

TOWN OF LOS ALTOS HILLS  
STATE OF CALIFORNIA

CONTRACT DOCUMENTS

Notice To Bidders  
Proposal  
Agreement  
Special Provisions

FOR

**2021 PAVEMENT REHABILITATION AND DRAINAGE IMPROVEMENT PROJECT**  
FOR USE WITH

THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD  
SPECIFICATIONS 2018 EDITION

PUBLIC WORKS DEPARTMENT  
TOWN HALL  
26379 FREMONT ROAD  
LOS ALTOS HILLS, CA 94022  
TELEPHONE: (650) 941-7222  
FAX NO: (650) 941-3160



John Chau  
Associate Engineer

**Bid Opening: 2:00 PM, Wednesday, July 21, 2021**

## Table of Contents

NOTICE TO BIDDERS.....	7
PROPOSAL REQUIREMENTS .....	9
PROPOSAL TO THE CITY COUNCIL.....	10
LIST OF SUBCONTRACTORS .....	15
ADDENDA ACKNOWLEDGMENT AND INFORMATION .....	16
PRINCIPAL PERSONS WITH INTEREST IN PROPOSAL.....	16
EXPERIENCE AND FINANCIAL QUALIFICATIONS .....	16
PUBLIC CONTRACT CODE.....	18
BID BOND .....	22
CONTRACT .....	25
GENERAL LIABILITY ENDORSEMENT .....	28
AUTOMOBILE LIABILITY ENDORSEMENT .....	30
WORKERS COMPENSATION/EMPLOYEES LIABILITY ENDORSEMENT .....	32
CERTIFICATE OF INSURANCE .....	33
PERFORMANCE BOND.....	35
PAYMENT BOND .....	38
ESCROW FOR SECURITY DEPOSIT .....	41
MAINTENANCE BOND.....	44
SPECIAL PROVISIONS.....	47
PART 1 - GENERAL PROVISIONS.....	47
SECTION 1 - TERMS, DEFINITIONS, ABBREVIATIONS AND SYMBOLS .....	47
1-1    DEFINITIONS .....	47
1-2    ABBREVIATIONS.....	48
SECTION 2 - PROPOSAL REQUIREMENTS AND CONDITIONS.....	49
2-1    GENERAL.....	49
SECTION 3 - AWARD AND EXECUTION OF CONTRACT.....	50
SECTION 4 - SCOPE AND CONTROL OF THE WORK .....	51
4-1    SUBCONTRACTS .....	51
4-2    CONTRACT BONDS .....	51
4-3    PLANS AND SPECIFICATIONS .....	52
4-4    SHOP DRAWINGS AND SUBMITTALS.....	53
4-5    WORK TO BE DONE.....	53
SECTION 5 - CHANGES IN WORK .....	54
5-1    CHANGES INITIATED BY THE TOWN.....	54
5-2    EXTRA WORK.....	54

5-2.1	GENERAL.....	54
5-2.2	PAYMENT.....	54
5-2.2.1	FORCE ACCOUNT PAYMENT .....	54
5-2.2.2	BASIS FOR ESTABLISHING COSTS .....	54
5-2.2.3	MARKUP.....	55
5-3	RESOLUTION OF CONSTRUCTION CLAIMS .....	56
SECTION 6 - CONTROL OF MATERIALS .....		63
SECTION 7 - UTILITIES .....		64
SECTION 8 - PROSECUTION, PROGRESS AND ACCEPTANCE OF THE WORK.....		65
8-1	CONSTRUCTION, SCHEDULE AND COMMENCEMENT OF WORK.....	65
8-2	WRITTEN NOTICE AND REPORT .....	65
8-3	WORKING DAY .....	65
8-4	COMPLETION AND ACCEPTANCE.....	66
8-5	LIQUIDATED DAMAGES .....	66
8-6	USE OF IMPROVEMENT DURING CONSTRUCTION .....	66
SECTION 9 - RESPONSIBILITIES OF THE CONTRACTOR.....		67
9-0.1	LABOR NONDISCRIMINATION.....	67
9-0.2	PREVAILING WAGE .....	67
9-0.3	REMOVAL OF ASBESTOS AND HAZARDOUS SUBSTANCES .....	67
9-0.4	SUBCONTRACTING .....	67
9-0.5	PROMPT PROGRESS PAYMENT TO SUBCONTRACTORS .....	67
9-0.6	PROMPT PAYMENT OF WITHHELD FUNDS TO SUBCONTRACTORS .....	68
9-1	LAWS .....	68
9-1.1	PAYROLL RECORDS .....	68
9-1.2	LIABILITY INSURANCE .....	70
9-1.3	HOLD HARMLESS AND RESPONSIBILITY OF CONTRACTOR .....	71
9-1.4	RESPONSIBILITY FOR DAMAGE .....	72
9-1.5	FAILURE TO MAINTAIN INSURANCE .....	72
9-1.6	REGISTRATION OF CONTRACTORS .....	72
9-2	PERMITS .....	73
9-3	THE CONTRACTOR'S REPRESENTATIVE.....	73
9-3.1	INDEPENDENT CONTRACTOR.....	73
9-3.2	CONTRACTOR NOT AGENT.....	73
9-3.3	ASSIGNMENT PROHIBITED .....	73
9-4	PROJECT SITE MAINTENANCE.....	73
9-4.1	SOUND CONTROL REQUIREMENTS .....	73
9-4.2	CLEAN UP AND DUST CONTROL.....	74
9-5	PROTECTION AND RESTORATION OF EXISTING IMPROVEMENTS .....	74
9-6	PUBLIC CONVENIENCE AND SAFETY.....	74
9-6.1	TRAFFIC AND ACCESS .....	74
9-6.2	STREET CLOSURES, DETOURS, BARRICADES.....	74
9-6.3	PUBLIC SAFETY .....	75
9-6.3.1	SAFETY ORDERS.....	75
9-7	ANTITRUST CLAIMS .....	76

SECTION 10 - FACILITIES FOR AGENCY PERSONNEL .....	77
SECTION 11 - MEASUREMENT AND PAYMENT .....	78
11-1    PAYMENTS .....	78
11-1.1    WORK NOT ITEMIZED IN THE CONTRACT PRICE SCHEDULE.....	78
11-1.2    RELEASE OF RETENTION.....	78
11-1.3    PARTIAL AND FINAL PAYMENT.....	78
11-1.4    MOBILIZATION.....	78
SECTION 12 – APPROXIMATE QUANTITY (BASE BID).....	79
SECTION 12 – APPROXIMATE QUANTITY (ALTERNATE BID).....	85
SECTION 13 & 14 (BLANK).....	86
PART 2 - CONSTRUCTION METHODS & MATERIALS .....	87
SECTION 15 - GENERAL REQUIREMENTS.....	87
15-1    SCOPE OF WORK .....	87
15-2    PUBLIC RELATIONS.....	87
15-3    PROTECTION OF UTILITIES .....	87
15-4    PERMITS AND LICENSES.....	87
15-5    EXISTING IMPROVEMENTS .....	88
15-6    DUST CONTROL.....	88
15-7    PUBLIC CONVENIENCE AND SAFETY.....	88
15-7.1    TRAFFIC CONTROL AND CONSTRUCTION AREA SIGNS .....	88
15-7.1.1    GENERAL.....	88
15-7.1.2    CONSTRUCTION AREA SIGNS .....	89
15-7.2    MEASUREMENT AND PAYMENT .....	89
15-8    NOTIFICATION.....	89
15-9    CONVEYANCE AND STORAGE .....	90
15-10    EXCESS MATERIAL .....	90
15-11    POLLUTION CONTROL.....	90
15-12    STAKING .....	90
15-13    SCHEDULING OF WORK .....	90
15-14    RECORD DRAWING .....	90
15-15    SUBSTITUTION FOR MATERIALS SPECIFIED .....	91
15-16    INQUIRIES DURING BID PERIOD .....	91
15-17    POSTING NOTICE AND NOTIFICATION TO RESIDENTS .....	91
15-18    CONSTRUCTION UTILITIES .....	92
15-19    SUBMITTALS .....	92
SECTION 16 - SITE-WORK.....	93
16-1    SITE PREPARATION .....	93
16-1.1    SCOPE OF WORK .....	93
16-2    LIMITS OF CLEARING .....	93
16-3    CLEARING OPERATIONS .....	93
16-4    REMOVE EXISTING CONCRETE .....	93
16-5    REMOVE EXISTING ASPHALT PAVEMENT .....	94
16-6    TREE ROOTS PRUNING .....	94

16-7	MEASUREMENT AND PAYMENT .....	94
SECTION 17 - EARTHWORK.....		95
17-1	SCOPE OF WORK .....	95
17-2	SOIL CONDITIONS .....	95
17-3	UNCLASSIFIED EXCAVATION .....	95
17-4	COMPACTION.....	95
17-5	CARE OF EXISTING STRUCTURES AND UTILITIES.....	95
17-6	PROTECTION OF TREES, SHRUBS AND LAWNS.....	96
17-7	MAINTAINING DRAINAGE.....	96
17-8	SEASONAL LIMITS .....	96
17-9	CONTROL OF WATER .....	96
17-10	DISPOSAL OF EXCESS EXCAVATED MATERIAL .....	96
17-10.1	NATIVE MATERIAL FOR TOPSOIL.....	96
17-11	POTHOLING.....	96
SECTION 18 - BLANK .....		98
SECTION 19 - ASPHALT CONCRETE PAVEMENT AND RESURFACING WORK.....		99
19-2.1	SCOPE OF WORK .....	99
19-2.2	MATERIAL .....	99
19-2.2.1	AGGREGATE BASE.....	99
19-2.2.2	ASPHALT CONCRETE .....	99
19-2.2.3	PRIME COAT.....	99
19-2.4	TACK COAT .....	99
19-3	ASPHALT CONCRETE PAVEMENT PREPARATION AND RESURFACING .....	99
19-3.1	STREET PAVEMENT SECTION REPAIRS & FULL DEPTH AC INSTALLATION.....	100
19-3.1.1	MEASUREMENT AND PAYMENT .....	100
19-3.2	CONSTRUCT ASPHALT CONCRETE DIKE – TYPE F.....	101
19-3.3	STREET PAVEMENT OVERLAY.....	101
19-3.3.1	DISTRIBUTION AND SPREADING.....	101
19-3.3.2	SPREADING AND COMPACTING.....	101
19-3.3.3	MEASUREMENT AND PAYMENT .....	102
19-3.4	LEVELING COURSE .....	102
19-3.4.1	MEASUREMENT AND PAYMENT .....	102
19-3.5	REMOVAL OF PAVEMENT MARKERS.....	102
19-3.6	COLD MILLING AND AREA GRINDING ASPHALT CONCRETE PAVEMENT .....	102
19-3.6.1	INTERSECTION CONFORM WEDGE CUT .....	103
19-3.6.2	HEATING EQUIPMENT IS NOT ACCEPTABLE .....	103
19-3.6.3	MEASUREMENT AND PAYMENT .....	103
19-3.7	REMOVE AND RECONSTRUCT CONCRETE CURB AND GUTTER.....	104
19-3.8	ADJUST AND REPLACE MANHOLE FRAMES AND COVERS.....	104
19-3.8.1	MEASUREMENT AND PAYMENT .....	105
19-3.9	ADJUST AND REPLACE SURVEY MONUMENTS AND CLEAN OUTS.....	105
19-3.9.1	MEASUREMENT AND PAYMENT .....	105
19-3.10	UTILITY COMPANY VALVE COVERS AND MANHOLES .....	105
19-4	TRAFFIC STRIPING AND PAVEMENT MARKINGS.....	106

19-4.1	MEASUREMENT AND PAYMENT .....	106
19-4.2	TRAFFIC CONTROL FOR TRAFFIC STRIPING .....	107
19-4.2.1	MEASUREMENT AND PAYMENT .....	107
19-5.1	MEASUREMENT AND PAYMENT .....	107
SECTION 20 – MICROSURFACING .....		108
20-1	GENERAL .....	108
20-1.1	WORK INCLUDE .....	108
20-1.2	QUALITY ASSURANCE .....	108
20-1.3	REFERENCES .....	108
20-1.4	SUBMITTALS .....	108
20-2	PRODUCTS .....	108
20-2.1	MICROSURFACING EMULSION (MSE) .....	108
20-3	EXECUTION .....	112
20-3.1	GENERAL REQUIREMENT .....	112
20-3.2	PROPORTIONAL MIXING .....	112
20-3.3	SURFACE PREPARATION .....	113
20-3.4	SPREADER BOX .....	113
20-3.5	SAND BLOTTER .....	114
20-3.6	APPLICATION OF TYPE II MICROSURFACING .....	114
20-3.7	TEST STRIP .....	115
20-3.8	JOINTS .....	115
20-3.9	WEATHER LIMITATIONS .....	116
20-3.10	MICROSURFACING REPAIR .....	116
20-3.11	STRIPING .....	116
20-4	MEASUREMENT AND PAYMENT .....	116
20-4.1	MICROSURFACING TYPE II .....	116
SECTION - 22 TO 35 (BLANK) .....		117
SECTION 36 - STORM WATER POLLUTION PREVENTION .....		118
36-1	DESCRIPTION .....	118
36-2	GENERAL REQUIREMENTS .....	118
36-3	MEASUREMENT AND PAYMENT .....	124

**TOWN OF LOS ALTOS HILLS  
STATE OF CALIFORNIA**

**PUBLIC WORKS DEPARTMENT**

**NOTICE TO BIDDERS**

**FOR**

**2021 Pavement Rehabilitation and Drainage Improvement Project**

1. BID OPENING. Bids will be received at the office of the City Clerk of the Town of Los Altos Hills, California, until 2:00 p.m. on July 21, 2021, at which time they will be opened and read aloud. Bids shall be submitted in sealed envelopes marked on the outside "Bid For 2021 Pavement Rehabilitation and Drainage Improvement Project".
2. WORK DESCRIPTION. The work consists, in general, 2" A.C. overlay, 6" digouts, Type II microsurfacing, construct A.C. dike, construct A.C. swale, concrete curb and gutter replacement, pavement markings replacement, utility adjustments, and all associated work.
3. WORKING DAYS. The work under this Contract is to be completed in **THIRTY (30)** working days.
4. CONTRACTOR'S LICENSE. A Class "A" Contractor's License is required for this work. No bid will be accepted from a Contractor who has not been licensed in accordance with Chapter 9, Division 3 of the Business and Professional Code.
5. BID DEPOSIT. A Bid Deposit equals to at least ten percent (10%) of the total amount of the bid shall be placed in the sealed proposal. The Bid Deposit shall be in one of the following forms: cash, cashier's check or certified check payable to the Town of Los Altos Hills, or bidder's bond in favor of the Town executed by an authorized surety company.
6. PERFORMANCE BONDS. Performance guaranty bonds as set forth in Section 3-1.05 of the Special Provisions will be required from the successful bidder.
7. TOWN'S RIGHT TO REJECT BIDS. The right is reserved, as the interest of the Town may require, to reject any or all bids, or to waive any informality or minor irregularity in the bids.
8. GENERAL PREVAILING WAGE RATES. Pursuant to Section 1773 of the Labor Code, the general prevailing wage rates in the county, or counties, in which the work is to be done have been determined by the Director of the California Department of Industrial Relations. These wages are set forth in the General Prevailing Wage Rates for this project, available from the California Department of Industrial Relations' Internet web site at <http://www.dir.ca.gov>.
9. OBTAINING THE PROJECT PLANS AND CONTRACT DOCUMENTS. (a) A full set of plans and Contract Documents are available for inspection without charge at the office of the Public Works Department, Town of Los Altos Hills, 26379 Fremont Road, Los Altos Hills, CA 94022. (b) Complete sets of said Contract Documents may be purchased at \$40.00 dollars per set and are obtainable from the office of the City Engineer/, Town of Los Altos Hills, Public Works Department, 26379 Fremont Road, Los Altos Hills, California 94022. No refund will be made of any charges for sets of Contract Documents.
10. OBTAINING THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS. The State of California Department of Transportation Standard Specifications and Standard Plans may be purchased at the State of California Department of Transportation Publication Distribution Unit, 1900 Royal Oaks Drive, Sacramento, CA 95819; Telephone: (916) 445-3520; Fax: (916) 324-8997

11. WITHDRAWAL OF PROPOSALS. Any bid may be withdrawn at any time prior to the time fixed in the public notice for the opening of bids only by written request for the withdrawal of the bid filed with the Director of Public Works. The request shall be executed by the bidder or his/her duly authorized representative. The withdrawal of a bid does not prejudice the right of the bidder to file a new bid. Whether or not bids are opened exactly at the time fixed in the public notice for opening bids, a bid will not be received after that time nor may any bid be withdrawn after the time fixed in the public notice for opening of bids.
12. RELIEF OF BIDDERS. As stated in Public Contract Code Sections 5100 to 5108, inclusive (State Contract Act) concerning relief of bidders and in particular to the requirement therein, that if the bidder claims a mistake was made in his/her bid, the bidder shall give the written notice within five (5) days after the opening of the bids of the alleged mistake, specifying in the notice in detail how the mistake occurred.
13. DISQUALIFICATION OF BIDDERS. More than one proposal from an individual, firm, partnership, corporation, or combination thereof under the same or different names will not be considered. Reasonable grounds for believing that any individual, firm, partnership, corporation or combination thereof is interested in more than one proposal for the work contemplated may cause the rejection of all proposals in which such individual, firm, partnership, corporation or combination thereof is interested. If there is reason for believing that collusion exists among the bidders, any or all proposals may be rejected. Proposals in which the prices obviously are unbalanced may be rejected.
14. PREVIOUS DISQUALIFICATION, REMOVAL OR OTHER PREVENTION OF BIDDING. A bid may be rejected on the basis of a bidder, any officer of such bidder, or any employee of such bidder who has a proprietary interest in such bidder, having been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local project because of a violation of law or a safety regulation.
15. RESPONSIBILITY FOR VERIFYING CONTRACT ADDENDA. All bidders shall verify if any addenda for this project have been issued by the Town of Los Altos Hills. It is the bidder's responsibility to ensure that all requirements of Contract addenda are included in the bidder's proposal.
16. ESCROW FOR SECURITY DEPOSIT IN OF RETENTION. Pursuant to Public Contract Code Section 22300, for monies earned by the Contractor and withheld by the Town to ensure the performance of the Contract, the Contractor, may, at its option, choose to substitute securities meeting the requirements of said Public Contract Code Section 22300.
17. SHORING AND BRACING. Pursuant to the provisions of California Labor Code Section 6707, each bid submitted in response to this Notice to Bidders shall contain, as a bid item, adequate sheeting, shoring, and bracing, or equivalent method, for the protection of life and limb in trenches and open excavation, which shall conform to applicable safety orders. By listing this sum, the bidder warrants that its action does not convey tort liability to the Town, Engineer, and their employees, agents and subconsultants.
18. CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REQUIREMENTS:  
This Contract will be subject to compliance monitoring and enforcement by the California Department of Industrial Relations, pursuant to Labor Code section 1771.4. Under California Labor Code section 1771.1, as amended by SB 854, a contractor may not bid, nor be listed as a subcontractor, for any bid proposal submitted for a public work unless the contractor and its subcontractors are registered and qualified to perform public work pursuant to section 1725.5 of the Labor Code. The Bidder and its Subcontractors must be registered and qualified to perform public work pursuant to section 1725.5 of the Labor Code, subject to limited legal exceptions under Labor Code section 1771.1. The project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

Dated: \_\_\_\_\_

\_\_\_\_\_  
Deborah L. Padovan, City Clerk

## PROPOSAL REQUIREMENTS

1. All bidders shall complete the "Proposal to the City Council" form which shall be presented under sealed cover and shall be accompanied by a bidder's bond. The form of Bidder's Bond to be used will be found following the signature page of the proposal. The bidder's bond shall be at least 10% of the bid amount. As an alternative to the Bidder's Bond, cash, cashier's check or certified check payable to the Town of Los Altos Hills and in an amount equal to at least 10% of the bid amount may be used.
2. A statement of Experience and Financial Responsibility shall accompany the proposal. A form for this statement will be found as part of the Proposal to the City Council which follows these proposal requirements.
3. If bidder is:
  - (a) An individual doing business in his or her own name, sign name only.
  - (b) An individual using a firm name, sign name as an individual DBA (doing business as). For example: "John Doe, an individual doing business as XYZ Company."
  - (c) A co-partnership, sign name as shown in this example: "XYZ Co., by John Doe, Copartner." Also, give the names of all individual copartners composing the firm.
  - (d) A corporation, sign name with your title as in this example: "XYZ Co., by John Doe, President." Also, state legal name of corporation, names of the president, secretary, treasurer and manager of corporation. Affix seal of corporation.
4. The business address of the bidder must be filled in completely on the proposal, giving the address of the firm in the case of the partnership or corporation, not the address of the partner or official signing this proposal.
5. The spaces provided on the proposal for State of California Contractor's license number and classification must be filled in completely.
6. To assure recognition, write the words "Proposal, etc.," plainly on the envelope.
7. The attention of all bidders is directed to the "Proposal To The City Council" regarding discrepancies found in bidder's Price Schedule.

**EXHIBIT "A"**  
**PROPOSAL TO THE CITY COUNCIL**

**TOWN OF LOS ALTOS HILLS**  
**STATE OF CALIFORNIA**

**FOR**

**2021 Pavement Rehabilitation and Drainage Improvement Project**

NAME OF BIDDER: \_\_\_\_\_

BUSINESS ADDRESS: \_\_\_\_\_

\_\_\_\_\_

CITY, STATE, ZIP: \_\_\_\_\_

LICENSE NO.: \_\_\_\_\_ CLASS: \_\_\_\_\_ EXP. DATE: \_\_\_\_\_

TAX ID NO.: \_\_\_\_\_

TELEPHONE NO: (    ) \_\_\_\_\_ FAX NO: (    ) \_\_\_\_\_

The work for which this proposal is submitted is for construction according to the Contract Documents, including the Special Provisions, the Agreement, the project plans described below, and the State of California Department of Transportation Standard Specifications, 2018 Edition. The Contract Book shall be used in conjunction with the above documents, and the State of California Department of Transportation Labor Surcharge and Equipment Rental Rates, and the State Department of Industrial Relations General Prevailing Wage Rates current at the bid opening date.

19. The project plans for the work to be done are titled "**2021 Pavement Rehabilitation and Drainage Improvement Project**". The work consists, in general, 2" A.C. overlay, 6" digouts, Type II microsurfacing, construct A.C. dike, construct A.C. swale, concrete curb and gutter replacement, pavement markings replacement, utility adjustments, and all associated work.

A bidder's bond, in an amount and of a form described under Paragraph 1 of the Proposal Requirements Section of these Provisions shall accompany this proposal. The project shall be awarded to the lowest responsible bidder who meets all the Proposal Requirements, and the requirements of the Contract Documents.

The bidder shall set forth for each item of work a unit price and a total for the item, and for each lump sum item a total for the item, all in clearly legible figures in the respective spaces provided for this purpose. In the case of unit basis items, the amount set forth under the "Total" column shall be the extension of the item price bid on the basis of the estimated quantity for the item.

In case of conflict between an item price in words and the price in figures, the price in words shall prevail. In case of discrepancy between an item price and the total set forth for a unit basis item, the item price shall prevail. However, if the amount set forth as an item price is ambiguous, illegible or uncertain for any cause,

or is omitted, or is the same amount as the entry in the "Total" column, then the amount set forth in the "Total" column for the item shall prevail and shall be divided by the estimated quantity for the item and the price thus obtained shall be the item price.

Failure to provide the required information, or if information provided is subsequently proved false, the proposal shall be considered as non-responsive and shall be grounds for rejection of the bid.

If this proposal shall be accepted and the undersigned shall fail to enter into the Contract and furnish the two bonds in the sums required by Section 3-1.05 of the Special Provisions, with surety satisfactory to the Town of Los Altos Hills within 12 days, not including Sundays and legal holidays, after the bidder has received notice from the Town that the Contract has been awarded, the Town may, at its option, determine that the bidder has abandoned the Contract, and thereupon this proposal and the acceptance thereof shall be invalid. If the Town declares the proposal as invalid, the forfeiture of such security accompanying this proposal shall operate and the same shall be the property of the Town.

