASS 2 AGGREGATE BASE	Like 3	CY	1,301	50.71	65,973.71	20.00	26,020.00
9	390132	HOT MIX ASPHALT (TYPE A)	Like 4	TON	2,430	81.53	198,117.90	115.00	279,450.00
10	017304	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)		LF	470	55.82	26,235.40	65.00	30,550.00
11	810230	PAVEMENT MARKER (RETROREFLECTIVE)	Like 5	EA	510	6.24	3,182.40	3.20	1,632.00
12	820410	SALVAGE ROADSIDE SIGN		EA	3	199.53	598.59	160.00	480.00
13	820840	ROADSIDE SIGN - ONE POST	Like 6	EA	4	571.57	2,286.28	265.00	1,060.00
14	820850	ROADSIDE SIGN - TWO POST		EA	5	779.42	3,897.10	690.00	3,450.00
15	840501	THERMOPLASTIC TRAFFIC STRIPE	Like 7	LF	12,700	0.77	9,779.00	0.80	10,160.00
16	840515	THERMOPLASTIC PAVEMENT MARKING	Like 8	SQFT	380	7.79	2,960.20	5.00	1,900.00
17	846020	REMOVE PAINTED TRAFFIC STRIPE	Like 9	LF	6,190	1.14	7,056.60	0.80	4,952.00
18	846035	REMOVE THERMOPLASTIC PAVEMENT MARKING		SQFT	710	1.56	1,107.60	1.60	1,136.00
19	010602	MISCELLANEOUS WORK (AS DIRECTED)		FA	1	60,000.00	60,000.00	60,000.00	60,000.00
BASE BID SCHEDULE SUB-TOTAL							629,971.05		648,310.00

**Riverside County Transportation Department
Summary of Bids**

Project: North Indian Canyon Drive Widening Project Phase 1
20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs
Project No. C6-0089; and
Gilman Springs Road Resurfacing Project
Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area
Project No. C9-0059

Advertised: January 15, 2019 (Agenda Item: 3.7)
Addenda: 1 (2/1/2019), 2 (2/14/2019), 3 (2/28/2019), 4 (3/7/2019)
Bids Open: 2 pm Date: Wednesday, March 13, 2019

ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	2			3
						All American Asphalt Corona, CA 92878	BID UNIT PRICE	BID ESTIMATE	
20	190101	ROADWAY EXCAVATION	Like 1	CY	1,380	49.15	67,827.00	25.00	34,500.00
21	190185	SHOULDER BACKING	Like 2	LF	2,640	2.09	5,517.60	4.00	10,560.00
22	260203	CLASS 2 AGGREGATE BASE	Like 3	CY	745	50.71	37,778.95	20.00	14,900.00
23	390132	HOT MIX ASPHALT (TYPE A)	Like 4	TON	1,390	81.53	113,326.70	115.00	159,850.00
24	810230	PAVEMENT MARKER (RETROREFLECTIVE)	Like 5	EA	180	6.24	1,123.20	3.20	576.00
25	820840	ROADSIDE SIGN - ONE POST	Like 6	EA	3	571.57	1,714.71	265.00	795.00
26	840501	THERMOPLASTIC TRAFFIC STRIPE	Like 7	LF	5,890	0.77	4,535.30	0.80	4,712.00
27	840515	THERMOPLASTIC PAVEMENT MARKING	Like 8	SOFT	130	7.79	1,012.70	5.00	650.00
28	846020	REMOVE PAINTED TRAFFIC STRIPE	Like 9	LF	3,660	1.14	4,172.40	0.80	2,928.00
ALTERNATIVE BID SCHEDULE 1 SUB-TOTAL							237,008.56		229,471.00

ALTERNATIVE BID SCHEDULE 2: Mission Springs Water District Facilities Adjustments

ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	2			3
						All American Asphalt Corona, CA 92878	BID UNIT PRICE	BID ESTIMATE	
29	000003	ADJUST WATER VALVE WITH CONCRETE COLLAR	-----	EA	6	1,306.50	7,839.00	2,500.00	15,000.00
30	202027	RELOCATE WATER METER (MSWD)	-----	EA	2	9,768.69	19,537.38	7,000.00	14,000.00
ALTERNATIVE SCHEDULE 2 SUB-TOTAL							27,376.38		29,000.00

ALTERNATIVE BID SCHEDULE 3 - Gilman Springs Road Resurfacing Project, Full Road Closure

ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	2			3
						All American Asphalt Corona, CA 92878	BID UNIT PRICE	BID ESTIMATE	
31	066102	DUST ABATEMENT	-----	LS	1	9,357.33	9,357.33	90,000.00	90,000.00
32	100100	DEVELOP WATER SUPPLY	-----	LS	1	5,196.11	5,196.11	20,000.00	20,000.00
33	120100	TRAFFIC CONTROL SYSTEM	-----	LS	1	80,922.39	80,922.39	100,000.00	100,000.00
34	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	-----	LS	1	5,659.30	5,659.30	10,000.00	10,000.00

**Riverside County Transportation Department
Summary of Bids**

Project: North Indian Canyon Drive Widening Project Phase 1
 20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs
 Project No. C6-0089; and
Gilman Springs Road Resurfacing Project
 Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area
 Project No. C9-0059

Advertised: January 15, 2019 (Agenda Item: 3.7)
 Addenda: 1 (2/1/2019), 2 (2/14/2019), 3 (2/28/2019), 4 (3/7/2019)
 Bids Open: 2 pm Date: Wednesday, March 13, 2019

ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	2			3		
				UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
35	170103	CLEARING AND GRUBBING (LS)	---	LS	1	95,306.98	95,306.98	15,000.00	15,000.00
36	190101	ROADWAY EXCAVATION	---	CY	1,010	58.86	59,448.60	20.00	20,200.00
37	190185	SHOULDER BACKING	---	LF	38,720	0.88	34,073.60	1.50	58,080.00
38	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	---	TON	17,700	91.09	1,612,293.00	94.00	1,663,800.00
39	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	---	EA	45	1,295.86	58,313.70	1,500.00	67,500.00
40	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6") AND [TYPE C AND E]	---	LF	24,175	3.05	73,733.75	4.56	110,238.00
41	390132	HOT MIX ASPHALT (TYPE A) [3/4" MIX]	---	TON	3,310	82.80	274,068.00	73.00	241,630.00
42	390132	HOT MIX ASPHALT (TYPE A) [1" MIX]	---	TON	1,470	75.86	111,514.20	73.00	107,310.00
43	390135	HOT MIX ASPHALT (LEVELING)	---	TON	10,280	81.73	840,184.40	94.00	966,320.00
44	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	---	SQYD	2,700	3.12	8,424.00	21.00	56,700.00
45	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.50' DEEP]	---	SQYD	7,030	7.00	49,210.00	15.00	105,450.00
46	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.27' DEEP]	---	SQYD	1,190	4.57	5,438.30	11.00	13,090.00
47	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.17' DEEP]	---	SQYD	1,860	2.87	5,338.20	12.00	22,320.00
48	690110	12" CORRUGATED STEEL PIPE DOWNDRAIN	---	EA	9	4,780.42	43,023.78	6,500.00	58,500.00
49	810230	PAVEMENT MARKER (RETROREFLECTIVE)	---	EA	115,000	2.55	293,250.00	2.10	241,500.00
50	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	---	LF	2,280	35.33	80,552.40	36.00	82,080.00
51	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	---	EA	18	4,156.89	74,824.02	4,240.00	76,320.00
52	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	---	EA	6	3,013.75	18,082.50	3,100.00	18,600.00
53	839752	REMOVE GUARDRAIL	---	LF	3,370	12.47	42,023.90	13.00	43,810.00
54	840515	THERMOPLASTIC PAVEMENT MARKING	---	SQFT	700	4.68	3,276.00	6.00	4,200.00
55	840656	PAINT TRAFFIC STRIPE (2-COAT)	---	LF	136,000	0.26	35,360.00	0.23	31,280.00
56	846051	12" RUMBLE STRIP (ASPHALT CONCRETE PAVEMENT)	---	LF	34,000	0.35	11,900.00	0.50	17,000.00
57	010602	MISCELLANEOUS WORK (AS DIRECTED)	---	FA	1	185,000.00	185,000.00	185,000.00	185,000.00
ALTERNATE BID SCHEDULE 3 SUB-TOTAL							4,115,774.46		4,425,928.00

**Riverside County Transportation Department
Summary of Bids**

Project: North Indian Canyon Drive Widening Project Phase 1
20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs
Project No. C6-0089; and
Gilman Springs Road Resurfacing Project
Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area
Project No. C9-0059

Advertised: January 15, 2019 (Agenda Item: 3.7)
Addenda: 1 (2/1/2019), 2 (2/14/2019), 3 (2/28/2019), 4 (3/7/2019)
Bids Open: 2 pm Date: Wednesday, March 13, 2019

ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	2		3	
						All American Asphalt Corona, CA 92878	BID ESTIMATE	Hardy and Harper, Inc. Lake Forest, CA 92630	BID ESTIMATE
58	066102	DUST ABATEMENT	---	LS	1	9,357.33	9,357.33	15,000.00	15,000.00
59	100100	DEVELOP WATER SUPPLY	---	LS	1	5,196.11	5,196.11	20,000.00	20,000.00
60	120100	TRAFFIC CONTROL SYSTEM	---	LS	1	228,121.82	228,121.82	300,000.00	300,000.00
61	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	---	LS	1	5,659.30	5,659.30	10,000.00	10,000.00
62	170103	CLEARING AND GRUBBING (LS)	---	LS	1	140,512.27	140,512.27	15,000.00	15,000.00
63	190101	ROADWAY EXCAVATION	---	CY	1,010	80.34	81,143.40	25.00	25,250.00
64	190185	SHOULDER BACKING	---	LF	38,720	0.88	34,073.60	1.65	63,888.00
65	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	---	TON	17,700	93.80	1,660,260.00	90.00	1,593,000.00
66	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	---	EA	45	1,295.86	58,313.70	1,650.00	74,250.00
67	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6") AND [TYPE C AND E]	---	LF	24,175	3.05	73,733.75	5.00	120,875.00
68	390132	HOT MIX ASPHALT (TYPE A) [3/4" MIX]	---	TON	3,310	90.82	300,614.20	74.00	244,940.00
69	390132	HOT MIX ASPHALT (TYPE A) [1" MIX]	---	TON	1,470	83.88	123,303.60	74.00	108,780.00
70	390135	HOT MIX ASPHALT (LEVELING)	---	TON	10,280	83.84	861,875.20	90.00	925,200.00
71	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	---	SQYD	2,700	3.12	8,424.00	24.00	64,800.00
72	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.50' DEEP]	---	SQYD	7,030	9.33	65,589.90	17.00	119,510.00
73	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.27' DEEP]	---	SQYD	1,190	5.77	6,866.30	11.00	13,090.00
74	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.17' DEEP]	---	SQYD	1,860	3.63	6,751.80	12.00	22,320.00
75	690110	12" CORRUGATED STEEL PIPE DOWNDRAIN	---	EA	9	4,780.42	43,023.78	7,150.00	64,350.00
76	810230	PAVEMENT MARKER (RETROREFLECTIVE)	---	EA	115,000	3.69	424,350.00	2.40	276,000.00
77	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	---	LF	2,280	38.45	87,666.00	39.00	88,920.00
78	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	---	EA	18	4,520.62	81,371.16	4,600.00	82,800.00
79	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	---	EA	6	3,221.59	19,329.54	3,300.00	19,800.00
80	839752	REMOVE GUARDRAIL	---	LF	3,370	14.55	49,033.50	15.00	50,550.00
81	840515	THERMOPLASTIC PAVEMENT MARKING	---	SOFT	700	7.88	5,516.00	6.00	4,200.00

Riverside County Transportation Department
Summary of Bids

Project: North Indian Canyon Drive Widening Project Phase 1
 20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs
 Project No. C6-0089; and
Gilman Springs Road Resurfacing Project
 Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area
 Project No. C9-0059

Advertised: January 15, 2019 (Agenda Item: 3.7)
 Addenda: 1 (2/1/2019), 2 (2/14/2019), 3 (2/28/2019), 4 (3/7/2019)
 Bids Open: 2 pm Date: Wednesday, March 13, 2019

ALTERNATIVE BID SCHEDULE 4 – Gilman Springs Road Resurfacing Project, One Lane Closure, Night Work		2		3					
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
82	840656	PAINT TRAFFIC STRIPE (2-COAT)	-----	LF	136,000	0.36	48,960.00	0.30	40,800.00
83	846051	12" RUMBLE STRIP (ASPHALT CONCRETE PAVEMENT)	-----	LF	34,000	0.35	11,900.00	0.60	20,400.00
84	010602	MISCELLANEOUS WORK (AS DIRECTED)	-----	FA	1	395,000.00	395,000.00	395,000.00	395,000.00
ALTERNATIVE BID SCHEDULE 4 SUB-TOTAL ITEMS 58 - 84							4,835,946.26		4,778,723.00

