



TOWN OF PARADISE
Department of Public Works
5555 Skyway, Paradise, California 95969

Bid Book

Notice to Bidders, Special Provisions,
Bid Documents, Contract and Project Area Exhibits

Measure C Road Rehabilitation Project 2016
Contract No. 16-05

FOR USE IN CONNECTION WITH

Standard Specifications and Standard Plans dated May 2010 of the California Department of Transportation, Revised Standard Specifications dated 05-15-2015 are incorporated in part with these Special Provisions, General Prevailing Wage Rates and Labor Surcharge, and Equipment Rental Rates in effect on the date the project work is accomplished.

Bid Opening Date and Time: April 5, 2016 at 11:00 AM

**** VOID BID SET ****

Contractors submitting bids must purchase an official bid book from the Clerk's Office. Contact Dina Volenski at (530) 872-6291 x102

Signature Page

Measure C Road Rehabilitation Project 2016
Contract No. 16-05

The Special Provisions contained herein have been prepared by or under the direction of the following Registered Person:

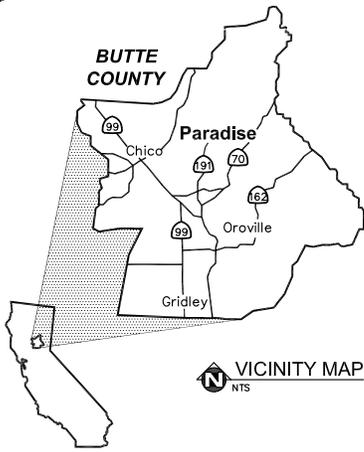


3/9/16

Marc A. Mattox
RCE 79885, Exp. 09/30/2016

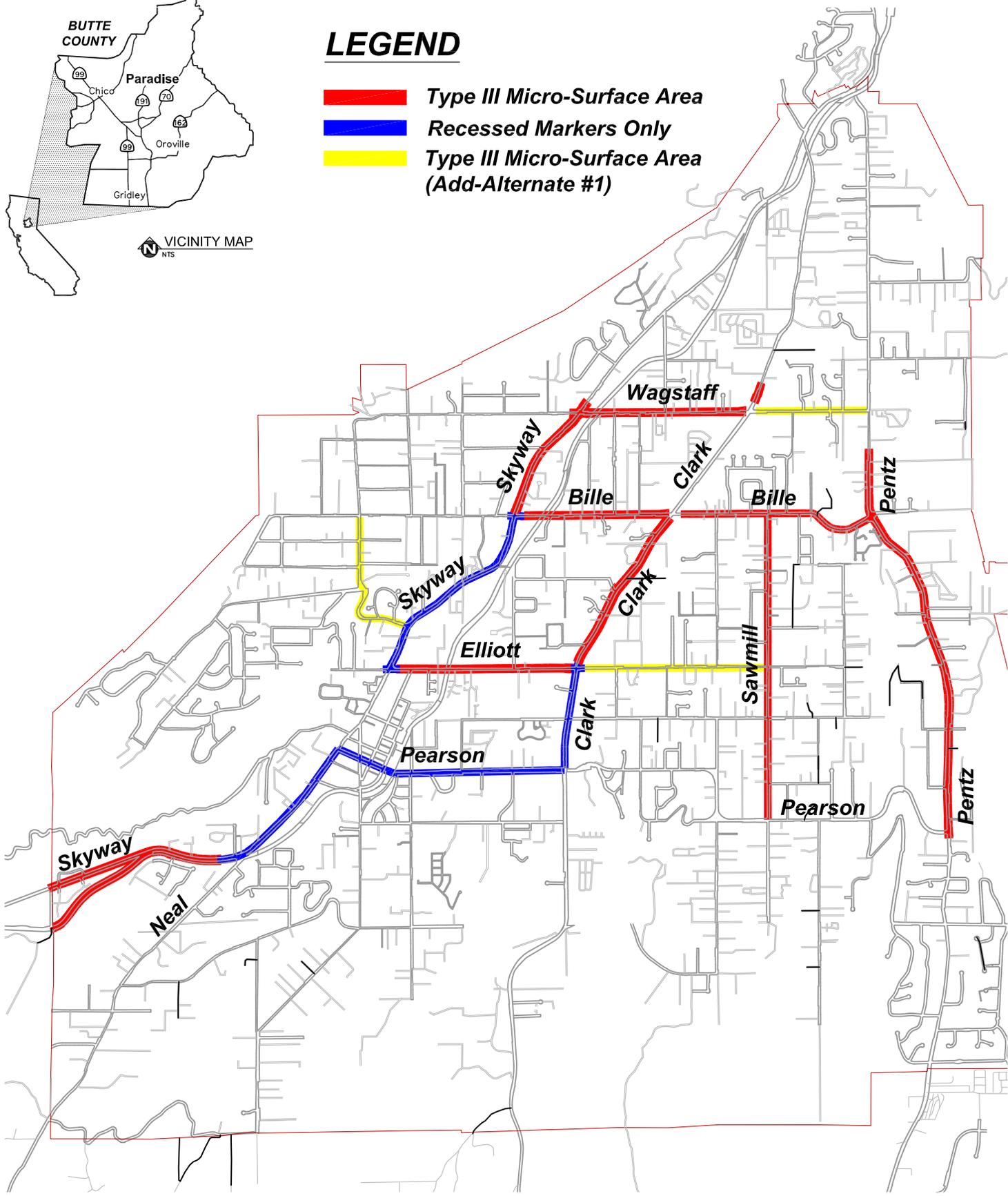
Date





LEGEND

- Type III Micro-Surface Area
- Recessed Markers Only
- Type III Micro-Surface Area (Add-Alternate #1)



TOWN OF PARADISE PUBLIC WORKS DEPARTMENT

5555 Skyway
Paradise, California 95969
Phone: (530) 872-6291 Fax: (530) 877-5059

Measure C Road Rehabilitation Project 2016

Vicinity & Project Location Map

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Important Special Notice

The Bid Documents are bound in a book together with the Notice to Bidders, Special Provisions, and Contract. The entire Bid Book does not need to be submitted with the Bid. It is the Bidder's responsibility to confirm the Bid includes all applicable forms, bonds and other attachments to remain a responsive bidder.

Submittal of a complete Subcontractors List must be submitted at bid opening.

Attention is directed to Section 37 of these Special Provisions as seal coats are measured and paid based on area, and no additional compensation will be allowed therefor.

Attention is directed that Section 12-1.03 "Flagging Costs" of the Standard Specifications is hereby deleted. All flagging costs will be totally (100%) borne by the contractor and no division of costs will be made therefor.

Notice to Bidders

Town of Paradise
Department of Public Works

Sealed bids for the work shown in the plans and specifications entitled:

Measure C Road Rehabilitation Project 2016 Contract No. 16-05

will be received at the Office of the Town of Paradise Town Clerk at 5555 Skyway, Paradise, California 95969 until **11:00 AM (PST) on April 5, 2016** at which time they will be publicly opened and read aloud in the conference room at the aforementioned address. The envelope enclosing the bid submittal shall be clearly marked "**Bid for Contract No. 16-05, Measure C Road Rehabilitation Project 2016**" and the date and hour for opening of bids. Bid forms for the project work are included herein.

No bid will be considered unless it is made on the bid form purchased from and furnished by the Department of Public Works. Bids are required for the entire work described herein.

Each bid must be accompanied by cash, cashier's check, certified check, or a bidder's bond executed by an admitted surety insurer made payable to the Town of Paradise for an amount equal to at least ten percent (10%) of the total bid amount, such guaranty to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract.

DESCRIPTION OF WORK

The work in general consists of examining the existing street surfaces, providing public notification and posting, cleaning and preparing the existing surface and covering all gate valve lids, manhole covers, and utility lids, referencing lids on gutters, providing traffic control, mixing asphaltic emulsion, aggregate and water, repair wheel path depressions, applying the mixture to the road surface, placing thermoplastic traffic stripes and pavement markings, placing recessed pavement markers including blue markers associated with fire hydrants, and final cleanup.

ENGINEER'S ESTIMATE

The Engineer's Estimate for this contract is \$500,000.

PRE-BID MEETING

No pre-bid meeting is scheduled for this project.

LIQUIDATED DAMAGES

Liquidated damages for the project are \$1,000 per working day delay

CONTRACTOR'S LICENSE CLASSIFICATION

The contractor shall possess a California Class A license or a combination of classes required by the categories and types of project work included in this contract at the time this contract is awarded. This contract is subject to state contract nondiscrimination and compliance requirements pursuant to Government Code, Section 12990.

Inquiries or questions based on alleged patent ambiguity of the plans, specifications or estimate must be communicated as a bidder inquiry prior to bid opening. Any such inquiries or questions, submitted after bid opening, will not be treated as a bid protest.

OBTAINING OR INSPECTING CONTRACT DOCUMENTS

The Project Bid Book and Construction Plans may be inspected at no cost at the Department’s offices, or copies of these documents may be obtained for a NONREFUNDABLE FEE OF \$ 30.00 PER SET. An additional fee of \$10.00 will be charged for mailing of documents. These documents can be obtained from:

TOWN OF PARADISE CLERK’S OFFICE, ATTN: DINA VOLENSKI
5555 SKYWAY, PARADISE, CALIFORNIA 95969
(530) 872-6291 x102

Copies of the referenced Standard Specifications issued by the State of California, Department of Transportation, may be obtained from the State of California, Department of Transportation, Publications Distribution Unit, 1900 Royal Oaks Drive, Sacramento, CA 95819.

Technical questions should be submitted in writing and directed to Marc Mattox, Town Engineer at mmattox@townofparadise.com.

The successful bidder, at bidder’s own expense, shall furnish a faithful performance bond and a payment bond each in an amount of one hundred percent (100%) of the total bid, respectively, and in the form prescribed for use by the Town of Paradise. The bonds shall be provided to the Town at the time of contract execution. The Town of Paradise affirms that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation.

CALIFORNIA PREVAILING WAGE REQUIREMENTS

The Project requires the payment of prevailing wage rates. Pursuant to California Labor Code Section 1770 et seq, the general prevailing wage rates in the county in which the project 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 at Town of Paradise and available from the California Department of Industrial Relations’ Internet web site at <http://www.dir.ca.gov/DLSR/PWD>. Future effective general prevailing wage rates, which have been predetermined and are on file with the California Department of Industrial Relations are referenced but not printed in the general prevailing wage rates.

In its sole discretion, the Town of Paradise or its designee may reject any and all bids presented, may accept an item or group of items of any bid, may modify or cancel in whole or in part the notice inviting bids, and may determine to re-advertise for bids. Similarly, the Town Council or its designee reserves the right to waive non-material informalities and non-material irregularities in any bids received.

If two or more bids received are for the same total amount or unit price, quality and service being equal, the Town Council or its designee may accept the one it chooses or accept the lowest bid made after negotiation with tie bidders pursuant to Public Contract Code 20166.

The Town officer or employee conducting the bidding procedure shall present the bid tabulation to the Town Council or its designee for consideration and award if deemed appropriate.

Bids will be required to set forth the price of the items bid upon, the total sales and use taxes that will be due on the purchase or use of the items bid upon, and a total figure for the price plus tax. Any difference between the taxes shown on the bid as the total figure and that actually due shall be the responsibility of the bidder.

No charge for delivery, shipping, parcel post, packing, insurance, license fees, permits, or for any other purpose will be paid by the Town of Paradise unless expressly included and itemized in the bid.

PUBLIC CONTRACT CODE SECTION 7201

Pursuant to Public Contract Code Section 7201, Town will withhold five percent (5%) from each payment to contractor until completion of the project. Town will release such retention amount to the contractor 35 days after the recordation of the Notice of Completion for the Project, provided there are no pending stop notices.

PUBLIC CONTRACT CODE SECTION 22300

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. Such securities shall be valued by the Town Treasurer, whose decision shall be final. Securities not listed under Public Contract Code Section 22300 or Government Code Section 16430 must be pre-qualified by the Town Treasurer before bid opening in order to be accepted by the Town as security.

TOWN OF PARADISE

 3/9/2016
By: Town Manager Date

Advertisement #1

March 12, 2016

Bid Item Section Reference

Base Bid

Bid Book Section Reference	Bid Item No.	Item Description	Unit of Measurement	Estimated Total Quantity
9	1	Mobilization	LS	1
12	2	Traffic Control	LS	1
84	3	Striping Reference Plan	LS	1
37	4	Type III Microsurfacing	SY	199,411
84	5	Thermoplastic Striping & Recessed Markers, Detail 9 - Lane Line	LF	23,035
84	6	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	LF	31,884
84	7	Thermoplastic Striping & Recessed Markers, Detail 25a - Left Edge Centerline	LF	15,924
84	8	Thermoplastic Striping, Detail 27b/27c - Edge Line	LF	67,838
84	9	Thermoplastic Striping & Recessed Markers, Detail 29 - Median Island	LF	739
84	10	Thermoplastic Striping & Recessed Markers, Detail 32 - Two Way Left Turn Lane	LF	5,007
84	11	Thermoplastic Striping & Recessed Markers, Detail 38 - Channelization Line	LF	1,844
84	12	Thermoplastic Striping, Detail 39/39a - Bike Lane Line	LF	475
84	13	Recessed Markers, Detail 9 - Lane Line	EA	987
84	14	Recessed Markers, Detail 22 - Centerline	EA	710
84	15	Recessed Markers, Detail 32 - Two Way Left Turn Lane	EA	1,691
84	16	Recessed Markers, Detail 37b - Channelization Line	EA	35
84	17	Recessed Markers, Detail 38 - Channelization Line	EA	223
84	18	Thermoplastic Markings, White	SF	1,496
84	19	Thermoplastic Markings, Yellow	SF	200
84	20	Thermoplastic Markings, Type IV Arrow (15 SF)	EA	57
84	21	Thermoplastic Markings, Type VI Arrow (42 SF)	EA	8
84	22	Thermoplastic Markings, "STOP" Legend (22 SF)	EA	16
84	23	Thermoplastic Markings, "ONLY" Legend (22 SF)	EA	5
84	24	Thermoplastic Markings, Yellow "SLOW" Legend (23 SF)	EA	2
84	25	Thermoplastic Markings, Yellow "SCHOOL" Legend (35 SF)	EA	2
84	26	Thermoplastic Markings, Yellow "XING" Legend (21 SF)	EA	2
84	27	Thermoplastic Markings, "SIGNAL" Legend (32 SF)	EA	1
84	28	Thermoplastic Markings, "AHEAD" Legend (31 SF)	EA	1
84	29	Thermoplastic Markings, Bike Symbol & Arrow (14 SF)	EA	2

*****Add-Alternate #1*****

Bid Book Section Reference	Bid Item No.	Item Description	Unit of Measurement	Estimated Total Quantity
12	1	Traffic Control	LS	1
84	2	Striping Reference Plan	LS	1
37	1	Type III Microsurfacing	SY	34,256
84	2	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	LF	11,561
84	3	Thermoplastic Striping, Detail 27b/27c - Edge Line	LF	22,582
84	4	Thermoplastic Markings, White	SF	30
84	5	Thermoplastic Markings, "STOP" Legend (22 SF)	EA	1

Standard Plans List

The Standard Plan sheets and Town of Paradise Standard Details applicable to this contract include, but are not limited to those indicated below and are provided in the Appendix to the Special Provisions. Applicable Revised Standard Plans (RSP) and New Standard Plans (NSP) indicated below are also included in the Appendix to the Special Provisions.

PLAN NO.

ABBREVIATIONS, LINES, SYMBOLS AND LEGEND

A10A	Abbreviations (Sheet 1 of 2)
RSP A10B	Abbreviations (Sheet 2 of 2)
A10C	Lines and Symbols (Sheet 1 of 3)
A10D	Lines and Symbols (Sheet 2 of 3)
A10E	Lines and Symbols (Sheet 3 of 3)
A10F	Legend - Soil (Sheet 1 of 2)
A10G	Legend - Soil (Sheet 2 of 2)
A10H	Legend - Rock

PAVEMENT MARKERS, TRAFFIC LINES, AND PAVEMENT MARKINGS

A20A	Pavement Markers and Traffic Lines, Typical Details
A20B	Pavement Markers and Traffic Lines, Typical Details
RSP A20C	Pavement Markers and Traffic Lines, Typical Details
A20D	Pavement Markers and Traffic Lines, Typical Details
RSP A24A	Pavement Markings - Arrows
A24B	Pavement Markings - Arrows and Symbols
RSP A24C	Pavement Markings - Symbols and Numerals
A24D	Pavement Markings - Words
RSP A24E	Pavement Markings - Words, Limit and Yield Lines
RSP A24F	Pavement Markings – Crosswalks

Special Provisions

Section 1 General

1.A Project Specifications and Plans

The work embraced herein shall conform to the provisions in the Standard Specifications dated 2010, and the Standard Plans dated 2010, of the Department of Transportation insofar as the same may apply, and these Special Provisions (which incorporate Revised Standard Specifications).