The undersigned, as bidder, declares that the only persons or parties interested in this proposal as principals are those named herein; that this proposal is made without collusion with any other person, firm or corporation; that he/she has carefully examined the location of the proposed work, the annexed proposed form of Contract, and the plans therein referred to; and he/she proposes and agrees, if this Proposal is accepted, that he/she will Contract with the Town of Los Altos Hills in the form of the copy of the Contract annexed hereto, to provide all necessary machinery, tools, apparatus and other means of construction, and to do all the work and furnish all the materials specified in the Contract, in the manner and time therein prescribed, and according to the requirements of the Engineer as therein set forth, and that he/she will take in full payment therefore in the amounts shown on the following Item Price Schedule, to wit:

**ITEM PRICE SCHEDULE  
(BASE BID)**

Item No.	Description	Estimated Quantity	Item Price (in words)	Item Price (in figures)	Total (in figures)
1	Mobilization	1 LS		\$ _____	\$ _____
2	Traffic Control (Include 2 Programmable Message Boards and Notification to residents)	1 LS		\$ _____	\$ _____
3	**6' Wedge Grind	12,010 LF		\$ _____	\$ _____
4	**10' Conform Grind	5,630 SF		\$ _____	\$ _____
5	**2" A.C. Overlay	2,504 TON		\$ _____	\$ _____
6	**6" digouts	13,230 SF		\$ _____	\$ _____
7	Leveling Course	1 TON		\$ _____	\$ _____
8	**Construct shoulder backing (Class 2 base rock)	15 TON		\$ _____	\$ _____
9	Type II Microsurfacing	303,670 SF		\$ _____	\$ _____
10	Remove existing A.C. Dike	193 LF		\$ _____	\$ _____
11	**Install A.C. Dike (Type F)	430 LF		\$ _____	\$ _____
12	Remove and Reconstruct concrete curb & gutter	173 SF		\$ _____	\$ _____
13	Remove and Reconstruct concrete rolled curb	168 SF		\$ _____	\$ _____
14	Remove and Reconstruct concrete Apron	146 SF		\$ _____	\$ _____
15	Remove and Reconstruct 4' wide Concrete Valley Gutter	184 SF		\$ _____	\$ _____
16	**Remove Rock/existing A.C. swale and Construct 3' wide A.C. swale	742 LF		\$ _____	\$ _____
17	**Adjust Manholes	26 EA		\$ _____	\$ _____
18	**Adjust Monuments	24 EA		\$ _____	\$ _____
19	Remove and Install "STOP AHEAD" (Extruded Thermoplastic)	106 SF		\$ _____	\$ _____
20	**Remove and Install STOP Legend and Limit Line (Extruded Thermoplastic)	519 SF		\$ _____	\$ _____
21	**Remove existing Detail 22 and Install Caltrans standard Detail 22 - 6" yellow stripe (Extruded Thermoplastic)	6,655 LF		\$ _____	\$ _____
22	Remove Detail 23 and Install Caltrans standard Detail 22 - 6" yellow stripe (Extruded Thermoplastic)	1,110 LF		\$ _____	\$ _____

23	**Remove existing Detail 27B and Install Caltrans standard Detail 27B - 6" white stripe (Extruded Thermoplastic)	6,155 LF		\$ _____	\$ _____
24	**Install Caltrans standard Detail 27B - 6" white stripe (Extruded Thermoplastic)	14,654 LF		\$ _____	\$ _____
25	**Remove and Install Blue Markers	30 EA		\$ _____	\$ _____

<b>TOTAL OF BASE BID ITEMS (1- 25):</b>		<b>\$ _____</b>
<b>TOTAL BASE BID AMOUNT IN WORDS</b>		
_____		

**ITEM PRICE SCHEDULE  
(ALTERNATE BID)**

Item No.	Description	Estimated Quantity	Item Price (in words)	Item Price (in figures)	Total (in figures)
26	**6' Wedge Grind	850 LF		\$ _____	\$ _____
27	**10' Conform Grind	935 SF		\$ _____	\$ _____
28	**2" A.C. Overlay	582 TON		\$ _____	\$ _____
29	**6" digouts	1,053 SF		\$ _____	\$ _____
30	**Construct shoulder backing (Class 2 base rock)	35 TON		\$ _____	\$ _____
31	**Install A.C. dike (Type F)	35 LF		\$ _____	\$ _____
32	**Remove rock/existing A.C. swale and construct 3' wide A.C. swale	310 LF		\$ _____	\$ _____
33	**Adjust Manholes	10 EA		\$ _____	\$ _____
34	**Adjust Monuments	3 EA		\$ _____	\$ _____
35	**Remove and Install "STOP AHEAD" (Extruded Thermoplastic)	53 SF		\$ _____	\$ _____
36	**Remove and Install STOP Legend and Limit Line (Extruded Thermoplastic)	45 SF		\$ _____	\$ _____

37	**Remove existing Detail 22 and Install Caltrans standard Detail 22 - 6" yellow stripe (Extruded Thermoplastic)	1,785 LF		\$ _____	\$ _____
38	**Install Caltrans standard Detail 27B - 6" white stripe (Extruded Thermoplastic)	310 LF		\$ _____	\$ _____
39	**Remove and Install Blue Markers	3 EA		\$ _____	\$ _____

<b>TOTAL OF BASE BID PLUS ALTERNATE BID ITEMS (1-39):</b>		\$ _____
<b>TOTAL BASE BID PLUS ALTERNATE BID AMOUNT IN WORDS</b>		

**COMPARISON OF BIDS:** The lowest bid shall be the lowest total price for the base contract plus alternate items. Award of Alternates or any combination of alternate items shall be at the Town's discretion after the lowest responsible bidder has been determined.

\*\* BASE BID AND ADDITIVE ALTERNATE BID ITEMS: All bid items that have unit prices marked \*\* are required to have the same unit bid price as shown in the BASE BID.

**QUANTITIES OF WORK**

The quantities of work of material stated in the unit bid price items of the Bid Schedule are supplied only to give an indication of the general scope of the Work. The Town does not expressly nor by implication agree that the actual amounts of work or material will correspond therewith, and reserves the right after award to increase or decrease the quantity of any unit bid item by an amount up to 25 percent increase or decrease without a change in the unit prices, and shall have the right to delete any bid items in its entirety and receive full credit in the amount shown in the Bid Schedule for the deleted item of Work.



**ADDENDA ACKNOWLEDGMENT AND INFORMATION**

The undersigned acknowledges receipt of Addendum No. \_\_\_\_ through \_\_\_\_ inclusively.

**PRINCIPAL PERSONS WITH INTEREST IN PROPOSAL**

The names of all persons interested in the foregoing proposal as principals are as follows:

**IMPORTANT NOTICE.** If bidder or other interested person is a corporation, state legal name of corporation, also names of the president, secretary, treasurer, and manager thereof; if a co-partnership, state true name of firm, also names of all individual copartners composing firm; if bidder or other interested person is an individual, state first and last names in full.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**EXPERIENCE AND FINANCIAL QUALIFICATIONS**

The bidder has been engaged in the contracting business under State License No. \_\_\_\_\_ for a period of years.

The bidder's three most recently completed Contracts are:

- 1. Title of Project: \_\_\_\_\_  
Owner: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone No.: \_\_\_\_\_  
Engineer in Charge: \_\_\_\_\_  
Date Accepted: \_\_\_\_\_
- 2. Title of Project: \_\_\_\_\_  
Owner: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone No.: \_\_\_\_\_  
Engineer in Charge: \_\_\_\_\_  
Date Accepted: \_\_\_\_\_

3. Title of Project: \_\_\_\_\_
- Owner: \_\_\_\_\_
- Address: \_\_\_\_\_
- Telephone No.: \_\_\_\_\_
- Engineer in Charge: \_\_\_\_\_
- Date Accepted: \_\_\_\_\_

Reference is hereby made to the following bank or banks as to the financial responsibility of the bidder:

Name of Bank	Address
_____	_____
_____	_____
_____	_____

Reference is hereby made to the following surety companies as to the financial responsibility and general reliability of the bidder:

- Company: \_\_\_\_\_
- Address: \_\_\_\_\_
- Company: \_\_\_\_\_
- Address: \_\_\_\_\_

**PUBLIC CONTRACT CODE**

**Public Contract Code Section 10285.1 Statement**

In conformance with Public Contract Code Section 10285.1 (Chapter 376, Stats. 1985), the bidder hereby declares

under penalty of perjury under the laws of the State of California that the bidder has \_\_\_\_ , has not \_\_\_\_ been convicted

within the preceding three years of any offenses referred to in that section, including any charge of fraud, bribery, collusion, conspiracy, or any other act in violation of any state or Federal antitrust law in connection with the bidding upon, award of, or performance of, any public works contract, as defined in Public Contract Code Section 1101, with any public entity, as defined in Public Contract Code Section 1100, including the Regents of the University of California or the Trustees of the California State University. The term "bidder" is understood to include any partner, member, officer, director, responsible managing officer, or responsible managing employee thereof, as referred to in Section 10285.1.

Note: The bidder must place a check mark after "has" or "has not" in one of the blank spaces provided. The above Statement is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Statement. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

---

## Public Contract Code Section 10162 Questionnaire

In conformance with Public Contract Code Section 10162, the Bidder shall complete, under penalty of perjury, the following questionnaire:

Has the bidder, any officer of the bidder, or any employee of the bidder who has a proprietary interest in the bidder, ever been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local government project because of a violation of law or a safety regulation?

YES \_\_\_\_\_ NO \_\_\_\_\_

If the answer is yes, explain the circumstances in the following space:

---

---

---

---

## Public Contract Code 10232 Statement

In conformance with Public Contract Code Section 10232, the Contractor, hereby states under penalty of perjury, that no more than one final unappealable finding of contempt of court by a federal court has been issued against the Contractor within the immediately preceding two-year period because of the Contractor's failure to comply with an order of a federal court which orders the Contractor to comply with an order of the National Labor Relations Board.

Note: The above Statement and Questionnaire are part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Statement and Questionnaire. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

---

**NON-COLLUSION DECLARATION**

To Be Executed by Bidder and Submitted with Bid

In accordance with Title 23 United States Code Section 112 and California Public Contract Code 7106, the undersigned declares:

I am the \_\_\_\_\_ of \_\_\_\_\_, the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on \_\_\_\_\_ [date], at \_\_\_\_\_ [city], \_\_\_\_\_ [state].

\_\_\_\_\_  
(Bidder)

\_\_\_\_\_  
By: (Signature of authorized  
representative of Bidder)

\_\_\_\_\_  
(Type Name)

\_\_\_\_\_  
(Title)

**TOWN OF LOS ALTOS HILLS  
STATE OF CALIFORNIA**

**2021 Pavement Rehabilitation and Drainage Improvement Project**

**BID BOND**

KNOW ALL PERSONS BY THESE PRESENTS, that we \_\_\_\_\_, as Principal, and \_\_\_\_\_, as Surety, are held and firmly bound unto the Town of Los Altos Hills, hereinafter called "Town", in penal sum of ten percent (10%) OF THE TOTAL AMOUNT OF THE BID OF THE PRINCIPAL submitted to the said "Town" for the work described below for the payment of which sum in lawful money of the United States, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the Principal has submitted the accompanying Proposal dated \_\_\_\_\_, 2021, for the **2021 Pavement Rehabilitation and Drainage Improvement Project**.

NOW, THEREFORE, if the Principal shall not withdraw said Proposal prior to the date and time for the opening of bids, and if the Principal is awarded the Contract and shall within the period specified in the Proposal after receiving notice that the Contract has been awarded and the prescribed forms are presented to him/her for signature, enter in a written Contract with the Town, in accordance with the Proposal as accepted and give insurance and bond with good and sufficient surety or sureties, as may be required, for the faithful performance and proper fulfillment of such Contract and for the payment for labor and materials used for the performance of the Contract, or in the event of the withdrawal of said Proposal within the period specified or the failure to enter into such Contract and give such Town bonds, within the time specified, if the Principal shall pay the Town the difference between the amount specified in said Proposal and the amount for which the Town may procure the required work and/or supplies, if the latter amount be in excess of the former, together with all costs incurred by the Town in again calling for bids, then the above obligation shall be voided and of no effect, otherwise to remain in full force and virtue.

Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract on the call for bids, or to the work to be performed there under, or the specifications accompanying the same, shall in anywise affect its obligation under this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of said Contract or the call for bids, or to the work, or to the specifications.

In the event suit is brought upon this bond by the Town and judgment is recovered, the Surety shall pay all costs incurred by the Town in such suit, including a reasonable attorney's fee to be fixed by the court. IN WITNESS WHEREOF, the above-bounded parties have executed this instrument under their several seals this \_\_\_\_\_ day of \_\_\_\_\_, 2021, the name and corporate seals of each corporate party being hereto affixed and these presents duly signed by its undersigned representatives, pursuant to authority of its governing body.

(Corporate Seal)

\_\_\_\_\_  
Principal

By \_\_\_\_\_

(Acknowledgment)

Title \_\_\_\_\_

(Corporate Seal)

\_\_\_\_\_  
Surety

By \_\_\_\_\_  
Attorneys-in-fact

(Acknowledgment)

Title \_\_\_\_\_

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

STATE OF CALIFORNIA

COUNTY OF \_\_\_\_\_)

On \_\_\_\_\_, 2021, before me, \_\_\_\_\_, Notary Public, personally appeared \_\_\_\_\_, 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, 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)

**TOWN OF LOS ALTOS HILLS  
STATE OF CALIFORNIA**

**CONTRACT**

**2021 Pavement Rehabilitation and Drainage Improvement Project**

THIS AGREEMENT, made, executed, and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2021, by and between the Town of Los Altos Hills a General Law City, hereinafter referred to as the Town, and \_\_\_\_\_ hereinafter referred to as the Contractor.

WITNESSETH

ARTICLE 1. That for and in consideration of the payments and agreements hereinafter mentioned to be made and performed by the Town, the Contractor agrees at its own cost and expense to do all the work and furnish all materials necessary to complete in a good workmanlike and substantial manner all that certain work involved and concerned with the **2021 Pavement Rehabilitation and Drainage Improvement Project**. Said work shall be done in manner and according to the terms of the Contract as the same is defined in Article 4 herein.

ARTICLE 2. Said Contractor agrees to receive and accept the following prices as full compensation for furnishing all materials and doing all the work contemplated and embraced in this agreement; also for all loss or damage arising out of the nature of the work aforesaid, or from the acts of the elements, or from any unforeseen difficulties or obstructions which may arise or be encountered in the prosecution of the work until its acceptance by the Town and for all risks of every description connected with the work; also for all expenses incurred by or in consequence of the suspension or discontinuance of the work and for well and faithfully completing the work and the whole thereof, in the manner and according to the plans and specifications, to wit, according to Contractor's proposal to the City Council, entitled 'EXHIBIT "A," Proposal to the City Council' and attached hereto.

ARTICLE 3. The Town hereby promises and agrees with the Contractor, to employ, and does employ, hereby, said Contractor to provide the materials and to do the work according to the terms and conditions herein contained and referred to, for the prices aforesaid, and hereby contracts to pay the same at the time, in the manner and upon the conditions above set forth; and the said parties for themselves, their heirs, executors, administrators, successors, and assigns, do hereby agree to the full performance of the covenants herein contained.

ARTICLE 4. The complete Contract consists of the following documents: Notice to Bidders, Proposal, Contract, Specifications and the Plans and/or Drawings. The rights and obligations of the parties herein are governed by all of said documents, which are to be construed as a single Contract. The decision of the of the Town of Los Altos Hills as to the interpretation of said Contract shall be final and binding on the parties hereto.

ARTICLE 5. It is further expressly agreed by and between the parties hereto that the work shall be completed within **THIRTY (30)** working days from and after the commencement of said work.

ARTICLE 6. It is expressly stipulated and agreed that all legal and statutory requirements relating to the execution of this Contract and the notice inviting bids have been met. Any alleged defect or omission in the proceedings preceding the execution of this Contract is hereby waived by the Contractor.

ARTICLE 7. Every contractor will be required to secure the payment of workers compensation to his or her employees. Labor Code Section 1860. The contractor shall post the applicable prevailing wage rate on the project site. Labor Code Section 1771.4. The project is subject to prevailing wages. The

applicable wage rates are available at [www.dir.ca.gov](http://www.dir.ca.gov) and the agency also has access to the applicable prevailing wage rate at [www.losaltoshills.ca.gov](http://www.losaltoshills.ca.gov).

IN WITNESS WHEREOF, the parties have executed this instrument the year and date first above written.

TOWN OF LOS ALTOS HILLS  
A General Law City

\_\_\_\_\_  
City Manager

ATTEST:

\_\_\_\_\_  
City Clerk, Town of Los Altos Hills

CONTRACTOR

By \_\_\_\_\_

Title \_\_\_\_\_

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

STATE OF CALIFORNIA

COUNTY OF \_\_\_\_\_)

On \_\_\_\_\_, 2021, before me, \_\_\_\_\_, Notary Public, personally appeared \_\_\_\_\_, 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, 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)

**GENERAL LIABILITY ENDORSEMENT**

TOWN OF LOS ALTOS HILLS  
 26379 Fremont Road  
 Los Altos Hills, CA 94022  
 Attention: John Chau

**A. POLICY INFORMATION**

1. Insurance Company:		Policy Number:
2. Policy Term: From:	To:	Endorsement Effective Date:
3. Named Insured:		
4. Address of Named Insured:		
5. Limit of Liability Any One Occurrence/Aggregate <b>\$1,000,000/\$3,000,000</b>		
6. Deductible or Self-Insured Retention (Nil unless otherwise specified):		
7. "Claims Made" coverage: Retroactive Date:		
Tails:		

**B. POLICY AMENDMENTS**

This endorsement is issued in consideration of the policy premium. Notwithstanding any inconsistent statement in the policy to which this endorsement is attached or any other endorsement attached thereto it is agreed as follows:

1. **INSURED:** The Town, its elected or appointed officials, employees, and volunteers are included as insured with regard to damages and defense of claims arising from: (a) activities performed by or on behalf of the Named Insured, (b) products and completed operations of the Named Insured, or (c) premises owned, leased or used by the Named Insured.

**CONTRIBUTION NOT REQUIRED:** As respects: (a) work performed by the Named Insured for or on behalf of the Town; or (b) products sold by the Named Insured to the Town, or (c) premises leased by the Named Insured from the Town, the insurance afforded by this policy shall be primary insurance as respects the Town, its elected or appointed officials, employees or volunteers; or stand in an unbroken chain of coverage excess of the Named Insured's scheduled underlying primary coverage. In either event, any other insurance maintained by the Town, its elected or appointed officials, employees or volunteers shall be excess of this insurance and shall not contribute with it.

3. **SCOPE OF COVERAGE:** The policy: (1) if primary, affords coverage at least as broad as Insurance Services Office form for Broad Form Commercial General Liability Insurance and Insurance Services Office form for Broad Form Commercial General Liability endorsement; or (2) if excess, affords coverage which is at least as broad as the Primary Insurance form referenced in the preceding Section (1).

4. **SEVERABILITY OF INTEREST:** The insurance afforded by this policy applies separately to each insured seeking coverage or against whom a claim is made or a suit is brought, except with respect to the Company's limit of liability.

5. **PROVISIONS REGARDING THE INSURED'S DUTIES AFTER ACCIDENT OR LOSS:** Any failure to comply with reporting provisions of the policy shall not affect coverage provided to the Town, its elected or appointed officials, employees or volunteers.

6. **CANCELLATION NOTICE:** The insurance afforded by this policy shall not be suspended, voided, canceled, reduced in coverage or in limits except after THIRTY (30) days prior written notice by Certified Mail Return Receipt Requested have been given to the Town. Such notice shall be addressed as shown in the heading of this endorsement.

C. SIGNATURE OF INSURER OR AUTHORIZED REPRESENTATIVE OF THE INSURER

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

Signature of \_\_\_\_\_  
Authorized Representative  
(original signature on endorsement furnished to the Town)

ORGANIZATION: \_\_\_\_\_ TITLE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_

**AUTOMOBILE LIABILITY ENDORSEMENT**

TOWN OF LOS ALTOS HILLS  
 26379 FREMONT ROAD  
 LOS ALTOS HILLS, CA 94022  
 Attention: John Chau

**A. POLICY INFORMATION**

1. Insurance Company:		Policy Number:
2. Policy Term: From:	To:	Endorsement Effective Date:
3. Named Insured:		
4. Address of Named Insured:		
5. Limit of Liability Any One Occurrence/Aggregate <b>\$1,000,000.00</b>		
6. Deductible or Self-Insured Retention (Nil unless otherwise specified):		
7. "Claims Made" coverage: Retroactive Date:		
Tails:		

**B. POLICY AMENDMENTS**

This endorsement is issued in consideration of the policy premium. Notwithstanding any inconsistent statement in the policy to which this endorsement is attached or any other endorsement attached thereto it is agreed as follows:

1. **INSURED:** The Town, its elected or appointed officials, employees, and volunteers are included as insured with regard to damages and defense of claims arising from: (a) activities performed by or on behalf of the Named Insured, (b) products and completed operations of the Named Insured, or (c) premises owned, leased or used by the Named Insured.

2. **CONTRIBUTION NOT REQUIRED:** As respects: (a) work performed by the Named Insured for or on behalf of the Town; or (b) products sold by the Named Insured to the Town, or (c) premises leased by the Named Insured from the Town, the insurance afforded by this policy shall be primary insurance as respects the Town, its elected or appointed officials, employees or volunteers; or stand in an unbroken chain of coverage excess of the Named Insured's scheduled underlying primary coverage. In either event, any other insurance maintained by the Town, its elected or appointed officials, employees or volunteers shall be excess of this insurance and shall not contribute with it.

3. **SCOPE OF COVERAGE:** This policy affords coverage to the Named Insured which is at least as broad as Insurance Services Office form for Automobile Liability, Code 1 ("any auto").

4. **SEVERABILITY OF INTEREST:** The insurance afforded by this policy applies separately to each insured seeking coverage or against whom a claim is made or a suit is brought, except with respect to the Company's limit of liability.

5. **PROVISIONS REGARDING THE INSURED'S DUTIES AFTER ACCIDENT OR LOSS:** Any failure to comply with reporting provisions of the policy shall not affect coverage provided to the Town, its elected or appointed officials, employees or volunteers.

6. **CANCELLATION NOTICE:** The insurance afforded by this policy shall not be suspended, voided, canceled, reduced in coverage or in limits except after THIRTY (30) days prior written notice by Certified Mail Return Receipt Requested has been given to the Town. Such notice shall be addressed as shown in the heading of this endorsement.

C. SIGNATURE OF INSURER OR AUTHORIZED REPRESENTATIVE OF THE INSURER

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

Signature of \_\_\_\_\_  
Authorized Representative  
(original signature on endorsement furnished to the Town)

ORGANIZATION: \_\_\_\_\_ TITLE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_

**WORKERS COMPENSATION/EMPLOYEES LIABILITY ENDORSEMENT**

TOWN OF LOS ALTOS HILLS  
26379 FREMONT ROAD  
LOS ALTOS HILLS, CA 94022  
Attention: John Chau

A. POLICY INFORMATION

1. Insurance Company:	Policy Number:
2. Endorsement Effective Date:	
3. Named Insured:	
4. Employer's Liability Limits (coverage B) <b>\$1,000,000.00</b>	

B. POLICY AMENDMENTS:

This endorsement is issued in consideration of the policy premium. Notwithstanding any inconsistent statement in the policy to which this endorsement is attached or any other endorsement attached thereto it is agreed as follows:

1. **CANCELLATION NOTICE:** The insurance afforded to this policy shall not be suspended, voided, canceled, reduced in coverage or in limits except after THIRTY (30) days prior written notice by Certified Mail Return Receipt Requested have been given to the Town. Such notice shall be addressed as shown in the heading of this endorsement.

2. **WAIVER OF SUBROGATION:** The Company agrees to waive all rights of subrogation against the Town, its elected or appointed officials, agents and employees for losses paid under the terms of this policy which arise from work performed by the Named Insured for the Town.

C. SIGNATURE OF INSURER OR AUTHORIZED REPRESENTATIVE OF THE INSURER

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

Signature of \_\_\_\_\_  
Authorized representative  
(original signature on endorsement furnished to the Town)

ORGANIZATION: \_\_\_\_\_ TITLE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_

**CERTIFICATE OF INSURANCE**

TOWN OF LOS ALTOS HILLS  
 26379 FREMONT ROAD  
 LOS ALTOS HILLS, CA 94022  
 Attention: John Chau

This certifies that the following described policies have been issued to the insured named below and are in force at this time.

Insured \_\_\_\_\_

Address \_\_\_\_\_

Description of operations/locations/products insured (show Contract name and/or number if any).

POLICIES AND INSURERS	LIMITS		EXPIRATION DATE Policy Number
	Bodily Injury	Property Damage	
Worker's Compensation  Insurer	Employer's Liability \$		
Commercial General Liability  Insurer	Each Occurrence Aggregate	Each Occurrence Aggregate Combined Single Limit	
Business Auto Policy Liability Coverage Symbol Insurer	Each Person Each Accident	Each Accident Combined Single Limit	
Umbrella Liability  Insurer	Occurrence/Aggregate \$ Self-Retention \$		
The following coverages or conditions are in effect:			
Yes <input type="checkbox"/>	No <input type="checkbox"/>	The Town, its officials, and employees are named on all liability policies described above as insured as respects: (a) activities performed for the Town or on behalf of the named insured, (b) products and completed operations of the named insured and (c) premises owned, leased or used by the named insured	
Products and completed operations:			
Yes <input type="checkbox"/>	No <input type="checkbox"/>	The undersigned will mail to the Town 30 days written notice of cancellation or reduction of coverage or limits, cross liability clause (or equivalent wording).	
Yes <input type="checkbox"/>	No <input type="checkbox"/>	Personal Injury, perils A, B, and C.	
Yes <input type="checkbox"/>	No <input type="checkbox"/>	Broad form property damage.	
Yes <input type="checkbox"/>	No <input type="checkbox"/>	X, C, U hazards included.	
Yes <input type="checkbox"/>	No <input type="checkbox"/>	Contractual liability coverage applying to this Contract.	
Yes <input type="checkbox"/>	No <input type="checkbox"/>	Liquor liability.	
Yes <input type="checkbox"/>	No <input type="checkbox"/>	Coverage afforded the Town, its officials, employees and volunteers as an insured applies as primary and not excess or contributing to any insurance issued in the name of the City.	
Yes <input type="checkbox"/>	No <input type="checkbox"/>	Waiver of subrogation from worker's compensation insurer.	

This certificate is issued as a matter of information. This certificate is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate or insurance 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.

\_\_\_\_\_  
Agency or Brokerage

\_\_\_\_\_  
Insurance Company

\_\_\_\_\_  
Address

\_\_\_\_\_  
Home Office

\_\_\_\_\_  
Name of Person to be Contacted

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Telephone

\_\_\_\_\_  
Date

**NOTE:** Authorized signature may be the agent's, if agent has placed insurance through an agency agreement with the insurer. If insurance is brokered, authorized signature must be that of official of insurer.

**TOWN OF LOS ALTOS HILLS  
STATE OF CALIFORNIA**

**PERFORMANCE BOND**

KNOW ALL PERSONS BY THESE PRESENTS:

WHEREAS, the Town of Los Altos Hills, State of California, has awarded to \_\_\_\_\_, hereinafter designated as the "Principal," a contract for the **2021 Pavement Rehabilitation and Drainage Improvement Project**, and WHEREAS, said Principal is required under the terms of said Contract to furnish a bond for the faithful performance of said Contract.

NOW, THEREFORE, we the Principal, and \_\_\_\_\_ as Surety, are held and firmly bound unto the Town of Los Altos Hills in the penal sum of \_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_), lawful money of the United States for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, or assigns jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that if the above bounded Principal, his/her or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions and agreements in said Contract and any alteration thereof made as therein provided, on his/her or their part, to be kept and performed at the time and in the manner therein specified and in all respects according to their true intent and meaning; and shall defend, indemnify and save harmless the Town of Los Altos Hills, its officers and agents as therein stipulated, then this obligation shall become invalid; otherwise it shall be and remain in full force and virtue.