All American Asphalt
 Corona, CA 92878

Hardy and Harper, Inc.
 Lake Forest, CA 92630

ALTERNATIVE BID SCHEDULE 5 – Gilman Springs Road, Micro-surfacing Treatment

ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
85	120100	TRAFFIC CONTROL SYSTEM	-----	LS	1	29,066.72	29,066.72	15,000.00	15,000.00
86	374207	CRACK TREATMENT	-----	LS	1	40,238.70	40,238.70	42,000.00	42,000.00
87	374002	ASPHALTIC EMULSION (FOG SEAL COAT)	-----	SQYD	27,550	0.44	12,122.00	0.20	5,510.00
88	378000	MICRO-SURFACING	-----	TON	480	183.37	88,017.60	287.00	137,760.00
89	810230	PAVEMENT MARKER (RETROREFLECTIVE)	-----	EA	5,400	4.42	23,868.00	2.10	11,340.00
90	840515	THERMOPLASTIC PAVEMENT MARKING	-----	SQFT	200	7.27	1,454.00	5.00	1,000.00
91	840656	PAINT TRAFFIC STRIPE (2-COAT)	-----	LF	64,000	0.42	26,880.00	0.25	16,000.00
92	010602	MISCELLANEOUS WORK (AS DIRECTED)	-----	FA	1	24,000.00	24,000.00	24,000.00	24,000.00
ALTERNATIVE BID SCHEDULE 5 SUB-TOTAL ITEMS 85 - 92							245,647.02		252,610.00

BASE BID SCHEDULE AND ALTERNATIVE BID SCHEDULES 1, 2, 3, 4 AND 5

PROJECT TOTAL ITEMS 1 - 92	10,091,723.73	10,364,042.00
--------------------------------------	----------------------	----------------------

**Riverside County Transportation Department
Summary of Bids**

Project: North Indian Canyon Drive Widening Project Phase 1
 20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs
 Project No. C6-0089; and
Gilman Springs Road Resurfacing Project
 Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area
 Project No. C9-0059

Advertised: January 15, 2019 (Agenda Item: 3.7)
 Addenda: 1 (2/1/2019), 2 (2/14/2019), 3 (2/28/2019), 4 (3/7/2019)
 Bids Open: 2 pm Date: Wednesday, March 13, 2019

BASE BID SCHEDULE: North Indian Canyon Drive, Widening Project		4				5			
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	100100	DEVELOP WATER SUPPLY		LS	1	15,000.00	15,000.00	5,000.00	5,000.00
2	120100	TRAFFIC CONTROL SYSTEM		LS	1	175,000.00	175,000.00	80,000.00	80,000.00
3	130200	PREPARE WATER POLLUTION CONTROL PROGRAM		LS	1	47,000.00	47,000.00	5,000.00	5,000.00
4	170103	CLEARING AND GRUBBING		LS	1	90,000.00	90,000.00	10,000.00	10,000.00
5	066012	DUST ABATEMENT		LS	1	32,000.00	32,000.00	10,000.00	10,000.00
6	190101	ROADWAY EXCAVATION	Like 1	CY	2,410	36.00	86,760.00	34.00	81,940.00
7	190185	SHOULDER BACKING	Like 2	LF	3,110	2.00	6,220.00	6.25	19,437.50
8	260203	CLASS 2 AGGREGATE BASE	Like 3	CY	1,301	68.00	88,468.00	46.00	59,846.00
9	390132	HOT MIX ASPHALT (TYPE A)	Like 4	TON	2,430	86.00	208,980.00	75.00	182,250.00
10	017304	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)		LF	470	70.00	32,900.00	78.00	36,660.00
11	810230	PAVEMENT MARKER (RETROREFLECTIVE)	Like 5	EA	510	6.50	3,315.00	4.00	2,040.00
12	820410	SALVAGE ROADSIDE SIGN		EA	3	220.00	660.00	200.00	600.00
13	820840	ROADSIDE SIGN - ONE POST	Like 6	EA	4	625.00	2,500.00	265.00	1,060.00
14	820850	ROADSIDE SIGN - TWO POST		EA	5	850.00	4,250.00	800.00	4,000.00
15	840501	THERMOPLASTIC TRAFFIC STRIPE	Like 7	LF	12,700	0.85	10,795.00	0.80	10,160.00
16	840515	THERMOPLASTIC PAVEMENT MARKING	Like 8	SQFT	380	8.50	3,230.00	5.30	2,014.00
17	846020	REMOVE PAINTED TRAFFIC STRIPE	Like 9	LF	6,190	1.25	7,737.50	0.80	4,952.00
18	846035	REMOVE THERMOPLASTIC PAVEMENT MARKING		SQFT	710	1.70	1,207.00	1.60	1,136.00
19	010602	MISCELLANEOUS WORK (AS DIRECTED)		FA	1	60,000.00	60,000.00	60,000.00	60,000.00
BASE BID SCHEDULE SUB-TOTAL							876,022.50		576,095.50

**Riverside County Transportation Department
Summary of Bids**

Project: North Indian Canyon Drive Widening Project Phase 1
20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs
Project No. C6-0089; and
Gilman Springs Road Resurfacing Project
Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area
Project No. C9-0059

Advertised: January 15, 2019 (Agenda Item: 3.7)
Addenda: 1 (2/1/2019), 2 (2/14/2019), 3 (2/28/2019), 4 (3/7/2019)
Bids Open: 2 pm Date: Wednesday, March 13, 2019

ALTERNATIVE BID SCHEDULE 1: Coachilling Development		4			5				
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
20	190101	ROADWAY EXCAVATION	Like 1	CY	1,380	36.00	49,680.00	34.00	46,920.00
21	190185	SHOULDER BACKING	Like 2	LF	2,640	2.00	5,280.00	6.25	16,500.00
22	260203	CLASS 2 AGGREGATE BASE	Like 3	CY	745	68.00	50,660.00	46.00	34,270.00
23	390132	HOT MIX ASPHALT (TYPE A)	Like 4	TON	1,390	86.00	119,540.00	75.00	104,250.00
24	810230	PAVEMENT MARKER (RETROREFLECTIVE)	Like 5	EA	180	6.50	1,170.00	4.00	720.00
25	820840	ROADSIDE SIGN - ONE POST	Like 6	EA	3	625.00	1,875.00	265.00	795.00
26	840501	THERMOPLASTIC TRAFFIC STRIPE	Like 7	LF	5,890	0.85	5,006.50	0.80	4,712.00
27	840515	THERMOPLASTIC PAVEMENT MARKING	Like 8	SQFT	130	8.50	1,105.00	5.30	689.00
28	846020	REMOVE PAINTED TRAFFIC STRIPE	Like 9	LF	3,660	1.25	4,575.00	0.80	2,928.00
ALTERNATIVE BID SCHEDULE 1 SUB-TOTAL							238,891.50		211,784.00

ALTERNATIVE BID SCHEDULE 2: Mission Springs Water District Facilities Adjustments

ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
29	000003	ADJUST WATER VALVE WITH CONCRETE COLLAR	-----	EA	6	2,000.00	12,000.00	1,200.00	7,200.00
30	202027	RELOCATE WATER METER (MSWD)	-----	EA	2	7,500.00	15,000.00	5,500.00	11,000.00
ALTERNATIVE SCHEDULE 2 SUB-TOTAL							27,000.00		18,200.00

ALTERNATIVE BID SCHEDULE 3 - Gilman Springs Road Resurfacing Project, Full Road Closure

ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
31	066102	DUST ABATEMENT	-----	LS	1	12,000.00	12,000.00	575,000.00	575,000.00
32	100100	DEVELOP WATER SUPPLY	-----	LS	1	20,000.00	20,000.00	20,000.00	20,000.00
33	120100	TRAFFIC CONTROL SYSTEM	-----	LS	1	100,000.00	100,000.00	100,000.00	100,000.00
34	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	-----	LS	1	3,500.00	3,500.00	10,000.00	10,000.00

**Riverside County Transportation Department
Summary of Bids**

Project: North Indian Canyon Drive Widening Project Phase 1
20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs
Project No. C6-0089; and
Gilman Springs Road Resurfacing Project
Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area
Project No. C9-0059

Advertised: January 15, 2019 (Agenda Item: 3.7)
Addenda: 1 (2/1/2019), 2 (2/14/2019), 3 (2/28/2019), 4 (3/7/2019)
Bids Open: 2 pm Date: Wednesday, March 13, 2019

ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	4			5		
					QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE	BID ESTIMATE
ALTERNATE BID SCHEDULE 3 - Gilman Springs Road Resurfacing Project, Full Road Closure										
35	170103	CLEARING AND GRUBBING (LS)	---	LS	1	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
36	190101	ROADWAY EXCAVATION	---	CY	1,010	50.00	50,500.00	50,500.00	32.00	32,320.00
37	190185	SHOULDER BACKING	---	LF	38,720	0.28	10,841.60	10,841.60	2.50	96,800.00
38	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	---	TON	17,700	105.00	1,858,500.00	1,858,500.00	92.50	1,637,250.00
39	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	---	EA	45	725.00	32,625.00	32,625.00	1,425.00	64,125.00
40	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6") AND [TYPE C AND E]	---	LF	24,175	1.00	24,175.00	24,175.00	1.60	38,680.00
41	390132	HOT MIX ASPHALT (TYPE A) [3/4" MIX]	---	TON	3,310	90.25	298,727.50	298,727.50	82.00	271,420.00
42	390132	HOT MIX ASPHALT (TYPE A) [1" MIX]	---	TON	1,470	83.00	122,010.00	122,010.00	75.00	110,250.00
43	390135	HOT MIX ASPHALT (LEVELING)	---	TON	10,280	97.00	997,160.00	997,160.00	80.00	822,400.00
44	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	---	SQYD	2,700	10.00	27,000.00	27,000.00	3.50	9,450.00
45	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.50' DEEP]	---	SQYD	7,030	5.00	35,150.00	35,150.00	6.90	48,507.00
46	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.27' DEEP]	---	SQYD	1,190	3.75	4,462.50	4,462.50	5.50	6,545.00
47	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.17' DEEP]	---	SQYD	1,860	0.15	279.00	279.00	5.50	10,230.00
48	690110	12" CORRUGATED STEEL PIPE DOWNDRAIN	---	EA	9	2,500.00	22,500.00	22,500.00	4,700.00	42,300.00
49	810230	PAVEMENT MARKER (RETROREFLECTIVE)	---	EA	115,000	2.50	287,500.00	287,500.00	1.90	218,500.00
50	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	---	LF	2,280	28.00	63,840.00	63,840.00	30.00	68,400.00
51	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	---	EA	18	3,200.00	57,600.00	57,600.00	3,475.00	62,550.00
52	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	---	EA	6	1,800.00	10,800.00	10,800.00	2,850.00	17,100.00
53	839752	REMOVE GUARDRAIL	---	LF	3,370	7.20	24,264.00	24,264.00	8.50	28,645.00
54	840515	THERMOPLASTIC PAVEMENT MARKING	---	SQFT	700	5.00	3,500.00	3,500.00	5.25	3,675.00
55	840656	PAINT TRAFFIC STRIPE (2-COAT)	---	LF	138,000	0.70	95,200.00	95,200.00	0.25	34,000.00
56	846051	12" RUMBLE STRIP (ASPHALT CONCRETE PAVEMENT)	---	LF	34,000	0.40	13,600.00	13,600.00	0.36	12,240.00
57	010602	MISCELLANEOUS WORK (AS DIRECTED)	---	FA	1	185,000.00	185,000.00	185,000.00	185,000.00	185,000.00
							4,375,734.60			4,540,387.00

**Riverside County Transportation Department
Summary of Bids**

Project: North Indian Canyon Drive Widening Project Phase 1
20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs
Project No. C6-0089; and
Gilman Springs Road Resurfacing Project
Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area
Project No. C9-0059

Advertised: January 15, 2019 (Agenda Item: 3.7)
Addenda: 1 (2/1/2019), 2 (2/14/2019), 3 (2/28/2019), 4 (3/7/2019)
Bids Open: 2 pm Date: Wednesday, March 13, 2019

ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	4			5		
						BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
58	066102	DUST ABATEMENT	---	LS	1	12,000.00	12,000.00	430,000.00	430,000.00	R.J. Noble Company Orange, CA 92856	5
59	100100	DEVELOP WATER SUPPLY	---	LS	1	2,500.00	2,500.00	20,000.00	20,000.00		
60	120100	TRAFFIC CONTROL SYSTEM	---	LS	1	200,000.00	200,000.00	300,000.00	300,000.00		
61	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	---	LS	1	5,000.00	5,000.00	10,000.00	10,000.00		
62	170103	CLEARING AND GRUBBING (LS)	---	LS	1	5,000.00	5,000.00	15,000.00	15,000.00		
63	190101	ROADWAY EXCAVATION	---	CY	1,010	50.00	50,500.00	69.00	69,690.00		
64	190185	SHOULDER BACKING	---	LF	38,720	0.40	15,488.00	3.70	143,264.00		
65	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	---	TON	17,700	106.00	1,876,200.00	97.50	1,725,750.00		
66	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	---	EA	45	725.00	32,625.00	1,825.00	82,125.00		
67	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6") AND [TYPE C AND E]	---	LF	24,175	1.00	24,175.00	1.60	38,680.00		
68	390132	HOT MIX ASPHALT (TYPE A) [3/4" MIX]	---	TON	3,310	90.25	298,727.50	85.00	281,350.00		
69	390132	HOT MIX ASPHALT (TYPE A) [1" MIX]	---	TON	1,470	83.00	122,010.00	89.00	130,830.00		
70	390135	HOT MIX ASPHALT (LEVELING)	---	TON	10,280	97.00	997,160.00	87.50	899,500.00		
71	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	---	SQYD	2,700	10.00	27,000.00	3.50	9,450.00		
72	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.50' DEEP]	---	SQYD	7,030	5.00	35,150.00	14.50	101,935.00		
73	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.27' DEEP]	---	SQYD	1,190	3.75	4,462.50	18.00	21,420.00		
74	398200	COLD PLANE ASPHALT CONCRETE PAVEMENT [0.17' DEEP]	---	SQYD	1,860	0.15	279.00	18.00	33,480.00		
75	690110	12" CORRUGATED STEEL PIPE DOWNDRAIN	---	EA	9	2,500.00	22,500.00	4,700.00	42,300.00		
76	810230	PAVEMENT MARKER (RETROREFLECTIVE)	---	EA	115,000	4.00	460,000.00	2.15	247,250.00		
77	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	---	LF	2,280	28.00	63,840.00	30.00	68,400.00		
78	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	---	EA	18	3,200.00	57,600.00	3,500.00	63,000.00		
79	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	---	EA	6	1,800.00	10,800.00	2,850.00	17,100.00		
80	839752	REMOVE GUARDRAIL	---	LF	3,370	7.20	24,264.00	8.50	28,645.00		
81	840515	THERMOPLASTIC PAVEMENT MARKING	---	SQFT	700	8.50	5,950.00	6.35	4,445.00		

**Riverside County Transportation Department
Summary of Bids**

Project: North Indian Canyon Drive Widening Project Phase 1
20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs
Project No. C6-0089; and
Project No. C6-0089; and
Gilman Springs Road Resurfacing Project
Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area
Project No. C9-0059

Advertised: January 15, 2019 (Agenda Item: 3.7)
Addenda: 1 (2/1/2019), 2 (2/14/2019), 3 (2/28/2019), 4 (3/7/2019)
Bids Open: 2 pm Date: Wednesday, March 13, 2019

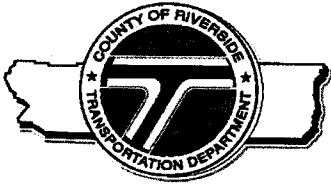
ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	4		5	
					BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
82	840656	PAINT TRAFFIC STRIPE (2-COAT)	---	LF	1.00	136,000.00	0.30	40,800.00
83	846051	12" RUMBLE STRIP (ASPHALT CONCRETE PAVEMENT)	---	LF	0.40	13,600.00	0.35	11,900.00
84	010602	MISCELLANEOUS WORK (AS DIRECTED)	---	FA	395,000.00	395,000.00	395,000.00	395,000.00
ALTERNATIVE BID SCHEDULE 4 SUB-TOTAL ITEMS 58 - 84						4,897,831.00		5,231,314.00

ALTERNATIVE BID SCHEDULE 5 - Gilman Springs Road, Micro-surfacing Treatment

ITEM NO.	ITEM CODE	CONTRACT ITEM	Like Bid Item	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
86	374207	CRACK TREATMENT	---	LS	1	52,000.00	52,000.00	41,000.00	41,000.00
87	374002	ASPHALTIC EMULSION (FOG SEAL COAT)	---	SQYD	27,550	0.60	16,530.00	1.20	33,060.00
88	378000	MICRO-SURFACING	---	TON	480	375.00	180,000.00	286.00	137,280.00
89	810230	PAVEMENT MARKER (RETROREFLECTIVE)	---	EA	5,400	5.25	28,350.00	2.15	11,610.00
90	840515	THERMOPLASTIC PAVEMENT MARKING	---	SQFT	200	8.00	1,600.00	5.25	1,050.00
91	840656	PAINT TRAFFIC STRIPE (2-COAT)	---	LF	64,000	0.50	32,000.00	0.24	15,360.00
92	010602	MISCELLANEOUS WORK (AS DIRECTED)	---	FA	1	24,000.00	24,000.00	24,000.00	24,000.00
ALTERNATIVE BID SCHEDULE 5 SUB-TOTAL ITEMS 85 - 92						382,480.00		323,360.00	

BASE BID SCHEDULE AND ALTERNATIVE BID SCHEDULES 1, 2, 3, 4 AND 5

PROJECT TOTAL ITEMS 1 - 92	10,797,959.60	10,901,140.50
--------------------------------------	----------------------	----------------------



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 February 1, 2019

to the
Specifications and Contract Documents
for the construction of

North Indian Canyon Drive
Widening Project Phase 1
20th Avenue to 18th Avenue
Cities of Palm Springs and Desert Hot Springs
Project No. C6-0089

Bids Due: (Revised)
Wednesday, February 20, 2019; 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, February 20, 2019; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

Prepared by: _____

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

Acknowledged: _____

Date: _____

(Contractor)

JRJ:rr



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 2

Dated February 14, 2019

to the
Specifications and Contract Documents
for the construction of

North Indian Canyon Drive
Widening Project Phase 1
20th Avenue to 18th Avenue
Cities of Palm Springs and Desert Hot Springs
Project No. C6-0089; and

Gilman Springs Road
Resurfacing Project
Moreno Valley City Limit to State Highway 79
Gilman Hot Springs Area
Project No. C9-0059

Bids Due: (REVISED)
Wednesday, March 6, 2019; 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, March 6, 2019; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

Item 2: Incorporation of Additional Work, Project Name and Bid Bond Template Update.
The Gilman Springs Road Resurfacing Project, from Moreno Valley City Limit to State Highway 79 in the Gilman Hot Springs Area of the County of Riverside is hereby incorporated to the North Indian Canyon Drive Widening Project Phase 1.

Additional items of work, plans, special provisions and modifications to other bidding documents will be provided by a subsequent addendum to further clarify requirements of the Gilman Springs Road Resurfacing Project.

Refer to all Bidding Documents / Contract Documents. Whenever and wherever in the Contract Documents the project name is used, it shall be understood to mean and refer to:

**North Indian Canyon Drive
Widening Project Phase 1
20th Avenue to 18th Avenue
Cities of Palm Springs and Desert Hot Springs
Project No. C6-0089; and**

**Gilman Springs Road
Resurfacing Project
Moreno Valley City Limit to State Highway 79
Gilman Hot Springs Area
Project No. C9-0059**

Bid Bond. Refer to "Bid Bond" template on page B9. Delete and replace page B9 with revised page B9 attached herewith as **Attachment "A"**.

Item 3: Project Description – Refer to Section 00-1.01, "Project Description," on page 1 of the special provisions. The following paragraphs are added at the end of Section 00-1.01:

Gilman Springs Road Resurfacing

In general this project consist of rehabilitating approximately 9 miles of Gilman Springs Road between Moreno Valley City Limits and State Route 79. The proposed improvements include resurfacing the entire roadway width with Asphalt Rubber Hot Mix (ARHM) over a leveling course of Hot Mix Asphalt (HMA). Additionally, areas with deteriorated pavement conditions will be milled to required depths and filled with HMA prior to resurfacing, areas with minimal or no deterioration will be cracked sealed and treated only with slurry seal (microsurfacing).

The proposed project will include:

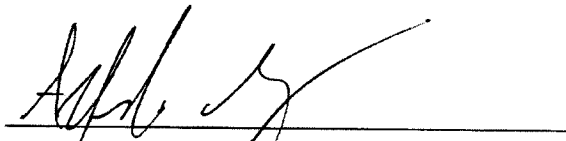
- Remove and replace existing guardrail and end treatments
- Reconstruction of down-drains
- Placement of asphalt concrete dike and shoulder backing
- Rumble strip installation at edge lines and center line
- Striping of roadway, including pavement markers, reflectors
- Replacement of signs
- Any other work as may be required

ATTACHMENTS

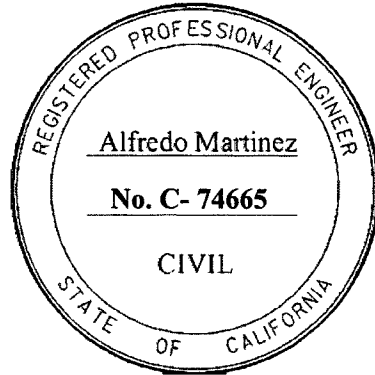
A – Revised Bid Bond

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

Recommended by:



Alfredo Martinez, PE
County Project Manager



Concurrence:



Khalid Masim, PE
Engineering Division Manager

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

JRJ:jrj:rr

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).

Bid Bond

Recitals:

1. _____ "Contractor", has submitted his/her Contractor's Proposal to County of Riverside, "County", for the construction of public work for North Indian Canyon Drive, Widening Project Phase 1, 20th Avenue to 18th Avenue, Cities of Palm Springs and Desert Hot Springs, Project No. C6-0089; and Gilman Springs Road, Resurfacing Project, Moreno Valley City Limit to State Highway 79, Gilman Hot Springs Area, Project No. C9-0059 in accordance with a Notice Inviting Bids from the County.
2. _____ a _____ corporation, hereafter called "Surety", is the surety of this bond.

Agreement:

We, Contractor as Principal and Surety as Surety, jointly and severally agree and state as follows:

1. The amount of the obligation of this bond is 10% of the amount of the Contractor's Proposal, including bid alternates, and inures to the benefit of County.
2. This Bond is exonerated by (1) County rejecting said Proposal or, in the alternate, (2) if said Proposal is accepted, Contractor executes the Contract and furnishes the Bonds as agreed to in its Proposal, otherwise it remains in full force and effect for the recovery of loss, damage and expense of County resulting from failure of Contractor to act as agreed to in its Proposal. Some types of possible loss, damage and expense are specified in the Contractor's Proposal.
3. Surety, for value received, stipulates and agrees that its obligations hereunder shall in no way be impaired or affected by any extension of time within which County may accept the Proposal and waives notice of any such extension.
4. This Bond is binding on our heirs, executors, administrators, successors and assigns.

Dated: _____

Signatures:

By: _____ By: _____

Title: Attorney in Fact Title: _____
"Surety" "Contractor"

STATE OF _____ }
COUNTY _____ } ss. SURETY'S ACKNOWLEDGEMENT
OF _____ }

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/she executed the same in his/her authorized capacities, and that by his/her 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 Contractor and Surety with corporate seal affixed. All signatures must be notarized. (Attach acknowledgements).



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 3

Dated February 28, 2019

to the
Specifications and Contract Documents
for the construction of

North Indian Canyon Drive
Widening Project Phase 1
20th Avenue to 18th Avenue
Cities of Palm Springs and Desert Hot Springs
Project No. C6-0089; and

Gilman Springs Road
Resurfacing Project
Moreno Valley City Limit to State Highway 79
Gilman Hot Springs Area
Project No. C9-0059

Bids Due: (Revised)
Wednesday, March 13, 2019; 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, March 13, 2019; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

Item 2: Like Bid Items. Refer to Section 16, "Like Bid Items," of the Instructions to Bidders on page A9 of the Specifications and Contract Documents book. The following special provisions are added and modify Section 16, "Like Bid Items," hereby:

Various bid items in Base Bid Schedule 1 - North Indian Canyon Drive Widening Project and Alternate Bid Schedule 1 - Coachilling Development, are like bid items.

Base Bid Schedule 1 and Alternate Bid Schedule 1 are subject to the "Like Bid Items" requirements; corrections will apply if Like Bid items cost discrepancies are submitted.

Like Bid Items requirements are not applicable to bid items in Alternate Bid Schedules 2, 3, 4, and 5.

Item 3: Revised Proposal. Refer to "Proposal" pages B2 and B3. Delete and replace "Proposal" (pages B2 and B3) with "Proposal (Revised)" attached herewith as **Attachment "A"**.

a. The following bid items are "Like Bid Items" in Base Bid Schedule 1 and Alternate Bid Schedule 1:

Items 6 and 20,	"ROADWAY EXCAVATION"
Items 7 and 21,	"SHOULDER BACKING"
Items 8 and 22,	"CLASS 2 AGGREGATE BASE"
Items 9, and 23,	"HOT MIX ASPHALT (TYPE A)"
Items 11 and 24,	"PAVEMENT MARKER (RETROREFLECTIVE)"
Items 13 and 25,	"ROADSIDE SIGN - ONE POST"
Items 15 and 26,	"THERMOPLASTIC TRAFFIC STRIPE"
Items 16 and 27,	"THERMOPLASTIC PAVEMENT MARKING"
Items 17 and 28,	"REMOVE PAINTED TRAFFIC STRIPE"

Corrections will apply if Like Bid items cost discrepancies are submitted

b. The following additional bid schedules are incorporated in the contract and made part hereby:

Alternative Bid Schedule 3 – Gilman Springs Road Resurfacing Project, Full Road Closure

Alternative Bid Schedule 4 – Gilman Springs Road Resurfacing Project, One Lane Closure, Night Work

Alternative Bid Schedule 5 – Gilman Springs Road, Micro-surfacing Treatment, One Lane Closure

Item 4: Bid Bond Amount. Refer to section 3, "Bid Bond," on page A3 of the Instruction to Bidders.