In case of conflict between the Standard Specifications and these Special Provisions, these Special Provisions shall take precedence over and shall be used in lieu of the conflicting portions.

Amendments to the Standard Specifications set forth in these Special Provisions shall be considered as part of the Standard Specifications for the purposes set forth in Section 1, "General," of the Standard Specifications. Whenever either the term "Standard Specifications is amended" or the term "Standard Specifications are amended" is used in the special provisions, the text or table following the term shall be considered an amendment to the Standard Specifications. In case of conflict between such amendments and the Standard Specifications, the amendments shall take precedence over and be used in lieu of the conflicting portions.

1.A-1 References

Refer to Section 1-1.05, "References" of the Standard Specifications.

Replace "current" in the 2nd paragraph of section 1-1.05 with:

most recent

Add to the 4th paragraph of section 1-1.05:

Any reference directly to a revised standard specification section is for convenience only. Lack of a direct reference to a revised standard specification section does not indicate a revised standard specification for the section does not exist

1.B Abbreviations

Refer to Section 1-1.06, "Abbreviations" of the Standard Specifications.

Delete the abbreviation and its meaning for UDBE in the 1st table of section 1-1.06

1.C Definitions and Terms

Wherever in the Standard Specifications, Special Provisions, Notice to Bidders, Bid, Contract, or other contract documents the following terms are used; the intent and meaning shall be interpreted as follows:

Town - Town of Paradise, California, a legal entity organized and existing in the State of California, where reference is made to the agency administering the Contract.

Bid Package – Bid Book including Notice to Bidders, Bid Documents, Contract, Special Provisions and Project Plans.

Contract Documents – Refers collectively to the Contract, Special Provisions, Project Plans, Notice to Bidders, Bid Documents, and Standard Specifications.

Contract Time – Number of original working days as adjusted by any time adjustment.

Day – 24 consecutive hours running from midnight to midnight; calendar day.

- 1) business day: Day on the calendar except Saturday, Sunday or holiday.
- 2) working day: Time measure unit for work progress. A working day is any day except:

- a. Saturday, Sunday and holiday.
- b. Day when you cannot perform work on the controlling activity for at least 50 percent of the day with at least 50 percent of the normal labor and equipment due to any of the following:
 - i. Adverse weather-related conditions that cause the Contractor to dismiss the crew.
 - ii. Maintaining traffic under the Contract.
 - iii. Engineer's direction to suspend the controlling activities for reasons unrelated to the Contractor's performance.
 - iv. Unanticipated event not caused by either party such as:
 - 1. Act of God
 - 2. Act of a public enemy.
 - 3. Epidemic.
 - 4. Fire.
 - 5. Flood.
 - 6. Governor-declared state of emergency.
 - 7. Landslide.
 - 8. Quarantine restriction.
 - v. Issue involving a third party, including:
 - 1. Industry or area-wide labor strike.
 - 2. Material shortage.
 - 3. Freight embargo.
 - 4. Jurisdictional requirement of a law enforcement agency.
 - 5. Workforce labor dispute of a utility or nonhighway facility owner resulting in a nonhighway facility rearrangement not described and not solely for the Contractor's convenience. Rearrangement of a nonhighway facility includes installation, relocation, alteration, or removal of the facility.

Department or Department of Transportation – Department of Public Works of the Town of Paradise, California.

Director or Director of Transportation – The Town Council of the Town of Paradise, California.

Disadvantaged Business Enterprise – Disadvantaged Business Enterprise as defined in 49 CFR 26.5.

Engineer – The Director of Public Works of the Town of Paradise, California, acting either directly or through duly authorized agents or consultants.

Early Completion Time – Difference in time between an early scheduled completion date and the Contract completion date.

Highway – Highway, roadway, street, avenue, lane, boulevard, or other public thoroughfare for vehicular traffic.

Job Site Activities – Work done within the physical limits of the Contract.

Laboratory or Transportation Laboratory – The established laboratory of the Town of Paradise Department of Public Works or laboratories authorized by the Town to test materials and work involved in the contract.

Liquidated Damages – The amount prescribed in the Special Provisions, pursuant to the authority of Government Code Section 53069.85 to be paid to the Town of Paradise or to be deducted from any payments due or to become due the Contractor for each day of delay in completing the whole or any specified portion of the work beyond the time allowed in the Special Provisions.

Mobilization – Preparatory work that must be performed or costs incurred before starting work on the various items on the job site (Pub Cont Code § 10104).

Scheduled Completion Date – Planned work completion date shown on the current schedule.

Standard Specifications – The 2010 edition of the Standard Specifications of the State of California, Department of Transportation. Any reference therein to the State of California or a State agency, office or officer shall be

interpreted to refer to the Town of Paradise or its corresponding agency, office, or officer acting under this contract.

State – Town of Paradise, California, a legal entity organized and existing in the State of California, where reference is made to the agency administering the Contract.

State Contract Act – All applicable provisions of the Public Contract Code (excluding Chapter 1, Division 2, Part 2, therein), Government Code, Labor Code, Civil Code, Business & Professions Code, as they apply to contracts with local public agencies, as defined in said codes. No provision of the Standard Specifications or these special provisions shall be construed as an election under Public Contract Code section 20396 to have this project performed under the provisions of the State Contract Act. Individual provisions of the State Contract Act shall apply only as specifically referenced in these specifications or special provisions.

State Highway Engineer – The Town Engineer of the Town of Paradise, State of California

Transportation Building, Sacramento – Department of Public Works, Town of Paradise State of California.

Section 2 Bidding

The bidder's attention is directed to the provisions in Section 2, "Bidding" of the Standard Specifications. Section 2 is amended as deleted and replaced with the following provisions:

2.A General

Section 2 includes specifications related to bid eligibility and the bidding process.

The electronic bid specifications in section 2 apply if Electronic Bidding Contract is shown on the cover of the Notice to Bidders and Special Provisions.

2.B Bid Ineligibility

A firm that has provided architectural or engineering services to the Department for this contract before bid submittal for this contract is prohibited from any of the following:

1. Submitting a bid
2. Subcontracting for a part of the work
3. Supplying materials

2.C Contractor Registration

No contractor or subcontractor may be listed on a bid proposal for a public works project (submitted on or after March 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)].

2.D Bid Documents

2.D-1 General

The Bid book includes bid forms and certifications.

The Notice to Bidders and Special Provisions includes the Notice to Bidders, revised standard specifications, and special provisions.

Bid Books and project contract documents may be obtained at the Town of Paradise Clerk's Office, Attention: Dina Volenski, 5555 Skyway, Paradise, California 95969; a refer to the Notice to Bidders for more information.

The Bid Documents are bound in a book together with the Notice to Bidders, special provisions, and contract. The project plans are a separate attachment. The entire Bid Book does not need to be submitted with the Bid. It is the Bidder's responsibility to confirm the Bid includes all applicable forms, bonds and other attachments to remain a responsive bidder. This includes all DBE related bid forms.

2.D-2 Supplemental Project Information

The Department makes supplemental information available as specified in the special provisions.

Logs of test borings are supplemental project information.

If an Information Handout or cross sections are available, you may view them at the Contract Plans and Special Provisions link at the Bidders' Exchange website.

If rock cores are available, you may view them by sending a request to Corerroom@dot.ca.gov.

If other supplemental project information is available for inspection, you may view it by phoning in a request.

Make your request at least 7 days before viewing. Include in your request:

1. District-County-Route
2. Contract number
3. Viewing date
4. Contact information, including telephone number

2.E Job Site and Document Examination

Examine the job site and bid documents. Notify the Department of apparent errors and patent ambiguities in the plans, specifications, and Bid Item List. Failure to do so may result in rejection of a bid or rescission of an award.

Bid submission is your acknowledgment that you have examined the job site and bid documents and are satisfied with:

1. General and local conditions to be encountered
2. Character, quality, and scope of work to be performed
3. Quantities of materials to be furnished
4. Character, quality, and quantity of surface and subsurface materials or obstacles
5. Requirements of the contract

2.F Bid Item List

Submit a bid based on the bid item quantities the Department shows on the Bid Item List.

2.G Subcontractor List

On the Subcontractor List form, list each subcontractor to perform work in an amount in excess of 1/2 of 1 percent of the total bid or \$10,000, whichever is greater (Pub Cont Code § 4100 et seq.).

For each subcontractor listed, the Subcontractor List form must show:

1. Business name and the location of its place of business.
2. California contractor license number for a non-federal-aid contract.
3. Public works contractor registration number
4. Portion of work it will perform. Show the portion of the work by:
 - a. Bid item numbers for the subcontracted work
 - b. Dollar amount associated with the subcontracted work for each bid item listed
 - c. Description of the subcontracted work if the percentage of the bid item listed is less than 100 percent

In accordance with Public Contract Code § 4104 (a)(2)(B), the Town requires a completed subcontractor list at the bid opening. An incomplete subcontractors list results in a non-responsive bid. Submittals after the bid opening will not be accepted.

2.H Bid Document Completion and Submittal

2.H-1 General

Complete the forms provided in the Bid book.

Use the forms provided by the Department except as otherwise noted for a bidder's bond.

Submit the forms to the Office of the Town of Paradise Town Clerk at 5555 Skyway, Paradise, California 95969 until **11:00 AM (PST) on April 5, 2016**.

Do not fax forms.

All Bids must be made on the required Bid form(s). All blank spaces for Bid prices must be filled in, in ink or typewritten, and the Bid form must be fully completed and executed when submitted. Any corrections to entries made on Bid forms must be initialed by the person signing the Bid. In case of discrepancy between words and figures, words will prevail. Only one copy of the Bid form is required.

If an agent other than the authorized corporate officer or a partnership member signs the bid, file a Power of Attorney with the Department either before opening bids or with the bid. Otherwise, the bid may be nonresponsive.

Submit your bid and any Bid book forms after you submit your bid:

1. Under sealed cover
2. Marked as a bid
3. Identifying the contract number and the bid opening date

Failure to submit the forms and information as specified may result in a nonresponsive bid.

2.H-2 Required Items for Bid

In conformance with Public Contract Code Section 7106, a Noncollusion Affidavit is included in the Bid Book. Signing the Bid Book shall also constitute signature of the Noncollusion Affidavit.

Failure of the bidder to fulfill the requirements of the Special Provisions for submittals required to be furnished after bid opening, including but not limited to escrowed bid documents, where applicable, may subject the bidder to a determination of the bidder's responsibility in the event it is the apparent low bidder on a future public works contract. Incomplete submittal of bid documents will result in a non-responsive bid. The entire Bid Book does not need to be submitted with the Bid. It is the Bidder's responsibility to confirm the Bid includes all applicable forms, bonds and other attachments to remain a responsive bidder.

2.H-2.a List of Required Items for Bid

The following lists of items are required to be submitted with the Bid:

1. Bid Cover Page
2. Bid Item List
3. List of Subcontractors (if needed).
4. Equal Employment Opportunity Certification
5. Public Contract Code Statements and Questionnaire
6. Noncollusion Affidavit
7. Debarment And Suspension Certification
8. Bid Signature Page
9. Bidder's Security

2.H-3 Bid Form Submittal Schedules

The Bid book includes forms specific to the contract. The deadlines for the submittal of the forms vary depending on the requirements of each contract. Determine the requirements of the contract and submit the forms based on the applicable schedule specified as follows:

Submit all documents at the time of bid.

2.H-4 Bidder's Security

Submit one of the following forms of bidder's security equal to at least 10 percent of the bid:

1. Cash
2. Cashier's check
3. Certified check
4. Signed bidder's bond by an admitted surety insurer
5. For an electronic bid, electronic bidder's bond by an admitted surety insurer submitted using an electronic registry service approved by the Department.

Submit cash, cashier's check, certified check, or bidder's bond to the Department at the Bidders Exchange before the bid opening time.

Submit electronic bidder's bond with the electronic bid.

If using a bidder's bond, you may use the form in the Bid book. If you do not use the form in the Bid book, use a form containing the same information.

The bidder's bond must conform to either the bond form page in this Bid Book, or on a form that conforms to it.

Attorneys-in-fact who sign bid bonds, payment bonds or performance bonds must file with each bond a certified and effective dated copy of their power of attorney.

2.I Bid Withdrawal

For a submitted bid:

1. An authorized agent may withdraw a bid before the bid opening date and time by submitting a written bid withdrawal request at the location where the bid was submitted. Withdrawing a bid does not prevent you from submitting a new bid.
2. After the bid opening time, you cannot withdraw a bid.

2.J Bid Opening

The Department publicly opens and reads bids at the time and place shown on the Notice to Bidders.

2.K Department's Decision on Bid

The Department's decision on the bid amount is final.

The Department may reject:

1. All bids
2. A nonresponsive bid

2.L Bid Relief

The Department may grant bid relief under Pub Cont Code § 5100 et seq. Submit any request for bid relief to the Office Engineer. The Relief of Bid Request form is available at the Department's website.

2.M Submittal Failure History

The Department considers a bidder's past failure to submit documents required after bid opening in determining a bidder's responsibility.

2.N Bid Rigging

This Section applies to a federal-aid contract.

The U.S. Department of Transportation (DOT) provides a toll-free hotline to report bid rigging activities. Use the hotline to report bid rigging, bidder collusion, and other fraudulent activities. The hotline number is (800) 424-9071. The service is available 24 hours 7 days a week and is confidential and anonymous. The hotline is part of the DOT's effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General.

2.0 Addenda and Explanations to Bidders

Any explanation regarding the meaning or interpretation of Plans, Specifications, or other Contract Documents must be requested in writing, with sufficient allowance of time for receipt of reply before the time set for opening of Bids. Any such explanations or interpretations shall be made in the form of Addenda to the Documents and shall be furnished to all Bidders, who shall acknowledge receipt of all Addenda in their Bids. Oral explanations and interpretations shall not be binding.

When obtaining and making payment for the Bid Book, bidder shall sign a bidders list, and provide contact information (address, fax number, email address and phone number) for the sole purpose of providing any addenda for the project. Bidder should put the contact information of where addenda should be sent/ received.

An addendum will be issued no sooner than ten (10) days prior to Bid Opening and no later than three (3) days before Bid Opening to document and memorialize the federal wage determination for the project.

Confirmation of bidder accepting addenda is required.

Section 3 Contract Award and Execution

3.A General

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

Sections 3-1.08 of the Standard Specifications shall not apply.

3.B Contract Award

Refer to Section 3-1.04 "Contract Award" of the Standard Specification is amended to read:

If the Department awards the contract, the award is made to the lowest responsible bidder within 60 days after bid opening. The Department may extend the specified award period if the bidder agrees.

3.B-1 Bid Protest

Submit any bid protest to the Engineer. Bid protests are to be delivered to the following address:

Town of Paradise Public Works Director

5555 Skyway, Paradise, CA 95969

3.B-1.a Bid Protest Procedure

- i. The initial bid protest must be submitted in writing to the above address no later than 5PM of the 5th business day following bid opening.
 1. The initial protest shall refer to both the Contract number and the specific portion of the document which forms the basis for the protest.
 2. The initial protest shall include the name, address, telephone number and signature of the person representing the protesting party.
 3. The party filing the initial protest shall concurrently transmit a copy of the initial protest document and any attached documentation to all other parties with a direct financial interest which may be adversely affected by the outcome of the protest. Such parties shall include all other Bidders or proposers who appear to

have a reasonable prospect of receiving an award depending upon the outcome of the protest.

- ii. The protesting bidder shall submit to the Department a full and complete written statement specifying the grounds for the protest no later than 5 PM of the 5th business day following the submittal of the initial protest.
- iii. The Department will issue a proposed decision on the protest. The final decision on any protest shall be made by the Town of Paradise Town Council prior to the award of the Contract. If the Board determines that a protest is frivolous, the party originating the protest may be determined to be irresponsible and that party may be determined to be ineligible for future contract awards.
- iv. The procedure and time limits set forth in this paragraph are mandatory and are the Bidder's sole and exclusive remedy in the event of Bid protest and failure to comply with these procedures shall constitute a failure to exhaust administrative remedies and a waiver of any right to further pursue the bid protest or otherwise challenge the bid award, including filing a Government Code Claim or legal proceedings.