Surety, for value received hereby stipulates and agrees that, in accordance with the Plans, Standard Specifications, Special Provisions and other Contract Documents, no change, extension of time, alteration or addition to the terms of the Contract or to the work to be performed there under or the specifications accompanying the same shall in anywise affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or additions to the terms of the Contract or to the work or to the specifications.

IN WITNESS WHEREOF, the above bounded parties have executed this instrument under their seals this day of \_\_\_\_\_, 2021, the name and corporate seals of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

(Corporate Seal)

\_\_\_\_\_  
Principal

By \_\_\_\_\_

(Acknowledgment)

Title \_\_\_\_\_

(Corporate Seal)

\_\_\_\_\_  
Surety

By \_\_\_\_\_  
Attorneys-in-fact

(Acknowledgment)

Title \_\_\_\_\_

(Seal)

\_\_\_\_\_

(Witness)

Approved as to form:

\_\_\_\_\_  
City

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

STATE OF CALIFORNIA

COUNTY OF \_\_\_\_\_)

On \_\_\_\_\_, 2021, before me, \_\_\_\_\_, Notary Public, personally appeared \_\_\_\_\_, 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, 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)

**TOWN OF LOS ALTOS HILLS  
STATE OF CALIFORNIA**

**PAYMENT BOND**

KNOW ALL PERSONS BY THESE PRESENTS:

WHEREAS, the Town of Los Altos Hills, a General Law City, has awarded to \_\_\_\_\_ hereinafter designated as the "Principal", a contract for the **2021 Pavement Rehabilitation and Drainage Improvement Project**, and

WHEREAS, said Principal is required to furnish a bond with said Contract, to secure payment of claims of laborers, mechanics, or material persons employed on work under said Contract, as provided by law.

NOW, THEREFORE, we the undersigned Principal and Surety are held and firmly bound unto the Town of Los Altos Hills in the sum of \_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_), said sum being equal to the estimated amount payable by said Town of Los Altos Hills under the terms of the Contract, for which payment well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, or assigns jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that if said Principal, his/her or its heirs, executors, administrators, successors, or assigns, or subcontractors shall fail to pay for any material, provisions, provender or other supplies, implements or machinery used in, upon, for or about the performance of the work contracted to be done, or for any work or labor thereon of any kind, or for amounts due under the Unemployment Insurance Code with respect to such work or labor or for any amounts required to be deducted, withheld, and paid over to the Franchise Tax Board from the wages of employees of the Contractor and his/her subcontractors pursuant to the Revenue and Taxation Code, with respect to such work and labor, the Surety or Sureties hereon will pay for the same in an amount not exceeding the sum specified in this bond, otherwise the above obligation shall be voided. In case suit is brought upon this bond, said Surety will pay a reasonable attorney's fee to be fixed by the court.

This bond shall insure to the benefit of all persons, companies and corporations entitled to file claims under Section 3181 of the Civil Code of the State of California so as to give a right of action to them or their assigns in any suit brought upon this bond.

Said Surety, for value received, hereby stipulates and agrees that, in accordance with the Plan, Standard Specifications, Special Provisions and other Contract Documents, no change, extension of time, alteration or addition to the terms of the Contract, or to the work to be performed there under, or to the specifications accompanying the same, shall in anywise affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the work or to the specifications.

IN WITNESS WHEREOF, the above-bounded parties have executed this instrument under their seals this day of \_\_\_\_\_, 2021, the name and corporate seals of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

(Corporate Seal)

\_\_\_\_\_  
Principal

By \_\_\_\_\_

(Acknowledgment)

Title \_\_\_\_\_

(Corporate Seal)

\_\_\_\_\_  
Surety

By \_\_\_\_\_  
Attorneys-in-fact

(Acknowledgment)

Title \_\_\_\_\_

(Seal)

\_\_\_\_\_

(Witness)

Approved as to form:

\_\_\_\_\_

City

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

STATE OF CALIFORNIA

COUNTY OF \_\_\_\_\_)

On \_\_\_\_\_, 2021, before me, \_\_\_\_\_, Notary Public, personally appeared \_\_\_\_\_, 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, 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)

**TOWN OF LOS ALTOS HILLS  
STATE OF CALIFORNIA**

**ESCROW FOR SECURITY DEPOSIT  
IN LIEU OF RETENTION**

This Escrow Agreement is made and entered into by and between the Town of Los Altos Hills, whose address is 26379 Fremont Road, Los Altos Hills, CA 94022, hereinafter called "Town", hereinafter called "Contractor", and \_\_\_\_\_, whose address is \_\_\_\_\_, hereinafter called "Escrow Agent."

For the consideration hereinafter set forth, the Town, Contractor, and Escrow Agent agree as follows:

(1) Pursuant to Section 22300 of the Public Contract Code of the State of California, Contractor has the option to deposit securities with Escrow Agent as a substitute for retention earnings required to be withheld by the Town pursuant to the Construction Contract entered into between the Town and Contractor for **2021 Pavement Rehabilitation and Drainage Improvement Project**, in the amount of \_\_\_\_\_ dated (hereinafter referred to as the "Contract"). Alternatively, on written request of the Contractor, the Town shall make payments of the retention earnings directly to the Escrow Agent. When Contractor deposits the securities as a substitute for Contract earnings, the Escrow Agent shall notify the Town within ten (10) days of the deposit. The market value of the securities at the time of the substitution shall be at least equal to the cash amount then required to be withheld as retention under the terms of the Contract between the Town and Contractor. Securities shall be held in the name of \_\_\_\_\_, and shall designate the Contractor as the beneficial owner.

(2) The Town shall make progress payments to the Contractor for those funds which otherwise would be withheld from progress payments pursuant to the Contract provisions, provided that the Escrow Agent holds securities in the form and amount specified above.

(3) When the Town makes payment of retention earned directly to the Escrow Agent, the Escrow Agent shall hold them for the benefit of the Contractor until the time that the escrow created under this Contract is terminated. The Contractor may direct the investment of the payments into securities. All terms and conditions of this agreement and the rights and responsibilities of the parties shall be equally applicable and binding when the Town pays the Escrow Agent directly.

(4) Contractor shall be responsible for paying all fees for the expenses incurred by Escrow Agent in administering the Escrow Account and all expenses of the Town. These expenses and payment terms shall be determined by the Town, Contractor and Escrow Agent.

(5) The interest earned on the securities or the money market accounts held in escrow and all interest earned on that interest shall be for the sole account of Contractor and shall be subject to withdrawal by Contractor at any time and from time to time without notice to the Town.

(6) The Contractor shall have the right to withdraw all or any part of the principal in the Escrow Account only by written notice to Escrow Agent accompanied by written authorization from Town to the Escrow Agent that Town consents to the withdrawal of the amount sought to be withdrawn by Contractor.

(7) The Town shall have a right to draw upon the securities if there is default by the Contractor. Upon seven days written notice to the Escrow Agent from the Town of the default, the Escrow Agent shall immediately convert the securities to cash and shall distribute the cash as instructed by the Town.

(8) Upon receipt of written notification from the Town certifying that the Contract is final and complete, and that the Contractor has complied with all requirements and procedures applicable to the Contract, Escrow Agent shall release to Contractor all securities and interest on deposit less escrow fees and

charges of the Escrow Account. The escrow shall be closed immediately upon disbursement of all moneys and securities on deposit and payments of fees and charges.

(9) The Escrow Agent shall rely on the written notification from the Town and the Contractor pursuant to Sections (5) to (8) inclusive, of this agreement and the Town and Contractor shall hold Escrow Agent harmless from Escrow Agent's release and disbursement of the securities and interest as set forth above.

(10) The names of the persons who are authorized to give written notice or to receive written notice on behalf of the Town and on behalf of Contractor in connection with the foregoing, and exemplars of their respective signatures, are as follows:

On behalf of Town:

On behalf of Contractor:

\_\_\_\_\_  
Title

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Address

\_\_\_\_\_  
Address

On behalf of Escrow Agent:

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Address

At the time the Escrow Account is opened, the Town and Contractor shall deliver to the Escrow Agent a fully executed counterpart of this Agreement.

IN WITNESS WHEREOF, the parties have executed this Agreement by their proper officers on the date first set forth above.

Town

Contractor

\_\_\_\_\_  
Title

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

**TOWN OF LOS ALTOS HILLS  
STATE OF CALIFORNIA**

**MAINTENANCE BOND**

KNOW ALL PERSONS BY THESE PRESENTS:

WHEREAS, the Town of Los Altos Hills, State of California, has awarded to \_\_\_\_\_, hereinafter designated as the "Principal," a Contract for the **2021 Pavement Rehabilitation and Drainage Improvement Project**, and

WHEREAS, said Principal is required under the terms of said Contract to furnish a bond for the correction of any defects due to defective materials or workmanship in the work performed under said Contract.

NOW, THEREFORE, we the Principal, and \_\_\_\_\_ as Surety, are held and firmly bound unto the Town of Los Altos Hills in the penal sum of \_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_), lawful money of the United States for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, or assigns jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that if, during a maintenance period of one (1) year from the date of acceptance of the contracted work, the Contractor upon receiving written notice of a need for repairs which are directly attributable to defective materials or workmanship, shall diligently take the necessary steps to correct said defects within seven (7) days from the date of said notice, then this obligation shall be invalid; otherwise it shall remain in full force and effect.

If any action shall be brought by Town upon this bond, a reasonable attorney's fee, to be fixed by the Court, shall be and become a part of Town's judgment in any such action.

No right of action shall accrue on this bond to, or for the use of, any person or corporation other than the Town named herein or the heirs, executors, administrator or successor of the Town.

IN WITNESS WHEREOF, the above bounded parties have executed this instrument under their seals this day of \_\_\_\_\_, 2021, the name and corporate seals of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

(Corporate Seal)

\_\_\_\_\_  
Principal

By \_\_\_\_\_

(acknowledgment)

Title \_\_\_\_\_

(Corporate Seal)

\_\_\_\_\_  
Surety

By \_\_\_\_\_  
Attorneys-in-fact

(Acknowledgment)

Title \_\_\_\_\_

(Seal)

(Witness)

\_\_\_\_\_

Approved as to form:

\_\_\_\_\_

City

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

STATE OF CALIFORNIA

COUNTY OF \_\_\_\_\_)

On \_\_\_\_\_, 2021, before me, \_\_\_\_\_, Notary Public, personally appeared \_\_\_\_\_, 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, 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)

**TOWN OF LOS ALTOS HILLS  
PUBLIC WORKS DEPARTMENT**

**SPECIAL PROVISIONS**

**PART 1 - GENERAL PROVISIONS**

Section 1 of the Special Provisions shall conform with Section 1 of the Standard Specifications except as modified herein.

**SECTION 1 - TERMS, DEFINITIONS, ABBREVIATIONS AND SYMBOLS**

**1-1 DEFINITIONS**

The Contractor's attention is directed to Section 1, "Definitions and Terms" of the Standard Specifications. The following paragraphs are added to Section 1 of the Standard Specifications.

Wherever in the Standard Specifications, Plans, Special Provisions or other Contract documents the following definitions and terms are used, the intent and meaning shall be interpreted as follows:

- A. **Agency:** The Town of Los Altos Hills
- B. **Board:** The City Council of the Town of Los Altos Hills
- C. **Town:** The Town of Los Altos Hills
- D. **Engineer:** City Engineer of the Town of Los Altos Hills, State of California, acting either directly or through properly authorized agents, such agents acting within the scope of the particular duties entrusted to them.
- E. **Laboratory:** Laboratories approved and authorized by the Engineer to test materials and work involved in the Contract.
- F. **Standard Specifications:** The State of California Department of Transportation Standard Specifications, 2018 Edition.
- G. **Special Provisions:** Any provisions, which supplement or modify the Standard Specifications, including technical specifications covering construction materials and methods. The State Department of Transportation publication titled Labor Surcharge and Equipment Rental Rates and the State Department of Industrial Relations General Prevailing Wage Rates are to be considered as a part of the special provisions.

## 1-2 ABBREVIATIONS

The Contractor's attention is directed to Section 1-1.06, "Abbreviations", of the Standard Specifications for the definition of commonly used abbreviations. Other abbreviations not defined in the Standard Specifications are given below.

<u>Abbreviation</u>	<u>Word or Words</u>
AB	Aggregate base rock
ASB	Aggregate subbase rock
CY	Cubic yards
EA	Each
JP	Joint utility pole
LBS	Pounds
LF	Linear feet
LS	Lump sum
SF	Square feet
SY	Square yards
TON	Tons (defined as 2000 pounds)
TP	Telephone pole

## **SECTION 2 - PROPOSAL REQUIREMENTS AND CONDITIONS**

### **2-1 GENERAL**

The bidder's attention is directed to the provisions in Section 2, "Bidding," of the Standard Specifications and these special provisions for the requirements and conditions which the bidder must observe in the preparation of the proposal form and the submission of the bid.

In addition to the subcontractors required to be listed in conformance with Section 2-1.10, "Subcontractor List," of the Standard Specifications, each proposal shall have listed therein the portion of work that will be done by each subcontractor listed. A sheet for listing the subcontractors is included in the Proposal.

The form of Bidder's Bond mentioned in the last paragraph in Section 2-1.34, "Bidder's Security," of the Standard Specifications will be found following the signature page of the Proposal.

In conformance with Public Contract Code Section 7106, a Non-Collusion Affidavit is included in the Proposal. Signing the Proposal shall also constitute signature of the Non-Collusion Affidavit.

END OF SECTION

### **SECTION 3 - AWARD AND EXECUTION OF CONTRACT**

The bidder's attention is directed to the provisions in Section 3, "Award and Execution of Contract," of the Standard Specifications and these special provisions for the requirements and conditions concerning award and execution of contract.

The award of the contract, if it be awarded, will be to the lowest responsible bidder whose proposal complies with all the requirements.

The right is reserved to reject all proposals.

Contractor's attention is directed to Section 3-1.04, "Award of Contract" of the Standard Specifications.

The award of contract, if it is awarded, it will be made within 30 days after the opening of bids to the lowest responsible bidder whose proposal complies with all the Contract requirements. If the lowest responsible bidder refuses or fails to execute the Contract, the Town may award the Contract to the second lowest responsible bidder within 45 days after the opening of bids. If the second lowest responsible bidder refuses or fails to execute the Contract, the Town may award the Contract to the third lowest responsible bidder within 60 days after the opening of bids. The periods of time specified above within which the award of Contract may be made shall be subject to extension for such further period as may be agreed upon in writing between the Engineer and the bidder concerned.

All bids will be compared on the basis of the Engineer's estimate of the quantities of work to be done. The Engineer's estimate of construction quantities is approximate only, being given as a basis for the comparison of bids. The Town does not expressly or by implication agree that the actual amount of work will correspond therewith, and reserves the right to change the amount of any class or portion of the work or to omit portions of the work as may be deemed necessary or expedient by the Engineer in accordance with Section 4-1.01, "Work Description", of the Standard Specifications.

END OF SECTION

## **SECTION 4 - SCOPE AND CONTROL OF THE WORK**

The scope and control of work shall be governed by the provisions in Section 4, "Scope of Work" and Section 5, "Control of the Work" of the Standard Specifications and these provisions.

### **4-1 SUBCONTRACTS**

Contractor's attention is directed to Section 5-13, "Subcontracting" of the Standard Specifications.

The listing of proposed subcontractors required by said Section 5-13 of the Standard Specifications shall include a description of the portion of the work which will be done by each subcontractor. A sheet for listing the subcontractors, as required, is included in the proposal.

### **4-2 CONTRACT BONDS**

The successful bidder shall furnish a Payment Bond and a Faithful Performance Bond according to Section 3-1.05, "Contract Bonds" of the Standard Specifications, and as specified below.

The form of said Payment Bond and Faithful Performance Bond can be found with the Contract Documents. Only said bond forms provided by the Town shall be acceptable. The bonds shall be in the amount of at least one-hundred percent (100%) of the amount of the Contract.

The Contractor shall guarantee the entire work constructed under the Contract to be free of defects in material and workmanship for one-year following the date of City Council acceptance of work.

The Contractor shall agree to make, at his/her expense, any repairs or replacements made necessary by defects in materials or workmanship which become evident within said guarantee period.

The Contractor shall further agree to indemnify and hold harmless the Town and Engineer, their officers, agents and employees against and from all claims and liability arising from damage and injury due to said defects.

The Contractor shall make all repairs and replacements within the time indicated on the Maintenance Bond required below upon receipt of written order from the Engineer. If the Contractor fails to make the repairs and replacements within said period of time, the Town may do the work and the Contractor and his/her surety shall be liable to the Town for the cost of the work.

The guarantee and conditions specified above shall be secured by a Guarantee Surety Bond (or Maintenance Bond) which shall be delivered by the Contractor to the Town prior to City Council acceptance of the work. Said bond shall be in the form approved by the Town and executed by a surety company or companies satisfactory to the Town, in the amount of ten (10) percent of the Contract price or \$1,000.00, whichever is greater. Said bond shall remain in force for the duration of the guarantee period specified. The form of said bond can be found among the Contract Documents which is part of these provisions.

In addition to the Contractor's one-year guarantee, upon completion of the project and as a condition of acceptance of the project, the Contractor may be required to deliver to the Engineer written manufacturer warranties from manufacturers and/or subcontractors that guarantee and warrant specific products and installations against defects in materials and workmanship for periods following acceptance of the project. Such manufacturer warranties, if required, shall be so indicated in Sections under "Construction Materials" of the Special Provisions.

#### 4-3 PLANS AND SPECIFICATIONS

The following is added to Section 4-1.02, "Intent of Plans and Specifications" of the Standard Specifications. The work embraced herein shall be done in accordance with the Standard Specifications, 2018 Edition, insofar as the same may apply; and in accordance with the State Department of Industrial Relations General Prevailing Wage Rates, the State Department of Transportation Labor Surcharge and Equipment Rental Rates, the Special Provisions and the Contract Documents.

The Contractor shall not take advantage of any apparent error or omission in the Contract Documents. In the event Contractor discovers any apparent error, discrepancy or omission, he/she shall immediately call upon the Engineer to make a determination and decision on the matter. Should any discrepancy appear, or misunderstanding arises regarding any issue described in the Contract Documents, the explanation of the Engineer in relation thereto shall prevail.

If there is any conflict between the Standard Specifications and the Special Provisions of these Specifications, the Special Provisions shall take precedence and shall be used in lieu of such conflicting portions.

The work shall be performed and completed according to the true spirit, meaning, and intent of the Contract Documents. In addition to the drawings incorporated with or referred to in these Contract Documents, the Engineer shall, from time to time during the progress of the work, furnish such additional drawings as may be necessary to clarify or define the intent of the Contract Documents in greater detail. The Contractor shall make his/her work conform to all such drawings.

The plans for this project shall be as follows:

<u>Sheet Name</u>	<u>Sheet No.</u>		<u>Total</u>
TITLE SHEET	1	OF	27
ADONNA COURT	2	OF	27
ANACAPA DRIVE	3	OF	27
BLACK MOUNTAIN ROAD	4-5	OF	27
BLANDOR WAY	6	OF	27
CHAPIN ROAD	7-8	OF	27
HORSESHOE COURT	9	OF	27
JESSICA LANE	10	OF	27
LUPINE ROAD	11	OF	27
MAPLE LEAF COURT	12	OF	27
PROSPECT AVENUE (ALTERNATE BID)	13-14	OF	27
ROBLE ALTO COURT	15	OF	27
ROBLEDA ROAD	16-18	OF	27
SADDLE COURT	19	OF	27
SALTAMONTES WAY	20	OF	27
TEPA WAY	21	OF	27
THREE FORKS LANE	22	OF	27
TORELLO LANE	23	OF	27
VIA CERRO GORDO	24	OF	27
VIA VENTANA WAY (OVERLAY)	25	OF	27
VIA VENTANA WAY (MICROSURFACING)	25	OF	27
VISCAINO COURT	26	OF	27
DETAILS	27	OF	27

#### **4-4 SHOP DRAWINGS AND SUBMITTALS**

Contractor's attention is directed to the Standard Specifications Section 5-1.23B(2), "Shop Drawings." Approval of drawings by the Engineer shall not relieve the Contractor from the responsibility for errors or omissions in the drawings or from deviations from the Contract Document.

#### **4-5 WORK TO BE DONE**

The work consists, in general, 2" A.C. overlay, 6" digouts, Type II microsurfacing, construct A.C. dike, construct A.C. swale, concrete curb and gutter replacement, pavement markings replacement, utility adjustments, and all associated work, as shown on plans and described in the specifications with the title **2021 Pavement Rehabilitation and Drainage Improvement Project** and on file in the office of the City Engineer.

END OF SECTION

## **SECTION 5 - CHANGES IN WORK**

Changes in work shall be governed by provisions in Section 4, "Scope of Work" of the Standard Specifications, except as modified herein.

### **5-1 CHANGES INITIATED BY THE TOWN**

Contractor's attention is directed to Section 4-1.05, "Changes and Extra Work" of the Standard Specifications.

Changes greater than 25 percent of the total cost of the following Contract items may be made by the Town without adjustment in the Contract unit prices.

### **5-2 EXTRA WORK**

Contractor's attention is directed to Section 4-1.05, "Changes and Extra Work" of the Standard Specifications.

Extra work shall require a signed Contract Change Order, or a written order from Town authorizing Contractor to proceed with extra work for an agreed upon price.

#### **5-2.1 GENERAL**

The following paragraph is added to Section 9-1.05, "Extra Work Performed by Specialists" of the Standard Specifications: When forces or labor used for extra work are not those of the Contractor or subcontractors, such forces or labor shall be treated as subcontractors.

Said forces or labor shall be considered as employees of the Contractor, and the Contractor shall be responsible for their work.

#### **5-2.2 PAYMENT**

The following paragraph is added to Section 4-1.05, "Changes and Extra Work" of the Standard Specifications: When changes in work are to be paid for as extra work in accordance with Section 4-1.05, "Changes and Extra Work" of the Standard Specifications, the labor, materials and equipment used in the performance of such work shall be subject to the approval of the Engineer.

##### **5-2.2.1 FORCE ACCOUNT PAYMENT**

Force account payment shall conform to Section 9-1.04 of the Standard Specification and these Special Provisions.

##### **5-2.2.2 BASIS FOR ESTABLISHING COSTS**

(a) Labor. The costs of labor will be the actual cost for wages of workers performing the extra work at the time the extra work is done, plus employer payments of payroll taxes, workers compensation insurance, liability insurance, health and welfare, pension, vacation, apprenticeship funds, and other direct costs resulting from Federal, State or local laws, as well as assessments or benefits required by lawful collective bargaining agreements. The use of a labor classification which would increase the extra work cost will not be permitted unless the Contractor establishes the necessity for such additional costs. Labor costs for equipment operators and helpers shall be reported only when such costs are not included in the invoice for equipment rental. The labor cost for supervisors shall be proportioned to all of their assigned work and only that applicable to extra work shall be paid.

Non-direct labor costs including superintendence shall be considered part of the markup of Subsections 9-1.04B, "Labor", 9-1.04C, "Material" and 9-1.04D, "Equipment Rental."

(b) Materials. The cost of materials reported shall be at invoice or lowest current price at which such materials are locally available and delivered to the job site in the quantities involved, plus sales tax, freight and delivery.

The Agency reserves the right to approve materials and sources of supply, or to supply materials to the Contractor if necessary for the progress of the Work. No markup shall be applied to any material provided by the Agency.

(c) Tool and Equipment Rental. No payment will be made for the use of tools which have a replacement value of \$200 or less.

Regardless of ownership, the rates to be used in determining equipment rental costs shall not exceed listed rates prevailing locally at equipment rental agencies, or distributors, at the time the work is performed.

The rental rates paid shall include the cost of fuel, oil, lubrication, supplies, small tools, necessary attachments, repairs and maintenance of any kind, depreciation, storage, insurance, and all incidentals. Necessary loading and transportation costs for equipment used on the extra work shall be included. If equipment is used intermittently and, when not in use, could be returned to its rental source at less expense to the Agency than holding it at the work site, it shall be returned, unless the Contractor elects to keep it at the Work site at no expense to the Agency. All equipment shall be acceptable to the Engineer, in good working condition, and suitable for the purpose for which it is to be used. Manufacturer's ratings and manufacturer's approved modifications shall be used to classify equipment and it shall be powered by a unit of at least the minimum rating recommended by the manufacturer.

The reported rental time for equipment already at the work site shall be the duration of its use on the extra work, commencing at the time it is first put into actual operation on the extra work, plus the time required to move it from its previous site and back or to a closer site.

Other Items. The Agency may authorize other items which may be required on the extra work. Such items include labor, services, material and equipment which are different in their nature from those required for the Work and which are of a type not ordinarily available from the Contractor or any of the Subcontractors.

Invoices covering all such items in detail shall be submitted with the request for payment.

Invoices. Vendors' invoices for material, equipment rental, and other expenditures, shall be submitted with the request for payment. If the request for payment is not substantiated by invoices or other documentation, the Agency may establish the cost of the item involved at the lowest price which was current at the time of the report.

### **5-2.2.3 MARKUP**

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

Labor	<b>20</b>
Materials	<b>15</b>
Equipment Rental	<b>15</b>
Other Items and Expenditures	<b>15</b>

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

(b) Work by Subcontractor. When all or any part of the extra work is performed by a Subcontractor, the markup established in Subsection 9-1.04 shall be applied to the Subcontractor's actual cost of such work, and an additional markup of 5 percent may be added by the Contractor. Said additional 5 percent markup shall reimburse the Contractor for additional administrative costs, and no other additional payment will be made by reason of performance of the extra work by a subcontractor.

### **5-3 RESOLUTION OF CONSTRUCTION CLAIMS**

The Contractor's attention is directed to Section 9-1.22, "Arbitration" of the Standard Specifications.

The Section numbers under resolution of construction claims correspond to Section numbers within the California Contract Code.