Contractors are reminded that the basis of the selection of the lowest bid will be the lowest responsive and responsible bid for the sum of all Bid Schedules; however, for the purpose of calculating the Bid Bond Amount, that is **10%** of the total bid amount, you may use the following formula:

$$\text{Bid Bond Amount} = 10\% \text{ of } (\text{Base Bid Sch. 1} + \text{Alt. Bid Sch. 2} + 1/2 \text{ Alt. Bid Sch. 3} + 1/2 \text{ Alt. Bid Sch. 4} + \text{Alt. Bid Sch. 5})$$

Item 5: Notice to Bidders. Refer to "Notice to Bidders" on page v of the Specifications and Contract Documents book.

- The following Engineering Estimate ranges are added:

Engineering Estimate:	\$ 3,890,000 - \$ 4,540,000	(Alternative Bid 3)
	\$ 4,550,000 - \$ 5,300,000	(Alternative Bid 4)
	\$ 457,000 - \$ 533,000	(Alternative Bid 5)

Item 6: Time of Completion. Refer to Section 00-1.03 "Time of Completion," on page 2 of the special provisions. The following special provisions are added and made a part hereby:

Alternative Bid Schedule 3, Gilman Springs Road Resurfacing Project, Full Road Closure
The Contractor shall diligently prosecute the work to completion before the expiration of **21 calendar days** from the date stated in the "Notice to Proceed".

Alternative Bid Schedule 4, Gilman Springs Road Resurfacing Project, One Lane Closure
The Contractor shall diligently prosecute the work to completion before the expiration of **35 calendar days** from the date stated in the "Notice to Proceed".

Night Time Work:

Alternative Bid Schedule 4 resurfacing work on Gilman Springs Road shall be performed at night. The work hours will be **8:00 PM to 5:00 AM**.

Alternative Bid Schedule 5, Gilman Springs Road, Micro-surfacing Treatment, One Lane Closure
The Contractor shall diligently prosecute the work to completion before the expiration of **14 calendar days** from the date stated in the "Notice to Proceed".

Night Time Work:

Alternative Bid Schedule 5 micro-surfacing treatment work on Gilman Springs Road shall be performed at night. The work hours will be 8:00 PM to 5:00 AM.

Alternative Bid Schedule 5, Micro-surfacing Treatment, must be constructed concurrently with Alternative Bid Schedule 3 or 4, and must be completed on the same day or prior to the completion of Alternative Bid Schedule 3 or 4.

Item 7: Liquidated Damages. Refer to Section 00-1.04 "Liquidated Damages," on page 2 of the special provisions. The following special provisions are added and made a part hereby:

Gilman Springs Road Resurfacing Project

The Contractor shall pay to the County the sum of **\$10,000.00 per day**, for each and every calendar day's delay in finishing the work in excess of the number of working days prescribed in Time of Completion Special Provision.

Additional Liquidated Damages:

Late Reopening of Lane Closures

There are additional Liquidated Damages for late reopening of lanes for **Gilman Springs Road Resurfacing Project**. For each **15 minute interval**, or fraction thereof past the time specified to reopen all lanes to traffic, in accordance with section 12-4, Maintaining Traffic, and Section 12-5, Traffic Control System/ Public Convenience/ Public Safety, of the special provisions, the Department will deduct **\$500** per interval from moneys due or that may become due the Contractor under the contract.

Item 8: Prosecution and Progress. Refer to Section 00-1.05 "Prosecution and Progress," on page 2 of the special provisions. The following special provisions are added and made a part hereby:

The County will issue one Notice to Proceed with construction (NTP) for North Indian Canyon Drive Widening Project Phase 1, and a separate NTP for Gilman Springs Road Resurfacing project.

Item 9: Additional Insured List. Refer to Section 00-1.06 "Additional Insurance Requirements, Additional Insured List," on page 3 of the special provisions. The following entities are added to the additional insured list:

4. The City of Moreno Valley, its elected and appointed officials, employees, agents, and representatives.
5. State of California Department of Transportation (CalTrans), its elected and appointed officials, employees, agents, and representatives.

Item 10: Encroachment Permit. Refer to Section 00-1.07 "Encroachment Permit," on page 3 of the special provisions. The following special provisions are added and made a part hereby:

The Contractor must obtain Encroachment Permits from the City of Moreno Valley and from Caltrans for placing advance warning traffic control devices within their jurisdictions prior to commencing any work on Gilman Springs Road.

Contractor is required to submit Traffic Control plans to City of Moreno Valley and Caltrans for review and approval prior to issuance of Encroachment Permit.

Item 11: Progress Payment Restrictions. Refer to Section 00-1.08 "Progress Payment Restrictions," on page 4 of the special provisions.

- The following payment restrictions are added and made a part hereby:

Alternative Bid Schedule 3, Gilman Springs Road Resurfacing Project, Full Road Closure

A. Develop Water Supply	\$ 20,000.00
B. Traffic Control System	\$ 100,000.00
C. Prepare Water Pollution Control Program	\$ 10,000.00
D. Clearing and Grubbing	\$ 15,000.00

Alternative Bid Schedule 4, Gilman Springs Road Resurfacing Project, One Lane Closure

A. Develop Water Supply	\$ 20,000.00
B. Traffic Control System	\$ 300,000.00
C. Prepare Water Pollution Control Program	\$ 10,000.00
D. Clearing and Grubbing	\$ 15,000.00

- The second-to-last paragraph of Section 00-1.08 is deleted and replaced with the following paragraph:

After acceptance of the contract pursuant to the provisions in Section 5-1.46, "Final Inspection and Contract Acceptance" of the Standard Specifications, the amount, if any, payable for a contract item of work in excess of the maximum value for progress payment purposes hereinabove listed for the item, will be included for payment in the last progress estimate.

Item 12: Cooperation. Refer to Section 00-1.10 "Cooperation," on page 5 of the special provisions. The following special provisions are added and made a part hereby:

It is anticipated that work by another Contractor may be in progress adjacent to or within the limits of this project during progress of the work on this contract. The following table is a lists of contracts anticipated to be in progress during this project.

Project No./Name	Location	Type of Work
C8-0066	Gilman Springs Road and Bridge Street	Traffic signal and lighting project, with minor pavement widening at inter section
SR-60 Truck Lanes Project	State Route 60 from Gilman Springs Road to 1.4 miles west of Jack Rabbit Trail	Construction of an eastbound truck-climbing lane and westbound truck-descending lane on State Route 60, along with standard shoulders.

Coordinate field activities, schedules, and closures with the Gilman Springs Road and Bridge Street Traffic signal and lighting project, Project No. C8-0066; and with the Caltrans SR-60 Truck Lanes Project if applicable. Given the overlap with in project limits, inter-project coordination regarding schedule and closures will be essential for efficient operation and traffic handling at each project. All lane closures will be subject to coordination with the adjacent project schedule.

Item 13: Obstructions. Refer to Section 00-1.13 "Obstructions," on pages 6 through 9 of the special provisions. The following are added to the list of agencies, on pages 7 and 8, and made a part hereby:

Gilman Springs Road Resurfacing Project

Forty-eight hours prior to beginning construction, the Contractor shall notify the following agencies:

Underground Service Alert	811
Southern California Edison Company (In case of Emergency only: 800-611-1911)	800-655-4555
Southern California Gas Company (In case of Emergency only: 800-427-2200)	909-335-7566
Verizon Communications	909-397-0042
Time Warner Cable / Spectrum (In case of Emergency only: 844-780-6054)	951-393-3158
Eastern Municipal Water District, contact Armando Arroyo (In case of Emergency only: (951)928-3777, Ext. 6265)	(951)928-3777, Ext. 4480
Metropolitan Water District (MWD) (In case of Emergency only: contact John Osornia 951-710-5570 or dial 626-844-5610)	213-217-6961
Box Springs Mutual Water Co.	951-653-6419
City of Moreno Valley	951-413-3100
Sprint Communication Company, contact Jeff York	858-526-7533

Item 14: Bid Items and Applicable Sections. Refer to Bid Items and Applicable Sections table in Section 1-1.01 of the special provisions, page 13. The following items are added to the list and made a part hereby:

Item code	Item description	Applicable section
013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	39
013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6") AND [TYPE C AND E]	39

Item 15: Order of Work. Refer to Section 10-1.02 "Work Sequencing," on pages 14 and 15 of the special provisions.

- Clarification – Staging paragraph on page 15 is only applicable to the North Indian Canyon Drive widening project.
- The following special provisions are added and made a part hereby:

Resurfacing of Gilman Springs Road near Bridge Street

Gilman Springs Road resurfacing work nearby the intersection of Bridge Street must start after minor pavement widening work is completed by the Traffic Signal contractor. Refer to updates made by this addendum to Section 00-1.10 "Cooperation," of the special provisions, the Contractor is required to coordinate field activities with other Contractor.

Night Time Work – Alternative Bid Schedule 4

Attention is directed to "Maintaining Traffic" of these special provisions regarding Alternative Bid

Schedule 4, Gilman Springs Road Resurfacing Project, One Lane Closure.

Should the County decide to award Alternative Bid Schedule 4, resurfacing work for Gilman Springs Road shall be performed at night. The work hours will be 8:00 PM to 5:00 AM. One paved lane for traffic in each direction shall be maintained at all times. Contractor shall place the first lift of HMA and provide temporary AC transitions so all lanes are open to traffic each day by 5:00 AM. The contractor shall have no vertical drops between drive lanes during non-working hours.

Attention is directed to "Liquidated Damages" of these Special Provisions. There are substantial liquidated damages for each 15 minute interval of late reopening of lane closures.

Anticipated Completion of Gilman Springs Road Resurfacing

Work on Gilman Springs Road is anticipated to be completed before July 30, 2019.

Item 16: Construction Project Funding Signs. Refer to Section 12-2, "Construction Project Funding Signs," on pages 15 and 16 of the special provisions. The following special provisions are added and made a part hereby:

Gilman Springs Road Resurfacing Project – Construction Project Funding Signs

The Contractor must furnish, install, and maintain FOUR (4) Construction Project Funding Signs (4' X 8').

A reference exhibit displaying the text and colors of the sign will be provided to the Contractor prior to construction. The Contractor shall submit a copy of the final sign design for approval by the Engineer prior to fabrication. After initial approval from engineer, the Contractor shall submit the final sign design in the form of an editable picture file in .eps format – Encapsulated PostScript file.

The signs shall be installed at locations to be determined by the Engineer, within or near the project limits, in accordance with the relevant requirements of Section 82-3, Roadside Signs, of the Standard Specifications and the appropriate details of Standard Plans RS1 through RS4 for two post installation of signs, and as directed by the Engineer.

At the completion of the project, the signs will become property of the County. When directed by the Engineer, the Contractor shall remove all hardware from the signs. Posts and hardware shall become the property of the Contractor. The Contractor shall deliver and off-load the signs to the address listed below or as directed by the Engineer:

Traffic Signal Shop
Riverside County Transportation Department
McKenzie Highway Operations Center
2950 Washington Street
Riverside, California 92504
Telephone (951) 955-6894

Payment:

Full compensation for furnishing, installing, and maintaining Construction Project Funding Signs for Gilman Springs Road Resurfacing Project, including all labor, materials, tools, equipment, incidentals and for doing all the work including sign installation, transportation, maintenance, removal, delivery, excavation and backfill as specified in the Standard Specification and these Special Provisions shall be considered as included in the contract price paid per lump sum for

Traffic Control System and no additional compensation will be allowed therefor.

Item 17: Portable Changeable Message Signs. Refer to Section 12-3.32C, "Portable Changeable Message Signs," on page 16 of the special provisions. The following special provisions are added and made a part hereby:

Gilman Springs Road Resurfacing Project – Alternative 3 and Alternative 4

A minimum of six (6) portable Changeable Message Signs (PCMS) shall be furnished, placed, operated and maintained at those locations shown on the approved Traffic Control Plans or where designated by the Engineer in conformance with the provisions in Section 12, "Temporary Traffic Control" of the Standard Specifications and these Special Provisions.

Start displaying the message on the portable changeable message signs 2 weeks prior to start of construction.