3.B-2 Bid Evaluation

This project is bid as a Base Project with one additive-alternate for additional project areas in similar scope of the base bid which may be added depending on the cost of bids for the Base Project and the Alternate Item.

Approximately \$500,000 is expected to be available for this project. Additionally, the Town may use its discretion and supplement the budgeted amount with other available Town funds. The specific funding amount upon which the contract will be awarded will be publicly disclosed by the Department before the first bid is opened, and will be announced at the bid opening.

The Town will evaluate all bids for this project based on the Base Project, followed by the Base Project plus an Alternate Bid Item (if provided), prioritized to determine which bid provides the greatest structural section as determined by the Town within the specified Funding Amount. The contract, if awarded, will be awarded to the responsive and responsible bidder who submitted the lowest bid, as determined by the method set forth in Public Contract Code section 20103.8, subdivision (c), which provides that:

- The lowest bid shall be the lowest total of the bid prices on the base contract and those additive or deductive items that when taken in order from a specifically identified list of those items in the solicitation, and added to, or subtracted from, the base contract, are less than, or equal to, a funding amount publicly disclosed by the local agency before the first bid is opened.

The award of the contract, if it be awarded, will be to the lowest responsible, responsive bidder based upon the base bid, and any additive bid items chosen by the Town, whose bid complies with all the requirements prescribed.

If, at the time the contract is to be awarded, the total of the lowest acceptable Bid exceeds the funds then estimated by the Town as available, the Town may reject all bids or take such other action as best serves the Town's interests. In any case, the Town reserves the right to reject all bids.

3.B-3 Investigation of Bidder

The Town may make such investigations as it deems reasonably necessary to determine the ability of the Bidder to perform the project work, and the Bidder shall furnish to the Town all such information and data for this purpose as the Town may request. The Town reserves the right to reject any Bid if the evidence submitted by, or investigation of, such Bidder fails to satisfy the Town that such Bidder is properly qualified to carry out the obligations of the Agreement and to complete the project work contemplated therein.

3.C Contract Bonds

The provisions of Section 3-1.05 of the Standard Specifications shall not apply.

The successful bidder shall furnish two bonds for the contract. As required under Section 9550 of the Civil Code, the successful bidder shall furnish a Payment Bond; provided that the bond shall be in the amount of one-hundred percent (100%) of the contract price to guarantee the payment of claims of laborers, mechanics, or material men employed to work under the contract.

In addition, the bidder shall furnish a Performance Bond in the amount of one-hundred percent (100%) of the contract price to guarantee the faithful performance of the contract.

All alterations, extensions of time, extra and additional work, and other changes authorized by these specifications or any part of the contract may be made without securing the consent of the surety or sureties on the contract bonds.

Bond forms are provided with the Contract Documents.

Sureties on each of said bonds shall be satisfactory to the Town Attorney.

3.D Contract Execution

The provisions of Section 3-1.18, "Contract Execution" of the Standard Specifications shall be changed to read as follows:

The successful bidder must sign the Contract form included in the Bid Book.

After Award of the Contract by the Town, the Engineer will issue a "Notice of Award", which includes applicable contract documents. Upon Receipt of the Notice of Award, deliver to the Engineer:

1. Signed Contract form
2. Contract bonds
3. Documents identified in Section 3-1.07 of the Standard Specifications, "Insurance Policies"
4. Payee Data Record
5. For a Federal-Aid contract, Caltrans Bidder - DBE Information form

These contract documents must be received by the Engineer before the 10th business day after the bidder receives the contract.

Executed contract documents shall be delivered to the following address:

TOWN OF PARADISE, DEPARTMENT OF PUBLIC WORKS
5555 SKYWAY, PARADISE, CALIFORNIA 95969

The bidder's security may be forfeited for failure to execute the contract within the time specified.

3.E Bidder's Securities

The provisions of Section 3-1.19, "Bidders' Securities" of the Standard Specifications shall be changed to read as follows:

Failure of the lowest responsible bidder, the second lowest responsible bidder, or the third lowest responsible bidder to execute the contract as required in Section 3.E "Contract Execution," within 10 business days of receiving the contract for execution shall be just cause for the forfeiture of the Bid guaranty. The successful bidder may file with the Department a written notice, signed by the bidder or the bidder's authorized representative, specifying that the bidder will refuse to execute the contract if it is presented. The filing of this notice shall have the same force and effect as the failure of the bidder to execute the contract and furnish acceptable bonds within the time specified.

Section 4 Scope of Work

4.A General

The bidder's attention is directed to the provisions in Section 4, "Scope of Work" of the Standard Specifications and these special provisions for the requirements and conditions concerning scope of work.

4.B Location of Work

The Project is located along various Town of Paradise roadways. A map and quantity breakdown for each project location is provided in this Bid Book. A general listing is provided below:

Micro-Surfacing + New Striping and Recessed Markers

- Skyway, Town Limits to Neal
- Skyway, Bille to Wagstaff
- Clark, Elliott to Bille (Includes Wheel Path Depression Repairs)
- Wagstaff, Skyway to Clark
- Bille, Skyway to Clark
- Elliott, Skyway to Clark (Includes Wheel Path Depression Repairs)
- Pentz, Ponderosa to Pearson
- Bille, Clark to Pentz
- Sawmill, Pearson to Bille (Includes Wheel Path Depression Repairs)
- Elliott, Clark to Sawmill **Add-Alternate #1*
- Wagstaff, Clark to Pentz **Add-Alternate #1*
- Oliver, Skyway to Bille **Add-Alternate #1*

New Striping and Recessed Markers

- Skyway, Neal to Pearson
- Skyway, Elliott to Bille
- Pearson, Skyway to Clark
- Clark, Pearson to Elliott

4.C Description of Work

The bidder's attention is directed to the provisions in Section 4, "Scope of Work" of the Standard Specifications and these special provisions for the requirements and conditions concerning scope of work.

The work in general consists of examining the existing street surfaces, providing public notification and posting, cleaning and preparing the existing surface and covering all gate valve lids, manhole covers, and utility lids, referencing lids on gutters, providing traffic control, mixing asphaltic emulsion, aggregate and water, repair wheel path depressions, applying the mixture to the road surface, placing thermoplastic traffic stripes and pavement markings, placing recessed pavement markers including blue markers associated with fire hydrants, and final cleanup.

4.D Contract Documents Provided to Contractor

The Engineer will furnish to the Contractor, upon request and free of charge, three (3) copies of Contract Documents. Additional copies of Contract Documents or Plans may be obtained upon request by paying appropriate costs for reproduction.

4.E Change Orders – General

The provisions of Section 4-1.05A, “General” of the Standard Specifications shall be changed to read as follows:

The Department may make changes within the scope of work and add extra work, subject to the limitations of Section 20395, subdivision (d) of the Public Contract Code. The Engineer describes the changes and extra work, the payment basis, and any time adjustment in a Change Order.

A Change Order is approved when the Department signs the Change Order.

Until the Department approves a Change Order, continue to perform the work under the Contract. If ordered in writing by the Engineer, you shall proceed with the work so ordered prior to actual receipt of an approved contract change order therefor. In those cases, the Engineer will, as soon as practicable, issue an approved contract change order for the ordered work.

Submit detailed cost data for a unit price adjustment for a bid item if:

1. the Engineer requests the data or,
2. you request a unit price adjustment resulting from a change of more than 25 percent in the bid item's quantity.

Refer to Section 5-1.27E, “Change Order Bills”.

4.F Work Character Changes

The provisions of Section 4-1.05B, “Work Character Changes” of the Standard Specifications shall be changed to read as follows:

The Department may, in its sole discretion, issue a Change Order to adjust the unit price for an item if:

1. An ordered plan or specification change materially changes the character of a work item from that on which the bid price was based; and
2. The unit cost of the changed item differs when compared to the unit cost of that item under the original plans and specifications.

4.G Differing Site Conditions

The provisions of Section 4-1.06, “Differing Site Conditions” of the Standard Specifications shall be changed to read as follows:

4.G-1 Subsurface Conditions

In the event the work hereunder requires digging trenches or excavation deeper than four (4) feet, the Contractor shall promptly, and before the following conditions are disturbed, notify the Department by written notice of:

1. Material that the Contractor believes may be material that is hazardous waste, as defined in Section 25117 of the Health and Safety Code that is required to be removed to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law.
2. Subsurface or latent physical conditions at the site differing from those indicated.
3. Unknown physical conditions at the site of an unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in this contract.

Upon such notification, the Department shall promptly investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in the Contractor’s cost of, or the time required for performance of any part of the work, shall issue a change order under the procedures described in the Standard Specifications and these Special Provisions.

In the event that a dispute arises between the Department and the Contractor whether the conditions do materially so differ, or involve hazardous waste, or cause a decrease or increase in the Contractor's cost of, or time required for, performance of any part of the work, the Contractor shall not be excused from any scheduled completion date provided for by this contract, but shall proceed with all work to be performed under this Contract. Contractor shall retain any and all rights provided either by contract or by law, which pertain to the resolution of disputes and protests between the contracting parties.

4.G-2 Other Conditions

With respect to differing site conditions, other than those to which Section 4-7.A applies, the following procedures shall apply:

Promptly notify the Engineer if you find either of the following conditions:

1. Physical conditions differing materially from either of the following:
 - a. Contract documents
 - b. Job site examination
2. Physical conditions of an unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in the work provided for in the Contract

Include details explaining the information you relied on and the material differences you discovered.

If you fail to promptly notify the Engineer, you waive the differing site condition claim for the period between your discovery of the differing site condition and your notification to the Engineer.

If you disturb the site after discovery and before the Engineer's investigation, you waive the differing site condition claim.

Upon your notification, the Engineer investigates job site conditions and:

1. Notifies you whether to resume affected work
2. Decides whether the condition differs materially and is cause for an adjustment of time, payment, or both.

Section 5 Control of Work

5.A General

The bidder's attention is directed to the provisions in Section 5 "Control of Work" of the Standard Specifications and these Special Provisions.

Add between "million" and ", professionally" in the 3rd paragraph of section 5-1.09A:

and 100 or more working days

Add to the list in the 4th paragraph of section 5-1.09A:

9. Considering discussing with and involving all stakeholders in evaluating potential VECPs

Add to the end of item 1.1 in the list in the 7th paragraph of section 5-1.09A:

, including VECPs

Sections 5-1.13C and 5-1.13D of the Standard Specifications shall not apply and are deleted.

5.B Subcontracting

5.B-1 General

Refer to Section 5-1.13A, "General" of the Standard Specifications.

Replace the 8th paragraph of section 5-1.13A with:

Each subcontractor must have an active and valid:

1. State contractor license with a classification appropriate for the work to be performed (Bus & Prof Code § 7000 et seq.)
2. Public works contractor registration number with the Department of Industrial Relations.

5.C Coordination with Utilities

Refer to Section 5-1.20 “Coordination with Other Entities” of the Standard Specifications, the following provision are added:

Contractor is to coordinate with utility companies for the relocation of existing, and construction of new utility facilities, if applicable. Specifically, the Contractor's attention is directed to existing PG&E (gas & electric) overhead and underground facilities, AT&T overhead and underground facilities, Comcast, and Paradise Irrigation District facilities.

5.D Construction Water

The Contractor can obtain construction water for construction by making arrangements with Paradise Irrigation District (530) 877-4971 for a temporary hydrant meter.

Full compensation for developing, maintaining, and distributing construction water will be considered as included in the contract price paid for the various items of project work and no additional compensation will be allowed therefor.

5.E Permits, Licenses, Agreements and Certifications – After Award

The provisions of Section 5-1.20B(3), “After Award” of the Standard Specifications shall be changed to read as follows:

Confirm with the Engineer which after-award PLACs are obtained by the Department and which are obtained by the Contractor. Unless otherwise specified by the Engineer in writing, all after-award PLACs are to be obtained by the Contractor.

To make a change to an after-award PLAC obtained by the Department, submit the proposed change. The Department sends the proposed change to the appropriate authority for consideration.

Obtain those PLACs to be issued to you and pay fees and costs associated with obtaining them. Submit copies of Contractor-obtained after-award PLACs for review.

Permits from the Town will be of no-charge to the Contractor.

5.F Submittals

Refer to Section 5-1.23, “Submittals” of the Standard Specifications and the following provisions

5.F-1 General

Section 5-1.23A, “General” is amended as follows:

Add between the 2nd and 3rd paragraphs of section 5-1.23A:

Submit action and informational submittals to the Engineer.

Replace the 3rd paragraph of Section 5-1.23A with:

Each sheet of a submittal must include a cover sheet with the following information:

1. Contract number
2. Local Agency–Route–Post Mile/ Station (if applicable)
3. Contractor’s name and contact information
4. Date of Submittal
5. Submittal Number

6. Numbered in reference to the Bid Item Number/ List. If there is no bid item that applies to the submittal, the submittal shall be appropriately identified as to the subject matter.
7. Structure name and number, if any

5.F-2 Action Submittals

Section 5-1.23B, "Action Submittals" is amended with the following provisions:

Except for shop drawings and test samples, provide two (2) copies of the submittal.

Add between the 5th and 6th paragraphs of section 5-1.23B(1):

For a revised submittal, allow the same number of days for review as for the original submittal.

Delete the 1st sentence in the 10th paragraph of section 5-1.23B(2).

5.F-3 As-Built Plans

Contractor shall provide the Town with a set of As-Built drawings at the end of the project. As-Built drawings shall be maintained and updated throughout construction, at the end of the project. As-Built drawings shall identify at a minimum all installations of typical and non-typical materials.

5.G Construction Surveying

Refer to Section 5-1.26, "Construction Surveys" of the Standard Specifications, which is deleted and replaced with the following provisions:

The Contractor must provide stakes and marks under Chapter 12, "Construction Surveys," of Caltrans's Surveys Manual, or as needed and approved by the Engineer. The survey manual may be obtained at the Town Department of Public Works or at the following web address:

http://www.dot.ca.gov/hq/row/landsurveys/SurveysManual/Manual_TOC.html

Section 12.5 "Typical State-Furnished Control Stakes" of the Survey's Manual is amended as follows:

12.5-1 Clearing Stakes may be placed less than 100 feet longitudinally as needed.

Preserve stakes and marks placed by your forces. If the stakes or marks are destroyed, the Department will not replace or pay for replacement staking. Re-staking costs will be borne by the Contractor.

5.H Records

Section 5-1.27E "Change Order Bills" of the Standard Specifications is amended to delete any reference to on-line or "internet change order billing system". Change order bills shall be submitted hard copy and shall adhere to Section 5-1.23 "Submittals" of the Standard Specifications.

5.I Construction Limits

The Contractor shall confine his operations to designated property, road rights-of-way, existing easements, or as identified and designated on the Plans. Any encroachment onto lands outside of these aforementioned areas will require the contractor to supply, in writing, an agreement which shows a right-of-entry, temporary construction easement, proof of ownership or other form of right to use such land(s) PRIOR to the encroachment or use of such lands.

5.J Vandalism

The Contractor is responsible for the protection of the entire jobsite, including protecting the fresh concrete against vandalism and damage. Any damaged concrete will be repaired or replaced as determined by the Engineer. Any additional security measures required to protect against vandalism will be included in the respective individual items and no additional compensation will be allowed.

Full compensation for vandalism control will be considered as included in the contract price paid for the various items of work and no additional compensation will be allowed therefor.

5.K Property and Facility Preservation

Refer to Section 5-1.36 "Property and Facility Preservation" of the Standard Specifications. Contractor shall adequately cover and protect all utility lids, vaults and manholes from micro-surfacing application. Contractor shall perform a pre-construction lid assessment to determine the location and quantity of lids to be covered. This list shall be verified during construction and checked for quality assurance post-construction to prevent any lids being inadvertently covered.

5.L Potential Claims and Dispute Resolution

Replace "working days" in the 1st paragraph of section 5-1.43E(1)(a) with:

original working days

Replace "settled" in the last paragraph of section 5-1.43E(1)(d) with:

resolved

Replace items 3.1 and 3.2 in the list in the paragraph of section 5-1.43E(3)(b) with:

- 3.1. One-time objection to the other's candidate without stating a reason
- 3.2. Objection to any of the other's subsequent candidates based on a specific breach of the candidate's responsibilities or qualifications under items 1 and 2 above

5.M Final Inspection and Contract Acceptance

Attention is directed to the provisions in Section 5-1.46 "Final Inspection and Contract Acceptance" of the Standard Specifications, which is amended to read:

When you complete the work, request the Engineer's final inspection. The Engineer will promptly inspect the project work.