Exhibit A

ARTICLE 1.5. RESOLUTION OF CONSTRUCTION CLAIMS

Section

- 2012 4. Application of article; inclusion of article in Plans and Specifications.
- 2012 4.2. Claims; requirements; tort claims not covered by this article.
- 20140.4. Civil actions; mediation and arbitration, qualifications and expenses of mediators and arbitrators; trial de novo; witnesses.
- 2012 4.6. Payment by local agency of undisputed portion of claim; interest on arbitration award or judgment.
- 2012 4.8. Duration of article; application of article to Contracts between January 1, 1991 and January 1, 1994.

*Article 1.5 was added by Stats.1990, c.1414 (A.B.4165), § 2.*

Repeal

*Article 1.5 is repealed by § 2012 4.8 on January 1, 1994.*

§ 2012 4. Application of article; inclusion of article in Plans and Specifications

(a) (1) This article applies to all public works claims of three hundred seventy-five thousand dollars (\$375,000) or less which arise between a Contractor and a local agency.

(2) This article shall not apply to any claims resulting from a Contract between a Contractor and a public agency when the public agency has elected to resolve any disputes pursuant to Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2.

(b) (1) "Public Work" has the same meaning as in Sections 3100 and 3106 of the Civil Code, except that "public work" does not include any work or improvement contracted for by the state or the Regents of the University of California.

**Additions or changes are indicated by underline; deletions by asterisks \* \* \***

(2) "Claim" means a separate demand by the Contractor for (a) a time extension, (B) payment of money or damages arising from work done by or on behalf of the Contractor pursuant to the Contract for a public work and payment of which is not otherwise expressly provided for or the claimant is not otherwise entitled to, or (C) an amount the payment of which is disputed by the local agency.

(c) The provisions of this article or a summary thereof shall be set forth in the Plans or Specifications for any work which may give rise to a claim under this article.

(d) This article applies only to Contracts entered into on or after January 1, 1991.  
(Added by Stats.1990, c.1414 (A.B.4165), § 2.)

Historical and Statutory Notes

1990 Legislation: Former § 2012 4 was renumbered § 2012 3.5 and amended by Stats.1990, c.1414 (A.B.4165), §1.

§ 2012 4.2. Claims; requirements; tort claims not covered by this article  
For any claim subject to this article, the following requirements apply:

(a) The claim shall be in writing and include the documents necessary to substantiate the claim. Claims must be filed on or before the date of final payment. Nothing in this subdivision is intended to extend the time limit or supersede notice requirements otherwise provided by Contract for the filing of claims.

(b) (1) For claims of less than fifty thousand dollars (\$50,000), the local agency shall respond in writing to any written claim within 45 days of receipt of the claim, or may request, in

(c) writing, within 30 days of receipt of the claim, any additional documentation supporting the claim or relating to defenses

\* \* \* to the claim the local agency may have against the claimant.

(2) If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of the local agency and the claimant. (3) The local agency's written response to the claim, as further documented, shall be submitted to the claimant within 15 days after the receipt of the further documentation or within a period of time no greater than that taken by the claimant in producing the additional information, whichever is greater.

(c) (1) For claims of over fifty thousand dollars (\$50,000) and less than or equal to three hundred seventy-five thousand dollars (\$375,000), the local agency shall respond in writing to all written claims within 60 days of receipt of the claim, or may request, in writing, within 30 days of receipt of the claim, any additional documentation supporting the claim or relating to defenses \* \* \* to the claim the local agency may have against the claimant.

(2) If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of the local agency and the claimant.

(3) The local agency's written response to the claim, as further documented, shall be submitted to the claimant within 30 days after receipt of the further documentation, or within a period of time no greater than that taken by the claimant in producing the additional information or requested documentation, whichever is greater.

(d) If the claimant disputes the local agency's written response, or the local agency fails to respond within the time prescribed, the claimant may so notify the local agency, in writing, either within 15 days of receipt of the local agency's response or within 15 days of the local agency's failure to respond within the time prescribed, respectively, and demand an informal conference to meet and confer for settlement of the issues in dispute. Upon a demand, the local agency shall schedule a meet and confer conference within 30 days for settlement of the dispute.

(e) \* \* \* Following the meet and confer conference, if the claim or any portion remains in dispute, the claimant may file a claim \* \* \* as provided in Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of Title 1 of the Government Code. For purposes of these provisions, the running of the period of time within which a claim must be filed shall be tolled from the time the claimant submits his or her written claim pursuant to subdivision (a) until the time that claim is denied as a result of the meet and confer process, including any period of time utilized by the meet and

confer process (f). This article does not apply to tort claims and nothing in this article is intended nor shall be construed to change the time periods for filing tort claims or actions specified by Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of Title 1 of the Government Code.

(Added by Stats.1990, c. 1414 (A.B.4165), § 2. Amended by Stats.1991, c. 1029 (A.B.1086), § 1.)

**Additions or changes indicated by underline; deletions by asterisks \* \* \***

Historical and Statutory Notes

1991 Legislation: The 1991 amendment substituted "defenses to the claim" for "defenses or claims" in subds. (b)(1) and (c)(1); inserted "as a result of the meet and confer process," and made other non-substantive changes, subd. (e); and added subd. (f).

§ 2012 4.4. Civil actions; mediation and arbitration; qualifications and expenses of mediators and arbitrators; trial de novo; witnesses

The following procedures are established for all civil actions filed to resolve claims subject to this article:

(a) Within 60 days, but no earlier than 30 days, following the filing or responsive pleadings, the court shall submit the matter to non-binding mediation unless waived by mutual stipulation of both parties. The mediation process shall provide for the selection within 15 days by both parties of a disinterested third person as mediator, shall be commenced within 30 days of the submittal, and shall be concluded within 15 days from the commencement of the mediation unless a time requirement is extended upon a good cause showing to the court or by stipulation of both parties. If the parties fail to select a mediator within the 15-day period, any party may petition the court to appoint the mediator.

(b) (1) If the matter remains in dispute, the case shall be submitted to judicial arbitration pursuant to Chapter 2.5 (starting with Section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure, notwithstanding Section 1141.11 of that code. The Civil Discovery Act of 1986 (Article 3 starting with Section 2021 of Chapter 3 of Title 3 of Part 4 of the Code of Civil Procedure) shall apply to any proceeding brought under this subdivision consistent with the rules pertaining to judicial arbitration. (2) Notwithstanding any other provision of law, upon stipulation of the parties, arbitrators appointed for purposes of this article shall be experienced in construction law, and, upon stipulation of the parties, mediators and arbitrators shall be paid necessary and reasonable hourly rates of pay not to exceed their customary rate, and such fees and expenses shall be paid equally by the parties, except in the case of arbitration where the arbitrator, for good cause, determines a different division. In no event shall these fees or expenses be paid by state or county funds.

(3) In addition to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure, \* \* \* any party \* \* \* who after receiving an arbitration award \* \* \* requests a trial de novo but does not obtain a more favorable judgment shall, in addition to payment of costs and fees under that chapter, \* \* \* pay the attorney's fees \* \* \* of the other party arising out of trial de novo.

(c) The court may, upon request by any party, order any witnesses to participate in the mediation or arbitration process.

(Added by Stats.1990, c. 1414 (A.B.4165), § 2. Amended by Stats.1991, c. 1029 (A.B.1086), § 2.)

Historical and Statutory Notes

1991 Legislation: The 1991 amendment inserted "or by stipulation of both parties," and the last sentence, in subd. (a); inserted subds. (b)(2) and (c); and rewrote and redesignated former subd. (b)(2) as (b)(3), which provision had read: "(2) In addition to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure, (A) arbitrators shall, when possible, be experienced in construction law, and (B) any party appealing an arbitration award who does not obtain a more favorable judgment shall, in addition to payment of costs and fees under that chapter, also pay the attorney's fees on the appeal of the other party."

(a) No local agency shall fail to pay money as to any portion § 2012 4.6 Payment by local agency of undisputed portion of claim; interest on arbitration award or judgment. of a claim which is undisputed except as otherwise provided in the Contract.

(b) In any suit filed under Section 2012 4.4 the local agency shall pay interest at the legal rate on any arbitration award or judgment. The interest shall begin to accrue on the date the suit is filed in a court of law.

(Added by Stats.1990, c. 1414 (A.B.4165), § 2.)

**Additions or changes are indicated by underline; deletions by asterisks \* \* \***

§ 2012 4.8. Duration of article; application of article to Contracts between January 1, 1991 and January 1, 1994

(a) This article shall remain in effect only until January 1, 1994, and as of that date is repealed, unless a later enacted statute, which is enacted before January 1, 1994, deletes or extends that date.

(b) As stated in subdivision (c) of Section 2012 4, any Contract entered into between January 1, 1991, and January 1, 1994, which is subject to this article shall incorporate this article. To that end, these Contracts shall be subject to this article even if this article is repealed pursuant to subdivision (a).

(Added by Stats.1990, c. 1414 (A.B.4165), § 2.)

*End of Exhibit A*

Exhibit B

Article 1.7      MODIFICATIONS, PERFORMANCE, PAYMENT

Section

2012 4.50. Timely progress payments; legislative intent; interest; payment requests

*Article 1.7 was added by Stats.1992, c. 799 (S.B.56), § 2.*

§      2012 4.50 Timely progress payments, legislative intent, interest, payment requests

(a) (1) It is the intent of the Legislature in enacting this Section to require all local governments to pay their Contractors on time so that these Contractors can meet their obligations. In requiring prompt payment by all local governments, the Legislature hereby finds and declares that the prompt payment of outstanding receipts is not merely a municipal affair, but is, instead, a matter of statewide concern.

(2) It is the intent of the Legislature in enacting this article to fully occupy the field of public policy relating to the prompt payment of local governments' outstanding receipts. The Legislature finds and declares that all government officials, including those in local government, must set a standard of prompt payment that any business as in the private sector which may Contract for services should look towards for guidance.

(b) Any local agency which fails to make any progress payment within 30 days after receipt of an undisputed and properly submitted payment request from a Contractor on a construction Contract shall pay interest to the Contractor equivalent to the legal rate set forth in subdivision (a) of Section 685.010 of the Code of Civil Procedure.

(c) Upon receipt of a payment request, each local agency shall act in accordance with both of the following:

(1) Each payment request shall be reviewed by the local agency as soon as practicable after receipt for the purpose of determining that the payment request is a proper payment request.

(2) Any payment request determined not to be a proper payment request suitable for payment shall be returned to the Contractor when practicable, but not later than seven days, after receipt. A request returned pursuant to this paragraph shall be accompanied by a document setting forth in writing the reasons why the payment request is not proper.

(d) The number of days available to a local agency to make payment without incurring interest pursuant to this section shall be reduced by the number of days by which a local agency exceeds the seven-day return requirement set forth in paragraph (2) of subdivision (c).

(e) For purposes of this article:

(1) A "local agency" includes, but is not limited to, a city, including a charter city, a county, and a city and county, and is any public entity subject to this part.

(2) A "progress payment" includes all payments due Contractors, except that portion of the final payment designated by the Contract as retention earnings.

(3) A payment request shall be considered properly executed if funds are available for payment of the payment request, and payment is not delayed due to an audit inquiry by the financial officer of the local agency.

(f) Each local agency shall require that this article, or a summary thereof, be set forth in the terms of any Contract subject to this article.

(Added by Stats.1992, c.799 (S.B.56), § 2.)

*End of Exhibit B*

END OF SECTION

## **SECTION 6 - CONTROL OF MATERIALS**

Attention is directed to Section 6, "Control of Materials" of the Standard Specifications.

All materials, parts, and equipment furnished by the Contractor in the work shall be new, high grade, and free from defects. Quality of work shall be in accord with the generally accepted standards. Material and work quality shall be subject to the Engineer's approval.

END OF SECTION

## **SECTION 7 - UTILITIES**

Attention is directed to Section 5-1.36D, "Non-Highway Facilities" of the Standard Specifications.

The Contractor shall determine the location and depth of all utilities, including service connections, which have been marked by the respective owners and which may affect or be affected by its operations. If no pay item is provided in the Contract for this work, full compensation for such work shall be considered as included in the prices for other items of work.

END OF SECTION

## **SECTION 8 - PROSECUTION, PROGRESS AND ACCEPTANCE OF THE WORK**

The prosecution of work, progress and acceptance of work shall be done according to Section 8, "Prosecution and Progress" of the Standard Specifications except as modified in these provisions.

### **8-1 CONSTRUCTION, SCHEDULE AND COMMENCEMENT OF WORK**

In addition to the requirements of Section 8-1.02, "Schedule," Section 8-1.02B, "Updated Schedule" and Section 8-1.03, "Progress Schedule" of the Standard Specifications, the following shall also apply.

The Contractor shall not begin work until the Town issues the Notice to Proceed. Contractor shall begin work within five (5) working days from the date of issuance of the Notice to Proceed and shall diligently prosecute the work to completion before the expiration of **THIRTY (30) working days**. The Town shall begin charging working days on the fifth day following the date of issuance of the Notice to Proceed.

Prior to the issuance of the Notice to Proceed, a pre-construction conference will be held at the office of the between the Town and the Contractor. The purpose of this meeting shall be to discuss the scope of work, the Plans and Specifications, existing conditions, materials to be ordered, equipment to be used, and all essential matters pertaining to the prosecution of and satisfactory completion of the project as required. The Contractor's representatives at this conference shall include the field superintendent, supervisors, and major subcontractors. The pre-construction conference will be scheduled immediately after the Contract agreement has been approved by the Town.

### **8-2 WRITTEN NOTICE AND REPORT**

Section 8-1.06, "Suspensions" the Standard Specifications is amended to include the following:

If the Contractor desires payment for a delay as specified in Subsection 8-1.07, "Delay", or an extension of time, he/she shall, within seven (7) days after the beginning of the delay, file with the Town a written request and report as to the cause and extent of the delay. Failure by the Contractor to file these items within the time specified will be considered grounds for refusal by the Town to consider such requests.

Upon receipt of a written request for extension of time or payment, the Town shall ascertain the facts and the extent of the delay, and his findings thereon shall be final and conclusive.

### **8-3 WORKING DAY**

The following paragraphs are added to Section 8-1.05, "Time" of the Standard Specifications.

The Contractor's working day activities shall be limited to the hours between 8:00 a.m. and 5:00 p.m., Monday through Friday, excluding designated Town holidays. Deviation from normal working hours will not be allowed without prior written consent of the Engineer.

In the event work is allowed by the Engineer outside of the above working hours, at the request of and for the benefit of the Contractor, inspection service fees may be levied against the Contractor at a rate of \$150 per hour per inspector, including travel time where applicable, with a minimum hourly charge for four (4) hours.

The above charge may also be levied if inspection services are deemed necessary by the Engineer as a matter of public safety or to otherwise insure the quality of the work.

The following are the designated Town holidays:

1. January 1 (New Year's Day)
2. The third Monday in January (Martin Luther King's Birthday)
3. The third Monday in February (President's Day)
4. The last Monday in May (Memorial Day)
5. July 4 (Independence Day)
6. The first Monday in September (Labor Day)
7. The second Monday in October (Columbus Day)
8. November 11 (Veterans' Day)
9. The fourth Thursday in November (Thanksgiving Day)
10. The day after Thanksgiving Day
11. December 24 (Christmas Eve)
12. December 25 (Christmas Day)

#### **8-4 COMPLETION AND ACCEPTANCE**

Contractor's attention is directed to Section 5-1.46, "Final Inspection and Contract Acceptance" of the Standard Specifications.

#### **8-5 LIQUIDATED DAMAGES**

The Contractor's attention is directed to Section 8-1.10, "Liquidated Damages" of the Standard Specifications. The Contractor shall pay the Town of Los Altos Hills the sum of **One thousand (\$1,000.00) per day** for each calendar day delay in completing the work in excess of the number of working days allowed for the Contract. Further, Contractor shall pay the Town of Los Altos Hills the sum of **five hundred (\$500)** per calendar day delay for installing striping work in excess of the number of days allowed from the date of completing paving on each street.

#### **8-6 USE OF IMPROVEMENT DURING CONSTRUCTION**

The following paragraphs are added to the provisions in Section 7-1.03, "Public Convenience" of the Standard Specifications:

Contractor will not be allowed any compensation due to any delay, hindrance, or inconvenience to his/her operation caused by Town's decision to take over all or part of any completed facility or appurtenance.

Full compensation for conforming to the requirements in this Section of the Special Provisions shall be considered as included in the prices paid for the various Contract items of work and no additional compensation will be allowed therefore.

END OF SECTION

## **SECTION 9 - RESPONSIBILITIES OF THE CONTRACTOR**

### **9-0.1 LABOR NONDISCRIMINATION.**

Attention is directed to the following Notice that is required by Chapter 5 of Division 4 of Title 2, California Code of Regulations.

#### **NOTICE OF REQUIREMENT FOR NONDISCRIMINATION PROGRAM (GOV. CODE, SECTION 12990)**

Your attention is called to the "Nondiscrimination Clause", set forth in Section 7-1.01A(4), "Labor Nondiscrimination," of the Standard Specifications, which is applicable to all nonexempt state contracts and subcontracts, and to the "Standard California Nondiscrimination Construction Contract Specifications" set forth therein. The Specifications are applicable to all nonexempt state construction contracts and subcontracts of \$5,000 or more.

### **9-0.2 PREVAILING WAGE.**

Attention is directed to Section 7-1.01K(2), "Wages," of the Standard Specifications.

The general prevailing wage rates determined by the Director of Industrial Relations, for the county or counties in which the work is to be done, are available at the Town of Los Altos Hills, Public Works Department. These wage rates are not included in the Proposal and Contract for the project. Changes, if any, to the general prevailing wage rates will be available at the same location.

### **9-0.3 REMOVAL OF ASBESTOS AND HAZARDOUS SUBSTANCES**

When the presence of asbestos or hazardous substances are not shown on the plans or indicated in the specifications and the Contractor encounters materials which the Contractor reasonably believes to be asbestos or a hazardous substance as defined in Section 25914.1 of the Health and Safety Code, and the asbestos or hazardous substance has not been rendered harmless, the Contractor may continue work in unaffected areas reasonably believed to be safe. The Contractor shall immediately cease work in the affected area and report the condition to the Engineer in writing.

In conformance with Section 25914.1 of the Health and Safety Code, removal of asbestos or hazardous substances including exploratory work to identify and determine the extent of the asbestos or hazardous substance will be performed by separate contract.

If delay of work in the area delays the current controlling operation, the delay will be considered a right of way delay and the Contractor will be compensated for the delay in conformance with the provisions in Section 8-1.09, "Right of Way Delays," of the Standard Specifications.

### **9-0.4 SUBCONTRACTING**

Attention is directed to the provisions in Section 8-5.13, "Subcontracting," and Section 2, "Bidding," and Section 3, "Award and Execution of Contract," of the Standard Specifications and these special provisions.

### **9-0.5 PROMPT PROGRESS PAYMENT TO SUBCONTRACTORS**

Attention is directed to the provisions in Sections 10262 and 10262.5 of the Public Contract Code and Section 7108.5 of the Business and Professions Code concerning prompt payment to subcontractors.

## **9-0.6 PROMPT PAYMENT OF WITHHELD FUNDS TO SUBCONTRACTORS**

The Contractor shall return all moneys withheld in retention from the subcontractor within 30 days after receiving payment for work satisfactorily completed, even if the other contract work is not completed and has not been accepted in conformance with Section 5-1.46, "Final Inspection and Contract Acceptance," of the Standard Specifications. This requirement shall not be construed to limit or impair any contractual, administrative, or judicial remedies otherwise available to the Contractor or subcontractor in the event of a dispute involving late payment or nonpayment by the Contractor or deficient subcontract performance or noncompliance by a subcontractor.

## **9-1 LAWS**

Attention is directed to Section 7-1.01K, "Labor Code Requirements" of the Standard Specifications and these provisions.

The general prevailing wage rates applicable to the County of Santa Clara are listed in the publication titled "General Prevailing Wage Rates." This document is hereby made part of this Contract by reference. Copies of the current versions of this document are on file in the Office of the, 26379 Fremont Road, Los Altos Hills, CA 94022,

The Town will not recognize any claim for additional compensation because of payment by the Contractor of any wage in excess of the prevailing wage rates set forth in the General Prevailing Wage Rates which is part of this Contract. The possibility of wage increases is one element to be considered by the Contractor in determining his/her bid, and will not under any circumstances be considered as a basis of claim against the Town on the Contract.

The Contractor shall comply with Labor Code Sections 1774 and 1775. The Contractor shall forfeit, as a penalty, \$50.00 per each calendar day or portion thereof for each worker paid less than the stipulated prevailing rates in violation of the provisions of the Labor Code and in particular Labor Code Section 1770 to 1780 inclusive. In addition to said penalty, the difference between such stipulated prevailing wage rates and the amounts paid for each worker paid less than the stipulated prevailing wage rates shall be paid to each of said workers by the Contractor.

Attention is directed to Section 1735 of the Labor Code, which reads as follows:

"No discrimination shall be made in the employment of persons upon public works because of the race, religious creed, color, national origin, ancestry, physical handicap, medical condition, marital status, or sex of such persons, except as provided in Section 12940 of the Government Code, and every Contractor for public works violating this Section is subject to all the penalties imposed for a violation of this chapter."

Attention is also directed to the requirements of the California Fair Employment and Housing Act (Government Code Section 12900 through 12996 - Stat. 1980, Chapter 992), to the regulations promulgated by the Fair Employment and Housing Commission to implement said Act, and to the non-discrimination, affirmative action and equal employment opportunity requirements in these Special Provisions.

If the project is funded by fiscal assistance from another governmental entity, Contractor shall comply with all applicable rules and regulations of such fiscal assistance program incorporated into the Special Provisions.

### **9-1.1 PAYROLL RECORDS**

The Contractor and subcontractor's attention is directed to the provisions of Section 1776 of the California Labor Code and to the requirements therein pertaining to the keeping, availability, and filing of accurate payroll

records of all journeymen, apprentices, and other workers performing work under this Contract. The Contractor agrees to comply with the requirements of said section.

Prior to each monthly progress payment, the Contractor shall deliver to the Engineer copies of certified payrolls of its and all subcontractors' forces performing work at the job site (or sites established primarily for the work) for labor compliance purposes and extra/force account considerations. Such records shall be kept current on an effective day or period basis and in a form acceptable to the Engineer. At a minimum, the form shall include the following information:

1. Employee identification by name
2. Employee's address and social security number
3. Employee's craft and classification (in accordance with Director of Industrial Relations' wage determinations)
4. Employee's actual per diem wages (in compliance with Part I, Notice to Contractors, and this Section GC-20, Laws and Regulations)
5. Employee's subsistence and travel allowance (as applicable)
6. Employee's straight time and overtime hours worked each day and week
7. Itemized deductions made from employee's wages
8. Apprentices and ratio of apprentices to journeymen
9. Contractor's or subcontractor's firm or company name, date or period for which applicable wage rates and allowances are effective, and the employer's signature.

The certified payroll records shall be kept on forms provided by the Division of Labor Standards Enforcement, or shall contain the same information as the forms provided by the Division in addition to the above-listed information.

In addition to submitting the certified payrolls to the Engineer, the Contractor shall furnish the records specified in California Labor Code section 1776, including but not limited to the certified payrolls, directly to the Labor Commissioner.

Each payroll record shall contain or be verified by a written declaration that is made under penalty of perjury stating: (1) The information contained in the payroll is true and correct; and (2) The employer has complied with the requirements of California Labor Code Sections 1771, 1811, and 1815 for any work performed by its employees on the Project.

The Contractor shall inform the City of the location of the above payroll records, including the street address, city and county, and shall, within five (5) working days, provide a notice of change of location and address.

The contractor or subcontractor has 10 days in which to comply subsequent to receipt of a written notice requesting certified payroll records. In the event that the contractor or subcontractor fails to comply within the 10-day period, he or she shall, as a penalty to the District, forfeit one hundred dollars (\$100) for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Labor Standards Enforcement, these penalties shall be withheld from progress payments then due. The Contractor is not subject to a penalty assessment pursuant to this section due to the failure of a subcontractor to comply with this section.

Any copy of records made available for inspection as copies and furnished upon request to the public or any public agency by the District shall be marked or obliterated in accordance with California Labor Code section 1776.

Compliance with the above provisions of this Part II, and California Labor Code, Section 1776, shall be the responsibility of the Contractor or subcontractor. Pursuant to Labor Code Section 1771.4, Contractor is required to post all job site notices prescribed by law or regulation that include, but are not limited to, payment of prevailing wages.

### **9-1.2 LIABILITY INSURANCE**

Attention is directed to Section 7-1.06, "Insurance" of the Standard Specifications and these provisions.

Contractor shall procure and maintain for the duration of the Contract insurance against claims for injuries to persons or damages to property which may arise from or with the performance of the work hereunder by the Contractor, his/her agents, representatives, employees or subcontractors. The cost of such insurance shall be considered as included in the prices for the various Contract items of work involved and no additional compensation will be allowed therefore.

**A. Minimum Scope of Insurance.** Coverage shall be at least as broad as:

1. Insurance Services Office form number GL 0002 (Ed. 1/73) covering Comprehensive General Liability and Insurance Services Office form number GL 0404 covering Broad Form Comprehensive General Liability; or Insurance Services Office Commercial General Liability coverage ("occurrence" form CG 0001).
2. Insurance Services Office form number CA 0001 (Ed. 1/78) covering Automobile Liability, code 1 "any auto" and endorsement CA 0025.
3. Workers' Compensation insurance as required by the Labor Code of the State of California and Employers Liability insurance.

**B. Minimum Limits of Insurance.** Contractor shall maintain limits no less than:

1. Commercial General Liability: \$3,000,000 combined single limit, annual aggregate for bodily injury, personal injury and property damage; and with a minimum of \$1,000,000.00 per occurrence.
2. Automobile Liability: \$1,000,000 combined single limit per accident for bodily injury and property damage.
3. Workers' Compensation and Employers Liability: Workers' compensation limits as required by the Labor Code of the State of California and Employers Liability limits of \$1,000,000 per accident.