Gilman Springs Road, Micro-surfacing Treatment – Alternative 5

A minimum of three (3) portable Changeable Message Signs (PCMS) shall be furnished, placed, operated and maintained at those locations shown on the approved Traffic Control Plans or where designated by the Engineer in conformance with the provisions in Section 12, "Temporary Traffic Control" of the Standard Specifications and these Special Provisions.

Start displaying the message on the portable changeable message signs 2 weeks prior to start of construction.

Payment:

Full compensation for portable changeable message signs shall include all labor, materials, tools, equipment and incidentals, and for doing all work involved in furnishing, placing, operating, maintaining, repairing, transporting from location to location and removing portable changeable message signs as directed by the Engineer shall be considered as included in the lump sum price paid for Traffic Control System and no additional compensation will be allowed therefor.

Item 18: Maintaining Traffic. Refer to Section 12-4, "Maintaining Traffic," on pages 16 and 17 of the special provisions. The following special provisions are added and made a part hereby:

Alternative Bid Schedule 3, Gilman Springs Road Resurfacing Project, Full Road Closure
Working hours shall be 24 hours a day from Sunday through Saturday including legal holidays.

Alternative Bid Schedule 4, Gilman Springs Road Resurfacing Project, One Lane Closure
Daily working hours shall be between the hours of 8:00 p.m. and 5:00 a.m., Sunday through Saturday, including legal holidays. Exceptions and specific work schedules shall be submitted to the Engineer for consideration.

Alternative Bid Schedule 5, Gilman Springs Road, Micro-surfacing Treatment
Daily working hours shall be between the hours of 8:00 p.m. and 5:00 a.m., Sunday through Saturday, including legal holidays. Exceptions and specific work schedules shall be submitted to the Engineer for consideration.

Item 19: Traffic Control System/ Public Convenience/ Public Safety. Refer to Section 12-5, "Traffic Control System/ Public Convenience/ Public Safety," on pages 18 and 19 of the special provisions.

- The following special provisions are added and made a part hereby:

Alternative Bid Schedule 3, Gilman Springs Road Resurfacing Project, Full Road Closure

A concept detour plan is provided by the County to be updated by the Contractor as necessary.

Any revisions to the concept detour plans shall be submitted by the Contractor for review and approval by the County, and by Caltrans when applicable, at least two weeks prior to the start of construction. Revisions to the plans shall be prepared, signed and stamped by a Civil Engineer or Traffic Engineer who is registered as such in the State of California, unless otherwise specifically allowed by the Engineer. Construction shall not begin until the Engineer provides Contractor with County approval of revised plans.

Alternative Bid Schedule 4, Gilman Springs Road Resurfacing Project, One Lane Closure; and Alternative Bid Schedule 5, Gilman Springs Road, Micro-surfacing Treatment

Should the County decide to award Alternative Bid Schedule 4 and 5, resurfacing work and micro-surfacing treatment for Gilman Springs Road shall be performed at night. County will allow one lane closure of Gilman Springs Road during the permitted night hours of work, 8:00 PM to 5:00 AM. One paved lane for traffic in each direction shall be maintained at all times. Contractor shall place the first lift of HMA and provide temporary AC transitions so all lanes are open to traffic each day by 5:00 AM. The contractor shall have no vertical drops between drive lanes during non-working hours.

For Alternative Bid Schedule 3 or 4

A minimum of six (6) portable Changeable Message Signs (CMS) shall be furnished, placed, operated and maintained at those locations shown on the approved Traffic Control Plans or where designated by the Engineer in conformance with the provisions in Section 12, "Temporary Traffic Control" of the Standard Specifications and these Special Provisions.

The Contractor shall notify the County, and update portable changeable message signs, 14 calendar days prior to construction.

For Alternative Bid Schedule 5

A minimum of three (3) portable Changeable Message Signs (CMS) shall be furnished, placed, operated and maintained at those locations shown on the approved Traffic Control Plans or where designated by the Engineer in conformance with the provisions in Section 12, "Temporary Traffic Control" of the Standard Specifications and these Special Provisions.

The Contractor shall notify the County, and update portable changeable message signs, 14 calendar days prior to construction.

- The following special provisions are added under subsection 12-5.04, "Public Outreach," and made a part hereby:

For Gilman Springs Road Resurfacing Project

The Contractor shall be responsible for coordinating any public outreach issues with the County Consultant and the Engineer.

County has contracted with a Consultant to do a publicity campaign for these projects. The Contractor shall be responsible to coordinate with the County Consultant for the distribution of an information letter pertaining to the planned work to all affected residences and businesses, at least one week prior to commencing work adjacent to those residences and businesses. It shall be the responsibility of the Contractor to coordinate with the County Consultant to prepare, print sufficient copies, and distribute the letter. The Transportation Department logo shall be included on the letter. A computer file of the logo may be obtained from the Engineer in .WPG, .DXF, .DGN or .DWG format. The letter shall be similar to the sample provided by the Engineer, and shall include a project description, the scope of work, the anticipated construction schedule, and other information as appropriate.

The information letter shall be approved by the Engineer prior to distribution.

The Contractor shall be responsible to distribute an information letter pertaining to the planned work to all affected residences and businesses in accordance with Section 00-1.11 NOTICE TO PROPERTY OWNERS.

If necessary, the Contractor shall make a representative available to attend community meetings in order to inform the residents of the progress of the project, to provide information on lane closures, and to answer questions.

Item 20: Water Pollution Control (Santa Ana Region). Refer to Section 13, "Water Pollution Control," on pages 20 through 23 of the special provisions. The following special provisions are added and made a part hereby:

**13-1.01 Water Pollution Control – Gilman Springs Road Resurfacing Project and
Micro-surfacing Treatment**

13-1.01(A) General

WATER POLLUTION CONTROL (SANTA ANA REGION):

Throughout the term of this contract, the total land disturbance area of shall be less than 1 acre. Contractor shall prepare a Water Pollution Control Program (WPCP).

The Contractor shall comply the Area-Wide Municipal Stormwater Permit NPDES No. CAS 618033, hereafter referred to in this section as the "Municipal Permit", issued by the California Regional Water Quality Control Board (CRWQCB) – Santa Ana Region. This Permit regulates both stormwater and non-stormwater discharges associated with Contractor's construction activities. A copy of the Permit may be obtained at the office of the County of Riverside Transportation Department, 14th Street Transportation Annex, 3525 14th Street, Riverside, California. (951) 955-6780, or may be obtained on the internet at:
<http://www.waterboards.ca.gov/santaana/>

The Contractor shall comply with the requirements of the Municipal Permit, and all other applicable federal, state and local laws, ordinances, statutes, rules, and regulations concerning water pollution control.

The WPCP shall include Fact Sheets for all selected project BMPs.

Contractor's Water Pollution Control Program (WPCP) shall be prepared by a Qualified SWPPP Developer in accordance with Section 3, "Preparing a Water Pollution Control Program (WPCP)", of the *Caltrans Stormwater Pollution Prevention Plan (SWPPP) and Water Pollution Control Program (WPCP) Preparation Manual*, which is available as a free download from:

<http://www.dot.ca.gov/hq/construc/stormwater/manuals.htm>

Contractor's QSD must use the most current Caltrans Water Pollution Control Program (WPCP) template. An electronic template prepared to assist construction contractors in their preparation of WPCP is available at:

<http://www.dot.ca.gov/hq/construc/s tormwater/>

13-1.01(B) Water Pollution Control Measures

- A. Work having the potential to cause water pollution shall not commence until the Contractor's WPCP has been reviewed and approved by the Engineer. The Engineer's review and approval of the Contractor's WPCP shall not waive any contractual requirements and shall not relieve the Contractor from achieving and maintaining compliance with all federal, state, and local laws, ordinances, statutes, rules, and regulations. A copy of Contractor's WPCP shall be maintained onsite. When the WPCP or access to the construction site is requested by a representative of a federal, state, or local regulatory agency, Contractor shall make the WPCP available and Contractor shall immediately contact the Engineer. Requests from the public for the Contractor's WPCP shall be directed to the Engineer.
- B. Contractor's WPCP shall describe the Contractor's plan for managing run-on and runoff during each construction phase. Contractor's WPCP shall describe the Best Management Practices (BMPs) that will be implemented to control erosion, sediment, tracking, construction materials, construction wastes, and non-stormwater flows. BMP details shall be based on the Caltrans Construction Site BMP Manual (<http://www.dot.ca.gov/hq/construc/stormwater/manuals.htm>). Contractor's WPCP shall describe installation, operation, inspection, maintenance, and monitoring activities that will be implemented for compliance with the Municipal Permit and all applicable federal, state, and local laws, ordinances, statutes, rules, and regulations related to the protection of water quality.
- C. The Contractor's WPCP preparer shall have been trained to prepare WPCPs or SWPPPs and shall have previous experience with preparing SWPPP or WPCP requirements on a previous project.

The Contractor shall designate a Water Pollution Control Manager that shall have been trained to implement WPCP or SWPPP requirements. Contractor's Water Pollution Control Manager shall:

1. Be responsible for all water pollution control work.
2. Be the Engineer's primary contact for all water pollution control work.
3. Have the authority to mobilize resources (crews, supplies, equipment, etc.) to make immediate repairs of water pollution control measures or to supplement water pollution

control measures to maintain compliance with all federal, state, and local laws, ordinances, and regulations related to the protection of water quality, including the Municipal Permit.

The WPCP shall contain all required and applicable certifications and evidence of training for the Water Pollution Control Manager, WPCP Developer, and all other employees working on the project receiving formal training or certification.

- D. Water Pollution Control Training: Contractor shall provide water pollution control training to Contractor's employees and subcontractors prior to performing work on the work site. The water pollution control training shall be appropriate to the employee or subcontractor function and area of responsibility and shall address (as applicable):
1. Erosion Control (water and wind)
 2. Sediment Control
 3. Tracking Control
 4. Materials & Waste Management
 5. Non-Stormwater Discharge Management
 6. Run-on and Run-off Control
- E. Monitoring and Reporting: Observations and inspections conducted by the Contractor's Water Pollution Control Manager shall be documented on the Construction Site Inspection Checklist included in Contractor's WPCP. A copy of each completed Construction Site Inspection Checklist shall be submitted to the Engineer within 24 hours of conducting the inspection.

13-1.01(C) General Requirements

In the event the County incurs any Administrative Civil Liability (fine) imposed by the CRWQCB – Santa Ana Region, the State Water Resources Control Board, or EPA, as a result of Contractor's failure to fully implement the provisions of "Stormwater and Non-Stormwater Pollution Control", the Engineer, may, in the exercise of his sole judgment and discretion, withhold from payments otherwise due to Contractor a sufficient amount to cover the Administrative Civil Liability including County staff time, legal counsel, consultant support costs and all other associated cost.

The Contractor shall be responsible for all costs and for any liability imposed by law as a result of the Contractor's failure to comply with the requirements set forth in "Water Pollution Control", including but not limited to, compliance with the applicable provisions of the Caltrans Handbooks, Municipal Permit, Federal, State, and local regulations. For the purpose of this paragraph, costs and liabilities include, but not limited to, fines, penalties, damages, and costs associated with defending against enforcement actions whether taken against the County or the Contractor, including those levied under the Federal Clean Water Act and the State Porter-Cologne Water Quality Act.

13-1.01(D) Submittals

Within fifteen (15) working days after the award of the contract, the Contractor shall submit two (2) copies and one pdf. file of the WPCP to the Engineer for review and approval. The Contractor shall allow ten (10) working days for the Engineer to review the WPCP. If revisions are required as determined by the Engineer, the Contractor shall revise and resubmit the WPCP within three (3) working days of receipt of the Engineer's comments and shall allow ten (10) working days for the Engineer to review the revisions. The Contractor shall submit four (4) copies of the approved

WPCP and one .pdf file to the Engineer prior to notice to proceed. The Contractor must have an approved WPCP prior to the notice to proceed.

13-1.01(E) WPCP Implementation

Unless otherwise directed by the Engineer or specified in these Special Provisions, the Contractor's responsibility for WPCP implementation shall continue throughout any temporary suspension of work ordered in accordance with Section 8-1.05, "Temporary Suspension of the Work", of the Standard Specifications. The Engineer may withhold progress payments or order the suspension of construction operations without an extension of the contract time, if the Contractor fails to comply with the requirements of "Water Pollution Control" as determined by the Engineer.

All BMP repairs shall be implemented by the Contractor within 72 hrs of notification by Engineer.

13-1.01(F) Additional Liquidated Damages:

If the Contractor fails to comply with the requirements of Special Provisions Section 13, "Water Pollution Control", all referenced requirements in this section, and the approved Water Pollution Control Program, the Contractor shall pay to the County of Riverside the sum of **\$500.00** per day for each and every working day after the expiration of 72 hours written notification from the Engineer.

13-1.01(G) Payment

Payment for Prepare Water Pollution Control Program shall be on a lump sum basis as listed in bid proposal as Prepare Water Pollution Control Program and shall include full compensation for the work performed, including, developing, preparing, revising, obtaining approval of, and amending the WPCP, implementing, installing, constructing, operating, maintaining, and removing and disposing of temporary BMPs, performing the observations, inspections, sampling, analysis, reporting, and street sweeping, and as specified in the Caltrans Handbooks, Municipal Permit and these Special Provisions, and as directed by the Engineer.