If the Engineer determines that the work is complete, the Engineer recommends Contract acceptance. Immediately after Contract acceptance, you are relieved from:

1. Maintenance and protection duties.
2. Responsibility for injury to persons or property or damage to the work occurring after Contract acceptance except as specified in section 6-3.06 of the Standard Specifications.

If the Engineer determines that the work is not complete, the Engineer will develop a final punch list, and the Contractor will be notified in writing of any defects or deficiencies to be remedied. When notified that this project work has been completed, the Engineer will again inspect the project work and when satisfied that all project work has been done in accordance with the contract drawings and these Special Provisions, he will recommend to the Town Council that they formally accept the contract as complete. The completion date, for purposes of computing "Time for Completion" and liquidated damages, if any, will be considered to be the date of Contractor's first written completion notice, provided that, in the Engineer's judgment, the project work is substantially complete and operational at that time.

Section 6 Control of Materials

6.A General

The bidder's attention is directed to the provisions in Section 6 "Control of Materials" of the Standard Specifications and these special provisions.

6.B Authorized Materials List

The Department adopts Caltrans's maintained Pre-Qualified Products List (Authorized Materials List) for various construction materials, and can be found at: http://www.dot.ca.gov/hq/esc/approved_products_list/

Materials may be used or specified to be on this maintained list. The Engineer shall not be precluded from sampling and testing products on the Pre-Qualified Products List.

The manufacturer of products on the list of Prequalified and Tested Signing and Delineation Materials shall furnish the Engineer a Certificate of Compliance in conformance with the provisions in Section 6-3.05E, "Certificates of Compliance," of the Standard Specifications for each type of material supplied that applies to this list.

For those categories of materials included on the Pre-Qualified Products List, only those products shown within the listing may be used in the work. Other categories of products, not included on the list of Prequalified and Tested Signing and Delineation Materials, may be used in the work provided they conform to the requirements of the Standard Specifications.

Materials and products may be added to the Pre-Qualified Products List if the manufacturer submits a New Product Information Form to the New Product Coordinator at the Transportation Laboratory. Upon a Departmental request for samples, sufficient samples shall be submitted to permit performance of required tests. Approval of materials or products will depend upon compliance with the specifications and tests the Department may elect to perform.

6.C Quality Assurance

The eighth paragraph of Section 6-3.05A "General" of the Quality Assurance subsection of the Standard Specifications which refers to typical Caltrans Test Methods shall be replaced with:

For a material to comply with a property show in the following table, the Department tests under the corresponding test methods shown:

Relative Compaction, Test Method ASTM D2922 and D3017

Sand Equivalent, Test Method CT 217

Resistance (R-Value), Test Method CT 301

Grading (sieve analysis), Test Method CT 202

Durability Index, Test Method CT 229

The Agency uses a Quality Assurance Program (QAP) to ensure a material is produced to comply with the Contract. The Quality Assurance Program is formally incorporated to this contract. A copy of the QAP may be requested at any time.

You may examine the records and reports of tests the Agency performs if they are available at the job site.

Schedule project work to allow time for QAP

Section 7 Legal Relations and Responsibility to the Public

7.A General

Attention is directed to the provisions in Section 7, "Legal Relations and Responsibility to the Public" of the Standard Specifications and these special provisions.

7.B Prevailing Wage

Refer to Section 7-1.02K, "Labor Code" of the Standard Specifications are amended to modify the following provisions:

Replace "§§ 1727 and 1770–1815" in the 1st sentence of the 1st paragraph of section 7-1.02K(1) with:

§ 1720 et seq.

In conjunction with all other Labor Code provisions, special attention is made to Labor Code §§ 1771.1 which has been changed to require registration of contractors and subcontractors to be eligible for bidding, as follows:

1771.1. (a) A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.

Contractor and subcontractors are directed to the Department of Industrial Relations website for further information and online registration information; <http://www.dir.ca.gov/Public-Works/PublicWorks.html> .

In accordance with §§ 1771.4 (a) (1), this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

The Department does not utilize a Labor Compliance Plan, and therefore California Labor Code 1771.4 and 1771.6 shall apply to this project.

7.B-1 Wages

Refer to Section 7-1.02K(2), "Wages" of the Standard Specifications are amended to include the following provisions:

Replace "\$50" in the 1st sentence in the 6th paragraph of section 7-1.02K(2) with:

\$200

If there is a difference between the minimum wage rates predetermined by the Secretary of Labor and the general prevailing wage rates determined by the Director of the California Department of Industrial Relations for similar classifications of labor the Contractor and subcontractors shall pay not less than the higher wage rate. See Section IV of the Federal provisions. This includes "helper" (or other classifications based on hours of experience) or any other classification not appearing in the Federal wage determinations. Where Federal wage determinations do not contain the State wage rate determination otherwise available for use by the Contractor and subcontractors, the Contractor and subcontractors shall pay not less than the Federal minimum wage rate, which most closely approximates the duties of the employees in question.

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 Department of Public Works address. Changes, if any, to the general prevailing wage rates will be available at the same location.

The minimum wage rates for the Director of the California Department of Industrial Relations can be found at: <http://www.dir.ca.gov/DLSR/PWD/index.htm>

The Contractor's attention is directed to California Labor Code 1815 regarding overtime pay and the requirement that penalties in accordance with current applicable Labor Codes will be levied for each workman for each calendar day during which the overtime pay provision is not met. The Contractor's attention is also directed to the requirements for travel and subsistence payments to all workers needed to execute the Contract.

7.B-2 Certified Payroll Records (Labor Code 1776)

Refer to Section 7-1.02K(3), "Certified Payroll Records" of the Standard Specifications are amended to include the following provisions:

Replace "\$25" in the 2nd sentence in the 13th paragraph of section 7-1.02K(3) with:

\$100

Electronic submittal of certified payroll records in Section 7-1.02K(3) "Certified Payroll Records" of the Standard Specifications are amended to delete electronic (email) submittal provisions. Electronic submittals of certified payroll records will not be accepted. Submittals shall be original hard copies of required documents. Submittal of payroll records shall continue to be submitted on a weekly basis as specified in the Standard Specifications.

In accordance with Labor Code §§ 1771.4, all CPRs must be submitted electronically to DIR in addition to original hard copies to the Department. Refer to the DIR website for electronic submittal instructions.

7.C Public Convenience

Refer to Section 7-1.034, "Public Convenience" of the Standard Specifications are amended to include the following provisions

7.C-1 Working Hours Restrictions

Reference Section 7-5 Traffic Control of the Standard Specification and as amended in these Special Provisions.

Work on Saturdays, Sundays, or Holidays will not be allowed, unless otherwise stated or approved in advance by the Engineer and the Contractor is willing to pay the fully burdened rate for the Town Construction Inspector costs. The Contractor shall notify the Engineer in writing of Contractor's project work schedule including hours to be worked and days off. The Contractor's representative shall be available at the project work site during the hours indicated in the project work schedule. The project work schedule will be used by the Engineer to schedule construction observation personnel. No project work shall be permitted outside the hours and days indicated by the schedule unless otherwise approved by the Engineer.

Contractor must keep their hours of work between 7 PM and 7 AM.

For both daytime and night-time project work, the contractor shall submit a detailed traffic plan that demonstrates that their operations will not interfere with or cause undue traffic delays (> 10 minutes).

The Contractor shall present their traffic control plan to the Engineer for approval during the pre-job conference. Contractor may propose performance of other operations of project work during night time hours for approval of the Engineer.

The Contractor shall present their traffic control plan to the Engineer for approval during the pre-job conference. Contractor may propose performance of other operations of project work during night time hours for approval of the Engineer.

7.D Public Safety

Refer to Section 7-1.04, "Public Safety" of the Standard Specifications are amended so that all work related to covering, maintaining and removing sign covers on all signs shall not be change order work, but shall be included in the contract price paid for various bid items and no additional compensation will be allowed therefor.

Section 7-1.04, "Public Safety" of the Standard Specifications are amended as follows:

Add between the 18th and 19th paragraphs of section 7-1.04:

Temporary facilities that could be a hazard to public safety if improperly designed must comply with design requirements described in the Contract for those facilities or, if none are described, with standard design criteria or codes appropriate for the facility involved. Submit shop drawings and design calculations for the temporary facilities and show the standard design criteria or codes used. Shop drawings and supplemental calculations must be sealed and signed by an engineer who is registered as a civil engineer in the State.

Section 7-1.04, "Public Safety" of the Standard Specifications are amended to include the following:

The duty of the Engineer to conduct construction review of the Contractor's performance is not intended to include review of the adequacy of the Contractor's safety measures in, on or near the construction site.

If death or serious injuries or serious damages are caused, the accident shall be reported immediately by telephone or messenger to both the Engineer and the Owner. In addition, the Contractor must promptly report in writing to the Engineer all accidents whatsoever arising out of, or in connection with, the performance of the project work whether on, or adjacent to the site, giving full details and statements of witnesses.

Personal vehicles of the Contractor's employees shall not be parked on the traveled way or shoulders, including any section closed to the public

The Contractor shall ensure and guarantee that any traffic control devices removed or damaged by Contractor's operation are reinstalled and in good repair before leaving the project work site.

Contractor shall assume full responsibility for clearing the streets of parked vehicles or other obstructions located within the area of project work.

7.E Indemnification – General

The provisions of Section 7-1.05A, "General" of the Standard Specifications shall be changed to read as follows:

The Town of Paradise and all officers and employees thereof connected with the project work, including but not limited to the Director and the Engineer, shall not be answerable or accountable in any manner for any loss or damage that may happen to the project work or any part thereof; for any loss or damage to any of the materials or other things used or employed in performing the project work; for injury to or death of any person, either workers or the public; or for damage to property from any cause which might have been prevented by the Contractor, or Contractor's workers, or anyone employed by Contractor.

The Contractor shall be responsible for any liability imposed by law and for injuries to or death of any person, including but not limited to workers and the public, or damage to property resulting from defects or obstructions or from any cause whatsoever during the progress of the project work or at any time before its completion and final acceptance.

The Contractor shall indemnify and save harmless the Town of Paradise and all officers and employees thereof connected with the project work, including but not limited to the Director and the Engineer, from all claims, suits or actions of every name, kind and description, brought forth, or on account of, injuries to or death of any person, including but not limited to workers and the public, or damage to property resulting from the performance of a contract, except as otherwise provided by statute. The duty of the Contractor to indemnify and save harmless includes the duties to defend as set forth in Section 2778 of the Civil Code.

With respect to third party claims against the Contractor, the Contractor waives any and all rights to any type of express or implied indemnity against the Town, its officers or employees.

You must, at your own expense, defend any suit or action founded upon a claim of the foregoing.

7.F Insurance

Attention is directed to the provisions in Section 7-1.06 "Insurance". Sections 7-1.06C thru 7-1.06F are replaced with the following provisions:

The Contractor, in advance of performing any project work on the project under the contract between the Town and the Contractor, shall, at no expense to the Town:

The 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 in connection with the performance of the project work hereunder by the Contractor, Contractor's, her or its agents, representatives, employees or subcontractors.

Coverage shall be at least as broad as:

1. Insurance Services Office Commercial General Liability coverage (occurrence form CG0001), including products and completed operations.
2. Insurance Services Office form number CA0001 (Ed. 1/87) covering Automobile Liability, code 1 (any auto).
3. Workers' Compensation insurance as required by the State of California and Employer's Liability Insurance.
4. Course of Construction insurance covering for all risks of loss.

Contractor shall maintain limits no less than:

1. General Liability: \$2,000,000 per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.
2. Automobile Liability: \$2,000,000 per accident for bodily injury and property damage.
3. Employer's Liability: \$1,000,000 or more per accident for bodily injury or disease.
4. Course of Construction: Completed value of the project.

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, employees and volunteers; or the Contractor shall provide a financial guarantee satisfactory to the Town guaranteeing payment of losses and related investigations, claim administration and defense expenses.

The general liability and automobile liability policies shall contain, or be endorsed to contain, the following provisions:

1. The Town, its officers, officials, employees, and volunteers shall be covered as additional insured with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the contractor; and with respect to liability arising out of project work or operations performed by or on behalf of the Contractor including materials, parts or equipment furnished in connection with such project work or operations. General liability coverage can be provided in the form of an endorsement to the Contractor's insurance, or as a separate owner's policy.
2. For any claims related to this project, 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.
3. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled by either party, except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the Town.

Course of construction policies shall contain the following provision:

1. The Town shall be named as loss payee.

Insurance shall be placed with insurers with a current A.M. Best's rating of no less than A:VII.

Contractor shall furnish the Town with original certificates and amendatory endorsements effecting coverage required by this clause. The endorsements should be on forms provided by the Town or on other than the Town's forms, provided those endorsements or policies conform to the requirements. All certificates and endorsements are to be received and approved by the Town before project work commences. The Town reserves the right to require complete, certified copies of all required insurance policies, including endorsements effecting the coverage required by these specifications at any time.

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 of the requirements stated herein.

All liability insurance policies shall be maintained for the duration of project construction and for 3 years after completion of the project.

Contractor hereby agrees to waive rights of subrogation that any insurer of Contractor may acquire from Contractor by virtue of the payment of any loss. Contractor agrees to obtain any endorsement that may be necessary to effect this waiver of subrogation. The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the Town for all project work performed by the Contractor, its employees, agents and subcontractors.

Section 8 Prosecution and Progress

8.A General

Attention is directed to the provisions in Section 8 "Prosecution and Progress" of the Standard Specifications and these special provisions.

8.B Schedule

Contractor shall adhere to "Level 1 Critical Path Method Schedule" provisions in Section 8-1.02B of the Standard Specifications.

8.C Pre-Construction Conference

Attend a preconstruction conference with key personnel, including your assigned representative, at a time and location determined by the Engineer. Submit documents as required before the preconstruction conference. You may start work before the preconstruction conference.

Be prepared to discuss the topics and documents shown in the following table:

TOPICS	DOCUMENT OR DESCRIPTION
Potential claim and dispute resolution	Potential claim forms
Contractor's representation	Assignment of Contractor's representative
Equipment	Equipment list
Labor compliance and equal employment opportunity	Job site posters and benefit and payroll reports
Material inspection	Notice of Materials to be Used
Materials on hand	Request for Payment for Materials on Hand
Measurements	--
Quality control	QC plans and protocol
Safety	Injury and Illness Prevention Program and job site posters
Schedule	Baseline critical path schedule and Weekly Statement of Working Days
Subcontracting	Subcontracting Request
Traffic control	Traffic contingency plan and traffic control plans
Auxiliary Changeable Message Boards	Purpose, Message, Timing, Placement, Duration,

Utility work	Locating, potholing, timing of work, Adjusting
Water pollution control	SWPPP or WPCP
Work restrictions	PLACs (Permits, License, Approvals, and Certificates)
Jobsite Photographs	--
24 Hour Emergency Contact Information	Contact information
Action submittals	--

8.D Start of Job Site Activities

Section 8-1.04B does not apply.

Start job site activities within 7 calendar days of the issuance of a Notice to Proceed. **The Notice to Proceed will be issued on July 1, 2016.**

Contract time will start after the issuance of the Notice to Proceed and this first working day will be THE EARLIER OF EITHER the start of job site activities, OR 7 calendar days after the issuance of a Notice to Proceed.

Contractor is encouraged to start the pre-construction submittal and approval process after the issuance of the Notice of Award.

Do not start job site activities until the Department authorizes or accepts your submittal for:

1. Contractor-supplied biologist, if applicable.
2. Biological resource information program, , if applicable.
3. CPM baseline schedule
4. WPCP or SWPPP, whichever applies
5. Notification DRA or DRB nominee and disclosure statement
6. Natural resource protection plan

If the submittals for Contractor-supplied biologist and biological resource information program are authorized, you may enter the job site only to measure controlling field dimensions and locating utilities.

You may enter the job site only to measure controlling field dimensions and locating utilities.

Do not start other job site activities until all the submittals from the above list are authorized or accepted and the following information is received by the Engineer:

1. Notice of Materials To Be Used.
2. Contingency plan for reopening closures to public traffic.
3. Written statement from the vendor that the order for the sign panels has been received and accepted by the vendor. The statement must show the dates that the materials will be shipped.
4. Written statement from the vendor that the order for electrical material has been received and accepted by the vendor. The statement must show the dates that the materials will be shipped.
5. Written statement from the vendor that the order for structural steel has been received and accepted by the vendor. The statement must show the dates that the materials will be shipped.
6. Submit a notice 72 hours before starting job site activities. If the project has more than 1 location of work, submit a separate notice for each location.