**C. Deductibles and Self-Insured Retention.** Any deductibles or self-insured retention must be declared to and approved by the Town. At the option of the Town, either the insurer shall reduce or eliminate such deductibles or self-insured retention as respects the Town, its officers, officials and employees; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

**D. Other Insurance Provisions.** The policies are to contain, or be endorsed to contain, the following provisions:

1. General Liability and Automobile Liability Coverage.

- a. The Town, its officers, officials, employees and volunteers are to be covered as insured as respects: liability arising out of activities performed by or on behalf of the Contractor; products and completed operations of the Contractor, premises owned, occupied or used by the Contractor; or automobiles owned, leased, hired or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of the protection afforded to the Town, its officers, officials, employees or volunteers.
- b. The Contractor's insurance coverage shall be primary insurance as respects the Town, its officers, officials, employees and volunteers. Any insurance or self-insurance maintained by the Town, its officers, officials, employees or volunteers shall be excess of the Contractor's insurance and shall not contribute with it.
- c. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Town, its officers, officials, employees or volunteers.
- d. The Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

2. Workers' Compensation and Employers Liability Coverage.

The insurer shall agree to waive all rights of subrogation against the Town, its officers, officials, employees and volunteers for losses arising from work performed by the Contractor for the Town.

3. All Coverage.

Each insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, canceled by either party, reduced in coverage or in limits except after THIRTY (30) days prior written notice by certified mail, return receipt requested, has been given to the Town.

- E. Acceptability of Insurers.** Insurance is to be placed with insurers with a best rating of no less than A:VII.
- F. Verification of Coverage.** Contractor shall furnish Town with certificates of insurance and with original endorsements effecting coverage required by this clause. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements are to be received and approved by the Town before starting work. The Town reserves the right to require complete, certified copies of all required insurance policies, at any time.
- G. Subcontractors.** Contractor shall include all subcontractors as insured under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverage for subcontractors shall be subject to all the requirements stated herein.

**9-1.3 HOLD HARMLESS AND RESPONSIBILITY OF CONTRACTOR**

Contractor shall take all responsibility of the work, shall bear all losses and damages directly or indirectly resulting to him/her, to any subcontractor, to the Town, to Town officers and employees, or to parties designated by the Town, on account of the performance or character of the work, unforeseen difficulties, accidents, occurrences or other causes predicated on active or passive negligence of the Contractor or of any subcontractor. Contractor shall indemnify, defend and hold harmless the Town, its officers, officials, directors,

employees and agents from and against any or all loss, liability, expense, claim costs (including costs of defense), suits, and damages of every kind, nature and description directly or indirectly arising from the performance of the work. This paragraph shall not be construed to exempt the Town, its employees and officers from its own fraud, willful injury or violation of law whether willful or negligent. By execution of this agreement, Contractor acknowledges and agrees that he/she has read and understands the provisions hereof and that this paragraph is a material element of consideration.

Approval of the insurance Contracts does not relieve the Contractor or subcontractors from liability under this paragraph.

#### **9-1.4 RESPONSIBILITY FOR DAMAGE**

Attention is directed to Section 7-1.05, "Indemnification" of the Standard Specifications.

The Town of Los Altos Hills and all officers and employees thereof connected with the work, including but not limited to the Engineer, shall not be answerable or accountable in any manner for any loss or damage that may happen to the work or any part thereof; for any loss or damage to any of the materials or other things used or employed in performing the work; for injury to or death of any person, either work persons or public; or for damage to property from any cause which might have been prevented by the Contractor, or his/her crew, or any one employed by him/her.

It is the intent of the parties that the Contractor will indemnify and hold harmless the Town, its officers and employees from any and all claims, suits or actions as set forth above, regardless of the existence or degree of fault or negligence on the part of the Town, Contractor, subcontractor or employee of any of these, other than the active negligence of the Town, its officers and employees.

#### **9-1.5 FAILURE TO MAINTAIN INSURANCE**

During the term of this Agreement and until final completion and acceptance of work by the Town, the Contractor shall maintain in full force and effect insurance coverage in the forms and amounts specified in the Special Provisions and the Contract Documents. If, at any time during the performance of this Contract, Contractor fails to maintain any item of required insurance in full force and effect, Contractor shall immediately discontinue all work under the Contract and Town will withhold all Contract Payments due or that become due until notice is received by Town that such insurance has been restored in full force and effect and that the premiums therefore have been paid for a period satisfactory to the Town.

#### **9-1.6 REGISTRATION OF CONTRACTORS**

Before submitting bids, Contractors shall be licensed in accordance with the provisions of the State Contractors' License Law, Business and Professions Code 7000 et seq. as amended. Pursuant to California Labor Code section 1771.4, the project that is the subject and purpose of this contract is subject to prevailing wage compliance monitoring by the California Department of Industrial Relations.

Pursuant to California Labor Code section 1771.1, by execution below, the Bidder and its Subcontractors certify that they are registered and qualified to perform public work pursuant to section 1725.5 of the California Labor Code, subject to limited legal exceptions.

## **9-2 PERMITS**

Contractor's attention is directed to Section 7-1.04, "Permits and Licenses" of the Standard Specifications and these provisions. In addition to the requirements of Section 7-1.04, "Permits and Licenses," of the Standard Specifications, the following requirements shall also apply.

Prior to commencement of work, the Contractor shall obtain and pay for all applicable permits from the Town. The following Town permits are required:

### **1. Business License (obtain from Finance Department)**

Contractor shall comply with all conditions set forth in these permits and agreements, and shall bear the full costs of all expenses incurred in such compliance. Full compensation for said expenses incurred for complying with the conditions and requirements of these permits shall be considered included in the various contract items of work, and no addition payment will be made therefore.

Copies of these permits are attached or are available and may be inspected at the offices of the Director of Public Works, 26379 Fremont Road, Los Altos Hills, CA 94022.

Contractor represents and warrants the Town that he/she has all licenses, permits, qualifications and approvals of whatsoever nature which are legally required for Contractor to practice his/her profession. Contractor represents and warrants the Town that Contractor shall, at his/her sole cost and expense, keep in effect at all times during the term of this Agreement any licenses, permits, and approvals that are legally required for Contractor to practice his/her profession.

A Los Altos Hills Business License is required of any person who transacts or conducts any business, trade, profession, calling or occupation in the Town of Los Altos Hills. The Contractor shall submit a copy of his/her receipt or other evidence showing payment of the current Town of Los Altos Hills Business license.

## **9-3 THE CONTRACTOR'S REPRESENTATIVE**

### **9-3.1 INDEPENDENT CONTRACTOR**

At all times during the term of this Agreement, Contractor shall be an independent Contractor and shall not be an employee of Town. The Town shall have the right to control Contractor only insofar as the results of the Contractor's services rendered pursuant to this Agreement.

### **9-3.2 CONTRACTOR NOT AGENT**

Except as Town may specify in writing, Contractor shall have no authority, express or implied, to act on behalf of Town in any capacity whatsoever as an agent. Contractor shall have no authority, express or implied, pursuant to this Agreement to bind Town to any obligation whatsoever.

### **9-3.3 ASSIGNMENT PROHIBITED**

No party to this Agreement may assign any right or obligation pursuant to this Agreement. Any attempted or purported assignment of any right or obligation pursuant to this Agreement shall be voided and of no effect.

## **9-4 PROJECT SITE MAINTENANCE**

### **9-4.1 SOUND CONTROL REQUIREMENTS**

The Contractor's attention is directed to Section 7-1.14, "Noise Control" of the Standard Specifications. The noise level from the Contractor's operations, between the hours of 8:00 a.m. and 5:00 p.m., shall not exceed

86 DBA at a distance of 50 feet. This requirement in no way relieves Contractor from the responsibility for complying with local ordinances regulating noise levels.

Said noise level requirement shall apply to all equipment on the job or related to the job including, but not limited to trucks, transit mixers or transient equipment that may or may not be owned by the Contractor. The use of loud sound signals shall be avoided in favor of light warnings except those required by safety laws for the protection of personnel.

Full compensation for conforming to the requirements of this Section shall be considered as included in the prices paid for the various Contract items of work involved and no additional compensation will be allowed therefore.

#### **9-4.2 CLEAN UP AND DUST CONTROL**

The Contractor's attention is directed to Section 4-1.13, "Clean Up" and Section 14-11.04 "Dust Control" of the Standard Specifications and these provisions: All excess material shall become the property of the Contractor to be disposed of Town property as it sees fit. Full compensation for compliance with this Section shall be considered included in the Contract prices paid for the various items of work and no separate compensation will be made therefore.

#### **9-5 PROTECTION AND RESTORATION OF EXISTING IMPROVEMENTS**

Contractor's attention is directed to Section 5-1.36, "Property and Facility Preservation" of the Standard Specifications.

#### **9-6 PUBLIC CONVENIENCE AND SAFETY**

The Contractor's attention is directed to Section 7-1.03, "Public Convenience" and Section 7-1.04, "Public Safety" of the Standard Specifications.

##### **9-6.1 TRAFFIC AND ACCESS**

The following paragraph is added to Section 7-1.03, "Public Convenience" of the Standard Specifications. Contractor shall not obstruct public pedestrian pathways with construction material or equipment.

##### **9-6.2 STREET CLOSURES, DETOURS, BARRICADES**

The following paragraphs are added to Section 12, "Temporary Traffic Control" of the Standard Specifications. The Contractor's attention is also drawn to Section, 7-1.03 "Public Convenience" and Section 12-4, "Maintaining Traffic" of the Standard Specifications.

The Contractor may establish "No Parking" zones contiguous to the work area by posting signs. The Town will enforce parking restrictions only when the Contractor has posted the proper signs and has notified the County of Santa Clara Sheriff Department a minimum of 48 hours in advance of the required restriction period. Access to private property shall be maintained at all times.

The Contractor shall place signs located one at the beginning of the work area and one at end of the work area for each street. The signs shall be 6 by 4 feet in size. The signs shall be installed two weeks in advance prior to the beginning of work. The signs shall display the following:

PROJECT NAME  
SCHEDULE OF WORK  
CONTACT PHONE NUMBER: TOWN OF LOS ALTOS HILLS, PUBLIC WORKS DEPARTMENT  
"EXPECT DELAYS DURING CONSTRUCTION"

With specific approval by the Engineer the affected portions of the streets listed below may be closed to through traffic: **None**

Access for local residents and businesses shall be maintained. At the end of each working day these streets shall be reopened to through traffic with proper barricades, warning devices and temporary striping. No two adjacent streets shall be closed at the same time during the construction of a given segment. The Contractor shall furnish and maintain all signs, lights, barricades, and flag persons necessary as determined by the Engineer. If these streets are closed, the Contractor shall proceed expeditiously and with consideration for public convenience from the start of excavation to completion of paving.

**The contractor shall submit traffic control plan(s) for Town engineer review and approval two weeks prior to commencing work.** Construction signs, lights, barricades, etc., shall conform to the latest revision on the Manual of Warning Signs, Lights, and Devices for Use in Performance of Work Upon Highways, by the California Department of Transportation.

Flashing arrow signs (24-hour operation) shall be required by Engineer if deemed necessary for safe construction operations at busy streets. All barricades shall have operating warning lights. Barricades shall be placed TWENTY (20) feet center to center maximum.

If a hazardous condition is observed and the Town notifies the Contractor either directly or by telephone, the Contractor shall correct the condition immediately. If the Contractor fails to correct the hazardous condition immediately, the Town reserves the right to install or have installed the necessary lights, barricades, etc. The cost involved shall be deducted from any money due or to become due the Contractor.

Full compensation for compliance with this Section shall be considered as included in the Contract price paid for traffic control and no separate payment will be made therefore.

### **9-6.3 PUBLIC SAFETY**

In addition to the requirements of Section 7-1.04, "Public Safety" of the Standard Specifications, the following shall also be required of the Contractor.

**Contractor must submit one set of a Safety Plans to the City Engineer/ within seven (7) working days from the date the City Council awarded the project.**

It is the Contractor's responsibility to provide for the safety of traffic and the public. Whenever the Contractor's operations create a condition hazardous to traffic or to the public, he/she shall, at his/her expense and without cost to the Town, furnish, erect and maintain such fences, temporary railing, barricades, lights, signs and other devices and take such other protective measures as are necessary to prevent accidents, damage or injury to the public. Such fences, temporary railing, barricades, lights, signs and other devices furnished, erected and maintained by the Contractor, at his/her expense, are in addition to any construction area traffic control devices for which payment is provided for elsewhere in the specifications.

#### **9-6.3.1 SAFETY ORDERS**

Contractor's attention is directed to Section 7-1.02K "Occupational Safety and Health Standards" and Section 7-1.04, "Public Safety" of the Standard Specifications.

The following paragraph is added to Section 7-1.02K(6) of the Standard Specifications:

Notwithstanding any provisions of the Standard Specifications and the Special Provisions, the Contractor shall be solely and completely responsible for conditions of the job site, including safety of all persons and property, during performance of the work. This requirement will apply continuously and will not be limited to normal working hours. Safety and sanitary provisions shall conform to applicable Federal, State, County, and Local Laws, Regulations, Ordinances, Standards and Codes. Where any of these are in conflict, the more stringent requirement shall be followed.

**9-7 ANTITRUST CLAIMS**

Contractor's attention is directed to Section 7-1.02L (2), "Antitrust Claims," of the Standard Specifications.

END OF SECTION

**SECTION 10 - FACILITIES FOR AGENCY PERSONNEL**

Attention is directed to Section 11, "Mobilization" of the Standard Specifications.

END OF SECTION

## SECTION 11 - MEASUREMENT AND PAYMENT

### 11-1 PAYMENTS

#### 11-1.1 WORK NOT ITEMIZED IN THE CONTRACT PRICE SCHEDULE

Full compensation for items of work and/or requirements called for on the Plans, Contract Documents (including the Special Provisions) and/or Standard Specifications but not itemized or included in the Item Price Schedule as a specific bid item shall be considered included by the contractor or bidder in one or more of the various bid items and no additional compensation will be paid, therefore.

#### 11-1.2 RELEASE OF RETENTION

The following paragraphs are added to Section 9-1.17D, "Final Payment and Claims" as follows:

The work will be inspected by the Engineer for acceptance when the Contractor has completed the final inspection punch list items of corrective work. If, in the Engineer's judgment, the work has been completed according to the plans and specifications, the Engineer will recommend acceptance of the work to the City Council at their next meeting. The Council may accept or conditionally accept the project.

The date the City Council accepts the project will be the date the Contractor is relieved from responsibility to protect the work. A lien period of 35 calendar days shall begin from the date Council accepts the project. Final payment of amounts deducted and placed in an escrow account or retained from the final contract amount shall be paid to the Contractor at the end of this lien period. Exception shall be those amounts required by law to be withheld by properly executed and filed notices to stop payment, or as may be authorized by the Contract to be further retained.

#### 11-1.3 PARTIAL AND FINAL PAYMENT

The following paragraph is added to Section 9-1.16, "Partial Payments" and Section 9-1.17, "Payment After Contract Acceptance" of the Standard Specifications:

The making and acceptance of the final payment shall constitute a waiver of all claims by the Town, other than those arising from any of the following: (1) unsettled liens, (2) faulty work appearing within twelve (12) months after final payment, (3) requirements of the specifications, or (4) manufacturer's guarantees. It shall also constitute a waiver of all claims by the Contractor, except those previously made and still unsettled.

#### 11-1.4 MOBILIZATION

The following paragraphs are added to Section 9-1.16D, "Mobilization" of the Standard Specifications.

Mobilization shall consist of preparatory work and operations, including, but not limited to, those necessary for the movement of personnel, equipment, supplies, and incidentals to the project site; for the establishment of all offices, buildings and other facilities necessary for work on the project; and for all other work and operations which must be performed or costs incurred prior to beginning work on the various Contract items on the project site.

Contract lump sum price paid for mobilization shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in mobilization as specified above.

When the Contract does not include a Contract pay item for mobilization, full compensation for any necessary mobilization required shall be considered as included in the prices for the various Contract items of work involved and no additional compensation will be allowed therefore.

END OF SECTION

**SECTION 12 – APPROXIMATE QUANTITY (BASE BID)**

**2021 Pavement Rehabilitation and Drainage Improvement Project**

***Adonna Court***

<b>Item No.</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Estimated Quantity</b>
9	Microsurfacing	SF	9,950
12	Remove and Install Concrete curb and gutter	SF	20
14	Remove and Install Concrete Apron	SF	10
25	Remove and Install Blue Markers	EA	1

***Anacapa Drive***

<b>Item No.</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Estimated Quantity</b>
9	Microsurfacing	SF	51,300
20	Remove and Install "STOP" and Limit Line Markings (Extruded Thermoplastic)	SF	50
21	Remove and Install Detail 22 (Extruded Thermoplastic)	LF	1,770
23	Remove and Install Detail 27B	LF	3,675
25	Remove and Install Blue Markers	EA	2

***Black Mountain Road***

<b>Item No.</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Estimated Quantity</b>
3	6' Wedge Grind	LF	2,630
4	10' Conform Grind	SF	1,480
5	2" A.C. Overlay	TON	805
6	6" Digouts	SF	3,962
10	Remove existing AC dike	LF	193
11	Install AC dike (Type F)	LF	320
16	Remove rock/existing AC swale and install 3' wide AC swale	LF	742
17	Adjust Manholes to Grade	EA	9
18	Adjust Monuments to Grade	EA	4

21	Remove and Install Detail 22 (Extruded Thermoplastic)	LF	2,610
19	Remove and Install "STOP AHEAD"	SF	106
20	Remove and Install "STOP" and Limit Line Markings (Extruded Thermoplastic)	SF	145
23	Remove and Install Detail 27B	LF	742
25	Remove and Install Blue Markers	EA	3

***Blandor Way***

<b>Item No.</b>	<b><i>Item Description</i></b>	<b>Unit of Measure</b>	<b>Estimated Quantity</b>
3	6' Wedge Grind	LF	1,010
4	10' Conform Grind	SF	1,260
5	2" A.C. Overlay	TON	250
6	6" Digouts	SF	369
11	Construct A.C. Dike (Type F)	EA	110
17	Adjust Manholes to Grade	EA	6
18	Adjust Monuments to Grade	EA	2
20	Remove and Install Detail 27B (Right Edgelines) (Extruded Thermoplastic)	SF	50
21	Remove and Install Detail 27B (Right Edgelines) (Extruded Thermoplastic)	LF	820
25	Remove and Install Blue Markers	EA	4

***Chapin Road***

<b>Item No.</b>	<b><i>Item Description</i></b>	<b>Unit of Measure</b>	<b>Estimated Quantity</b>
6	6" Digouts	SF	1,573
9	Microsurfacing	SF	29,000
20	Remove and Install "STOP" and Limit Line Markings (Extruded Thermoplastic)	SF	50
21	Remove and Install Detail 22 (Extruded Thermoplastic)	LF	1,300
25	Remove and Install Blue Markers	EA	1

***Horseshoe Court***

<b>Item No.</b>	<b><i>Item Description</i></b>	<b>Unit of Measure</b>	<b>Estimated Quantity</b>
-----------------	--------------------------------	------------------------	---------------------------

3	6' Wedge Grind	LF	1,005
4	10' Conform Grind	SF	470
5	2" A.C. Overlay	TON	155
6	6" Digouts	SF	532
12	Remove and Install Concrete Curb and Gutter	SF	42
13	Remove and Install Rolled Concrete Curb	SF	78
14	Remove and Install Concrete Apron	SF	20
18	Adjust Monuments to Grade	EA	5
25	Remove and Install Blue Markers	EA	1

**Jessica Lane**

<b>Item No.</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Estimated Quantity</b>
9	Microsurfacing	SF	10,400
20	Remove and Install "STOP" and Limit Line Markings (Extruded Thermoplastic)	SF	45
25	Remove and Install Blue Markers	EA	2

**Lupine Road**

<b>Item No.</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Estimated Quantity</b>
9	Microsurfacing	SF	28,200
25	Remove and Install Blue Markers	EA	1

**Maple Leaf Court**

<b>Item No.</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Estimated Quantity</b>
9	Microsurfacing	SF	5,800
25	Remove and Install Blue Markers	EA	1

**Roble Alto Court**

<b>Item No.</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Estimated Quantity</b>
9	Microsurfacing	SF	7,150
20	Remove and Install "STOP" and Limit Line Markings (Extruded Thermoplastic)	SF	45
25	Remove and Install Blue Markers	EA	1

***Robleda Road***

<b><i>Item No.</i></b>	<b><i>Item Description</i></b>	<b><i>Unit of Measure</i></b>	<b><i>Estimated Quantity</i></b>
22	Remove Detail 23 and Install Detail 22 (Extruded Thermoplastic)	LF	1,110
24	Install Detail 27B	LF	14,654

***Saddle Court***

<b><i>Item No.</i></b>	<b><i>Item Description</i></b>	<b><i>Unit of Measure</i></b>	<b><i>Estimated Quantity</i></b>
9	Microsurfacing	SF	16,650
20	Remove and Install "STOP" and Limit Line Markings (Extruded Thermoplastic)	SF	45
25	Remove and Install Blue Markers	EA	2

***Saltamontes Drive***

<b><i>Item No.</i></b>	<b><i>Item Description</i></b>	<b><i>Unit of Measure</i></b>	<b><i>Estimated Quantity</i></b>
9	Microsurfacing	SF	23,400
25	Remove and Install Blue Markers	EA	1

***Tepa Way***

<b><i>Item No.</i></b>	<b><i>Item Description</i></b>	<b><i>Unit of Measure</i></b>	<b><i>Estimated Quantity</i></b>
6	6" Digouts	SF	1,050
9	Microsurfacing	SF	19,820
25	Remove and Install Blue Markers	EA	1

***Three Forks Lane***

<b><i>Item No.</i></b>	<b><i>Item Description</i></b>	<b><i>Unit of Measure</i></b>	<b><i>Estimated Quantity</i></b>
3	6' Wedge Grind	LF	215
4	10' Conform Grind	SF	435
5	2" A.C. Overlay	TON	265
7	Install leveling course	TON	1
17	Adjust Manholes to Grade	EA	2
18	Adjust Monuments to Grade	EA	2

20	Remove and Install "STOP" and Limit Line Markings (Extruded Thermoplastic)	SF	43
25	Remove and Install Blue Markers	EA	1

**Torello Lane**

<b>Item No.</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Estimated Quantity</b>
3	6' Wedge Grind	LF	870
4	10' Conform Grind	SF	625
5	2" A.C. Overlay	TON	115
6	6" Digouts	SF	1,363
17	Adjust Manholes to Grade	EA	3
18	Adjust Monuments to Grade	EA	1
25	Remove and Install Blue Markers	EA	1

**Via Cerro Gordo**

<b>Item No.</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Estimated Quantity</b>
3	6' Wedge Grind	LF	1,470
4	10' Conform Grind	SF	380
5	2" A.C. Overlay	TON	195
6	6" Digouts	SF	404
12	Remove and Install Concrete Curb and Gutter	SF	111
13	Removed and Install Rolled Concrete Curb	SF	90
14	Removed and Install Concrete Apron	SF	116
15	Removed and Install 4' wide Concrete Valley Gutter	SF	184
17	Adjust Manholes to Grade	EA	2
18	Adjust Monuments to Grade	EA	3
25	Remove and Install Blue Markers	EA	1

**Via Ventana Way (Overlay)**

<b>Item No.</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Estimated Quantity</b>
3	6' Wedge Grind	LF	3,340
4	10' Conform Grind	SF	600
5	2" A.C. Overlay	TON	405
6	6" Digouts	SF	1,020

17	Adjust Manholes to Grade	EA	2
18	Adjust Monuments to Grade	EA	4
20	Remove and Install "STOP" and Limit Line Markings (Extruded Thermoplastic)	SF	46
21	Remove and Install Detail 22 (Extruded Thermoplastic)	LF	155
25	Remove and Install Blue Markers	EA	4

***Via Ventana Way (Microsurfacing)***

<b><i>Item No.</i></b>	<b><i>Item Description</i></b>	<b><i>Unit of Measure</i></b>	<b><i>Estimated Quantity</i></b>
9	Microsurfacing	SF	102,000
25	Remove and Install Blue Markers	EA	1

***Viscaino Court***

<b><i>Item No.</i></b>	<b><i>Item Description</i></b>	<b><i>Unit of Measure</i></b>	<b><i>Estimated Quantity</i></b>
3	6' Wedge Grind	LF	1,470
4	10' Conform Grind	SF	380
5	2" A.C. Overlay	TON	195
6	6" Digouts	SF	1,754
17	Adjust Manholes to Grade	EA	2
18	Adjust Monuments to Grade	EA	3
25	Remove and Install Blue Markers	EA	1

**SECTION 12 – APPROXIMATE QUANTITY (ALTERNATE BID)**  
**2021 Pavement Rehabilitation and Drainage Improvement Project**

**Prospect Avenue**

Item No.	Item Description	Unit of Measure	Estimated Quantity
26	6' Wedge Grind	LF	850
27	10' Conform Grind	SF	935
28	2" A.C. Overlay	TON	554
29	6" Digouts	SF	885
31	Install AC dike (Type F)	LF	35
32	Remove Rock and Install 3' wide AC swale	LF	310
33	Adjust Manholes to Grade	EA	10
34	Adjust Monuments to Grade	EA	3
35	Remove and Install "STOP AHEAD"	SF	53
36	Remove and Install "STOP" and Limit Line Markings (Extruded Thermoplastic)	SF	45
37	Remove and Install Detail 22 (Extruded Thermoplastic)	LF	1,785
38	Install Detail 27B	LF	310
39	Remove and Install Blue Markers	EA	3

END OF SECTION

**SECTION 13 & 14 (BLANK)**

## **PART 2 - CONSTRUCTION METHODS & MATERIALS**

Materials for this project shall conform to the State of California Department of Transportation Standard Specifications, 2018 Edition.

### **SECTION 15 - GENERAL REQUIREMENTS**

The Contractor shall furnish all labor, materials, equipment, and incidentals required to perform all operations in connection with the project, in accordance with the lines, grades, design and dimensions shown on the Plans, the Standard Specifications and these Specifications.

#### **15-1 SCOPE OF WORK**

The project consists of installing improvements on specific streets identified under Section 10-1 of these Special Provisions. The general work includes:

- a. Pavement section repair and overlay.
- b. Installing street striping, pavement markings and markers.
- c. Performing other miscellaneous work as required in the plans or specifications.