Item 21: Environmental Stewardship. Refer to Sections 14-2, "Cultural Resources," 14-6, "Biological Resources," 14-11, "Hazardous Waste and Contamination," and 14-12, "Other Agency Regulatory Requirements," on pages 24 through 29 of the special provisions.

Clarification – Sections 14-2, "Cultural Resources," 14-6, "Biological Resources," 14-11, "Hazardous Waste and Contamination," and 14-12, "Other Agency Regulatory Requirements," are only applicable for North Indian Canyon Drive, Widening Project Phase 1.

Item 22: Clearing and Grubbing. Refer to Sections 17-2, "Clearing and Grubbing," on pages 29 and 30 of the special provisions.

- Add the following paragraph after the first paragraph of Section 17-2:

For Gilman Springs Road Resurfacing Project

Clearing and grubbing activities shall include but not be limited to **removing and disposing of weeds, grasses, shrubs, roots, grading areas adjacent to the road within the footprint of**

the project, and removing existing dike as shown on Gilman Springs Road Resurfacing project plans.

- Add the following payment paragraph in sub-section 17-2.04 on page 30:

For Gilman Springs Road Resurfacing Project

Full compensation, except as otherwise provided herein, for conforming to the requirements of this article including all labor, equipment, materials and incidentals, for performing clearing and grubbing including but not limited to **removing and disposing of weeds, grasses, shrubs, roots, grading areas adjacent to the road within the footprint of the project, and removing existing dike as shown on Gilman Springs Road Resurfacing project plans** shall be considered as included in the contract price paid per lump sum for Clearing and Grubbing and no additional compensation will be allowed therefor.

Item 23: Asphaltic Emulsion (Fog Seal Coat). The following Special Provisions are added and made part hereby:

37 BITUMINOUS SEALS

Add to Section 37-2.02, Fog Seal Coat

Fog seal coat shall conform to the provisions in Section 37-2, "Seal Coats," of the Standard Specifications and these special provisions.

Asphaltic emulsion for fog seal coat shall be SS1-h asphaltic emulsion and shall conform to Section 94, "Asphaltic Emulsions" of the Standard Specifications and these Special Provisions.

The contractor will be required to apply fog seal at the areas shown on the plans and as directed by the Engineer, in conformance with the requirements of Section 37, Bituminous Seals, of the Standard Specifications and these Special Provisions.

Full compensation for the removal of existing traffic stripes, pavement markings and pavement markers located within the areas receiving fog seal coat shall be considered as included in the contract price paid per square yard for Asphaltic Emulsion (fog seal coat).

Traffic stripes over rumble strips shall be removed using sandblasting.

Payment:

Asphaltic emulsion (fog seal coat) will be paid for at the contract price per square yard and the price shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved in applying asphaltic emulsion (fog seal coat), complete in place, as shown on the plans, and as specified in the Standard Specifications, these Special Provisions, and as directed by the Engineer.

Water furnished and applied to tacky emulsion and for mixing with an asphaltic emulsion will not be paid for and full compensation therefor will be considered as included in the contract price paid for the asphaltic emulsion.

Item 24: Micro-surfacing. The following Special Provisions are added and made part hereby:

37 BITUMINOUS SEALS

37-3 SLURRY SEAL AND MICRO-SURFACING

Add to Section 37-3.01, General:

37-3.01 GENERAL

The Contractor shall apply Micro-surfacing in accordance with Section 37-3, "Slurry Seal and Micro-Surfacing" of the Standard Specifications and the following provisions.

Micro-surfacing 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.

Micro-surfacing 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 TP 5	Report Only
Penetration @ 77°F (25°C)	AASHTO T 49	40-90
Phase Angle @ 50°C, 10 rad/sec, PA (max) - PA base	AASHTO TP 5	Report Only
Softening Point, min.	AASHTO T 53	135°F (57°C)
Stiffness @ -12°C, MPa, and M-value	AASHTO TP 1	Report Only

Polymers shall be milled or blended into the asphalt or blended into the emulsifier solution prior to the emulsification process. MSE shall contain a minimum of 3 percent polymer solids based on the weight of residual asphalt and shall be certified by the MSE supplier.

Aggregate grading for Micro-surfacing shall be Type II in accordance with Section 37-3.02, "Materials" of the Standard Specifications. The aggregate quality shall conform to the following provisions.

Aggregate Quality

Test	California Test	Requirement
Sand Equivalent, min.	217	65
Durability Index, min.	229	55
Percentage of Crushed Particles, min. ¹	205	100%
Los Angeles Rattler Loss at 500 Rev., max. ²	211	35%

Notes:

1. California Test 205, Section D, is amended to read: "Any particle having 2 or more freshly, mechanically fractured faces shall be considered a crushed particle."
2. California Test 211, Los Angeles Rattler, shall be performed on the parent aggregate before crushing

The Micro-surfacing mix design shall conform to Section 37-3.02C. The laboratory that performed the tests and designed the mixtures shall sign the laboratory report. The report shall show the results of the tests on individual materials and shall compare their values to those required by these Special Provisions. The report shall clearly show the proportions of aggregate, water (minimum and maximum), additive usage, mineral filler (minimum and maximum), and MSE residual asphalt content (minimum and maximum) based on the dry weight of aggregate. The laboratory shall report the quantitative effects of moisture content on the unit weight of the aggregate (bulking effect) in conformance with the requirements of ASTM C29M. Previous laboratory reports covering the same materials may be accepted provided the material test reports were completed within the previous 12 months.

Once the mix design is approved by the Engineer, no substitution of other material will be permitted unless the materials proposed for substitution are first tested and a laboratory report is submitted for the substituted design in conformance with these special provisions. Substituted materials shall not be used until the mix design for those materials has been approved by the Engineer.

Micro-surfacing shall be spread at the rates of pounds of dry aggregate per square yard shown in the following table.

Micro-surfacing Spread Rates

Micro-surfacing Type	Location	Spread Rate (lbs/yd²)
Type II	Full Lane Width	18-24

Micro-surfacing shall not be placed when either the ambient or pavement temperature is below 50°F, above 100°F or during unsuitable weather.

Crack treatment is required prior to slurry sealing and shall conform to Section 37-5, "Crack Treatment" of the Standard Specifications.

Full compensation for the removal of existing traffic stripes, pavement markings and pavement markers located within the areas receiving micro-surfacing shall be considered as included in the contract price paid per ton for Micro-Surfacing.

Traffic stripes over rumble strips shall be removed using sandblasting.

Replace Section 37-3.04, Payment with:

Payment:

The contract bid price paid per ton for Micro-surfacing shall include full compensation for furnishing all labor, tools, materials, equipment, and incidentals, and for doing all the work involved applying Micro-surfacing and no additional compensation will be allowed. Micro-surfacing will be measured by the combined weight of the tons of dry aggregate and the tons of MSE used in the Micro-surfacing mixture placed and accepted by the Engineer. The weight of added water, additives, and mineral filler used in the Micro-surfacing mixture will not be included in the weight measured for payment. No deduction will be made for water in the aggregate and MSE.

Item 25: Crack Treatment. The following Special Provisions are added and made part hereby:

37-5 CRACK TREATMENT

Add following to section 37-5.01 GENERAL

ROUT AND SEAL RANDOM CRACKS/FILL POTHOLES

Crack Treatment shall conform to section 37-5 of the Standard Specifications and as directed by engineer.

Herbicide shall be applied prior to the crack treatment operation.

All cracks shall be filled with a rubberized asphalt material that has a minimum softening point temperature of 200^o Fahrenheit and a safe heating temperature of 380^o Fahrenheit, or as otherwise directed by the Engineer.

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 will not require crack sealing for the crack size specified of 1/8 inch to 3/8 inch wide.
2. Cracks that are more than 3/8 inch but less than 3/4 shall be cleaned for the entire crack depth using sandblasting, brushing and hot air blowing techniques, as required to provide a crack free from all debris, dust, loose material and moisture. Gauging or plowing may be required to remove incompressible deep in the crack. The clean crack shall be filled with sealant, from the bottom up to surface level, in a manner which does not result in sealant bridging or entrapped air pockets. With deep cracks, settlement of sealant may occur, thus requiring application of a second layer of sealant material. For cracks with depressed surfaces on each side of the crack shall be over filled beyond level with pavement surface and then squeezed to fill in depressed area. No more than a 2" wide and 1/16" thick strip of material may be applied to the pavement surface. The crack seal for the specified width of 3/8 inch to 3/4 inch shall apply to all pavement surfaces receiving the Fog Seal and Micro-surfacing treatment.

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 Fog Seal and Micro-surfacing treatment.
4. No fog seal, micro-surfacing 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.

Replace section 37-5.04 Payment with the following

37-5.04 PAYMENT

Full compensation for crack treatment will be paid per lump sum and shall include full compensation for all the work performed including crack cleaning, spraying weed killer, crack filling, as specified in the Standard Specifications, these Special Provisions, and as directed by the Engineer and no additional compensation will be allowed therefor.

Item 26: Asphalt Concrete Leveling Course. The following Special Provisions are added and made part hereby:

Hot Mix Asphalt (Leveling)

A leveling course consisting of a thin layer of Hot Mix Asphalt shall be placed to correct minor variations in the longitudinal and transverse profile of the pavement before placement of other pavement layers.

Leveling course HMA shall conform to the provisions for Hot Mix Asphalt Type A found in Section 39-2, "Hot Mix Asphalt" of the special provisions.

For the leveling course, the grade of asphalt binder for the HMA must be PG 64-10.

The aggregates for the leveling course shall be 3/8" and must comply with the gradation specifications for Type A HMA in sub-section 39-2.01(1a.4), "Aggregate." Reclaimed asphalt pavement will not be allowed in the HMA leveling course.

Prior to placement of leveling course HMA, the Contractor shall remove existing pavement markers and thermoplastic pavement markings.

Payment:

The contract bid price paid per ton for Hot Mix Asphalt (Leveling) shall include full compensation for furnishing all labor, tools, materials, equipment, and incidentals, and for doing all the work involved including the sampling and testing of HMA quality characteristics, and furnishing and applying asphaltic emulsion (paint binder/tack coat).

Full compensation for removals of existing pavement markers and thermoplastic pavement markings prior to placement of leveling course shall be considered as included in the contract price paid per ton for Hot Mix Asphalt (Leveling) and no additional compensation shall be allowed therefor.

Item 27: Asphalt Concrete. Refer to Section 39-2, "Hot Mix Asphalt," on pages 34 through 47 of the special provisions. The following Special Provisions are added and made part hereby:

- Add the following to sub-section 39-2.01, "Hot Mix Asphalt" on page 34:

Gilman Springs Road:

This work includes producing and placing hot mix asphalt (HMA) Type A and rubberized hot mix asphalt (RHMA) Type G.

- Add the following to sub-section 39-2.01(1a.3), "Asphalt Binder" on page 34:

Gilman Springs Road:

The grade for asphalt binder in HMA and Leveling Course shall be PG 64-10.

The grade for asphalt rubber binder in RHMA Type G shall be PG 64-16. The asphalt rubber binder shall meet the requirements in Section 39-2.03A(4)(e)(ii) of the Standard Specifications.

- Add the following table to sub-section 39-2.01(1a.4), "Aggregate" on page 34:

Gilman Springs Road:

HMA Type	Gradation
Type A	3/8-inch and 3/4-inch
RHMA Type G	1/2-inch

- Add the following spec and table to sub-section 39-2.01(1a.4), "Aggregate" on page 35:

Gilman Springs Road:

The aggregate gradation for RHMA Type G shall be within the target value (TV) limits for the specified sieve size shown in the following table.

**Aggregate Gradation
 (Percentage Passing)**

1/2-inch RHMA Type G

Sieve sizes	TV limits	Allowable tolerance
3/4"	100	--
1/2"	90-100	TV ± 6
3/8"	83-87	TV ± 6
No. 4	28-42	TV ± 7
No. 8	14-22	TV ± 5
No. 200	0-6.0	TV ± 2

- Add the following to sub-section 39-2.01(1a.3), "Reclaimed Asphalt Pavement" on page 36:

RAP will not be used in RHMA Type G.

- Add the following to sub-section 39-2.01(1d), "Construction," on page 37:

Construction of RHMA shall be in conformance with the provisions of Section 39-2.03C, "Construction" of the Standard Specifications and these Special Provisions.

- Add the following after the first paragraph in sub-section 39-2.01(1d.5), "Placing HMA," on page 39:

Construction of RHMA shall be in conformance with the provisions of Section 39-2.03C, "Construction" of the Standard Specifications and these Special Provisions.

- Add the following to sub-section 39-2.01(1d.6b), "HMA Production," on page 39:

The RHMA production shall comply with the provisions of Section 39-2.03B(5) of the Standard Specification and the provisions of these Special Provisions.