If the Contract is not approved, leave the job site in a neat condition. If a facility has been changed, restore it to its former condition or an equivalent condition. The Department does not pay for the restoration.

8.E Time

This work shall be diligently prosecuted to completion before the expiration of 25 working days after the date provided in Section 8.D , “Start of Job Site Activities”.

Replace the 2nd paragraph of section 8-1.05 of the Standard Specifications with:

Complete the work within the Contract time.

8.F Suspensions

Refer to Section 8-1.06, “Suspensions” of the Standard Specifications.

Replace the headings and paragraphs in section 8-1.06 with:

The Engineer may suspend work wholly or in part due to conditions unsuitable for work progress. Provide for public safety and a smooth and unobstructed passageway through the work zone during the suspension as specified under sections 7-1.03 and 7-1.04. Providing the passageway is force account work. The Department makes a time adjustment for the suspension due to a critical delay.

The Engineer may suspend work wholly or in part due to your failure to (1) fulfill the Engineer's orders, (2) fulfill a Contract part, or (3) perform weather-dependent work when conditions are favorable so that weather-related unsuitable conditions are avoided or do not occur. The Department may provide for a smooth and unobstructed passageway through the work during the suspension and deduct the cost from payments. The Department does not make a time adjustment for the suspension.

Upon the Engineer's order of suspension, suspend work immediately. Resume work when ordered.

8.G Delays

Refer to Section 8-1.07, “Delays” of the Standard Specifications.

Replace the 1st sentence in the 1st paragraph of section 8-1.07B with:

For a critical delay, the Department may make a time adjustment.

Add to the end of section 8-1.07C:

The Department does not make a payment adjustment for overhead incurred during non-working days that extend the Contract into an additional construction season.

Replace the 1st paragraph of section 8-1.07C with:

For an excusable delay that affects your costs, the Department may make a payment adjustment.

Replace "8-1.08B and 8-1.08C" in the 1st paragraph of section 8-1.10A with:

8-1.10B and 8-1.10C

8.G-1 Wildland Fire Area

The Contractor is advised that the Town of Paradise is in a Wildland Fire Area and during the summer months the fire hazard is EXTREME. Fire safe conduct by the contractor and Contractor’s employees is to be observed at all times. Fire extinguishers or other approved fire suppressants are to be available at all times while contract operations are underway.

At any time during the progress of this contract it may be necessary to shut down operations due to Emergency Operations by the Town in response to a wildland fire. If a shutdown should occur during the Contractor’s normal operations, contractor may request delay-related time or payment adjustment by per Section 8-1.07, of the Standard Specifications and as amended in these Special Provisions.

8.H Liquidated Damages

The provisions of Section 8-1.10A, “General” of the Standard Specifications shall be changed to read as follows:

The Contractor shall pay to the Town of Paradise the sum of One Thousand Dollars (\$1,000) per day, for each and every calendar day's delay in finishing the work in excess of the number of working days prescribed herein. Liquidated damages, if any, accrue starting on the 1st day after the expiration of the working days through the day of Contract acceptance except as specified in sections 8-1.10B and 8-1.10C. The Department withholds liquidated damages before the accrual date if the anticipated liquidated damages may exceed the value of the remaining work.

If all work except plant establishment is complete and the total number of working days have expired, liquidated damages are \$950 per day.

Section 9 Payment

9.A General

Attention is directed to the provisions in Section 9, "Payment" of the Standard Specifications and these special provisions.

9.B Payment Scope

Attention is directed to the provisions in Section 9-1.03 "Payment Scope" of the Standard Specifications, and the following amendments:

Add to the list in the 1st paragraph of section 9-1.03:

3. Any royalties and costs arising from patents, trademarks, and copyrights involved in the work

Replace item 1 in the 3rd paragraph of section 9-1.03 which describes payments with:

1. Full compensation for all work involved in each bid item shown on the Bid Item List by the unit of measure shown for that bid item

Replace "10" in the last paragraph of section 9-1.03 with:

7

9.C Force Account

Attention is directed to the provisions in Section 9-1.04A "Force Account" of the Standard Specifications, and the following amendments:

Replace "in" in the 3rd paragraph of section 9-1.04A with:

for

Add to the end of section 9-1.04A:

For nonsubcontracted work paid by force account for a contract with a TRO bid item, the markups are those shown in the following table instead of those specified in sections 9-1.04B–D:

	COST	PERCENT MARKUP
1.	Labor	15
2.	Materials	12
3.	Equipment rental	12

Replace the heading and the 1st paragraph of section 9-1.04D(3) with:

9-1.04D(3) Equipment Not On the Job Site and Not Required for Original Contract Work

For equipment not on the job site at the time required to perform work paid by force account and not required for original Contract work, the time paid is the time the equipment is operated to perform work paid by force account and the time to return the equipment to its source when the work paid by force account is completed.

Replace item 2 in the 3rd paragraph of section 9-1.04D(3) with:

2. Operated less than 4 hours is paid as 1/2 day

9.D Progress Payments

In addition to the provisions in Section 9-1.16A "General" in the Standard Specifications, "Retention" is additionally reflected in progress payments.

Attention is directed to Section 9-1.16D "Mobilization" of the Standard Specifications and is amended to include the provisions in this Section.

The Department makes partial payments for Mobilization costs which shall adhere to Public Contract Code § 10264 as follows and not to exceed the following:

- When 5 percent of the original contract amount is earned, 50 percent of the amount bid for mobilization, or 5 percent of the original contract amount, whichever is lesser, may be paid.
- When 10 percent of the original contract amount is earned, 75 percent of the amount bid for mobilization or 7.5 percent of the original contract amount, whichever is lesser, may be paid.
- When 20 percent of the original contract amount is earned, 95 percent of the amount bid for mobilization, or 9.5 percent of the original contract amount, whichever is lesser, may be paid.
- When 50 percent of the original contract amount is earned, 100 percent of the amount bid for mobilization, or 10 percent of the original contract amount, whichever is lesser, may be paid.

Upon completion of all work on the project, payment of any amount bid for mobilization in excess of 10 percent of the original contract amount will be paid.

The adjustment provisions in Section 4-1.05 "Changes and Extra Work" of the Standard Specifications and the retention of payment provisions in Section 9.E-1 "Retention" shall not apply to the contract lump sum item of mobilization.

When other contract bid item(s) are adjusted as provided in Section 4-1.05 "Changes and Extra Work" of the Standard Specifications, if the costs applicable to an item of work include mobilization costs, those mobilization costs will be deemed to have been recovered by the Contractor by the payments made for mobilization, and will be excluded from consideration in determining compensation under said Section 4-1.05.

If the Contract does not include a mobilization bid item, mobilization is included in the payment of the various bid items involved.

9.D-1 Retention

Section 9-1.16F "Retentions" of the Standard Specifications is replaced with the following:

Pursuant to Public Contract Code § 7201, the Town shall retain five percent (5%) of Progress Payments as part security for the fulfillment of the contract by the Contractor, and shall monthly pay to the Contractor, while carrying on the work, the balance not retained as aforesaid, after deducting therefrom all previous payments and all sums to be kept or retained under the provision of the contract. No such estimate or payment shall be required to be made when, in the judgment of the Engineer, the work is not proceeding in accordance with the provisions of the contract.

For federally funded projects, release of retention shall adhere to Section 9.F, "Prompt Payment of Funds Withheld to Subcontractors" of these Special Provisions.

9.E Prompt Payment of Funds Withheld to Subcontractors

The agency shall hold retainage from the prime contractor and shall make prompt and regular incremental acceptances of portions, as determined by the agency, of the contract work, and pay retainage to the prime contractor based on these acceptances. The prime contractor, or subcontractor, shall return all monies withheld in retention from a subcontractor within 30 days after receiving payment for work satisfactorily completed and accepted including incremental acceptances of portions of the contract work by the agency. Federal law

(49CFR26.29) requires that any delay or postponement of payment over 30 days may take place only for good cause and with the agency's prior written approval. Any violation of this provision shall subject the violating prime contractor or subcontractor to the penalties, sanctions and other remedies specified in Section 7108.5 of the Business and Professions Code. These requirements shall not be construed to limit or impair any contractual, administrative, or judicial remedies otherwise available to the prime contractor or subcontractor in the event of a dispute involving late payment or nonpayment by the prime contractor, deficient subcontract performance, or noncompliance by a subcontractor.

9.F Prompt Progress Payment to Subcontractors

A prime contractor or subcontractor shall pay any subcontractor not later than 10 days of receipt of each progress payment in accordance with the provision in Section 7108.5 of the California Business and Professions Code concerning prompt payment to subcontractors. The 10 days is applicable unless a longer period is agreed to in writing. Any delay or postponement of payment over 30 days may take place only for good cause and with the agency's prior written approval. Any violation of Section 7108.5 shall subject the violating contractor or subcontractor to the penalties, sanction and other remedies of that section. 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 prime contractor, deficient subcontract performance, or noncompliance by a subcontractor.

9.G Final Payment and Claims

Attention is directed to Section 9-1.17 "Payment After Contract Acceptance" of the Standard Specifications. Section 9.1.17D "Final Payment and Claims" of the Standard Specifications is amended to include the following provisions:

The final payment will not be due and payable until the expiration of thirty-five (35) days from the date of recordation of the notice of acceptance of completion in the Office of the County Recorder of Butte County.

It is mutually agreed between the parties to the contract that no payments made under the contract shall be conclusive evidence of the performance of the contract, either wholly or in part, against any claim of the Town, and no payment shall be construed to be acceptance of any defective project work or improper material.

9.H Quantities of Aggregate and Other Roadway Materials

Attention is directed to Section 9-1.02D "Quantities of Aggregate and Other Roadway Materials" of the Standard Specifications. This section will not be used unless the Engineer deems necessary to determine water weight of material.

9.I Arbitration

Section 9-1.22 "Arbitration" of the Standard Specifications is deleted in its entirety. All unresolved claims shall be resolved in a court of competent jurisdiction located in the County of Butte. Any reference in the Standard Specifications to arbitration shall be deemed to refer to such litigation in a court of competent jurisdiction

Section 10 General

10.A Order of Work

In general, the following items of work shall commence in this order:

1. Preconstruction Conference
2. Submit Project Schedule (Start date within ten calendar days of July 1, 2016)
3. Coordinate with Utilities
4. Submit Temporary Traffic Control Plan
5. Submit IIPP
6. Submit WPCP
7. Complete and/or submit PLAC's prior to starting work

8. Agency and Public Advanced Notice
9. Complete Striping Reference Plan
10. Place Auxiliary Changeable Message Boards
11. Mobilization
12. Traffic Control System
13. Place temporary BMP's
14. Cover all utility lids, manholes and boxes
15. Repair Wheel Path Depressions (as required)
16. Place Micro-surface
17. Install Thermoplastic Markings and Striping
18. Install Recessed Reflective Pavement Markers

10.B Work Sequencing

Coordinate work activities such that will garbage pick-up will not disrupt access to garbage bins. Do not place seals or paving during days of garbage pick-up. Refer to Section 10.C "Advanced Notification".

Before obliterating any traffic stripes, pavement markings, and pavement markers to be replaced at the same location, reference the stripes, markings, and markers. Include limits and transitions with control points to reestablish the new stripes, markings, and markers.

Construction of the new structural section adjacent to the existing traveled way must be performed in successive and once all operations are under way concurrent operations of excavating, preparing subgrade, placing base materials, and paving. Excavation within 8 feet of the existing traveled way must not precede the paving operation by more than 2 working days unless:

1. Authorized
2. Material is placed and compacted against the vertical cuts within 8 feet of the existing traveled way. During excavation operations, native material may be used for this purpose except once the placing of the structural section starts, structural material must be used. Place the material up to the top of the existing pavement and taper at a slope of 4:1 (horizontal:vertical) or flatter to the bottom of the excavation. Do not use treated base for the taper.

At the end of each working day if a difference in excess of 8 feet exists between the elevation of the existing pavement and the elevation of an excavation within 8 feet of the traveled way, place and compact material against the vertical cut adjacent to the traveled way. During the excavation operation, you may use native material for this purpose except once the placing of the structural section starts, structural material must be used. Place the material up to the top of the existing pavement and taper at a slope of 4:1 (horizontal:vertical) or flatter to the bottom of the excavation. Do not use treated base for the taper.

Before any paving operation that may cover existing utility or monument, reference and record the location of all utility covers and monument.

10.C Advanced Notification

10.C-1 Advance Notification of Agencies

Contractor shall have available at all times during Contractor's working hours, a public relations person to deal with public and business concerns and shall report to the Engineering Division, Department of Public Works.

The Contractor shall notify all agencies which may be affected by the construction. Notification shall be in writing and at least 72 hours prior to construction. The notice shall include the project limits, starting date, scheduled date of completion, Contractor contact person and Contractor telephone number. The agencies shall include, but not be limited to:

AGENCY	FAX NO:
1. Northern Recycling	(530) 877-3825
2. Cal Fire	(530) 877-5957
3. Paradise Irrigation District	(530) 876-0438
4. U. S. Postal Service	(530) 872-9045
5. Paradise Unified School District (Transportation)	(530) 872-6464
6. First Responder	(530) 891-5854
7. Butte County Transit (BCAG B-Line)	(530) 879-2468
8. The Paradise Post	(530) 877-1326
9. Paradise Express	(530) 342-8871
10. Town of Paradise Police Department	(530) 872-4950

The Contractor shall keep current and notify the local Police and Fire Departments of Contractor's construction operation and traffic control changes three (3) days before project work is to begin or traffic changes are made. The Contractor shall cooperate with local authorities relative to handling traffic through the area and shall make Contractor's own arrangements in keeping the project work area clear of parked vehicles

Failure to comply with the provisions for notification shall result in the suspension of all project work until the provisions have been met.

10.C-2 Advanced Notification to Residents

The Contractor shall notify all residents, businesses, and tenants that may be affected by or are in the immediate vicinity of the construction at least 72 hours prior to construction. Notification shall be in writing and include a brief description of the project work, starting date, planned date of completion, Contractor contact person and Contractor phone number. Notice shall be hand carried by Contractor Representative. Should a change in the project work schedule occur after the residents and/or businesses have been notified the Contractor shall notify the residents and/or businesses of the change in schedule within 24 hours of the originally scheduled starting date.

Contractor shall have at the job site, at all times during Contractor's working hours, a full time public relations person to deal with public and business concerns and shall report to the Town Engineer.

When the construction requires prohibiting parking, "No Parking" signs shall be posted along the construction routes. The signs shall include the dates and times that no parking periods will be in effect. "No Parking" signs shall be mounted on Class I barricades and placed in the gutter pan not more than 500 feet apart. Signs shall be posted a minimum of 24 hours in advance of construction and immediately removed upon completion. Should the Contractor not commence project work after 24 hours from placement of the signs, the signs shall be removed. If a vehicle is parked in a properly posted no parking area and is prohibiting the progression of project work, the Contractor shall notify the Paradise Police Department to arrange for removal of the vehicle.

Failure to comply with the provisions for notification shall result in the suspension of all project work until the provisions have been met.

10.D Water Usage

Replace Section 10-4 of the Standard Specifications with:

10-4 WATER USAGE

Section 10-4 includes general specifications for your use of water for construction activities.

The Department encourages you to conserve water in all construction activities.

The Engineer notifies you of any (1) water shortage or (2) mandate from a local water authority to ration water. Within 10 days of the notification, submit a water conservation plan. The plan must include:

1. List of construction activities that require water
2. Measures you will implement for each activity to conserve water
3. Method for curing concrete other than the water method if included in the work
4. Dust palliative you will use for dust control

Any unavailability of water that delays a controlling activity is a material shortage.

Section 11 Quality Control and Quality Assurance

Attention is directed to Section 11 "Quality Control and Assurance" of the Standard Specifications.

Section 12 Temporary Traffic Control

Attention is directed to Section 12 "Temporary Traffic Control" of the Standard Specifications.

12.A General

Section 12-1.01 "General" of the Standard Specifications is amended to include the following:

12.B Temporary Traffic Control Plan

Prepare and submit to the Engineer a Temporary Traffic Control Plan for approval. The Temporary Traffic Control Plan must adhere to the California Manual on Uniform Traffic Control Devices. Refer to Section 5-1.23B of the Standard Specifications and as amended in these special provisions for submittal requirements.