The site is presently in the condition it will be at the commencement of work. Failure to visit the site will not relieve the Contractor from the responsibility of executing the job as required by the Plans and Specifications.

The Contractor shall verify the location of all features pertaining to this work and resolve any discrepancies with the Engineer before commencing work.

#### **15-2 PUBLIC RELATIONS**

Attention is directed to Sections 7-1.03 of the General Provisions regarding public convenience, safety, indemnification and preservation of property.

#### **15-3 PROTECTION OF UTILITIES**

Attention is directed to Section 5-1.36, "Property and Facility Preservation," of the General Provisions. Major utilities are shown on the plans; minor lines such as water, gas, electric, telephones, sewer lines, etc., may not be precisely located. It shall be the sole responsibility of the Contractor to determine the exact depth and location of all major and minor utilities on site whether indicated on plans or not by potholing. Utility lines, such as services damaged by the Contractor's work, shall be promptly repaired at the Contractor's expense; and no additional compensation will be allowed therefor.

The Contractor shall notify each Utility Company before excavating near its facility. Call USA (Underground Service Alert) at 1 (800) 227-2600 before starting any excavation.

#### **15-4 PERMITS AND LICENSES**

The Contractor and each of his/her subcontractors shall obtain a Town Business License from the Town Finance Department and pay the permit fee prior to starting work.

## **15-5 EXISTING IMPROVEMENTS**

Attention is directed to the fact that the Plans and Specifications generally make no attempt to show trees, shrubs, lawns, landscape irrigation systems and other improvements within the work area.

Trees, shrubs, lawns, irrigation systems and other landscape improvements damaged by the Contractor or subcontractor shall be the Contractor's responsibility; and he/she shall replace or repair same as the existing at his/her own expense and shall be solely liable therefor.

All required construction shall match existing or otherwise shall be in accordance with the Town Standards, or as directed by the Engineer.

## **15-6 DUST CONTROL**

Attention is directed to Section 10-5 of the General Provisions. The application of sufficient water or dust palliative to prevent the spread of dust shall be included in the price bid for the various items of work.

The rate and number of applications shall be at the initiative of the Contractor, or as directed by the Engineer.

The Contractor shall provide the water to be used on the project site from his/her resources and pay for the cost of water used in construction; and no additional payment will be allowed therefore.

## **15-7 PUBLIC CONVENIENCE AND SAFETY**

Reference is made to Section 7-1.03 of the General Provisions. The Contractor shall be responsible for providing barricades and warning signs at the job site.

Full compensation for furnishing all safety devices, barricades, etc., shall be included in the price bid; and no additional compensation shall be allowed therefore.

### **15-7.1 TRAFFIC CONTROL AND CONSTRUCTION AREA SIGNS**

#### **15-7.1.1 GENERAL**

Traffic control shall meet the requirements of Section 12-1.03, "Public Safety" of the Special Provisions and the same section of the Standard Specifications, and these Provisions. For streets next to Caltrans right-of-way, traffic control shall meet the requirements of the Caltrans Encroachment Permit.

The Contractor shall install and maintain construction area signs on all approaches to the various work sites throughout the duration of the construction activities.

The Contractor shall submit a traffic control plan for each street work area for approval by the Engineer. At major intersections, the Contractor shall use flag persons to control traffic during construction. Flashing arrow boards shall be used to control traffic on all streets where necessary and as directed by the Engineer.

If any component in the traffic control system is displaced, or ceases to operate or function as specified, from any cause, during the progress of the work, the Contractor shall immediately repair said component to its original condition or replace said component and shall restore the component to its original location.

When lane closures are made for work periods only, at the end of each work period, all components of the traffic control system, except portable delineators placed along open trenches or excavation next to the traveled way shall be removed from the traveled way. If the Contractor so elects, said components may be stored at selected central locations, approved by the Engineer, within the limits of the street right-of-way.

**15-7.1.2 CONSTRUCTION AREA SIGNS**

Construction area signs shall be installed at the locations shown on the plans and as directed by the Engineer according to the current State of California Manual of Traffic Controls.

All construction area signs shall conform to the nominal dimensions, color and legend requirements of the plans, the current Manual of Traffic Controls and these Specifications. All sign panels shall be the product of a commercial sign manufacturer, and shall be as specified in these Specifications, all shall include the Contractor's name and phone number on back.

Sign panels for all construction area signs shall be visible at 500 feet and legible at 300 feet, at noon on a cloudless day and at night under illumination of legal low beam headlights, by persons with vision of or corrected to 20/20.

The Contractor shall clean all construction area sign panels at the time of installation and as often thereafter as the Engineer determines to be necessary.

Used signs with the specified sheeting material will be considered satisfactory if they conform to the requirements for visibility and legibility and the colors conform to the requirements of the current Manual of Traffic Controls. A significant difference between day and nighttime reflective color will be grounds for rejecting signs.

Construction signs shall be installed as follows:

The height to the bottom of the sign panel above the edge of traveled way shall be at least 5 feet, except when the sign is located in the path of pedestrians or bicycles the height to the bottom of the sign panel above the edge of the traveled way shall be at least 7 feet. C-4, C-6 and W-33 signs shall be placed on Type I barricades, with operating flashers immediately next to the work.

Construction area sign posts may be installed on above ground temporary platform sign posts or supports as approved by the Engineer, or the signs may be installed on existing lighting standards or other supports as approved by the owner of the support. When construction area signs are installed on existing lighting standards, holes shall not be made in the standards to support the sign.

**Portable programmable message boards shall be installed at least 7 days prior to start of construction.**

**15-7.2 MEASUREMENT AND PAYMENT**

The Contract lump sum price for traffic control and construction area signs shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in furnishing construction area signs required for the direction of public traffic through or around the work and for erecting or placing, maintaining (including covering and uncovering as needed) and, when no longer required, removing construction area signs at locations shown on the plans, as specified in the Standard Specifications, these Special Provisions, and as directed by the Engineer.

Full compensation for furnishing, erecting, maintaining and removing any additional construction area signs the Engineer may deem necessary will be considered as included in price paid for construction area signs and no additional compensation will be allowed therefore.

**15-8 NOTIFICATION**

At least 48 hours prior to commencement of work, the Contractor shall notify the following agencies:

- |   |                |
|---|----------------|
| Town of Los Altos Hills Public Works Department | (650) 941-7222 |
| County of Santa Clara Sheriff Department        | (408) 808-4400 |
| Santa Clara County Fire Department              | (408) 299-3144 |

Underground Service Alert (USA)  
Green Waste Recovery, Inc.

(800) 227-2600  
(650) 947-4994

The Contractor shall also notify all Utility Companies that have underground facilities within the limits of work, and cause them to locate their utility lines through pavement markings or other appropriate measures. The Contractor shall keep the County of Santa Clara Sheriff Department and Santa Clara County Fire Department informed daily regarding barricades and detours.

#### **15-9 CONVEYANCE AND STORAGE**

Except where otherwise specified, the Contractor shall furnish all necessary means of conveyance to transfer material to its proper work site or storage, and shall pay all costs of the right-of-way rents or leases thereby made necessary.

As required, adequate precautions shall be taken by the Contractor to protect and preserve stored items, including providing fencing, etc. At no time will the Town be responsible for preservation or protection of items stored on Town property or elsewhere. Upon completion of work all right-of-way areas permitted to be used as storage shall be returned to its original condition.

Construction materials and equipment to be utilized during any given day may be stored next to the trenches or structures to utilize said materials and equipment, within the temporarily closed street area. However, all such materials and equipment either shall be utilized or removed at the close of each day. At no time shall such materials or equipment remain overnight without the prior permission of the Engineer.

In addition, at no time shall such items be stored in sidewalk areas back of curb, nor shall such storage interfere with maintenance of traffic requirements.

#### **15-10 EXCESS MATERIAL**

Excavated material, which is not to be salvaged, shall become the property of the Contractor to be disposed of at approved disposal sites.

The cost of this disposal shall be considered included in the various bid items and no additional compensation will be allowed therefore.

#### **15-11 POLLUTION CONTROL**

The Contractor shall follow all requirements of the Bay Area Air Quality Management District (939 Ellis Street, San Francisco, CA – (415) 771-6000).

#### **15-12 STAKING**

Control line staking, elevation control, detailed construction staking, and layout shall be the Contractor's responsibility.

#### **15-13 SCHEDULING OF WORK**

Contractor shall submit to the Engineer a practical progress schedule pursuant to Section 8-1.02D(5) of the Standard Specifications. This schedule shall be submitted at the pre-construction meeting. It is essential that the project continues in accordance to an established schedule.

#### **15-14 RECORD DRAWING**

The Contractor shall maintain record drawings showing actual installations including existing utilities incorrectly shown on the plans including changes made in the contract.

At the completion of the project, a clearly marked set of drawings shall be turned over to the Engineer. Failure to meet this requirement shall result in the Town deducting two (2%) per cent of the final contract amount from the Contract.

#### **15-15 SUBSTITUTION FOR MATERIALS SPECIFIED**

All materials and items furnished must meet the requirements of the Drawings and Specifications as to quality, performance, suitability, and appearance.

Where materials are offered by the Contractor as similar or equivalent to that specified, approval of the Engineer must be obtained after execution of the Contract Agreement between the Contractor and the Town.

No approval of any nature will be granted during the bidding period and no oral statement made by the Engineer or his representative shall be construed as granting approval.

Any proposed substitutions will be judged on the basis of quality, suitability, performance, and appearance. The reputation of the manufacturer, availability of repair and replacement parts and time of delivery will also be considered.

The request for approval of substitutions shall state the credit, if any, to the Town arising because of the use of such substitutions. In any event, all costs resulting from substitutions shall be borne by the Contractor at no cost to the Town.

#### **15-16 INQUIRIES DURING BID PERIOD**

If any person contemplating submitting a bid for the proposed Contract is in doubt as to the true meaning of any part of the Plans, Specifications or other proposed contract drawings, or finds discrepancies in, or omissions from the drawings or specifications shall submit a written or fax transmittal to the Engineer at (650) 941-3160. No telephone requests will be accepted for an interpretation or corrections associated with this project.

The person submitting the request will be responsible for its prompt delivery. Any interpretation or correction of the proposed document will be made only by addendum duly issued, and a copy of such addendum will be mailed to each person receiving a set of such documents. The owner will not be responsible for any other explanations or interpretations of the proposed documents.

Any addenda or bulletins issued during the time of bidding, or a forming a part of the documents issued to the bidder for the preparation of his/her bid, shall be covered in the bid and shall be made a part of the Contract.

#### **15-17 POSTING NOTICE AND NOTIFICATION TO RESIDENTS**

Work includes posting notice along the streets where work will be done and notifying residents by hand-delivered mail, and advising them of the work to be done so they do not park their cars next to the work site. Notices shall be posted at every 100 feet interval a minimum of 72 hours prior to work.

#### **MEASUREMENT AND PAYMENT**

No separate payment shall be allowed for posting notices and notifying residents. Full compensation for furnishing all labor, materials, tools, equipment, and for doing the work required as specified in the Specifications and as directed by the Engineer shall be included in the lump sum price bid for traffic control and notifying residents; and no additional compensation will be allowed therefore.

## **15-18 CONSTRUCTION UTILITIES**

### **a. Water and Power**

The Contractor shall provide power as required for the work.

The Contractor shall contact the Purissima Hills Water District and the California Water Service Company to obtain permissions for water usage.

No separate payment will be made for water or applying water. The cost shall be included in the respective unit bid prices to which it applies.

### **b. Sanitary Facilities**

The Contractor shall provide adequate toilet facilities for all workers and representatives of the Owner employed on the work. Each facility shall be subject to the approval of the Engineer as to location and type.

The Contractor shall maintain them in sanitary condition from the beginning of the work until completion and shall then remove the facilities and disinfect the premises. All portions of the work shall be maintained at all times in a sanitary condition.

No separate payment will be made for supplying toilet facilities. The cost shall be included in the unit bid price for mobilization.

## **15-19 SUBMITTALS**

Provide three (3) copies of literature, shop drawings, samples, etc., of the following items according to Section 6 of the Standard Specifications.

- Asphalt concrete materials
- Construction area sign
- Any material whose submittal is deemed necessary by the Engineer

Certificate of Compliance stating that material and/or equipment furnished complies with the Specifications and, for equipment, is one of the named brands or an approved equivalent.

END OF SECTION

## **SECTION 16 - SITE-WORK**

### **16-1 SITE PREPARATION**

#### **16-1.1 SCOPE OF WORK**

Work required under this section consists of furnishing all labor, materials, tools, equipment, and services incidental and necessary for the work shown on the plans and as applicable. The work may include removing asphalt concrete pavement sections to the sub grade, remove existing concrete curb, gutter and sidewalk to the sub grade, and other obstructions interfering with the proposed work. All work under this Section shall be done according to these Specifications and in conformity with Contract Documents and with applicable portions of Sections 15 and 16 of the Standard Specifications of the State of California.

#### **16-2 LIMITS OF CLEARING**

Work shall be limited to the area within the site boundaries or the area next to the line of work and to such width as will allow excavation, storage area alongside the trench for material excavated, and an area for material storage and for any haul roads that may be necessary. The Contractor is not allowed to clear behind the limits of the property or construction easement or extend his/her operations into private properties.

#### **16-3 CLEARING OPERATIONS**

Clearing operations shall be conducted as required for construction of the project and within the limits described or shown on the drawings. Clearing shall consist of the removal and disposal or replacement of those items that interfere with the work.

All asphalt concrete pavement sections and aggregate base, cement concrete, trash, and obstructions, within the area to be cleared shall be removed and disposed of by the Contractor unless otherwise directed by the Engineer. The refuse resulting from the clearing operation shall be hauled to a waste site secured by the Contractor and shall be disposed of in such a manner as to meet all requirements of the State, County, and Municipal Regulations regarding health, safety and public welfare.

Contract lump sum price paid for the demolition of existing structures and site preparation shall include full compensation for the removal and disposal of cement concrete, asphalt concrete pavement section to the sub grade, including the removal of pavement and concrete sections needed for the planting of trees, and refuse generated by clearing operations.

The Contractor shall be responsible for all damages to existing improvements including private property resulting from his/her operations.

#### **16-4 REMOVE EXISTING CONCRETE**

Special precaution shall be taken to protect existing improvements and landscaping behind the existing sidewalk or curb & gutter. All concrete shall be removed to an expansion joint or saw cut score mark.

Full compensation for the removal and disposal of cement concrete shall be considered included in the contract lump sum price for demolition of existing structures and site preparation, and no additional compensation will be allowed therefore.

**16-5 REMOVE EXISTING ASPHALT PAVEMENT**

Where removal and replacing of asphalt concrete pavement sections are required, a straight neat cut with a power-driven saw and/or grinding machine, as needed, shall be made before removing asphalt concrete. Where trees or landscaping are to be planted, the asphalt concrete or cement concrete section, including existing aggregate base shall be removed to the sub grade to allow for proper growth of plant materials.

Full compensation for asphalt concrete removal shall be included in the contract lump sum price for demolitions of existing structures and site preparation; and no additional compensation will be allowed therefore.

**16-6 TREE ROOTS PRUNING**

All tree roots encountered within the proposed construction, including but not limited to curb, gutter, sidewalk, driveways, handicap ramps and digouts sections shall be cut and removed to a depth of 12-inches below finished grade. Backfill to bottom of sub grade with clean native soil, free of organics and tree root material or import topsoil, and compact to 95 percent relative compaction for areas to be paved or installed with concrete. No additional compensation will be allowed for tree roots pruning.

**16-7 MEASUREMENT AND PAYMENT**

No measurement of quantities will be made for clearing and grubbing, concrete removal and asphalt concrete removal or refuse generated by clearing and grubbing operations. Full compensation for the removal and disposal of cement concrete structures and asphalt concrete pavement sections to the sub grade, and refuse generated by clearing operations shall be considered included in the contract unit price for digouts, curb & gutter, and no additional compensation will be allowed therefore.

No separate payment shall be made for removal and relocation of existing fences, if any. Full compensation for furnishing all labor, material, equipment, transportation, incidentals, for doing the required work shall be included in the contract price paid for mobilization and no additional compensation shall be allowed therefore.

No separate measurement or payment for roots pruning and meeting the above requirements on tree root pruning will be made. Compensation for meeting these requirements shall be considered included in the related concrete or paving work associated with curb, gutter, sidewalk, driveway, handicap ramps, and digouts sections; and no additional compensation will be paid therefore.

END OF SECTION

## **SECTION 17 - EARTHWORK**

### **17-1 SCOPE OF WORK**

Work required under this Section consists of furnishing all necessary labor, materials, tools, equipment and services in connection with and reasonably incidental to the loosening, removing, loading, transporting, depositing, and compacting in final location all materials, wet and dry, necessary to be removed for purposes of construction, grading, tree root pruning, preparing areas for the installation of concrete sidewalk, curb, gutter, driveways and handicap ramp; preparing sites for the installation of topsoil and landscaping; and other purposes as indicated on the drawings.

The furnishing, placing, and removing of all sheeting and bracing; all pumping and draining of excavations; the supporting of structures above and below ground; the handling of all water encountered in the excavations; all backfilling around structures and backfilling of all trenches and pits and all other incidental excavation shown on the drawings and as specified.

### **17-2 SOIL CONDITIONS**

The Contractor shall familiarize him or herself with the soil conditions at the site.

### **17-3 UNCLASSIFIED EXCAVATION**

Excavation is unclassified. The work shall consist of performing work regardless of the character of subsurface conditions. The Contractor shall make his/her evaluation of the type and extent of materials that may be encountered in the work site.

### **17-4 COMPACTION**

The relative compaction of each finished sub grade under concrete curb, gutter and sidewalks and pavements shall not be less than 95 percent; all other areas shall be 90%. These requirements are attained by Test Method AASHTO 180.

The Engineer shall require density tests of compacted material whenever he deems it necessary. Tests will be made according to Test Method AASHTO 180, or other approved field density testing methods that may include the use of nuclear testing devices. All compaction tests shall be provided by Town's geotechnical consultant. No cost will be paid by the contractor.

### **17-5 CARE OF EXISTING STRUCTURES AND UTILITIES**

Existing power and telephone lines, fences, water pipes, gas lines, sewers or other conduits, nearby the work shall be prevented from injury by the Contractor during the construction and until the completion of work. The Contractor shall be liable for all damages done to such structures, as herein provided.

A thorough attempt has been made to show the type, size, location and number of such mains and services. The information was taken from the Utility Companies and various maps and transferred to the drawings as accurately as possible.

Neither the Owner nor the Engineer shall in any way be responsible for the omission on the drawings of any mains or services of whatever nature nor shall they be responsible for any misrepresentation of size, type, number, location or depth.

The Contractor shall repair, in a manner satisfactory to the Engineer, all mains or services damaged in the progress of his/her work. The Contractor shall notify all utility owners when his/her work is in progress and shall make such arrangements as deemed necessary to make any emergency repair to the satisfaction of

the owner of the utility. The Contractor shall be prepared at all times with labor, equipment and materials to make repairs on damaged mains or utilities.

No extra compensation will be made for the repair of any services or mains damaged by the Contractor's labor forces or equipment, nor for any damage incurred through neglect or failure to provide protective barriers, lights and other devices or means required to protect such existing utilities.

#### **17-6 PROTECTION OF TREES, SHRUBS AND LAWNS**

The Contractor shall take every necessary precaution to protect the trees, shrubs, lawns, and other vegetation in the work site. Only trees and vegetation noted to be removed and those that directly interfere with the construction shall be removed with the approval of the Engineer.

#### **17-7 MAINTAINING DRAINAGE**

The Contractor shall provide and maintain temporary drainage for all excavations, drains, ditches, trenches and structures at all times. The Contractor shall keep the excavations dry through the construction operations. Whenever necessary, in order to provide proper drainage, the Contractor shall, at his/her expense install underdrains, furnish and operate all necessary pumping equipment, drainage sumps, well-point systems and other drainage facilities.

The Contractor shall dispose of water from the work into a drainage channel without damage to adjacent property and in such a manner as not to be a menace to the public health. No water shall be drained into completed work or work under construction without prior consent of the Engineer.

#### **17-8 SEASONAL LIMITS**

No fill material shall be placed, spread, or compacted during unfavorable weather. When the work is interrupted by rain, operations shall not be resumed until field tests indicate that the moisture content and density of the fill are as specified.

#### **17-9 CONTROL OF WATER**

The Contractor shall furnish, install and operate all necessary equipment to keep excavations free from water during construction and shall dispose of the water so as not to cause injury to public or private property, or to cause nuisance or menace to the public.

The Contractor shall at all times have on hand sufficient pumping equipment and machinery to meet all ordinary emergencies. Excavations shall be kept free of water during concrete operations.

#### **17-10 DISPOSAL OF EXCESS EXCAVATED MATERIAL**

Excess excavated material that the Engineer finds unsuitable shall be disposed of at an approved disposal site at the Contractor's cost. All material that cannot be utilized in the construction shall be disposed offsite.

##### **17-10.1 NATIVE MATERIAL FOR TOPSOIL**

Native soil material contaminated with asphalt concrete, cement concrete and/or other unsuitable material as determined by the Engineer will not be allowed for use as topsoil.

#### **17-11 POTHOLING**

Where excavation in excess of 12-inches is to be done, the Contractor shall pothole and verify the location and depth of existing utility lines and major utility laterals in the field prior to construction and notify the Engineer of any possible interference with the proposed construction or error in location and/or as directed by the Engineer.

The Contractor shall call the Underground Service Alert at (800) 227-2600 and cause them to locate existing underground utility lines through pavement markings. The Contractor, 24 hours prior to the commencement of potholing work, shall notify the Town of Los Altos Hills, Public Works Department at (650) 941-7222.

The Contractor shall immediately inform the Engineer of potential conflicts. Potential conflicts shall be cases in which there is less than one foot of separation between the existing and proposed utility lines.

At potential conflict location, the Contractor shall coordinate with the Engineer to arrange verification of the horizontal and vertical location of potential conflict. The Engineer will perform such surveys approximately one working day after the Contractor's notification.

Full compensation for meeting the above requirement shall be considered included in the various contract price items associated with excavation and trench work, and no separate payment will be made therefore.

END OF SECTION

**SECTION 18 - BLANK**

## **SECTION 19 - ASPHALT CONCRETE PAVEMENT AND RESURFACING WORK**

### **19-2.1 SCOPE OF WORK**

Work required under this Section consists of furnishing all labor, materials, tools, and equipment required for installation of digouts asphalt concrete, and asphalt concrete resurfacing. Work also includes working the base in areas where pavement section has failed and been removed; general area grading, compaction of the base and installing digouts asphalt concrete and asphalt concrete resurfacing to provide proper conform, allow uniform asphalt concrete paving, and doing all incidental work complete in place as shown on the plans and described below.

### **19-2.2 MATERIAL**

#### **19-2.2.1 AGGREGATE BASE**

Aggregate base shall conform to the requirements of Section 26 of the Standard Specifications. Grading requirements will be for 3/4" Maximum Class 2 aggregate base.

#### **19-2.2.2 ASPHALT CONCRETE**

Asphalt concrete for the final lift of overlay shall be type A dense 1/2 inch maximum conforming to the requirements of Section 39 of the Standard Specifications. Asphalt concrete for plugging failed pavement sections that have been removed as part of pavement section repairs using digouts, and for the first lift of 4" paving, shall be medium or coarse grading 3/4" maximum, Type A unless advised by the Engineer to use type B conforming to the requirements of Section 39 of the Standard Specifications.

The paving asphalt used shall be AR 4000.

The Engineer may specify AR-8000 Paving Grade Asphalt if air temperature becomes hot enough to warrant its use.

The amount of asphalt to be mixed with the aggregate shall be approximately six (6) percent by weight of the dry aggregate.

The exact amount of asphalt binder to be mixed with the aggregate will be determined by the Engineer.

#### **19-2.2.3 PRIME COAT**

Prime coat shall not be required.

#### **19-2.4 TACK COAT**

Material to be applied on vertical surfaces of old pavement shall be asphalt emulsion Type SS1H conforming to the requirements of Section 94 of the Standard Specifications.

Full compensation for applying tack coat shall be considered as included in the Contract item paid per ton of asphalt concrete and no separate payment will be made therefore.

### **19-3 ASPHALT CONCRETE PAVEMENT PREPARATION AND RESURFACING**

Asphalt concrete pavement shall conform to Section 39-3 of the Standard Specifications, the plans and these Special Provisions. This work shall include asphalt concrete patching, digouts and pavement of streets.

All existing pavement shall be trimmed as required to provide a smooth face to abut the new pavement. The grinded areas shall be smooth, and have a dry and properly prepared surface prior to the start of paving operations. It shall be free from all loose screening and other loose or foreign material.

The surface of vertical faces of existing pavements and all structures in actual contact with asphalt mixes shall be painted with the bonding coat specified herein to provide a closely bonded, watertight joint.

Protective coverings shall be provided to protect the exposed portions of culverts, curbs, gutters, posts, guard fences, road signs, and any other structures from splashing oil and asphalt from the paving operations. Remove any oil, asphalt, dirt, or other undesirable matter that may come upon these structures due to the paving operations.

The pavement surface to receive the overlay shall be cleaned by sweeping. The Contractor shall apply the specified tack coat asphalt binder to all pavement surfaces.

All paving work shall be completed before 4:00 p.m., on each working day or Contractor shall be responsible for payment of inspection overtime at the current inspector labor rates.

All streets where keycut work has been completed in preparation for overlay shall be paved within three (3) calendar days from the date of completion of the keycut work. The Contractor shall be subject to liquidated damages as indicated in Section 6-9, if this requirement is not met.

All paving work shall be water tested for uniformity, and drainage before final acceptance.

Contractor is responsible for notifying the County of Santa Clara Sheriff Department and other impacted agencies of the Contractor's work schedule on individual streets, and other work sites such as parking lots.

Full compensation for meeting all requirements of this Section shall be considered included in the various contract items paid involving asphalt concrete pavement work.