- Delete the table in sub-section 39-2.01(1d.6e), "Compaction," in page 42, and replace with the following:

HMA and RHMA Relative Compaction Requirements

HMA Type	Minimum Pave Thickness (ft)	Relative Compaction (%)
Type A, (3/8-inch and 3/4inch)	0.15*	91-97
RHMA Type G (1/2-inch)	0.15	91-97

*Minimum pave thickness for Type A, 3/8-inch HMA is 0.10 ft.

- Add the following to sub-section 39-2.01(1e), "Payment," on page 46:

The contract bid price paid per ton for Rubberized Hot Mix Asphalt Type G (RHMA-G) shall include full compensation for furnishing all labor, tools, materials, equipment, and incidentals, and for doing all the work involved in placing RHMA-G complete in-place including header cutting as directed by the Engineer, furnishing and spreading sand cover, sampling and testing of RHMA-G quality characteristics, sampling and testing of density cores, profilographs, and furnishing and applying asphaltic emulsion (paint binder/tack 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.

Item 28: Miscellaneous Areas and Dikes. The following Special Provisions are added and made part hereby:

Add to Section 39-2.01C(9), Miscellaneous Areas and Dikes:

39-2.01C(9)A Miscellaneous Areas and Dikes

For Gilman Springs Road resurfacing project, Miscellaneous Areas consist of: AC overside drains, and other AC areas as shown on the plans.

Asphalt concrete dike and miscellaneous areas (**AC overside drains and other AC areas as shown on the plans**) shall conform to the applicable provisions in Section 39-2, "Hot Mix Asphalt", of the Standard Specifications, in accordance to the applicable Standards Plans and details shown in the plans, these Special Provisions, and as directed by the Engineer.

This work includes producing and placing hot mix asphalt (HMA) **Type A**.

Asphalt binder to be mixed with the aggregate for AC Dike and miscellaneous areas shall be PG 70-10.

The pay quantity of asphalt concrete dike, asphalt concrete overside drain and asphalt concrete driveway shall be for placement only.

The Asphalt Concrete material used for construction of AC Dike, **AC overside drains and other AC areas as shown on the plans** shall be paid separately as part of the Hot Mix Asphalt bid item.

Hot mix asphalt dikes placed, will be measured along the completed length.

Placing of hot mix asphalt dike, **AC overside drains and other AC areas as shown on the plans** shall conform to Section 39-2.01C(9) of Standard Specification and these Special Provisions.

Full compensation for all necessary AC Dike transitions between different types of dike shall be included in the contract price paid per linear foot for Place Asphalt Concrete Dike (CRS 212) (6") and [TYPE C and E].

Transitions from AC Dike to AC Overside Drains and Down Drains shall be considered as included in the contract price paid per each for Asphalt Concrete Overside Drain.

39-2.01C(9)B Payment

The contract unit bid price paid per each for Asphalt Concrete Overside Drain (CRS 306), per linear foot for Place Asphalt Concrete Dike (CRS 212) (6") and [TYPE C and E]; and per square yard for Place Hot Mix Asphalt (Miscellaneous Area), shall include full compensation for furnishing all labor, material (other than Hot mix Asphalt Concrete), tools, and equipment and doing all the work involved in placing and compacting and no additional compensation will be allowed therefor.

Item 29: Cold Planing Asphalt Concrete. The following Special Provisions are added and made part hereby:

Add to Section 39-3.04 Cold Planing Asphalt Concrete Pavement:

39-3.04 Cold Planing Asphalt Concrete Pavement

39-3.04A General

The Contractor shall cold plane the asphalt concrete pavement to a depth and width as shown on the plans or as directed by the Engineer.

Header cuts for driveways and street tie-ins must be a minimum of 15-feet, and a minimum of 60-feet for side streets and at the beginning and end of overlay areas to a depth of 0.27'.

As directed by the Engineer, roadway areas in need of repair shall be cold planed to a depth of 0.50'.

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.

39-3.04C 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 conforming to the typical cross sections. 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 AC by milling may damage the base, if pavement base is damaged during milling process, you must re-compact or reconstruct the damaged portion of roadway as directed by Engineer. If reconstruction is required replace the sub base layer with 0.60' of aggregate base and re-compact it to 95%.

The contractor shall have no vertical drops between drive lanes, resulting from Grinding Asphalt Concrete/Cold Planing operation during non-working hours.

39-3.04D Payment

Cold Plane Asphalt Concrete Pavement will be paid for at the square yard price bid 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 project area is included in the payment for cold plane asphalt concrete pavement. No additional compensation will be allowed.

Item 30: Corrugated Steel Pipe Downdrain. The following Special Provisions are added and made part hereby:

69 OVERSIDE DRAINS

Add following to section 69-1.02B, Steel Pipe Overside Drain

CORRUGATED STEEL PIPE (CSP):

Corrugated steel pipes shall conform to the provisions in Section 66, "Corrugated Metal Pipe" and Section 69, "Overside Drains" of the Standard Specifications, these Special Provisions, the plans, and as directed by the Engineer.

Corrugated steel pipe shall be fabricated from zinc-coated steel sheet.

Band couplers for pipe arches shall be not less than twelve inches (12") in width.

All hardware, sawcut and removal of extension required to extend CSP where needed shall be considered as included in the contract unit bid prices paid per linear foot for Corrugated Steel Pipe of the types specified in the bid proposal.

Existing PCC where interfere with the installation of CSP shall be sawcut, remove and dispose of by the Contractor. Full compensation for sawcutting, removing and disposing of excess material shall be considered as included in the contract unit bid prices paid per linear foot for Corrugated Steel Pipe of the types specified in the bid proposal.

Removal of existing CSP where shown on the plan to remove or replace shall be removed and replaced with proposed CSP. Full compensation to remove and disposing existing CSP shall be considered as included in the per unit bid price paid for CSP as listed in the bid proposal and no additional compensation will be allowed.

Downdrain:

Corrugated steel pipe downdrain shall be installed where shown on the plan and as directed by Engineer.

All hardware shown on the standard plans and construction plans, sawcut and removal for the extension required to extend CSP downdrains including downdrain adjustment as needed, and to protect existing downdrain, shall be considered as included in the contract unit bid prices paid per each for Corrugated Steel Pipe for downdrain as specified in the bid proposal.

Payment:

The contract unit bid price paid per each for Corrugated Steel Pipe Downdrain shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved including all hardware, grading of a flow line to the proposed CSP and disposing of any excess soil material resulting from the grading of flow line and the removal of the existing culvert and as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer no additional compensation will be allowed therefor.

Item 31: Guard Railing Delineators. The following Special Provisions are added and made part hereby:

Add to section 81-2.01, General:

GUARD RAILING DELINEATORS:

Guard railing delineator shall be installed on every other post.

Guard railing delineators shall conform to the provisions in Section 81, "Miscellaneous Traffic Control Devices," and Section 81-2, "Delineators" of the Standard Specifications, Caltrans standard plan No. A77N4, and these special provisions.

Flexible posts shall be made from a flexible white plastic which shall be resistant to impact, ultraviolet light, ozone, and hydrocarbons. Flexible posts shall resist stiffening with age and shall be free of burns, discoloration, contamination, and other objectionable marks or defects which affect appearance or serviceability.

Retroreflective sheeting for metal and flexible target plates shall be the retroreflective sheeting designated for channelizers, markers, and delineators conforming to the requirements in ASTM Designation: D 4956-95 and in conformance with the provisions in "Prequalified and Tested Signing and Delineation Materials".

Payment:

Full compensation for Guard Railing Delineator and object markers shall be considered as included in the contract price paid per linear foot for Midwest Guardrail System; and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, required in the installation of guard railing delineators as shown on the standard plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer. No additional compensation will be allowed therefor.

Item 32: Remove Pavement Markers. The following Special Provisions are added and made part hereby:

81-8 EXISTING PAVEMENT MARKERS AND DELINEATORS

Add to section 81-8.03B, Remove Pavement Markers:

Before commencing Fog Seal Coat, Micro-surfacing, and Hot Mix Asphalt Leveling Course placement activities, complete the removal of any traffic stripes, pavement markings, and pavement markers, as directed by the Engineer.

Payment:

Full compensation for removing any traffic stripes, pavement markings, and pavement markers shall be considered as included in the contract price paid per square yard for Asphaltic Emulsion (Fog Seal Coat); and per ton for Micro-Surfacing and for Hot Mix Asphalt (Leveling); and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, required in the removal of any traffic stripes, pavement markings, and pavement markers, as

specified in the Standard Specifications and these special provisions, and as directed by the Engineer. No additional compensation will be allowed therefor.

Item 33: Object Markers. The following Special Provisions are added and made part hereby:

82-5 MARKERS

Add to section 82-5.01A, Summary:

Object markers shall be placed where all downdrains and overside drains are reconstructed.

Replace section 82-5.04 with:

82-5.04 PAYMENT

Full compensation for Object Markers shall be considered as included in the contract unit price paid per each for Asphalt Concrete Overside Drain and for 12" Corrugated Steel Pipe Downdrain; and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved in installing object markers, complete in place, as shown on the plans, as specified in these specifications and these special provisions, and as directed by the Engineer.

Item 34: Midwest Guardrail System. The following Special Provisions are added and made part hereby:

83-2 METAL RAILINGS AND BARRIERS

Add to Section 83-2.02A General, Midwest Guardrail System:

Construction of Midwest Guardrail System shall conform to the plans, the provisions of Section 83 of the Standard Specifications, and these Special Provisions.

Existing utilities shall be protected in-place. It is not planned for any utilities to be relocated by the owner for the installation of the guard rail posts. Prior to performing any driving or excavation, the contractor shall determine if any of the existing utilities, as shown by DigAlert markings, exist within 3 feet of the closest point of the planned excavation or post location. If any existing underground utilities are within 3 feet of the guard rail post or the excavation area, the Contractor shall carefully hand-dig and expose the utility to determine its exact location. If the existing utility is found to be in conflict with the planned guard rail post installation, the post shall be adjusted longitudinally to eliminate the conflict, as directed by the Engineer. In the event that the guard rail post cannot be adjusted so as to eliminate the conflict, the matter shall be brought to the attention of the Engineer.

Compensation for furnishing and installing Control Releasing Terminal Posts (CRT Posts) required to continue a guardrail across an obstruction (for example guardrail located directly over culverts, or drains) shall be considered as included in the contract price paid per linear foot for Midwest Guardrail System.

Add to Section 83-2.02B(2), End Anchor Assemblies and Rail Tensioning Assemblies:

End Anchor Assembly (Type SFT):

End anchor assembly (Type SFT) shall be furnished and installed at the locations shown on the plans, in conformance with the applicable provisions for end anchor assemblies in Section 83-2, "Metal Railings and Barriers," of the Standard Specifications, these Special Provisions, Caltrans standard plan No. A77S1, and as directed by the Engineer.

Payment:

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all work involved in constructing the End Anchor Assembly (Type SFT), complete in place, including drilling anchor plate bolt holes in rail elements, driving steel foundation tubes, excavating for concrete anchor holes and disposing of surplus material, as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer shall be considered as included in the contract price paid per linear foot for Midwest Guardrail System and no additional compensation will be allowed therefor.

Replace item 1 and 2 in the list in the 2nd paragraph of section 83-2.02C(1)(a) with:

1. Wood line posts.
2. Wood blocks for line posts.

Replace *Reserved* in Section 83-2.04B with:

83-2.04B Alternative In-Line Terminal System

83-2.04B(1) General

Alternative in-line terminal system must be furnished and installed as shown on the plans and under these special provisions.

83-2.04B(1)(a) Submittals

Submit a certificate of compliance for terminal systems.

83-2.04B(2) Materials

The allowable alternatives for an in-line terminal system must consist of one of the following or a Department-authorized equal.

It shall be the responsibility of the Contractor to verify and to use approved End treatments, Guardrail, and Terminal Systems products shown on the latest California Department of Transportation Authorized Material List for Highway Safety Features.

1. TYPE SKT-SP-MGS for steel posts or Type SKT-W-MGS for wood posts TERMINAL SYSTEM - Type SKT-MGS terminal system must be a SKT 350 sequential kinking terminal, system length 53'-1-1/2", manufactured by Road Systems, Inc., located in Big Spring, Texas, and must include items detailed for Type SKT-MGS terminal system shown on the plans. The SKT 350 sequential kinking terminal can be obtained from the distributor, Universal Industrial Sales, P.O. Box 699, Pleasant Grove, UT 84062, telephone (801) 785-

0505 or from the distributor, Gregory Highway Products, 4100 13th Street, S.W., Canton, OH 44708, telephone (330) 477-4800.