The Contractor or Contractor's representative and all subcontractors shall have a copy of the approved Temporary Traffic Control Plan pertinent to the project work in progress at all times. Failure to adhere to the Traffic Control Plan shall be grounds for the Town of Paradise to require the Contractor to stop the project work until traffic control is in compliance with the approved Temporary Traffic Control Plan

12.C Flagging Costs

Section 12-1.03 "Flagging Costs" of the Standard Specifications is hereby deleted. All flagging costs will be totally (100%) borne by the contractor and no division of costs will be made therefor.

12.D Traffic Handling Equipment and Devices

Refer to Section 12-3, "Traffic-Handling Equipment and Devices" of the Standard Specifications and the following amendments.

Replace the 5th paragraph of section 12-3.01A(1) with:

Repair or replace traffic-handling equipment and devices damaged from any cause during the Contract, including repainting if necessary. The condition of temporary traffic control devices must comply with the current American Traffic Safety Services Association publication "Quality Guidelines for Temporary Traffic Control Devices and Features."

Replace the 1st paragraph of section 12-3.01A(4) with:

Category 2 temporary traffic control devices must be on FHWA's list of acceptable, crashworthy Category 2 hardware for work zones. This list is available on FHWA's Safety Program Web site.

Replace "project" in the 4th paragraph of section 12-3.02C with:

Work

Add after "Display" in item 4 in the list in the 2nd paragraph of section 12-3.03B:

or Alternating Diamond

Replace "project" in the 3rd paragraph of section 12-3.07C with:

Work

12.D-1 Portable Changeable Message Signs

Refer to Section 12-3 "Traffic-Handling Equipment and Devices" of the Standard Specifications.

Section 12-3.12C "Construction" of the Standard Specifications for Changeable Message Boards is amended to add the following:

Start displaying the message on the portable changeable message sign 60 minutes before closing the lane.

If shown or directed, place the portable changeable message sign in advance of the 1st warning sign for each:

1. Stationary lane closure
2. Off-ramp closure
3. Connector closure
4. Shoulder closure
5. Speed reduction zone

12.D-2 Auxiliary Changeable Message Boards

Refer to Section 12-3 "Traffic-Handling Equipment and Devices" of the Standard Specifications.

Provide changeable message boards (CMB) as shown that will provide the public a minimum of seven (7) days advance notification of the proposed road project work at all times. CMBs shall remain in place the duration of work, unless otherwise approved by the Engineer.

The sign placement and message shall be approved by the Engineer and included in the Temporary Traffic Control Plan. Message will be current to describe work activities and traffic control activities.

12.E Maintaining Traffic

Refer to Section 12-4, "Maintaining Traffic" of the Standard Specifications and the following amendments or additions.

12.E-1 General

Section 12-4.01 "General" is amended to include the following provisions:

Emergency vehicles shall be permitted to pass through project work area without delay at all times.

12.E-2 Closure Requirements

Section 12-4.02A "General" of the Standard Specifications are amended as follows:

Replace the 7th through 9th paragraphs of section 12-4.02A with:

If pedestrian traffic is allowed to pass through construction areas, provide a temporary pedestrian facility through the construction areas within the highway. Include protective overhead covering as necessary to ensure protection from falling objects and drippings from overhead structures.

Temporary pedestrian facilities must comply with section 12-7.

If an activity requires a closure of a walkway, another walkway must be made available nearby, off of the traveled way.

Delete the 12th paragraph of section 12-4.02A.

Add the following provisions to Section 12-4.02A "General" of the Standard Specifications:

At the end of the day's project work and when construction operations are suspended, all equipment and other obstructions shall be removed from the roadway.

During Contractor non-working hours all traveled lanes and on-street parking shall remain open

The full width of the traveled way must be open to traffic when there are no active construction activities in the traveled way or within 6 feet of the traveled way and on:

1. Saturdays
2. Sundays
3. Designated holidays
4. Special days

Designated holidays are shown in the following table:

1. HOLIDAY	DATE OBSERVED
2. New Year's Day	January 1st
3. Washington's Birthday	3rd Monday in February
4. Memorial Day	Last Monday in May
5. Independence Day	July 4th
6. Labor Day	1st Monday in September
7. Veterans Day	November 11th
8. Thanksgiving Day	4th Thursday in November
9. Christmas Day	December 25th

If a designated holiday falls on a Sunday, the following Monday is a designated holiday. If November 11th falls on a Saturday, the preceding Friday is a designated holiday.

For a one-way reversing traffic-control lane closure, traffic may be stopped in 1 direction for periods not to exceed 10 minutes. After each stoppage, all accumulated traffic for that direction must pass through the work zone before another stoppage is made.

The maximum length of a single stationary one-way reversing traffic-control lane closure is 1 mile between flaggers, or unless otherwise approved by the Engineer.

Personal vehicles of your employees must not be parked on the traveled way or shoulders, including sections closed to traffic.

If work vehicles or equipment are parked within 6 feet of a traffic lane, close the shoulder area as shown.

If work vehicles or equipment are parked within 6 feet of a traffic lane, close the shoulder area with fluorescent orange traffic cones or portable delineators. Place the cones or delineators on a taper in advance of the parked vehicles or equipment and along the edge of the traveled way at 25-foot intervals to a point not less than 25 feet past the last vehicle or piece of equipment. Use at least 9 cones or delineators for the taper. Use a W20-1, "Road Work Ahead," W21-5b, "Right/Left Shoulder Closed Ahead," or C24(CA), "Shoulder Work Ahead," sign mounted on a crashworthy, portable sign support with flags. The sign must be 48 by 48 inches and placed as ordered by the Engineer. If a cone or delineator is displaced or overturned, immediately restore the device to its original position or location.

A minimum of 1 paved traffic lane not less than 10 feet wide must be open for use by traffic.

Maintain all-weather access to all residences and businesses at all times. If a parcel has two driveways, a minimum of one driveway must be open at all times. Contractor shall coordinate with property owners, residents, and business operators as necessary should a driveway closure be required. All businesses are to stay open and operating during the construction.

12.E-3 Closure Schedule and Conditions

Replace Section 12-4.03 of the Standard Specifications with the following:

12-4.03A General

Submit closure schedule requests and closure schedule amendments to the Engineer to show the locations and times of the requested closures.

12-4.03B Closure Schedules

Every Monday by noon, submit a closure schedule request of planned closures for the next week period. The next week period is defined as Sunday noon through the following Sunday noon.

Submit a closure schedule request not less than 25 days and not more than 125 days before the anticipated start of any activity that reduces:

1. Horizontal clearances of traveled ways, including shoulders, to 2 lanes or less due to activities such as temporary barrier placement and paving
2. Vertical clearances of traveled way, including shoulders, due to activities such as pavement overlays, overhead sign installation, falsework, or girder erection

Submit closure schedule amendments, including adding additional closures, by noon at least 3 business days before a planned closure.

Cancel closure requests at least 48 hours before the start time of the closure.

The Engineer may reschedule a closure cancelled due to unsuitable weather.

If a closure is not opened to traffic by the specified time, suspend work. No further closures are allowed until the Engineer has reviewed and authorized a work plan submitted by you that ensures that future closures will be opened to traffic by the specified time. Allow 2 business days for review of your proposed work plan. The Department does not compensate you for your losses due to the suspension of work resulting from the late opening of closures.

Notify the Engineer of delays in your activities caused by:

1. Your closure schedule request being denied although your requested closures are within the specified time frame allowed for closures. The Department does not compensate you for your losses due to amendments to the closure schedule that are not authorized.
2. Your authorized closure being denied.

If you are directed to remove a closure before the time designated in the authorized closure schedule, you will be compensated for the delay.

12-4.03C Contingency Plan

Section 12-4.03C applies if a contingency plan is specified in the special provisions or if a contingency plan is requested.

If a contingency plan is requested, submit the contingency plan within 1 business day of the request.

The contingency plan must identify the activities, equipment, processes, and materials that may cause a delay in the opening of a closure to traffic. The plan must include:

1. List of additional or alternate equipment, materials, or workers necessary to ensure continuing activities and on-time opening of closures if a problem occurs. If the additional or alternate equipment, materials, or workers are not on site, specify their location, the method for mobilizing these items, and the required time to complete mobilization.
2. General time-scaled logic diagram displaying the major activities and sequence of planned operations. For each activity, identify the critical event when the contingency plan will be activated.

Based on the Engineer's review, additional materials, equipment, workers, or time to complete activities from that specified in the contingency plan may be required.

Submit revisions to a contingency plan at least 3 business days before starting the activity requiring a contingency plan. Allow 2 business days for review of the revised contingency plan.

Provide a general time-scaled logic diagram displaying the major activities and sequence of planned operations that comply with the requirements of section 12-4.03. For each operation, identify the critical event when the contingency plan will be activated.

12.E-4 Submittals

The 5th paragraph of section 5-1.23B(1) of the Standard Specifications does not apply to reviewing contingency plans.

12.F Traffic Control System for Lane Closure

Replace Section 12-5 "Traffic Control System For Lane Closure" of the Standard Specifications with the following:

12.F-1 General

Section 12-5 includes specifications for closing traffic lanes with stationary and moving lane closures on 2-lane, 2-way highways. The traffic control system for a lane closure must comply with the details shown.

Traffic control system includes signs.

12.F-2 Materials

12.F-3 Construction

During traffic striping and pavement marker placement using bituminous adhesive, control traffic with a stationary or a moving lane closure. During other activities, control traffic with stationary lane closures.

Whenever components of the traffic control system are displaced or cease to operate or function as specified from any cause, immediately repair the components to the original condition or replace the components and restore the components to the original location.

For a stationary lane closure made only for the work period, remove components of the traffic control system from the traveled way and shoulder, except for portable delineators placed along open trenches or excavation adjacent to the traveled way at the end of each work period. You may store the components at selected central locations designated by the Engineer within the limits of the highway.

Additional advance flaggers are required. Additional flaggers shall be provided at major intersections to control ingress and egress of traffic into lane closure(s).

For traffic under 1-way control on unpaved areas, the cones shown along the centerline need not be placed.

You may use a pilot car to control traffic. If a pilot car is used for traffic control, the cones shown along the centerline need not be placed. The pilot car must have radio contact with personnel in the work area. Operate the pilot car through the traffic control zone at a speed not greater than 25 miles per hour.

A changeable message sign used in a moving lane closure must comply with section 12-3.12 except the sign must be truck-mounted. The full operational height to the bottom of the sign may be less than 7 feet above the ground but must be as high as practicable.

A flashing arrow sign used in a moving lane closure must be truck-mounted. Operate the flashing arrow sign in the caution display mode whenever it is being used on a 2-lane, 2-way highway.

12.F-4 Payment

Traffic control system for lane closure is paid for as traffic control system.

12.G Temporary Pavement Delineation

Replace Section 12-8 "Temporary Pavement Delineation" of the Standard Specifications with the following:

12.G-1 General

Section 12-8 includes specifications for placing, applying, maintaining, and removing temporary pavement delineation.

Painted traffic stripe used for temporary delineation must comply with section 84-3. Apply 1 or 2 coats.

Temporary signing for no-passing zones must comply with section 12-3.06.

12.G-2 Materials

Temporary pavement markers must be the same color as the lane line or centerline markers being replaced. Temporary pavement markers must be one of the temporary pavement markers on the Authorized Material List for short-term day or night use, 14 days or less, or long-term day or night use, 180 days or less.

Temporary, removable, construction-grade striping and pavement marking tape must be one of the types on the Authorized Material List. Apply temporary, removable, construction-grade striping and pavement marking tape under the manufacturer's instructions.

12.G-3 Construction

Whenever work activities obliterate pavement delineation, place temporary or permanent pavement delineation before opening the traveled way to traffic. Place lane line and centerline pavement delineation for traveled ways open to traffic. On multilane roadways, freeways, and expressways, place edge line delineation for traveled ways open to traffic.

Establish the alignment for temporary pavement delineation, including required lines or markers. Surfaces to receive an application of paint or removable traffic tape must be dry and free of dirt and loose material. Do not apply temporary pavement delineation over existing pavement delineation or other temporary pavement delineation. Maintain temporary pavement delineation until it is superseded or you replace it with a new striping detail of temporary pavement delineation or permanent pavement delineation.

Place temporary pavement delineation on or adjacent to lanes open to traffic for a maximum of 14 days. Before the end of the 14 days, place the permanent pavement delineation. If the permanent pavement delineation is not placed within the 14 days, replace the temporary pavement markers with additional temporary pavement delineation equivalent to the striping detail specified for the permanent pavement delineation for the area. The Department does not pay for the additional temporary pavement delineation.

When the Engineer determines the temporary pavement delineation is no longer required for the direction of traffic, remove the markers, underlying adhesive and removable traffic tape from the final layer of surfacing and from the existing pavement to remain in place. Remove temporary pavement delineation that conflicts with any subsequent or new traffic pattern for the area.

Whenever lane lines or centerlines are obliterated, the minimum lane line and centerline delineation must consist of temporary pavement markers placed longitudinally at intervals not exceeding 24 feet. The temporary pavement markers must be temporary pavement markers on the Authorized Material List for short-term day or night use, 14 days or less, or long-term day or night use, 180 days or less. Place temporary pavement markers under the manufacturer's instructions. Cement the markers to the surfacing with the adhesive recommended by the manufacturer, except do not use epoxy adhesive to place pavement markers in areas where removal of the markers will be required.

For temporary lane line or centerline delineation consisting entirely of temporary pavement markers, place the markers longitudinally at intervals not exceeding 24 feet.

Where no-passing centerline pavement delineation is obliterated, install the following temporary no-passing zone signs before opening lanes to traffic. Install a W20-1, "Road Work Ahead," sign from 1,000 feet to 2,000 feet in advance of a no-passing zone. Install a R4-1, "Do Not Pass," sign at the beginning of a no-passing zone and at 2,000-foot intervals within the no-passing zone. For continuous zones longer than 2 miles, install a W7-3a or W71(CA), "Next ___ Miles," sign beneath the W20-1 sign. Install a R4-2, "Pass With Care," sign at the end of the no-passing zone. The Engineer determines the exact location of temporary no-passing zone signs. Maintain the temporary no-passing zone signs in place until you place the permanent no-passing centerline pavement delineation. Remove the temporary no-passing zone signs when the Engineer determines they are no longer required for the direction of traffic.

Whenever edge lines are obliterated on multilane roadways, freeways, and expressways, place edge line delineation for that area adjacent to lanes open to traffic consisting of (1) solid, 4-inch wide traffic stripe tape of the same color as the stripe being replaced, (2) traffic cones, (3) portable delineators or channelizers placed longitudinally at intervals not exceeding 100 feet. You may apply temporary painted traffic stripe where removal of the 4-inch wide traffic stripe will not be required.

The Engineer determines the lateral offset for traffic cones, portable delineators, and channelizers used for temporary edge line delineation. If traffic cones or portable delineators are used for temporary pavement delineation for edge lines, maintain the cones or delineators during hours of the day when the cones or delineators are being used for temporary edge line delineation.

Channelizers used for temporary edge line delineation must be an orange surface-mounted type. Cement channelizer bases to the pavement as specified in section 85 for cementing pavement markers to pavement except do not use epoxy adhesive to place channelizers on the top layer of the pavement. Channelizers must be one of the 36-inch, surface-mounted types on the Authorized Material List.

Remove the temporary edge line delineation when the Engineer determines it is no longer required for the direction of traffic.

12.G-4 Payment

Not Used

Section 13 Water Pollution Control

Attention is directed to Section 13 "Water Pollution Control" of the Standard Specifications.

13.A Definitions and Abbreviations

Active and inactive areas: (1) Active areas have soil disturbing work activities occurring at least once within 14 days, and (2) Inactive areas are areas that have not been disturbed for at least 15 days.

BMPs: Best Management Practices are water pollution control practices.

construction phase: Construction phases are (1) Highway Construction including work activities for building roads and structures, (2) Plant Establishment including maintenance on vegetation installed for final stabilization, and (3) Suspension where work activities are suspended and areas are inactive.

CSMP: Construction Site Monitoring Program.

NAL: Numeric Action Level

NEL: Numeric Effluent Limit

NPDES: National Pollutant Discharge Elimination System

NOI: Notice of Intent

normal working hours: The hours you normally work on this project

Preparation Manual: The Department's "Storm Water Pollution Prevention Plan and Water Pollution Control Program Preparation Manual."

QSD: Qualified SWPPP Developer

QSP: Qualified SWPPP Practitioner

REAP: Rain Event Action Plan.

RWQCB: Regional Water Quality Control Board.