### **19-3.1 STREET PAVEMENT SECTION REPAIRS & FULL DEPTH AC INSTALLATION**

Pavement section repairs shall be required at specific locations on streets where the pavement section has failed. This work shall consist of removing failed pavement sections up to the base but not less than six-inch minimum depth, and installing full depth ¾-inch maximum asphalt concrete. Work shall include reworking the base and compacting the base to 95 percent relative compaction, and plugging with new asphalt concrete.

Asphalt concrete digouts work for plugging the excavated areas shall be placed in layers of two (2") inches for areas with lengths in excess of five feet. Each layer shall be compacted to a minimum 95% relative compaction before the next layer is placed.

Full compensation for meeting all requirements of this Section shall be considered included in the contract price per ton for pavement section repair, 6" digouts asphalt concrete and asphalt concrete overlay, and no additional compensation shall be paid therefore.

#### **19-3.1.1 MEASUREMENT AND PAYMENT**

Contract price paid per square foot for pavement section repairs and installing digouts asphalt concrete shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals; and for doing all incidental work for pavement section repair and digouts asphalt concrete work described above. The contract price paid per square foot for the 6-inch digouts asphalt concrete shall also include full compensation for sub-grade preparation and compaction, and all incident work needed for the installation of asphalt concrete complete in place, as shown on the plans, these Special Provisions, the Standard Specifications and as directed by the Engineer.

Compensation for the removal of pavement sections, off hauling and disposing of excavated material shall be considered included in the contract lump sum price paid for demolition of existing structures.

### **19-3.2 CONSTRUCT ASPHALT CONCRETE DIKE – TYPE F**

This work shall consist of removing soil on top and surrounding the existing concrete curb and painting the curb surface to receive the AC dike with tack coat; constructing asphalt dike on top of existing concrete curb, and backfilling behind the dike with native material and compact to 90 percent relative compaction as shown on the Plan and as directed by the Engineering.

The asphalt concrete dike shall be measured per linear foot by the Engineer. For any indicated work area, no adjustment to the quantity shall be made unless the Engineer approves the change to the area marked prior to the installation of the dike being performed.

The contract price paid per linear foot for Construct Asphalt Concrete Dike shall include compensation for furnishing all labor, materials, tool, equipment and incidentals, and for performing all work involved in removing existing asphalt concrete dike and installing new asphalt dike and backfill dike and compact to 90 percent relative compaction as shown on the Plans.

### **19-3.3 STREET PAVEMENT OVERLAY**

Street pavement shall be placed to the depths as specified on the plans, and using the type of asphalt concrete specified in the Special Provisions.

The Contractor shall be responsible for any damage to existing pavement caused by his/her forces. Such damage shall be promptly repaired as directed by the Engineer, and at no cost to the Town.

#### **19-3.3.1 DISTRIBUTION AND SPREADING**

##### Direct Transfer Method

Asphalt Concrete shall be placed only upon specific approval of the Engineer. When, in the opinion of the Engineer, the surface grinding is too wet, no asphalt concrete shall be placed.

The Engineer will make the final decision whether conditions are satisfactory for paving. **NO ASPHALT CONCRETE SURFACE COURSE SHALL BE PLACED WHEN THE ATMOSPHERIC TEMPERATURE IS LOWER THAN 50 DEGREES FAHRENHEIT.** The asphalt concrete shall be deposited directly into the self-propelled paving machine.

Asphalt concrete shall be placed in such a manner that the first pass shall start at the roadway gutter lip (or low edge of the roadway). The second pass shall then be placed next to the first pass while the first pass of asphalt concrete is still hot (unless the paving operations have been discontinued for the day). The above procedure shall be followed for all additional adjacent passes until the entire roadway has been resurfaced. The maximum pass shall be 1,000 feet.

Trucks, loaded or empty, shall not be allowed on the new roadway surface until the asphalt concrete reaches ambient temperature.

The Contractor shall remove all thermoplastic stripes, pavement markings, pavement markers, and raised traffic bars in the pavement areas before asphalt concrete paving.

No Windrow/Pick-Up Method is allowed

#### **19-3.3.2 SPREADING AND COMPACTING**

Rolling and compaction of asphalt concrete shall be done according to Section 39-6, "Spreading and Compacting" of the Standard Specifications and these Special Provisions.

Use of a rubber-tired roller shall not be required.

Upon completion of pavement, density and smoothness of pavement shall conform to the Standard Specifications and these Special Provisions.

Low areas of pavement not meeting smoothness tolerances shall be ground to two (2") inch minimum depth and repaved. All high areas shall be ground to the true grade level and cross-section with a diamond blade type pavement grinder (Caltrans designation PGD1A), the ground surface shall then be fog sealed.

### **19-3.3.3 MEASUREMENT AND PAYMENT**

Payment for asphalt concrete pavement overlay shall conform to Section 39-3 of the Standard Specifications and these Special Provisions.

The unit of payment for asphalt concrete pavement overlay/resurfacing shall be per ton.

Contract price per ton for street asphalt concrete pavement shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals; and for doing all the work involved in furnishing and placing the specified grade of asphalt concrete, asphalt concrete leveling work, power sweeping, the application of tack coat, providing rake holes, exposing valve covers, spreading, rolling and compacting; water testing for drainage and uniformity; and doing all work complete in place as shown on the plans; as required by the Special Provisions and as directed by the Engineer.

Full compensation for tack coat applied to exposed asphalt concrete pavement after grinding as required above, removal of existing traffic pavement markers, and grinding of existing plastic legends shall be considered as included in the Contract unit price paid per ton for asphalt concrete pavement.

### **19-3.4 LEVELING COURSE**

Fill and level irregularities and ruts with HMA and compact with steel roller. You may use mechanical equipment other than a paver for these areas. The equipment must produce uniform smoothness and texture.

#### **19-3.4.1 MEASUREMENT AND PAYMENT**

Contract price paid per ton of hot mix asphalt for leveling course shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals; and for doing all incidental work leveling course.

### **19-3.5 REMOVAL OF PAVEMENT MARKERS**

Existing pavement markers within the areas to be resurfaced shall be removed as directed by the Engineer. Compensation for meeting this requirement shall be considered included in the contract price paid per ton of asphalt concrete pavement overlay, and no additional compensation will be paid therefor.

### **19-3.6 COLD MILLING AND AREA GRINDING ASPHALT CONCRETE PAVEMENT**

This work shall involve the installation of standard six (6') wide wedge cut, intersection conforms wedge cut, and general pavement area grinding to a depth of 2-inches to provide a smooth pavement surface for overlay or asphalt concrete patch work, as shown on the plans and the Special Provisions.

Standard wedge cut shall be six (6') feet wide and two (2") inch below the gutter lip. Keys shall be formed to a true vertical surface, where called for on the plans and where directed by the Engineer, by grinding and removing existing asphalt concrete surface to the dimensions, lines and grades called for on the plans and herein specified.

A small grinder shall be used over traffic loop detectors.

Contractor shall be responsible for any damage that occurs to the traffic loop detectors that is avoidable or occurs as a result of his/her negligence.

All streets where keycut work has been completed in preparation for overlay shall be paved within (3) calendar days from the date of completion of the keycut work.

Contractor shall be subject to liquidated damages as indicated in Section 8-1.10 if this requirement is not met.

All grinding work, including standard wedge cut, shall be done on an as needed basis, and as directed by the Engineer. The nature of this work is that grinding and wedge cut work cannot always be predetermined. Regardless of whether grinding work is shown or not shown on the plans, the Engineer shall have the right to add to or delete this type of work from the Contract.

#### **19-3.6.1 INTERSECTION CONFORM WEDGE CUT**

Conform at intersections and elsewhere, cold milling shall extend outward to a minimum of ten feet (10') and be approximately two and one-half inches (2 1/2") deep as shown on the plan details.

As a safety measure, temporary cold asphalt patches, as shown on the details shall be installed at railroad crossings and conforms, immediately after the key cutting, as shown on the plans, to provide a smooth ride to traffic.

All grinding work, including standard wedge cut, shall be done on an as needed basis, and as directed by the Engineer. The nature of this work is that grinding and wedge cut work cannot always be predetermined. Regardless of whether grinding work is shown or not shown on the plans, the Engineer shall have the right to add to or delete this type of work from the Contract.

#### **19-3.6.2 HEATING EQUIPMENT IS NOT ACCEPTABLE**

EQUIPMENT. The Engineer shall approve the grinding equipment before being operated in the Town.

TRAFFIC DETECTOR LOOPS. Before cutting any loops, contact the Engineer at (650) 941-7222.

The locations of traffic detector loops are painted on the pavement or shown on the drawings. Where key cuts cross detector loops, the replacement of all such loops together shall be paid for at a Contract price for each loop.

#### **Grinding Residue Clean Up And Disposal**

All streets shall be cleaned of all grinding residue immediately following the grinding machine and before opening the street to traffic. Grinding residue shall be properly disposed of the construction site.

The Contractor shall remove all weeds between the gutter lip and the existing street pavement after grinding operation is complete.

Full compensation for meeting the above requirements shall be considered as included in the Contract payment per linear foot for standard wedge cut and per square foot for conform wedge cut and no additional compensation will be paid therefor.

#### **19-3.6.3 MEASUREMENT AND PAYMENT**

The unit of measurement for standard 6-foot wide wedge cut shall be per linear foot; the 10-foot conform wedge cut and miscellaneous grinding shall be per shall be per square foot.

Contract unit price per linear foot for 6' wide standard wedge cut; contract unit price per square foot for conform wedge; and contract unit price per square foot for area grind and any miscellaneous grinding shall be considered full compensation for furnishing all materials, labor, equipment and incidentals required to complete the wedge cut or grinding work in conformity with the plans and Specifications, including removal and disposal of grinding residue.

Full compensation for the placement and removal of temporary cutback asphalt patching after conform wedge cut work shall be considered as included in the Contract unit prices paid for standard wedge cut, conform wedge cut and miscellaneous grinding and no separate payment will be allowed therefore.

### **19-3.7 REMOVE AND RECONSTRUCT CONCRETE CURB AND GUTTER**

This work shall consist of removing and reconstructing concrete curb and gutter. This work shall be constructed in conformance with Section 73: Concrete Curbs and Sidewalks in the State of California Standard Specifications. All concrete shall be mixed and delivered according to the "Standard Specification for Ready-Mix Concrete" (ASTM C-94). Freshly deposited concrete shall be protected from premature drying and excessively hot or cold temperature, and shall be maintained with minimal moisture loss at a relatively constant temperature for the time necessary for the hydration of the cement and proper hardening of the concrete. Curing concrete shall be in accordance to Section 90-7, "Curing Concrete" of the Standard Specification.

Where existing concrete is to be removed, a saw cut with a power-driven saw shall be made at the first scoring line or as determined by the Engineer. All waste material shall become the property of the Contractor and shall immediately be properly disposed of outside the Town's limits at the Contractor's expense. No stockpiling will be allowed.

The concrete curb and gutter shall be measured per linear foot. For any indicated work area, no adjustment to the quantity shall be made unless the Engineer approves the change to the area marked prior to the installation of the concrete valley gutter being performed. Full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all work required, including the removal and disposal of existing concrete curb and gutter, excavation, and construct new concrete curb and gutter as shown on the plans, as specified herein, and as directed by the Engineer, and no additional compensation will be allowed therefore.

### **19-3.8 ADJUST AND REPLACE MANHOLE FRAMES AND COVERS**

Manhole frames and covers shall be adjusted to grade to conform within 1/8 inch of the adjusted pavement elevation immediately after paving operation is completed on each street. Contractor shall notify Engineer, if existing pavement plane will cause a problem in meeting this adjustment grade tolerance. At all locations where existing manhole castings are to be raised to new street elevation, the Contractor shall remove all new and old asphalt concrete from the cover and rim.

Contractor is responsible for referencing out all manholes, valves, monuments, etc., and for locating them after the paving work. The locations of manholes, valves, monuments, etc. shown on the plans are general locations intended to assist Contractor with the bid. The Town does not expressly or by implication agree that the actual locations shall be as shown on the plans, or that all manholes, valves or monuments that are the streets are shown on the plans. Contractor is responsible for locating and adjusting all manholes, valves, monuments, etc., and notify the Town of any discrepancies found in the field. **CONTRACTOR SHALL OPEN ALL MANHOLE COVERS AT THE COMPLETION OF THE PROJECT FOR INSPECTION BY TOWN'S INSPECTOR. CONTRACTOR SHALL REMOVE ALL DEBRIS, CONCRETE, OR ASPHALT INSIDE THE MANHOLE.**

The Contractor shall complete the adjustment of all manholes according to the following requirements:

1. Pour all manholes and monuments before 12:00 noon.
2. All traffic lanes to be opened by 4:30 p.m.
3. No depressions after traffic lanes are open (cut back all manholes/monuments by 4:30 p.m.
4. No more than five (5) manholes may be opened at any one time on any one street.
5. All work must be confined to one traffic lane at a time in each direction. (Traffic is not to weave to avoid adjustments.)

The Contractor furnished manhole frame and cover shall be according to Town Standard details.

#### **19-3.8.1 MEASUREMENT AND PAYMENT**

Contract unit price paid for adjusting each manhole to grade or for furnishing and installing new frames and covers shall be considered as full compensation for furnishing all labor, materials, tools, equipment and incidentals; and for doing all the work involved in adjusting manhole frames and covers to grade; and doing all work complete in place as shown on the plans, as required by the Standard Specifications and these Special Provisions, and as directed by the Engineer.

#### **19-3.9 ADJUST AND REPLACE SURVEY MONUMENTS AND CLEAN OUTS**

Monument and clean out frames and covers shall be adjusted or replaced per Town standard details provided with these Specifications. At all locations where existing clean out castings are to be raised to new street elevations, the Contractor shall remove all new and old asphalt concrete.

Survey monument frames and covers shall be adjusted to grade using existing, after paving work is complete, to conform within 1/8 inch of the adjusted pavement elevation. The Contractor shall work on one lane at a time before doing installation work in adjacent lanes. Pour all monuments before 12:00 noon, open all traffic lanes and cutback monuments before 4:30 p.m.

Town clean out frames and covers shall be adjusted as shown on the plans. Existing clean out frames and covers are to be reused unless damaged by Contractor, in which case Contractor shall replace frame and cover at his/her expense.

Two (2) rake holes shall be provided on all manholes, monuments, and utility valves to be adjusted after pavement.

#### **19-3.9.1 MEASUREMENT AND PAYMENT**

Contract unit price paid for adjusting each standard survey monument frame and cover, and adjusting each clean out to grade shall be considered as full compensation for furnishing all labor, materials, tools, equipment and incidentals; and doing all work complete in place as shown on the plans, as required by the Standard Specifications and these Special Provisions, and as directed by the Engineer.

#### **19-3.10 UTILITY COMPANY VALVE COVERS AND MANHOLES**

Utility valve covers and manholes which are shown on the plans to be adjusted by others shall be adjusted by the Utility Companies after the paving work has been completed, unless the utility company involved furnishes the necessary work force to make the adjustments during the paving operation. Utility manholes, etc., that are not adjusted during the paving operation shall have rake hole left over the casting exposing the entire cover to provide access in the event of emergency.

Utility valve covers shall be masked or otherwise protected from tack coat. All covers shall be cleaned and restored to their original condition, including repainting if necessary.

Full compensation for providing rake holes and exposing valve covers, and providing reasonable assistance to personnel of utility agencies shall be considered as included in the Contract unit price paid per ton for asphalt concrete, and no additional compensation shall be made therefor.

#### **19-4 TRAFFIC STRIPING AND PAVEMENT MARKINGS**

The installation of traffic stripes and pavement markings shall be done as shown on the plans, and touchup work shall be done to the striping of the immediate fifty (50) feet of intersecting streets adjacent to streets that are to be resurfaced. Removal of existing thermoplastic pavement markings shall be done by sandblasting or grinding to the satisfaction of the Engineer.

Traffic striping shall conform to the Provisions of Section 10-1.02D, "Traffic Striping and Pavement Markings" of the Standard Specifications and these Special Provisions.

All pavement markings including all arrows, symbols, words, crosswalks and stripes shall be extruded thermoplastic.

Blue pavement markers shall be installed opposite all fire hydrants one foot off center of the centerline striping nearest the fire hydrant.

Temporary traffic markings, centerlines, lane lines, and temporary 8-inch white tape stop bar at each stop sign and traffic signal shall be installed immediately after the paving and before the street is open to traffic.

Striping layout lines shall be installed within twenty-four (24) hours after the street is opened to traffic. Layout lines shall be "Cat Track" type markings (paint drip lines are not acceptable as layout lines).

Before permanent markings are installed, the layout "Cat Track" marking lines shall be inspected and approved by the Engineer. A smooth transition shall be made on streets where widths of the street changes.

Pavement markers, thermoplastic pavement markings and paint pavement markings not in conflict with manholes, clean outs, vehicle detectors, etc., shall be applied between seven (7) and ten (10) working days after the temporary markings have been approved.

Thermoplastic pavement markings and paint pavement markings in conflict with manholes, clean outs, vehicle detectors, etc., shall be painted with one coat of paint between seven (7) and ten (10) working days after the temporary markings have been approved. The plastic shall be applied after manholes, clean outs, etc., are adjusted and vehicle detectors installed.

Contractor's attention is directed to Section 8-1.10 regarding Liquidated Damages for delays in installing temporary markings, layout lines and permanent traffic stripes.

##### **19-4.1 MEASUREMENT AND PAYMENT**

The Contract price paid for each pavement marker; the price per linear foot for pavement stripes; and square foot paid for pavement markings shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and doing all the work involved in:

1. Applying thermoplastic traffic stripes and pavement markings.
2. Temporary stripes and traffic markings and their removal.
3. Furnishing and placing pavement markers, including adhesives.
4. Construction detours and traffic control.

Other work shall include establishing and adjustment of alignment and layout work, complete in place, as shown on the plans, as specified in the Caltrans Standard Specifications, these Special Provisions and as directed by the Engineer.

The Contract lump sum price paid for the removal of existing thermoplastic stripes, pavement markings and pavement markers shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, including traffic control, and doing all the work involved in, as directed by the Engineer.

#### **19-4.2 TRAFFIC CONTROL FOR TRAFFIC STRIPING**

During traffic stripe operations, traffic shall be controlled with lane closures, as provided for under "Traffic Control System" of these Special Provisions, or by use of an alternate traffic control plan proposed by the Contractor. The Contractor shall not start traffic stripe operations using an alternate plan until he/she has submitted his/her plan to the Engineer and has received written approval of said plan.

Alternate traffic control plans for striping operations shall conform to the Provisions in Section 12, "Construction Area Traffic Control Devices" of the Standard Specifications and these Special Provisions. Attention is directed to the section entitled "Pavement Markers" of these Special Provisions in regard to placing pavement markers with bitumen adhesive. Full compensation for providing traffic control for applying traffic stripes and installing pavement markers shall be considered as included in the various Contract price items paid for traffic stripes and pavement markers and no separate payment will be made therefor.

##### **19-4.2.1 MEASUREMENT AND PAYMENT**

Contract price paid for replacing traffic loop detectors in-kind and or type at each intersection location, per lane direction shall be considered as full compensation for furnishing all labor, materials, tools, equipment and incidentals; and doing all work complete in place as shown on the plans, as required by the Standard Specifications and these Special Provisions, and as directed by the Engineer.

#### **19-5 SHOULDER BACKING**

Section 19-5 includes specifications for constructing shoulder backing adjacent to the edge of new pavement surfacing. Shoulder backing material consists of class 2 base rock. Place and spread base rock directly on the basement material. After placing the base rock, water and compact to a minimum 90% relative compaction.

##### **19-5.1 MEASUREMENT AND PAYMENT**

The unit of payment for shoulder backing shall be per ton include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and doing all the work involved in:

END OF SECTION

## SECTION 20 – MICROSURFACING

### 20-1 GENERAL

No traffic lane or road closures are allowed for microsurfacing operation before 9:00 a.m. and after 4:00 p.m.

The maximum of 10,000 square yards of microsurfacing is allowed for each working day.

#### 20-1.1 WORK INCLUDE

- A. Site Preparation
- B. Placement of microsurfacing

#### 20-1.2 QUALITY ASSURANCE

- A. Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the method needed for proper performance of the work of this Section.

#### 20-1.3 REFERENCES

- A. Documents affecting work of this Section include, but are not limited to, General Conditions, Supplementary Conditions, and Sections in Division 37 of these Specifications.
- B. Section 19-4 - Striping

#### 20-1.4 SUBMITTALS

- A. Within 14 calendar days after the Notice to Proceed, the Contractor shall submit:
  - 1. Materials list of items proposed to be provided under this Section.
  - 2. Manufacturer's recommended installation procedures which, when approved by the Engineer, will become the basis for accepting or rejecting actual installation procedures used on the work.
- B. At least seven (7) working days before slurry seal placement commences, the Contractor shall submit to the Engineer for approval a laboratory report of tests and proposed mix design covering the specific materials to be used on the project. The percentage of asphaltic emulsion proposed in the mix design shall be within the percentage range specified in Section 20 - 2.01 of these Specifications.
- C. The Contractor shall supply the City with a sample of the asphaltic emulsion (1 liter) and aggregate (80 lbs.) to be used on the project. If the batch changes during the course of the project, new samples will be required.

### 20-2 PRODUCTS

#### 20-2.1 MICROSURFACING EMULSION (MSE)

- A. Microsurfacing Emulsion (MSE) shall be homogenous and shall conform to the provisions of these special provisions. The polymer shall be milled or blended into the asphalt or blended into the emulsifier solution prior to the emulsification process.

- B. The MSE shall conform to the following requirements when tested in conformance with the following test methods:

**Polymer Modified, Cationic Microsurfacing Emulsion (MSE)**

Specification Designation	Test Method	Requirement
Viscosity SSF @ 77 °F (25° C)	AASHTO T 59	15-90 Seconds
Sieve, max.	AASHTO T 59	<0.30 Percent
Settlement, 5 days, max.	ASTM D244	<5 Percent
Storage Stability, 1 day, max.	AASHTO T 59	<1 Percent
Residue by Evaporation, min.	California Test 331	>62 Percent

**Specification Designation for Residue**

Specification Designation	Test Method	Requirement
Penetration@ 77 °F (25°C), 100g, 5s ,0.1mm	AASHTO T 51	40-90
Softening Point °C	AASHTO T53	>57

**WATER AND ADDITIVES**

Water shall be of such quality that the asphalt will not separate from the MSE before the microsurfacing is placed on the pavement. If necessary for workability, a set-control agent that will not adversely affect the microsurfacing product may be used.

**MINERAL FILLER**

Mineral filler shall be Portland cement or hydrated lime that is free of lumps. Portland cement shall be either Type I, Type II, Type III or combination thereof. The type of mineral filler shall be determined by the Contractor based on laboratory mix designs. The mineral filler will be considered part of the aggregate gradation requirement.

**AGGREGATE**

The mineral aggregate used shall be of the type and grade specified for the particular use of the microsurfacing. Aggregate shall consist of sound, durable, crushed stone or crushed gravel and approved mineral filler. The material shall be free from vegetable matter and other deleterious substances. Aggregates shall be 100% crushed with no rounded particles. Aggregate that are volcanic in origin and black in color, as supplied by George Reed, Table Mountain Plant, Sonora, CA. are preferred. All aggregate shall be free of caked lumps and oversize particles.

The aggregate, prior to the addition of emulsion shall conform to the requirements of this section. If aggregates are blended each component aggregate shall meet the sand equivalency and abrasion resistance and shall be 100% crushed as tested in accordance with California Test 205. The definition of a crushed particle in California Test 205 Section D, is amended to read: "Any particle having 2 or more fresh mechanically fractured faces shall be considered a crushed particle."

The percentage composition by mass of the aggregate (including mineral filler) shall conform to the following grading requirements when tested in conformance with California Test 202:

**TYPE II**

Sieve Sizes	Percentage Passing
3/8" (9.5-mm)	100
No. 4 (4.75-mm)	94 - 100
No. 8 (2.36-mm)	65 - 90
No. 16 (1.18-mm)	40 - 70
No. 30(600-μm)	25 - 50
No. 200 (75-μm)	5 - 15

The aggregate (excluding mineral filler) shall conform to the following quality requirements:

Test	California Test	Requirement
Sand Equivalent (Min.)	217	70
Durability Index (Min.)	229	75
Percentage of Crushed Particles (Min.) <sup>1</sup>	205	100%
Los Angeles Rattler Loss at 500 Rev. (Max.) <sup>2</sup>	211	35%

- Notes: 1. CT205, Section D, is amended to read: "Any particle having 2 or more freshly, mechanically fractured faces shall be considered a crushed particle."  
 2. Los Angeles Rattler shall be performed on the parent aggregate before crushing.

If the results of the aggregate grading do not meet the specified gradation, the microsurfacing represented by the test shall be removed. However, if requested in writing by the Contractor and approved by the Engineer, the microsurfacing may remain in place and the Contractor shall pay to the City \$2.00 per ton for the aggregate represented by the tests and left in place.

If the results of the Sand Equivalent test for aggregate do not meet the specified requirement, the microsurfacing represented by the test shall be removed. However, if requested in writing by the Contractor and approved by the Engineer, the microsurfacing may remain in place and the Contractor shall pay to the City \$2.00 per ton for the aggregate represented by the tests and left in place.

When the results of both the aggregate grading and the Sand Equivalent tests do not conform to the specified requirements, both payments to the State shall apply. The Department may deduct these amounts from any moneys due or to become due the Contractor.

No single aggregate grading or Sand Equivalent test shall represent more than (275 tons) or one day's production, whichever is smaller.

**MIX DESIGN**

At least 7 working days before the microsurfacing placement commences, the Contractor shall submit for approval of the Engineer a laboratory report of tests and a proposed mix design covering the specific materials proposed for use on the project.

The percentages of each individual material proposed in the mix design shall be shown in the laboratory report. Individual materials shall be within the following limits:

Residual Asphalt	5.5% to 9.5% by dry mass of aggregate
Mineral Filler	0% to 3% by dry mass of aggregate
Additive	As needed
Water	As needed

Adjustments may be required during construction based on field conditions.