2. TYPE X-LITE - Type X-Lite terminal system must be a 31" X-Lite Guard Rail End Terminal as manufactured by Barrier Systems, Inc., located in Vacaville, CA, and must include items detailed for Type 31" X-Lite terminal system shown on the plans. The 31" X-Lite Guard Rail End Terminal can be obtained from the distributor, Statewide Safety and Signs, Inc., 130 Grobric Court, Fairfield, CA 94533, telephone (800) 770-2644.
3. TYPE 31" X-TENSION - Type 31" X-Tension terminal system must be a 31" X-Tension Guard Rail End Terminal as manufactured by Barrier Systems, Inc., located in Vacaville, CA, and must include items detailed for Type 31" X-Tension terminal system shown on the plans. The 31" X-Tension Guard Rail End Terminal can be obtained from the distributor, Statewide Safety and Signs, Inc., 130 Grobric Court, Fairfield, CA 94533, telephone (800) 770-2644.

83-2.04B(3) Construction

Terminal systems must be installed under the manufacturer's installation instructions and these specifications.

Each terminal system installed must be identified by painting the type of terminal system in neat black letters and figures 2 inches high on the backside of the rail element between system posts numbers 4 and 5. Paint must be metallic acrylic resin type spray paint. Before applying terminal system identification, the surface to receive terminal system identification must be removed of all dirt, grease, oil, salt, or other contaminants by washing the surface with detergent or other suitable cleaner. Rinse thoroughly with fresh water and allow to fully dry.

For Type SKT-W-MGS terminal system, install the soil tube with soil plate attached at Post 1, breakaway cable terminal post at Post 2, and controlled release terminal posts at Posts 3 through 8. The soil tube must be, at the Contractor's option, driven with or without pilot holes, or placed in a drilled hole. Space around the steel foundation tube must be backfilled with selected earth, free of rock, placed in layers approximately 4 inches thick and each layer must be moistened and thoroughly compacted. A wood post must be inserted into the steel foundation tube by hand. Before the wood terminal post is inserted, the inside surfaces of the steel foundation tube to receive the wood post must be coated with a grease that will not melt or run at a temperature of 149 degrees F or less. The edge of the wood post may be slightly rounded to facilitate insertion of the post into the steel foundation tube.

For Type 31" X-Lite terminal system, all crimped posts and line posts must be W6 x 8.5 or W6 x 9 steel posts. All posts, must be, at the Contractor's option, either driven or placed in drilled holes. Space around the crimped posts, Post 2 with attached soil plate and lines posts must be backfilled with selected earth, free of rock, placed in layers approximately 4 inches thick and each layer must be moistened and thoroughly compacted. All blocks must be wood or plastic.

For Type 31" X-Tension terminal system, the steel post and soil anchor must be, at the Contractor's option, driven with or without pilot holes, or placed in drilled holes. Space around the steel post and soil anchor must be backfilled with selected earth, free of rock, placed in layers approximately 4 inches thick and each layer must be moistened and thoroughly compacted. The wood terminal posts must be inserted into the drilled holes by hand and backfilled in the same

manner as the steel post and soil anchor. Wood terminal posts must not be driven. All blocks must be wood or plastic.

After installing the terminal system, dispose of surplus excavated material in a uniform manner along the adjacent roadway where designated by the Engineer.

83-2.04B(4) Payment

The contract price paid per each for Alternative In-Line Terminal System shall include full compensation for furnishing all labor, materials, tools, equipment, incidentals, and for doing all the work involved in furnishing and installing the terminal system, complete in place, including excavation, backfill and disposal of surplus material, as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

Replace *Reserved* in section 83-2.04C with:

83-2.04C Alternative Flared Terminal System

83-2.04C(1) General

Alternative flared terminal system must be furnished and installed as shown on the plans and under these special provisions.

83-2.04C(1)(a) Summary

Section 83-2.04C includes specifications for constructing alternative flared terminal systems.

83-2.04C(1)(b) Definitions

Not Used

83-2.04C(1)(c) Submittals

Submit a certificate of compliance for alternative flared terminal systems.

83-2.04C(1)(d) Quality Assurance

Not Used

83-2.04C(2) Materials

Alternative flared terminal systems must be one of the following or a Department-authorized equal:

It shall be the responsibility of the Contractor to verify and to use approved End treatments, Guardrail, and Terminal Systems products shown on the latest California Department of Transportation Authorized Material List for Highway Safety Features.

1. Type FLEAT terminal system. Type FLEAT terminal system must be a FLEAT-350 manufactured by Road Systems, Inc., located in Big Spring, Texas, and must include the connection components. The FLEAT-350 can be obtained from the following distributors:

Addendum No. 3

North Indian Canyon Drive, Widening Project Phase 1, 20th Avenue to 18th Avenue
Cities of Palm Springs and Desert Hot Springs, Project No. C6-0089; and
Gilman Springs Road, Resurfacing Project, Moreno Valley City Limit to State Highway 79
Gilman Hot Springs Area, Project No. C9-0059
February 28, 2019
Page 29 of 34

Address	Telephone no.
UNIVERSAL INDUSTRIAL SALES PO BOX 699 PLEASANT GROVE UT 84062	(801) 785-0505
GREGORY INDUSTRIES INC 4100 13TH ST SW CANTON OH 44708	(330) 477-4800

2. Type SRT terminal system. Type SRT terminal system must be an SRT-350 Slotted Rail Terminal (8-post system) manufactured by Trinity Highway Products, LLC, and must include the connection components. The SRT-350 Slotted Rail Terminal (8-post system) can be obtained from the manufacturer:

Address	Telephone no.
TRINITY HIGHWAY PRODUCTS LLC PO BOX 99 CENTERVILLE UT 84012	(800) 772-7976

83-2.04C(3) Construction

Install alternative flared terminal systems under the manufacturer's installation instructions.

Identify each terminal system by painting the type of terminal system in 2-inch-high, neat, black letters and figures on the backside of the rail element between system posts number 4 and 5.

For Type SRT terminal systems, drive the steel foundation tubes with soil plates attached with or without pilot holes, or place them in drilled holes. Backfill the space around the foundation tubes with selected earth that is free of rock. Place the earth in 4-inch-thick layers. Moisten and thoroughly compact each layer. Coat the inside surfaces of the foundation tubes to receive wood terminal posts with grease. Insert the posts into the tubes by hand. Do not drive the posts. You may slightly round the post edges to facilitate insertion.

For Type FLEAT terminal systems, drive the steel foundation tubes with or without pilot holes, or place them in drilled holes. Backfill the space around the foundation tubes with selected earth that is free of rock. Place the earth in 4-inch-thick layers. Moisten and thoroughly compact each layer. Coat the inside surfaces of the foundation tubes to receive wood terminal posts with grease. Insert the posts into the tubes by hand. Do not drive the posts. You may slightly round the post edges to facilitate insertion.

83-2.04C(4) Payment

The contract price paid per each for Alternative Flared Terminal System shall include full compensation for furnishing all labor, materials, tools, equipment, incidentals, and for doing all the work involved in furnishing and installing the terminal system, complete in place, including excavation, backfill and disposal of surplus material, as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

Item 35: Remove Guardrail. The following Special Provisions are added and made part hereby:

Replace Section 83-11.02B, Remove Guardrails, with:

83-11.02B Remove Guardrails

83-11.02B(1) General

Section 83-11.02B includes specifications for removing guardrail.

All existing metal beam guard railing, including end treatments, within the project footprint, where shown on the plans to be removed, shall be removed and properly disposed of.

Handling, storing, transporting, and disposing of treated wood waste (Wood Guardrail Posts) shall be in conformance with Section 14-11.14, "Treated Wood Waste", and as directed by the Engineer.

83-11.02B(2) Materials

Not Used

83-11.02B(3) Construction

Where removing guardrail, completely remove and properly dispose of any existing posts (wood or steel), blocks, hardware, concrete anchors assemblies and steel foundation tubes.

83-11.02B(4) Payment

Full compensation for removing existing metal beam guard railing, including end treatments, shall be considered as included in the contract price paid per linear foot for Remove Guardrail; and shall include full compensation for furnishing all labor, materials, tools, equipment, incidentals and for doing all the work including removing concrete anchors, removing and disposing cable anchor assemblies, terminal anchor assemblies or steel foundation tubes; handling, storing, transporting, and disposing treated wood waste, as specified in the these Special Provisions and no additional compensation will be allowed therefor.

Item 36: Paint Traffic Stripes. The following Special Provisions are added and made part hereby:

84-2 TRAFFIC STRIPES AND PAVEMENT MARKINGS

Add to Section 84-2.03C(3)(a) General, Painted Traffic Stripes and Pavement Markings:

PAINT TRAFFIC STRIPE (2 COAT)

Painting traffic stripe shall conform to the provisions in Sections 84-1, "General", and 84-2, "Traffic Stripes and Pavement Markings" of the Standard Specifications and these Special Provisions.

Traffic striping shall be applied in two coats with airless equipment and shall be performed with a roadliner truck mounted striping machine. Where the configuration or location of a traffic stripe is such that the use of a roadliner truck mounted striping machine is unsuitable, traffic striping and glass spheres may be applied by other methods and equipment approved by the Engineer.

Newly painted traffic striping shall be protected from damage by public traffic or other causes until the paint is thoroughly dry. Any newly painted traffic striping which are damaged as a result of the construction, including wheel markings by public traffic and the construction equipment, shall be repainted by the Contractor and any associated removals shall be performed as called for in these Special Provisions.

Payment:

The contract price paid per linear foot for Paint Traffic Stripe (2 Coat), shall include full compensation for furnishing all labor, materials, tools, equipment, incidentals, and for doing all the work involved in painting traffic stripe (regardless of the number, widths, and types of individual stripes involved in each traffic stripe) including any necessary cat tracks, dribble lines any layout work, complete in place as shown on the plans, as specified in the Standard Specifications and these Special Provisions, as directed by the Engineer, and no additional compensation will be allowed therefor.

Item 37: Rumble Strips. The following Special Provisions are added and made part hereby:

84-8 RUMBLE STRIPS

84-8.01 GENERAL

84-8.01A Summary

Section 84-8 includes specifications for constructing rumble strips.

84-8.01B Definitions

rumble strip: Band of raised material or indentations formed or grooved in the traveled way on the centerline or shoulders that is used to alert or warn drivers.

84-8.01C Submittals

Reserved

84-8.01D Quality Assurance

Reserved

84-8.02 MATERIALS

Not Used

84-8.03 CONSTRUCTION

84-8.03A General

Select the method and equipment for constructing ground-in indentations.

Do not construct rumble strips:

1. On structures, approach slabs, or concrete weigh-in-motion slabs
2. At intersections
3. Bordering two-way left turn lanes, driveways, or other high-volume turning areas
4. Within 6 inches of any concrete pavement joint

Construct rumble strips within 2 inches of the alignment shown. Rumble strip equipment must be equipped with a sighting device that enables the operator to maintain the rumble strip alignment.

Indentations must comply with the dimensions shown and not vary more than:

1. 10 percent in length
2. 0.06 inch in depth
3. 10 percent in width
4. 1 inch in center-to-center spacing between rumble strips

Grind or remove and replace noncompliant rumble strip indentations at locations determined by the Engineer. Ground surface areas must be neat and uniform in appearance.

Grinding equipment must be equipped with a vacuum attachment to remove residue from the roadbed.

The noise level created by the combined grinding activities must not exceed 86 dBA when measured at a distance of 50 feet at right angles to the direction of travel.

Break rumble strips before and after intersections, driveways, railroad crossings, freeway gore areas, and freeway ramps. Place breaks and break distances as shown. You may adjust breaks and the break distances as needed at low-volume driveways or other locations if authorized.

84-8.03B Rumble Strips in Concrete Pavement

Not Used

84-8.03C Rumble Strips in Asphalt Concrete Pavement

Construct rumble strips in the top layer of HMA and asphalt concrete surfacing by the ground-in method.

Dispose of the removed material.

On ground areas, apply a fog seal coat under section 37-4.02.

84-8.04 PAYMENT

The contract price paid per linear foot for 12" Rumble Strip (Asphalt Concrete Pavement) shall include full compensation for furnishing all labor, materials, tools, equipment, incidentals, and for doing all the work involved, complete in place as shown on the plans, as specified in the Standard Specifications and these Special Provisions, as directed by the Engineer, and no additional compensation will be allowed therefor.

Item 38: Remove Traffic Stripes and Pavement Markings. Refer to Section 84-9.03B, "Remove Traffic Stripes and Pavement Markings," on pages 53 and 54 of the special provisions. The following special provisions are added and made a part hereby:

On Gilman Springs Road, before commencing Fog Seal Coat, Micro-surfacing, and Hot Mix Asphalt Leveling Course placement activities, complete the removal of any traffic stripes, pavement markings, and pavement markers, in conformance with these special provisions, as directed by the Engineer.

Payment:

For Gilman Springs Road, full compensation for removing any traffic stripes, pavement markings, and pavement markers shall be considered as included in the contract price paid per square yard for Asphaltic Emulsion (Fog Seal Coat); and per ton for Micro-Surfacing and for Hot Mix Asphalt (Leveling); and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, required in the removal of any traffic stripes, pavement markings, and pavement