SAP: Sampling and Analysis Plan

SSC: Suspended Sediment Concentration

SWRCB: State Water Resources Control Board

SWPPP: Storm Water Pollution Prevention Plan

WDID: Waste Discharge Identification Number

WPC: Water Pollution Control

WPC Manager: Water Pollution Control Manager. The WPC Manager implements water pollution control work described in the SWPPP and oversees revisions and amendments to the SWPPP.

13.B Job Site Management

Contractor must maintain a clean job site and comply with the provision of Section 13-4 of the Standard Specifications as needed.

13.C Payment

Sections 13-5.04, 13-6.04, 13-7.04 of the Standard Specifications entitled "Payment" of the temporary sediment and erosion control measures is amended to delete cost sharing of maintaining temporary items. All costs to maintain temporary sediment and erosion control measures will be totally (100%) borne by the contractor and no division of costs will be made therefor.

Section 14 Environmental Stewardship

Attention is directed to Section 14 "Environmental Stewardship" of the Standard Specifications.

14.A Dust Control

In addition to the provisions in Section 14-9.03A "Dust Control" of the Standard Specifications, the Contractor must comply with the requirements of the Butte County Air Pollution Control District. If required, compliance may include submitting Dust Control Plan(s) and/or obtaining necessary permits.

14.B Payment

A fee may be required to obtain a fugitive dust permit. Full compensation for conforming to the provisions in the Section and the requirements of the permit, including the cost of the permit, shall be considered as included in the contract prices paid for the various items of work and no additional compensation will be allowed therefor.

Section 15 Existing Facilities

Refer to Section 15 "Existing Facilities" of the Standard Specifications.

Section 37 Bituminous Seals

Refer to Section 37 of the Standard Specifications and the following revised and additional provisions.

37.A General

Replace section 37-1.01 with:

37-1.01 GENERAL

37-1.01A Summary

Section 37-1 includes general specifications for applying bituminous seals.

37-1.01B Definitions

Reserved

37-1.01C Submittals

Reserved

37-1.01D Quality Control and Assurance

37-1.01D(1) General

Reserved

37-1.01D(2) Prepaving Conference

For seal coats and micro-surfacing, schedule a prepaving conference at a mutually agreed upon time and place to meet with the Engineer.

Prepaving conference attendees must sign an attendance sheet provided by the Engineer. The prepaving conference must be attended by your:

1. Project superintendent
2. Paving construction foreman
3. Traffic control foreman

Be prepared to discuss:

1. Quality control
2. Acceptance testing
3. Placement
4. Training on placement methods
5. Checklist of items for proper placement
6. Unique issues specific to the project, including:
 - a. Weather
 - b. Alignment and geometrics
 - c. Traffic control issues
 - d. Haul distances
 - e. Presence and absence of shaded areas
 - f. Any other local issues

37-1.02 MATERIALS

Not Used

37-1.03 CONSTRUCTION

Not Used

37-1.04 PAYMENT

Not Used

37.B Seal Coats

Refer to Section 37-2 of the Standard Specifications and the following revised and additional provisions.

Replace section 37-2 with:

37-2 SEAL COATS

37.B-1 37-2.01 GENERAL

37-2.01A General

37-2.01A(1) Summary

Section 37-2 includes specifications for applying seal coats.

37-2.01A(2) Definitions

Reserved

37-2.01A(3) Submittals

Reserved

37-2.01A(4) Quality Control and Assurance

The following personnel must attend the prepaving conference:

1. Aggregate suppliers
2. Chip spreader operators
3. Emulsion and binder distributor
4. Coated chips producer if coated chips are used

37-2.01B Materials

Screenings must be broken stone, crushed gravel, or both. At least 90 percent of screenings by weight must be crushed particles as determined under California Test 205.

Screenings for seal coats must have the properties specified in the following table:

Seal Coat Screenings

Properties	Test method	Specification
Los Angeles Rattler, %, max	California Test 211	10
Loss at 100 revolutions.		
Loss at 500 revolutions.		40
Film stripping, %, max	California Test 302	25

37-2.01C Construction

37-2.01C(1) General

Wherever final sweeping or brooming of the seal coat surface is complete, place permanent traffic stripes and pavement markings within 10 days.

If you fail to place the permanent traffic stripes and pavement markings within the specified time, the Department withholds 50 percent of the estimated value of the seal coat work completed that has not received permanent traffic stripes and pavement markings.

37-2.01C(2) Equipment

Equipment for seal coats must include and comply with the following:

1. Screenings haul trucks. Haul trucks must have:
 - a. Tailgates that discharge screenings
 - b. Devices to lock onto the rear screenings spreader hitch
 - c. Dump beds that will not push down on the spreader when fully raised
 - d. Dump beds that will not spill screenings on the roadway when transferred to the spreader hopper
 - e. Tarpaulins to cover precoated screenings when haul distance exceeds 30 minutes or ambient temperature is less than 65 degrees F
2. Self-propelled screenings spreader. The spreader must have:
 - a. Screenings hopper in the rear
 - b. Belt conveyors that carry the screenings to the front
 - c. Spreading hopper capable of providing a uniform screening spread rate over the entire width of the traffic lane in 1 application.
3. Self-propelled power brooms. Do not use gutter brooms or steel-tined brooms. Brooms must be capable of removing loose screenings adjacent to barriers that prevent screenings from being swept off the roadway, including curbs, gutters, dikes, berms, and railings.
4. Pneumatic-tired rollers. Pneumatic-tired rollers must be an oscillating type at least 4 feet wide. Each roller must be self-propelled and reversible. Pneumatic tires must be of equal size, diameter, type, and ply. The roller must carry at least 3,000 lb of load on each wheel and each tire must have an air pressure of 100 ± 5 psi.

37-2.01C(3) Surface Preparation

Before applying seal coat, cover manholes, valve and monument covers, grates, or other exposed facilities located within the area of application, using a plastic or oil resistant construction paper secured by tape or adhesive to the facility being covered. Reference the covered facilities with a sufficient number of control points to relocate the facilities after the application of the seal coat.

After completion of the seal coat operation, remove covers from the facilities.

Immediately before applying seal coat, clean the surface to receive seal coat by removing extraneous material and drying. Cleaning the existing pavement includes the use of brooms.

Wheel path depression repairs shall be completed in accordance with Section 37-3.03D(2)(c)(ii) prior to complete micro-surfacing of the roadways. Locations indicated in Section 4.B of these Special Provisions.

37-2.01C(4) Applying Emulsion and Asphalt Binder

Prevent spray on existing pavement not intended for seal coat or on previously applied seal coat using a material such as building paper. Remove the material after use.

Align longitudinal joints between seal coat applications with designated traffic lanes.

For emulsion, overlap longitudinal joints by not more than 4 inches. You may overlap longitudinal joints up to 8 inches if authorized.

For areas not accessible to a truck distributor bar, apply the emulsion with a squeegee or other authorized means. For asphalt binder, hand spray nonaccessible areas. You may overlap the emulsion or asphalt binder applications before the application of screenings at longitudinal joints.

Do not apply the emulsion or asphalt binder unless there are sufficient screenings at the job site to cover the emulsion or asphalt binder.

Discontinue application of emulsion or asphalt binder early enough to comply with lane closure specifications and darkness. Apply to 1 lane at a time and cover the lane entirely in 1 operation.

37-2.01C(5) Spreading Screenings

Prevent vehicles from driving on asphaltic emulsion or asphalt binder before spreading screenings.

Spread screenings at a uniform rate over the full lane width in 1 application.

Broom excess screenings at joints before spreading adjacent screenings.

Operate the spreader at speeds slow enough to prevent screenings from rolling over after dropping.

If the spreader is not moving, screenings must not drop. If you stop spreading and screenings drop, remove the excess screenings before resuming activities.

37-2.01C(6) Finishing

Remove piles, ridges, or unevenly distributed screenings. Repair permanent ridges, bumps, or depressions in the finished surface. Spread additional screenings and roll if screenings are picked up by rollers or vehicles.

Seal coat joints between adjacent applications of seal coat must be smooth, straight, uniform, and completely covered. Longitudinal joints must be at lane lines and not overlap by more than 4 inches. Blend the adjacent applications by brooming.

A coverage is the number of passes a roller needs to cover the width. A pass is 1 roller movement parallel to the seal coat application in either direction. Overlapping passes are part of the coverage being made and are not part of a subsequent coverage. Do not start a coverage until completing the previous coverage.

Before opening to traffic, finish seal coat in the following sequence:

1. Perform initial rolling consisting of 1 coverage with a pneumatic-tired roller
2. Perform final rolling consisting of 3 coverages with a pneumatic-tired roller
3. Broom excess screenings from the roadway and adjacent abutting areas
4. Apply flush coat if specified

The Engineer may order salvaging of excess screenings.

Dispose of excess screenings the Engineer determines are not salvageable. Dispose of screenings in any of the following ways or locations:

1. Under section 14-10
2. On embankment slopes
3. In authorized areas

Salvaging and stockpiling excess screenings is change order work.

37-2.01C(7) Seal Coat Maintenance

Seals coat surfaces must be maintained for 4 consecutive days from the day screenings are applied.

Maintenance must include brooming to maintain a surface free of loose screenings, to distribute screenings over the surface so as to absorb any free asphaltic material, to cover any areas deficient in cover coat material, and to prevent formation of corrugations.

After 4 consecutive days, excess screenings must be removed from the paved areas. Brooming must not displace screenings set in asphaltic material.

The exact time of brooming will be determined by the Engineer. As a minimum, brooming will be required at the following times:

1. On 2-lane 2-way roadways, from 2 to 4 hours after traffic, controlled with pilot cars, has been routed on the seal coat
2. On multilane roadways, from 2 to 4 hours after screenings have been placed
3. In addition to previous brooming, immediately before opening any lane to public traffic, not controlled with pilot cars
4. On the morning following the application of screenings on any lane that has been open to public traffic not controlled with pilot cars and before starting any other activities

For 2-lane 2-way roadways under 1-way traffic control, upon completion of secondary rolling, public traffic must be controlled with pilot cars and routed over the new seal coat for a period of 2 to 4 hours. The Engineer will determine the exact period of time.

Schedule the operations so that seal coat is placed on both lanes of the traveled way each work shift and so that 1-way traffic control is discontinued 1 hour before darkness. At the end of the work shift, the end of the seal coat on both lanes must generally match.

On multilane roadways, initial brooming must begin after the screenings have been in place for a period of 2 to 4 hours. If the initial brooming is not completed during the work shift in which the screenings were placed, the initial brooming must be completed at the beginning of the next work shift.

Public traffic must be controlled with pilot cars and be routed on the new seal coat surface of the lane for a minimum of 2 hours after completion of the initial brooming and before opening the lane to traffic not controlled with pilot cars. When traffic is controlled with pilot cars, a maximum of 1 lane in the direction of travel must be open to public traffic. Once traffic controlled with pilot cars is routed over the seal coat at a particular location, continuous control must be maintained at that location until the seal coat placement and brooming on adjacent lanes to receive seal coat is completed.

37-2.01D Payment

If there is no bid item for a traffic control system, furnishing and using a pilot car is included in the various items of the work involved in applying the seal coat.

If test results for the screenings grading do not comply with specifications, you may remove the seal coat represented by these tests or request that it remain in place with a payment deduction. The deduction is \$1.75 per ton for the screenings represented by the test results.

37.C Slurry Seal and Micro-Surfacing

Refer to Section 37-3 of the Standard Specifications and the following revised and additional provisions.

Wheel path depression repairs shall be made for locations described in Section 4.B of these Special Provisions.

37.C-1 Materials

Add the following to Section 37-3-02A:

Aggregate for micro-surfacing must be Type III.

Add to section 37-3.02B(1):

Asphaltic emulsion for slurry seal must be polymer modified asphaltic emulsion.

37.C-2 Construction

Replace the 1st paragraph of section 37-3.03C(5)(a) with:

Use a continuous self-loading mixing machine except you may use truck mounted mixer spreaders on any of the following:

1. Radii'
2. Side streets
3. Gore areas
4. Areas requiring hand work

37.C-3 Placing

Replace "Reserved" in section 37-3.03D(3)(c) with:

Construct a micro-surfacing test strip:

1. From 300 to 450 feet long
2. The same as the full production micro-surfacing

3. On one of the application courses specified at an authorized location
4. At the same time of day or night the full production micro-surfacing is to be applied

If multiple application courses are specified, you may construct test strips over 2 days or nights.

The Engineer evaluates the test strip after traffic has used it for 12 hours. If the Engineer determines the mix design or placement procedure is unacceptable, make modifications and construct a new test strip for the Engineer's evaluation.

37.C-4 Payment

Section 37-3.04A "General" is deleted. Payment for Tack Coat is not paid for by a separate Bid Items.

Section 37-3.04C "Micro-surfacing" is replaced with the following:

Micro-surfacing is measured by the area of the finished product including aggregate and micro-surfacing emulsion, including test strips.

If test results for aggregate grading or sand equivalent do not comply with the specifications, you may remove the installed micro-surfacing represented by the test results or request it remain in place with a payment deduction. The deduction is \$0.03 per square yard.

If test results for both aggregate grading and sand equivalent do not comply with the specifications, both deductions are made.

Section 84 Traffic Stripes and Pavement Markings

Refer to Section 84, "Traffic Stripes and Pavement Markings" of the Standard Specifications and the provisions within this section.

Contractor is responsible for re-establishing the existing pavement delineation, including traffic stripes, traffic markers, and markings, after the Micro-Surfacing has been placed to their previous positions, unless modified by the Engineer. Contractor is to use his forces to accurately locate the positions of all traffic stripes, traffic markers, and markings prior to their removal due to construction activities so that the new pavement delineation can be replaced in the same or determined location. This shall include replacing blue markers associated with fire hydrants.

84.A General

Replace Section 84-1.01C with:

84.A-1 Submittals

For glass beads used in drop-on applications and in thermoplastic formulations, submit a certificate of compliance and test results for each lot of beads specifying the EPA test methods used and tracing the lot to the specific test sample. The testing for lead and arsenic content must be performed by an independent testing laboratory.

Submit retroreflectivity readings for traffic stripes and pavement markings at locations with deficient retroreflectivity determined by the Engineer.

84.A-2 Control and Quality Assurance

Test each lot of glass beads for arsenic and lead under EPA Test Method 3052 and 6010B or 6010C.

Applied traffic stripes and pavement markings must be retroreflective. Within 30 days of applying traffic stripes and pavement markings, the retroreflectivity of the stripes and markings must be a minimum of 250 mcd·m⁻²·lx⁻¹ for white and 125 mcd·m⁻²·lx⁻¹ for yellow when measured under ASTM E1710.

The Engineer will perform a nighttime, drive-through, visual inspection of the retroreflectivity of the traffic stripes and pavement markings and notify you of any locations with deficient retroreflectivity. Measure the retroreflectivity of the deficient areas using a retroreflectometer under ASTM E1710 and the sampling protocol specified in ASTM D7585.

84.A-3 Materials

Replace the paragraph in section 84-1.02 with:

Glass beads applied to paint must comply with State Specification 8010-004.

Glass beads applied to molten thermoplastic material must be Type 2 beads complying with AASHTO M 247. The glass beads must have a coating that promotes adhesion of the beads to thermoplastic.

At least 75 percent of the beads by count must be true spheres that are colorless and do not exhibit dark spots, air inclusions, or surface scratches when viewed under 20X magnification.

Each lot of glass beads used in pavement markings must contain less than 200 ppm each of arsenic and lead when tested under EPA Test Method 3052 and 6010B or 6010C.

84.A-4 Construction

Where striping joins existing striping, as shown on the plans, the Contractor shall begin and end the transition from the existing striping pattern into or from the new striping pattern a sufficient distance to ensure continuity of the striping pattern

84.B Thermoplastic Traffic Stripes and Pavement Markings

84.B-1 Materials

Thermoplastic material shall be free of lead and chromium, and shall conform to the requirements in State Specification PTH 02ALKYD.

Retroreflectivity of the thermoplastic traffic stripes and pavement markings shall conform to the requirements in ASTM Designation: D 6359 99. White thermoplastic traffic stripes and pavement markings shall have a minimum initial retroreflectivity of 250 mcd m² lx⁻¹. Yellow thermoplastic traffic stripes and pavement markings shall have a minimum initial retroreflectivity of 150 mcd m² lx⁻¹. Where striping joins existing striping, as shown on the plans, the Contractor shall begin and end the transition from the existing striping pattern into or from the new striping pattern a sufficient distance to ensure continuity of the striping pattern.

Thermoplastic traffic stripes shall be Sprayable Thermoplastic and shall be applied at the minimum thickness and application rate as specified below.