The mix design and aggregate tests shall be performed by a laboratory capable of performing the applicable International Slurry Surfacing Association (ISSA) tests. The proposed microsurfacing mixture shall conform to the specified requirements when tested in conformance with the following tests:

Test	ISSA Test Method	Requirements
Wet Cohesion @ 30 Minute (Set) (Min.) @ 60 Minute (Traffic) (Min.)	TB* 139	12 kg-cm 20 kg-cm
Excess Asphalt	TB* 109	540 g/m <sup>2</sup>
Wet Stripping (Min.)	TB* 114	90%
Wet Track Abrasion 6-day Soak Loss (Max.)	TB* 100	810 g/m <sup>2</sup>
Displacement Lateral (Max.) Specific Gravity After 1000 Cycles of 125 lbs. (56.8 kg) (Max.)	TB* 147A	5% 2.10
Classification Compatibility	TB* 144	(AAA, BAA) 11 Grade Points
Mix Time @ 77°F (25°C)	TB* 113	Controllable to 120 Seconds

TB\* = Technical Bulletin

The laboratory that performed the tests and designed the mixture 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, filler (minimum and maximum), water (minimum and maximum), set control additive, and MSE solids content (minimum and maximum) based on the dry mass of aggregate. The laboratory shall report the quantitative effects of moisture content on the unit mass of the aggregate (bulking effect) in conformance with the requirements of ASTM Designation C 29M. Previous laboratory reports covering the same materials may be accepted provided the material test reports were completed within the previous 12 months. The mix design shall further show the recommended changes in mineral filler, water, and additive proportions for high temperature weather conditions by reporting proportions of materials required for 60 seconds of mix time with materials heated to 100 °F (38°C). This 100 °F (38°C) mixing report will not be required for projects requiring nighttime application.

The component materials used in the mix design shall be representative of the microsurfacing materials proposed by the Contractor for use on the project.

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 the provisions of these special provisions. Substituted materials shall not be used until the mix design for those materials has been approved by the Engineer.

The completed mixture, after addition of water and set control agent, if used, shall be such that the microsurfacing mixture has proper workability. At the expiration of the road closure hours, in conformance with the provisions in "Maintaining Traffic" of these special provisions, the microsurfacing mixture shall be sufficiently cured to support unrestricted traffic.

## **20-3 EXECUTION**

### **20-3.1 GENERAL REQUIREMENT**

- A. The application of Microsurfacing shall conform to Caltrans Standard Specifications with the exceptions noted in these Specifications.
1. The microsurfacing shall be placed at a rate to produce 10 to 20 pounds of aggregate per square yard for Type II slurry and 20 to 32 pounds of aggregate per square yard for Type III slurry, as required in these Specifications. The complete mixture shall be such that the slurry seal mixture has proper workability and will permit traffic flow within two (2) hours after placement without the occurrence of bleeding, raveling, polishing, separation, or other distress within 30 days after its placement.
  2. Asphaltic emulsion shall be added at a rate of between 10 to 15 percent by weight of the dry aggregate. The extract rate will be determined by the Engineer. The quantity of asphaltic emulsion to be used in the slurry seal mixture will be determined by the design asphalt binder content, as approved by the Engineer, and the asphalt solid content of the asphaltic emulsion furnished.
  3. The Contractor shall sweep all slurry seal streets seven (7) days after the application of slurry seal with a power sweeper.

See Special Provisions for restrictions on times and days of operations.

### **20-3.2 PROPORTIONAL MIXING**

- A. The proportional mixing of the microsurfacing shall conform to Section 37-3.03B "Proportioning" and 37-3.03C "Mixing and Spreading Equipment" of the Caltrans Standard Specifications.
- B. The mixer shall thoroughly blend all materials to form a homogenous mass before leaving the mixer.
- C. Asphalt emulsion shall be added at a rate determined by the mix design and in the range of the table above. A job mix design shall be submitted by the Contractor for approval by the Engineer that conforms to the specification limits, and that is suitable for the traffic, climate conditions, curing conditions and final use. This will include recommended application rate of slurry to suit the job conditions.
- D. The microsurfacing mixture shall be proportioned by the operation of a single start/stop switch or lever which automatically sequences the introduction of aggregate, emulsified asphalt, admixtures, if used, and water to the pug mill.
- E. Calibrated flow meters shall be provided to measure both the addition of water and liquid additives to the pug mill. If necessary for workability, a retarding agent, that will not adversely affect the seal, may be used.
- F. Water, and retarder if used, shall be added to ensure proper workability and (a) permit uncontrolled traffic on the slurry seal no more than three (3) hours after placement without the occurrence of bleeding, raveling, separation or other distress; and (b) prevent development of bleeding, raveling, separation or other distress within fifteen (15) days after placing the slurry seal.

### **20-3.3 SURFACE PREPARATION**

- A. The Contractor shall remove all existing striping and pavement markers prior to the application of the microsurfacing. Refer to Section 19-4 Striping, Legends, Markers, and Signage for removal and disposal of existing striping. The slurry shall be applied within 48 hours after the removal of pavement striping marker.
- B. The complete street surface shall be power swept from face of curb to face of curb prior to the application of slurry seal. Contractor shall provide cleaning method necessary to remove all dirt, vegetation, and loose materials from the pavement. The application of microsurfacing on any street will not proceed until the Inspector has approved the street sweeping.
- C. The Contractor shall completely remove all oil spots in the streets and parking lots, deposited by parked cars, prior to the application of the microsurfacing. The Engineer shall approve the method of removal.
- D. All material gathered shall be properly disposed of by the Contractor. The Contractor shall remove all plant material growing in the street or on the interface of the asphalt surface with the lip of concrete gutter prior to placing microsurfacing.
- E. Immediately preceding the slurry seal application, the Contractor shall cover all grates, slotted manholes, and other appurtenances on the pavement that would allow the entry of slurry; cover all manhole covers, water and gas valve box covers, monuments boxes, etc., with a heavy plastic bag. The Contractor prior to the final set of the slurry shall uncover all covered grates and manhole. All uncovered items shall be clean and meet the requirement of the Project Inspector.
- F. All catch basin grates and hoods adjacent to the work or within 50 feet shall be covered to prevent slurry from entering the catch basin.

### **20-3.4 SPREADER BOX**

- A. The slurry mixture shall be spread by means of a controlled spreader box conforming to Section 37-3.03C "Mixing and Spreading" of the Caltrans Standard Specifications.
- B. The spreader box shall be clean, free of all slurry seal and emulsion, at the start of each working shift.
- C. The Slurry Seal shall be mixed in a self-propelled mixing machine equipped with a continuous flow pug mill capable of accurately delivering and automatically proportioning the aggregate, emulsified asphalt, water and additives to a double shafted, multi-blade pug mill mixer capable of minimum speeds of 200 revolutions per minute.
- D. The mixing machine shall be equipped with hydraulic controls for proportioning the material by volume to the mix. Each material control device shall be calibrated, properly marked, preset and lockable at the direction of the Engineer. The mixing machine shall be equipped with a water pressure system and nozzle type spray bars to provide a water spray immediately ahead of the spreader box.
- E. The mixing machine shall be equipped with an approved fines feeder that provides a uniform, positive, accurately metered, pre-determined amount of a mineral filler, if used, at the same time and location that the aggregate is fed.
- F. The microsurfacing mixture shall be uniformly spread by means of a controlled spreader box conforming to the following requirements:
- G. The spreader shall be capable of spreading a traffic lane width and shall have strips of flexible rubber belting or similar material on each side of the spreader box and in contact with the pavement to prevent

loss of slurry from the box. The box shall have baffles, or other suitable devices, to insure uniform application on super-elevated sections and shoulder slopes. Spreader boxes shall be maintained in such a manner as to prevent chatter (wash boarding) or other surface defects that will affect the aesthetic value of the finished microsurfacing mat.

- H. The rear flexible strike-off blade shall make close contact with the pavement and shall be capable of being adjusted to the various crown shapes so as to apply a uniform microsurfacing seal.
- I. Microsurfacing mixture, to be spread in areas inaccessible to the controlled spreader box, may be spread by other approved methods.

**20-3.5 SAND BLOTTER**

- A. A sand blotter shall be spread at selected driveways, intersections, and where required by the Engineer to accommodate pedestrian or vehicular traffic until the microsurfacing is set.

**20-3.6 APPLICATION OF TYPE II MICROSURFACING**

- A. The microsurfacing mixture shall be uniformly spread on the existing surfacing within the rate specified without spotting, rehandling or otherwise shifting of the mixture.
- B. When wheel path depressions have a cross section that is deformed ½ inch (12.5 mm) or more, the individual wheel paths shall first be filled utilizing a wheel path depression (rut) box in conformance with the provisions of the special provisions. The depth of the wheel path depression shall be determined after the adjacent ridges have been removed, when applicable.
- C. The maximum single application for wheel path depressions shall be one inch (25 mm). Wheel path depressions of depths greater than one inch (25 mm) shall require multiple applications in each depression. Wheel path depression repair shall be constructed with a slight crown to allow for initial compaction by traffic on the microsurfacing. Freshly filled wheel path depressions shall be compacted by traffic for a minimum of 12 hours before additional lifts of microsurfacing material are placed for rut filling purposes or as surface courses.
- D. Microsurfacing shall be spread at a rate within the following ranges of pound of dry aggregate per square yard.

**Micro-surfacing Spread Rates**

<u>Microsurfacing</u>	<u>Location</u>	<u>Range</u> <u>(lb of dry aggregate/sq yd)</u>
Type II	Full Traffic Width	10-20

- E. Hand tools shall be available to remove spillage.

The mixture shall be uniform and homogeneous after placing on the surfacing and shall not show separation of the MSE and aggregate after setting. The completed surface shall be of uniform texture and free from ruts, humps, depressions, or irregularities.

- F. Adequate means shall be provided to protect the microsurfacing from damage by traffic until such time that the mixture has cured sufficiently so that the microsurfacing will not adhere to or be picked up by the tires of vehicles.
- G. Placement of the microsurfacing shall cease a minimum of one hour before the expiration of the road closure hours as specified in “Special Provisions” of these specifications, unless the Contractor proves to the satisfaction of the Engineer that the surface will be ready for unrestricted traffic at the expiration of the road closure hours.

- H. The surface shall be fogged with water directly preceding the spreader. The slurry mixture shall be of the desired consistency when deposited on the surface. Total time of mixing shall not exceed four (4) minutes. A sufficient amount of microsurfacing shall be carried in all parts of the spreader at all times so that the complete coverage is obtained. No lumping, balling or unmixed aggregate shall be permitted. No segregation of the emulsion and aggregate fines from the coarse aggregate will be permitted. If coarse aggregate settles to the bottom of the mix, the slurry will be removed from the pavement. No excessive breaking of the emulsion will be allowed in the spread box. No streaks such as those caused by oversize aggregate will be left in the finished pavement.
- I. The entire pavement, including the area around curb return shall be covered from gutter lip to gutter lip. The ends of slurry seal streets shall be a clean, straight line created by placing 15-lb felt paper with a 30-in. minimum width to create the line.
- J. No excessive buildup, or unsightly appearance shall be permitted on longitudinal or transverse joints. Burlap drags shall be used and changed daily.
- K. Approved squeegees shall be used to spread slurry in non-accessible areas to the slurry mixer. Care shall be exercised in leaving no unsightly appearance from handwork.
- L. Microsurfacing application will be stopped each day to allow sufficient time to cure prior to opening streets to traffic.
- M. All gutter spills must be cleaned immediately.
- N. All microsurfacing streets must be open to traffic by 4:00 PM each of day.
- O. Immediately before commencing the microsurfacing operations, all surface metal utility covers (including survey monuments) shall be protected by thoroughly covering the surface with an appropriate adhesive and paper or plastic. No adhesive material shall be permitted to cover, seal or fill the joint between the frame and cover of the structure. Covers are to be uncovered and cleaned by the end of the same work day.

### **20-3.7 TEST STRIP**

- A. The Contractor shall construct a test strip for evaluation by the Engineer. The test strip shall be 300 feet (100 m) to 500 feet (150 m) long and shall consist of the application courses specified. The test strip shall be constructed at the same time of day or night that the full production of microsurfacing will be placed and may be constructed in 2 days or nights when multiple course applications are specified.
- B. The Engineer will evaluate the completed test strip after 12 hours of traffic on the completed test strip to determine if the mix design and placement procedure are acceptable. If the mix design or the placement procedure is determined by the Engineer to be unacceptable, the test strip will be rejected, the Contractor shall make modifications, and a new test strip shall be constructed and evaluated by the Engineer.
- C. The cost of materials and placement of the test strips, which have been rejected, shall be borne by the Contractor and will not be considered as part of the contract work. If ordered by the Engineer, rejected test strips shall be removed at the Contractors expense.

### **20-3.8 JOINTS**

- A. Longitudinal joints shall correspond with the edges of the traffic lanes. The Engineer may permit other patterns of longitudinal joints if the patterns will not adversely affect the quality of the finished product. Through traffic lanes shall be spread in full lane widths only. Longitudinal joints common to 2 traffic lanes shall be butt joints with overlaps not to exceed 3 inches (76 mm). Building paper

shall be placed at the transverse joints to avoid double placement of the microsurfacing. Other suitable methods to avoid double placement of the microsurfacing will be allowed.

### **20-3.9 WEATHER LIMITATIONS**

- A. The microsurfacing mixture shall not be placed when the ambient temperature is below 50 °F (10°C) or during unsuitable weather. Microsurfacing shall not be placed if rain is imminent or if there is the possibility that there will be freezing temperatures within 24 hours.

### **20-3.10 MICROSURFACING REPAIR**

- A. In the event that the applied microsurfacing surface violates the project requirements or has the following conditions:
  - 1. Tire or wheel marks
  - 2. Longitudinal ridges
  - 3. Picked up or raveled areas
  - 4. Transverse ridges or bumps
  - 5. Washboarding or excessively rough sand blotters
- B. The microsurfacing shall be repaired as follows:
  - 1. The slurry seal shall be removed by a "PENHALL PROFILER" or equal and a full lane width pass of microsurfacing applied in full compliance with these specifications.
  - 2. The Engineer may omit removal of the affected microsurfacing if it would not affect the repair.

### **20-3.11 STRIPING**

- A. Temporary striping and legends shall be placed on the newly microsurfaced streets prior to the release of streets to traffic. These materials must be submitted to the Engineer for approval prior to installation.
- B. Permanent striping shall be installed after seven (7) days but no later than ten (10) days after the slurry seal is complete.

## **20-4 MEASUREMENT AND PAYMENT**

### **20-4.1 MICROSURFACING TYPE II**

#### **A. DESCRIPTION**

Work for this item shall include the placement of the microsurfacing seal on the specified streets as required in these Specifications. Payment shall include full compensation for furnishing all labor, striping and vegetation removal, sweeping, oil spots removal, materials, tools and equipment necessary to complete this work. The quantity of asphaltic emulsion used as paint binder (tack coat) is to be included in the cost of the microsurfacing seal.

#### **B. MEASUREMENT AND PAYMENT**

This item shall be measured and paid on a per square foot basis. Payment shall include full compensation for furnishing all labor, equipment, tools, and materials necessary to complete this item.

END OF SECTION

**SECTION - 22 TO 35 (BLANK)**

## SECTION 36 - STORM WATER POLLUTION PREVENTION

### 36-1 DESCRIPTION

#### A. Work Included

The goal of these requirements is to prevent the pollution of storm water run-off on construction projects by keeping pollution out of storm drains, reducing the exposure and discharge of materials and wastes to storm water and by reducing erosion and sedimentation. Storm drains discharge run-off directly to creeks and the bay without treatment.

### 36-2 GENERAL REQUIREMENTS

#### A. The following requirements shall be met on all projects within the Town of Los Altos Hills.

##### 1) Non-hazardous Material/Waste Management

###### a) Designated Area

The Contractor shall propose designated areas of the project site for approval by the Engineer, suitable for material delivery, storage and waste collection to the maximum practicable extent, are near construction entrances and away from catch basins, gutters, drainage courses and creeks.

###### b) Granular Material

The Contractor shall store granular material at least 10 feet away from catch basins and curb returns.

The Contractor shall not allow granular material to enter the storm drains or creeks.

When rain is forecast within 24 hours or during wet weather, the Contractor is required to cover granular material with a tarpaulin and to surround the material with sand bags.

###### c) Dust Control

Dust control shall be in accordance to Section 10-5, "Dust Control" of the Standard Specifications.

###### d) Street Sweeping

At the end of each working day or as directed by the Engineer, the Contractor shall clean and sweep roadways and on-site paved areas of materials attributed to or involved in the work. The Contractor shall not use water to flush down streets in place of street sweeping.

###### e) Recycling

The Contractor shall recycle aggregate material, asphalt concrete and Portland Cement concrete at an approved recycling site.

###### f) Disposal

At the end of each working day, the Contractor shall collect all scrap, debris and waste materials and dispose of such materials properly.

The Contractor shall inspect dumpsters for leaks and contact trash hauling contractors to replace or repair dumpsters that leak.

The Contractor shall arrange for regular waste collection before dumpsters overflow.

2) Hazardous Material/Waste Management

a) Storage

The Contractor shall label and store all hazardous materials, such as pesticides, paints, thinners, solvents and fuels and all hazardous wastes, such as waste oil and anti-freeze.

The Contractor shall store all hazardous materials and all hazardous waste according to the County of Santa Clara Regulations.

The Contractor shall keep an accurate up-to-date inventory of hazardous material and hazardous wastes stored on site to assist emergency response personnel if there is a hazardous material incident.

b) Usage

When rain is forecast within 24 hours or during wet weather, the Contractor shall not apply chemicals in outside areas.

The Contractor shall not over apply pesticides or fertilizers and shall follow material manufacturer's instructions regarding uses, protective equipment, ventilation, flammability and mixing of chemicals.

c) Disposal

The Contractor shall arrange for regular hazardous waste collection to comply with time limits on storage of hazardous waste.

The Contractor shall dispose the hazardous waste only at authorized and permitted Treatment, Storage and Disposal Facilities and use only licensed hazardous waste haulers to remove the waste off-site, unless quantities to be transported are below applicable threshold limits for transportation specified in State and Federal Regulations.

3) Spill Prevention and Control

a) The Contractor shall keep a stockpile of spill clean-up materials, such as rags or absorbents, readily accessible on site.

b) The Contractor shall immediately contain and prevent leaks and spills from entering storm drains and properly clean up and dispose of the waste and clean up materials.

c) The Contractor shall not wash any spilled material into streets, gutters, storm drains, or creeks and shall not bury spilled hazardous materials.

- d) The Contractor shall report any hazardous materials spill to the Town of Los Altos Hills Public Works Department at (650) 941-7222.
- 4) Vehicle/Equipment Cleaning
- a) The Contractor shall not perform vehicle or equipment cleaning on site or in the street using soaps, solvents, degreasers, steam cleaning equipment or equivalent methods.
  - b) The Contractor shall perform vehicle or equipment cleaning, with water only, in a designated, bermed area that will not allow rinse water to run off-site or into streets, gutters, storm drains or creeks.
- 5) Vehicle/Equipment Maintenance and Fueling
- a) The Contractor shall perform maintenance and fueling of vehicles or equipment in a designated, bermed area or over a drip plan that will not allow run-on storm water run-off of spills.
  - b) Use secondary containment, such as a drip pan to catch leaks or spills any time that vehicle or equipment fluids are dispensed, changed or poured.
  - c) Keep a stockpile of spill clean-up materials, such as rags or absorbents, readily accessible on site.
  - d) Clean up leaks and spills of vehicles or equipment fluids immediately and dispose of the waste and clean up materials as hazardous waste.
  - e) Do not wash any spilled material into streets, gutters from drains, or creeks and shall not bury spilled hazardous.
  - f) Report any hazardous materials spill to the Town of Los Altos Hills.
  - g) Inspect vehicles and equipment arriving on site for leaking fluids and shall promptly repair leaking vehicles and equipment. Drip plans shall be used to catch leaks until repairs are made.
  - h) Recycle waste oil and anti-freeze to the maximum practical extent.
  - i) Comply with Federal, State and Town requirements or aboveground storage tanks.
- 6) Contractor Training and Awareness
- a) The Contractor shall train all employees/subcontractors on the storm water pollution prevention requirements contained in these Specifications.
  - b) Inform subcontractors of the storm water pollution prevention contract requirements and include appropriate subcontract provisions to ensure that these requirements are met.
  - c) Post warning signs in areas treated with chemicals.
  - d) Paint new catch basins, constructed as part of the project, with "No Dumping."

B. Activity Specific Requirements

The following requirements shall be met on all projects with the Town of Los Altos Hills which include the listed activities.

1) Dewatering Operation

a) Sediment Control

The Contractor shall route water through a control measure, such as a sediment trap, sediment basin trap, sediment basin to remove settleable solids before discharge to the storm drain system.

Approval of the control measures shall be obtained in advance from the Engineer.

Filtration of the water following the control measures may be required on a case-by-case basis.

If the Engineer determines that the dewatering operation would not generate an appreciable amount of settleable solids, the control measures requirement in (1) above may be waived.

The Contractor shall reuse water for other needs, such as dust control or irrigation to the maximum practicable extent.

b) Contaminated Groundwater

If the project is within an area of known groundwater contamination, then water from dewatering operations shall be tested before discharge. If the water quality meets Regional Water Control Board (RWQCB) standards, then it may be discharged to the storm drain.

Otherwise, the water shall be treated or hauled off-site for proper disposal.

2) Paving Operations

a) Project Site Management

When rain is forecast 24 hours or during wet weather, the Engineer may prevent the Contractor from paving.

The Engineer may direct the Contractor to protect drainage courses by using control measures, such as earth dike, straw bale and sand bag to divert run-off or trap and filter sediment.

The Contractor shall place drip pans or absorbent material under paving equipment when not in use.

The Contractor shall cover catch basins and manholes when paving or applying a seal coat or tack coat.

b) Paving Waste Management

The Contractor shall not sweep or wash down excess sand or screenings (placed as part of a sand seal, chip seal or to absorb excess oil) into gutters, storm drains or creeks. Instead, the Contractor shall either collect the sand and screenings and

return it to the stockpile or dispose of it in a trash container. The Contractor shall not use water to wash down fresh asphalt concrete pavement.

3) Saw Cutting

- a) During saw cutting, the Contractor shall cover or barricade catch basins using control measures, such as filter fabric, straw bales, sand bags and fine gravel dam to keep slurry out of the storm drain system. When protecting a catch basin, the Contractor shall ensure that the entire opening is covered.
- b) The Contractor shall shovel, absorb or vacuum saw cut slurry, and pick up waste before moving to the next location or at the end of each working day, whichever is sooner.
- c) If saw cut slurry enters catch basins, the Contractor shall remove the slurry from the storm drain system immediately.

4) Contaminated Soil Management

- a) On all projects involving grading or excavation, the Contractor shall look for contaminated soil as evidence by site history, discoloration, odor, differences in soil properties, abandoned underground tanks or pipes or buried debris. If the project is not within an area of known soil contamination and no evidence of soil contamination is found, then testing of the soil shall only be required if directed by the Engineer. The Contractor shall follow Section 4-11 below if contamination is found.
- b) If the project is within an area of known soil contamination or evidence of soil contamination is found, then soil from grading or excavation operations shall be tested. The soil shall be managed as required by the Engineer.

5) Concrete, Grout and Mortar Waste Management

a) Material Management

The Contractor shall store concrete, grout and mortar away from drainage areas and ensure that these materials do not enter the storm drain system.

b) Concrete Truck/Equipment Wash Out

The Contractor shall not wash out concrete trucks or equipment into streets, gutters, storm drains or creeks.

The Contractor shall perform wash out of concrete trucks or equipment off-site or in a designated area on site where water will flow onto dirt or into a temporary pit in a dirt area. The Contractor shall let the water percolate into the soil and dispose of the hardened concrete in a trash container. If a suitable dirt area is not available, then the Contractor shall collect the wash water and remove it off-site.

c) Expose Aggregate Concrete Wash Water

The Contractor shall avoid creating run-off by draining water from washing of exposed aggregate concrete to a dirt area. If a suitable dirt area is not available, then the Contractor shall filter the wash water through straw bales or equivalent material before discharging to the storm drain.

The Contractor shall collect and return sweepings from exposed aggregate concrete to a stockpile or dispose of the waste in a trash container.

6) Painting

a) Painting Clean Up/Designated Area

The Contractor shall conduct cleaning of painting equipment and tools in a designated area that will not allow run-on of storm water or run-off of spills.

The Contractor shall not allow wash water from cleaning of painting equipment and tools into streets, gutters, storm drain or creeks.

b) Water-Based Paint

The Contractor shall remove as much excess paint as possible from brushes, rollers and equipment before starting clean up.

To the maximum practicable extent, the Contractor shall dispose of wash water from aqueous cleaning of equipment and tools to the sanitary sewer.

Otherwise, the Contractor shall direct wash water onto dirt area and spade in.

c) Oil-Based Paint

The Contractor shall remove as much excess paint as possible from brushes, rollers and equipment before starting clean up.

To the maximum practicable extent, the Contractor shall filter paint thinner and solvents for re-use.

The Contractor shall dispose of waste thinner and solvent and sludge from cleaning of equipment and tools and hazardous waste, as described in Section A.2.c above.

d) Material/Waste Management

The Contractor shall store paint, solvents, chemicals and waste materials in compliance with the County of Santa Clara Hazardous Materials Storage Regulations and all applicable State and Federal regulations. The Contractor shall store these materials in a designated area which will not allow run-on of storm water or run-off of spills.

The Contractor shall dispose of excess thinners, solvents, oil and water-based paint as hazardous waste.

The Contractor shall dispose of dry, empty paint cans/buckets, old brushes, rollers, rags and drop cloths in the trash.

## Earthwork

The Contractor shall maximize the control of erosion and sediment by using the BMP's for erosion and sedimentation in the California Storm Water Best Management Practice Handbook - Construction Activity.

### **36-3 MEASUREMENT AND PAYMENT**

- A. No separate measurement shall be made for storm water pollution prevention work. Full compensation for furnishing all materials, labor, equipment, tools and for doing all work required work, as specified herein, as shown on the plans and as directed by the Engineer shall be included in various bid items and no additional compensation shall be allowed therefor.

END OF SECTION