84.B-2 Construction

The minimum application rate is based on a solid stripe of 4 inches in width.

Minimum Stripe Thickness = 0.080 inch

Minimum Marking Thickness = 0.120 inch

84.C Payment

Refer to Section 84-2.04, "Payment" of the Standard Specifications.

Replace the 1st paragraph in Section 84-2.04 with:

A double extruded thermoplastic traffic stripe consisting of two 4-inch wide yellow stripes is measured as one (1) traffic stripe.

A double sprayable thermoplastic traffic stripe consisting of two 4-inch wide yellow stripes is measured as 1 traffic stripe.

TOWN OF PARADISE
Department of Public Works
5555 Skyway, Paradise, California 95969

Bid to the Town of Paradise

Measure C Road Rehabilitation Project 2016
Contract No. 16-05

Bid Opening Date and Time: April 5, 2016 at 11:00 AM

Name of Bidder: _____

Title: _____

Signature of Bidder: _____

Company Name: _____

Contractor License No.: _____ Classification: _____

Business Address: _____

Telephone Number: () _____

Fax Number: () _____

Place of Residence: _____

**** VOID ****

The work for which this Bid is submitted is for construction in accordance with the special provisions (including the payment of not less not less than the higher of (1) the State general prevailing wage rates, or (2) the rates specified by the Federal Secretary of Labor), the project plans described below, including any addenda thereto, the contract annexed hereto, and also in accordance with the Standard Specifications dated 2010 and the Standard Plans for Construction dated 2010 of the California Department of Transportation, and the Labor Surcharge And Equipment Rental Rates in effect on the date the work is accomplished.

Measure C Road Rehabilitation Project 2016
Contract No. 16-05

Notice to Bidders and Special Provisions Dated: March 8, 2016
Standard Specifications Dated: May 2010 and RSS
Standard Plans Dated: May 2010 and RSP

Bids are to be submitted for the entire project work. The amount of the bid for comparison purposes will be the total of all items.

The bidder shall set forth for each unit basis item of project 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 that purpose. In the case of unit basis items, the amount set forth under the "Item Total" column shall be the product of the unit price bid and the estimated quantity for the item.

In case of discrepancy between the unit price and the total set forth for a unit basis item, the unit price shall prevail, except as provided in (a) or (b), as follows:

- (a) If the amount set forth as a unit price is unreadable or otherwise unclear, or is omitted, or is the same as the amount of the entry in the item total column, then the amount set forth in the item 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 unit price;
- (b) (Decimal Errors) If the product of the entered unit price and the estimated quantity is exactly off by a factor of ten, one hundred, etc., or one-tenth, or one-hundredth, etc. from the entered total, the discrepancy will be resolved by using the entered unit price or item total, whichever most closely approximates percentage-wise the unit price or item total in the Town of Paradise's Final Estimate of cost.

If both the unit price and the item total are unreadable or otherwise unclear, or are omitted, the bid may be deemed irregular. Likewise if the item total for a lump sum item is unreadable or otherwise unclear, or is omitted, the bid may be deemed irregular unless the project being bid has only a single item and a clear, readable total bid is provided.

Symbols such as commas and dollar signs will be ignored and have no mathematical significance in establishing any unit price or item total or lump sums. Written unit prices, item totals and lump sums will be interpreted according to the number of digits and, if applicable, decimal placement. Cents symbols also have no significance in establishing any unit price or item total since all figures are assumed to be expressed in dollars and/or decimal fractions of a dollar. Bids on lump sum items shall be item totals only; if any unit price for a lump sum item is included in a bid and it differs from the item total, the item total shall prevail.

The foregoing provisions for the resolution of specific irregularities cannot be so comprehensive as to cover every omission, inconsistency, error or other irregularity which may occur in a bid. Any situation not specifically provided for will be determined in the discretion of the Town of Paradise, and that discretion will be exercised in the manner deemed by the Town of Paradise to best protect the public interest in the prompt and economical completion of the project work. The decision of the Town of Paradise respecting the amount of a bid, or the existence or treatment of an irregularity in a bid, shall be final.

If this Bid shall be accepted and the undersigned shall fail to enter into the contract and furnish the 2 bonds in the sums required by the State Contract Act, with surety satisfactory to the Town of Paradise, within 8 days, not including Saturdays, Sundays and legal holidays, after the bidder has received notice from the Town of Paradise that the contract has been awarded, the Town of Paradise may, at its option, determine that the bidder has abandoned the contract, and thereupon this Bid and the acceptance thereof shall be null and void and the forfeiture of the security accompanying this Bid shall operate and the same shall be the property of the Town of Paradise.

The undersigned, as bidder, declares that the only persons or parties interested in this Bid as principals are those named herein; that this Bid is made without collusion with any other person, firm, or corporation; that he has carefully examined the location of the proposed project work, the annexed proposed form of contract, and the plans therein referred to; and he proposes, and agrees if this Bid is accepted, that he will contract with the Town of Paradise, 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 project 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 will take in full payment therefore the following prices, to wit:

Bid Item List for Contract No. 16-05

Measure C Road Rehabilitation Project 2016

*****Base Bid*****

Bid Item	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Total Amount
1	Mobilization	LS	1		
2	Traffic Control	LS	1		
3	Striping Reference Plan	LS	1		
4	Type III Microsurfacing	SY	199,411		
5	Thermoplastic Striping & Recessed Markers, Detail 9 - Lane Line	LF	23,035		
6	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	LF	31,884		
7	Thermoplastic Striping & Recessed Markers, Detail 25a - Left Edge Centerline	LF	15,924		
8	Thermoplastic Striping, Detail 27b/27c - Edge Line	LF	67,838		
9	Thermoplastic Striping & Recessed Markers, Detail 29 - Median Island	LF	739		
10	Thermoplastic Striping & Recessed Markers, Detail 32 - Two Way Left Turn Lane	LF	5,007		
11	Thermoplastic Striping & Recessed Markers, Detail 38 - Channelization Line	LF	1,844		
12	Thermoplastic Striping, Detail 39/39a - Bike Lane Line	LF	475		
13	Recessed Markers, Detail 9 - Lane Line	EA	9		
14	Recessed Markers, Detail 22 - Centerline	EA	710		
15	Recessed Markers, Detail 32 - Two Way Left Turn Lane	EA	1,691		
16	Recessed Markers, Detail 37b - Channelization Line	EA	35		
17	Recessed Markers, Detail 38 - Channelization Line	EA	223		
18	Thermoplastic Markings, White	SF	1,496		
19	Thermoplastic Markings, Yellow	SF	200		
20	Thermoplastic Markings, Type IV Arrow (15 SF)	EA	57		
21	Thermoplastic Markings, Type VI Arrow (42 SF)	EA	8		
22	Thermoplastic Markings, "STOP" Legend (22 SF)	EA	16		
23	Thermoplastic Markings, "ONLY" Legend (22 SF)	EA	5		
24	Thermoplastic Markings, Yellow "SLOW" Legend (23 SF)	EA	2		
25	Thermoplastic Markings, Yellow "SCHOOL" Legend (35 SF)	EA	2		
26	Thermoplastic Markings, Yellow "XING" Legend (21 SF)	EA	2		
27	Thermoplastic Markings, "SIGNAL" Legend (32 SF)	EA	1		
28	Thermoplastic Markings, "AHEAD" Legend (31 SF)	EA	1		
29	Thermoplastic Markings, Bike Symbol & Arrow (14 SF)	EA	2		
TOTAL BASE BID AMOUNT =					

***** VOID *****

*****Add-Alternate #1*****

Bid Item	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Total Amount
1	Traffic Control	LS	1		
2	Striping Reference Plan	LS	1		
1	Type III Microsurfacing	SY	34,256		
2	Thermoplastic Striping & Recessed Markings, Detail 22 - Center Line	LF	1,561		
3	Thermoplastic Striping, Detail 27b/27c - Edge Line	LF	22,582		
4	Thermoplastic Markings, White	SF	30		
5	Thermoplastic Markings, "STOP" Legend (22 SF)	EA	1		
TOTAL ADD-ALTERNATE #1 BID AMOUNT =					

***** VOID *****

TOTAL BASE + ADD-ALTERNATE #1 BID AMOUNT = _____

Equal Employment Opportunity Certification

(THE BIDDER'S EXECUTION ON THE SIGNATURE PORTION OF THIS BID SHALL ALSO CONSTITUTE AN ENDORSEMENT AND EXECUTION OF THOSE CERTIFICATIONS WHICH ARE A PART OF THIS BID)

The bidder____, proposed subcontractor____, hereby certifies that he has _____, has not _____, participated in a previous contract or subcontract subject to the equal opportunity clauses, as required by Executive Orders 10925, 11114, or 11246, and that, where required, he has filed with the Joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

Note: The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor (41 CFR 60-1.7(b) (1)), and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in 41 CFR 60-1.5. (Generally only contracts or subcontracts of \$10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract subject to the Executive Orders and have not filed the required reports should note that 41 CFR 60-1.7(b) (1) prevents the award of contracts and subcontracts unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

Public Contract Code

Public Contract Code Section 10285.1 Statement

In accordance 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 Bid. Signing this Bid 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 accordance 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. Provide additional pages as needed.

Public Contract Code 10232 Statement

In accordance 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 Bid. Signing this Bid 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 Affidavit

(Title 23 United States Code Section 112 and Public Contract Code Section 7106)

To the Town of Paradise
Department Of Public Works

In accordance with Title 23 United States Code Section 112 and Public Contract Code 7106 the bidder declares that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

Note: The above Noncollusion Affidavit is part of the Bid. Signing this Bid on the signature portion thereof shall also constitute signature of this Noncollusion Affidavit.

Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

Debarment and Suspension Certification

TITLE 49, CODE OF FEDERAL REGULATIONS, PART 29

The Bidder's attention is directed to FHWA Form 1273 included in the Contract Agreement, Part X "Certification Regarding Debarment, Suspension, Ineligibility And Voluntary Exclusion".

If there are any exceptions to this certification, insert the exceptions in the following space.

Exceptions will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any exception noted above, indicate below to whom it applies, initiating agency, and dates of action.

Notes: Providing false information may result in criminal prosecution or administrative sanctions.

The above certification is part of the Bid. Signing this Bid on the signature portion thereof shall also constitute signature of this Certification.

Bid Signature Page

Accompanying this bid is _____ in amount equal to at least ten percent of the total of the bid.

(NOTICE: INSERT THE WORDS "CASH (\$ _____)," "CASHIER'S CHECK," "CERTIFIED CHECK," OR "BIDDER'S BOND," AS THE CASE MAY BE.)

The names of all persons interested in the foregoing bid 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.

Licensed in conformance with an act providing for the registration of Contractors,
License No. _____ Classification(s): _____

ADDENDA: The undersigned, as bidder, declares that he/she has received Addendum Nos. _____
_____, _____, _____, _____, _____.

(Fill in addenda numbers if addenda have been received and insert, in this Bid, any Engineer's Estimate sheets that were received as part of the addenda.)

WARNING: If an addendum or addenda have been issued by the Department and not noted above as being received by the bidder, this bid may be rejected. Attention is directed to Section 2 for Addenda protocol and provisions.

By my signature on this bid I certify, under penalty of perjury under the laws of the State of California, that the foregoing questionnaire and statements of Public Contract Code Sections 10162, 10232, 10285.1, and 7106 are true and correct and that the bidder has complied with the requirements of Section 8103 of the Fair Employment and Housing Commission Regulations (Chapter 5, Title 2 of the California Administrative Code). By my signature on this bid I further certify, under penalty of perjury under the laws of the State of California and the United States of America, that the Noncollusion Affidavit required by Title 23 United States Code, Section 112 and Public Contract Code Section 7106; and the Title 49 Code of Federal Regulations, Part 29 Debarment and Suspension Certification are true and correct.

Date: _____



Signature, Name and Title of Bidder

Business Address _____

Place of Business _____

Place of Residence _____

Bidder's Bond

**Measure C Road Rehabilitation Project 2016
Contract No. 16-05**

We, _____, as Principal, and _____, as Surety, are bound unto the Town of Paradise, Department of Public Works, hereafter referred to as "Obligee," in the penal sum of ten percent (10%) of the total amount of the bid of the Principal submitted to the Obligee for the project work described below, for the payment of which sum we bind ourselves jointly and severally.

THE CONDITION OF THIS OBLIGATION IS SUCH, THAT:

WHEREAS, the Principal is submitting a bid to the Obligee for Measure C Road Rehabilitation Project 2016 for which bids are to be opened at Town of Paradise, 5555 Skyway, Paradise, California, on **April 5, 2016**.

NOW, THEREFORE, if the Principal is awarded the contract and, within the time and manner required under the Notice to Contractors, Special Provisions, Bids, and Contract for this project work, after the prescribed forms are presented to Principal for signature, enters into a written contract, in the prescribed form, in accordance with the bid, and files two bonds with the Obligee, one to guarantee faithful performance of the contract and the other to guarantee payment for labor and materials is provided by law, then this obligation shall be null and void; otherwise, it shall remain in full force.

In the event suit is brought upon this bond by the Obligee and judgment is recovered, the Surety shall pay all costs incurred by Obligee in such suit, including a reasonable attorney's fee to be fixed by the court.

Dated: _____, 2016

By: _____

By: _____

Certificate of Acknowledgement

State of California
County of Butte SS

On this _____ day of _____ in the year 20____ before me

_____, personally appeared _____,
Attorney-in-fact

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument as the attorney-in-fact of _____, and acknowledged to me that he (she) subscribed the name of the said company thereto as surety, and his (her) own name as attorney-in-fact.

(SEAL)

Notary Public

Owner-Contractor Agreement

Measure C Road Rehabilitation Project 2016 Contract No. 16-05

THIS AGREEMENT, made this _____ day of _____, 2016, in triplicate, between the Town of Paradise ("Town"), and _____, ("Contractor").

ARTICLE I. – WITNESSETH, That for and in consideration of the payments and agreements hereinafter mentioned, to be made and performed by the Town, and under the conditions expressed in the two (2) bonds, bearing even date with these presents, and hereunto annexed, the Contractor agrees, at Contractor's own proper cost and expense, to do all the project work and furnish all the materials, except such as are mentioned in the specifications to be furnished by the Town, necessary to construct and complete in a good, workmanlike and substantial manner and to the satisfaction of the Town, the project work described in the special provisions and the project plans described below, including any addenda thereto, and also in conformance with the California Department of Transportation Standard Plans, dated 2010, the Standard Specifications, dated 2010 (within the Caltrans Standard Specifications, the word "Department" shall mean the "Town") and the Labor Surcharge and Equipment Rental Rates in effect on the date the project work is accomplished, which the special provisions, project plans, Standard Plans, Standard Specifications, and Labor Surcharge and Equipment Rental Rates are hereby specially referred to and by such reference made a part hereof.

The Notice to Bidders, Special Provisions, Bid Documents, Contract Forms, and Project Exhibits included in this Agreement are dated March 8, 2016 and are entitled:

Bid Book for Measure C Road Rehabilitation Project 2016 Contract No. 16-05

Which are hereby made part of this Agreement.

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

Contract Bid Items for Contract No. 16-05

Measure C Road Rehabilitation Project 2016

Bid Item	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Total Amount
1	Mobilization	LS	1		
2	Traffic Control	LS	1		
3	Striping Reference Plan	LS	1		
4	Type III Microsurfacing	SY	199,411		
5	Thermoplastic Striping & Recessed Markers, Detail 9 - Lane Line	LF	23,035		
6	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	LF	31,884		
7	Thermoplastic Striping & Recessed Markers, Detail 25a - Left Edge Centerline	LF	15,924		
8	Thermoplastic Striping, Detail 27b/27c - Edge Line	LF	67,838		
9	Thermoplastic Striping & Recessed Markers, Detail 29 - Median Island	LF	739		
10	Thermoplastic Striping & Recessed Markers, Detail 32 - Two Way Left Turn Lane	LF	5,007		
11	Thermoplastic Striping & Recessed Markers, Detail 38 - Channelization Line	LF	1,844		
12	Thermoplastic Striping, Detail 39/39a - Bike Lane Line	LF	475		
13	Recessed Markers, Detail 9 - Lane Line	EA	987		
14	Recessed Markers, Detail 22 - Centerline	EA	710		
15	Recessed Markers, Detail 32 - Two Way Left Turn Lane	EA	1,691		
16	Recessed Markers, Detail 37b - Channelization Line	EA	35		
17	Recessed Markers, Detail 38 - Channelization Line	EA	223		
18	Thermoplastic Markings, White	SF	1,496		
19	Thermoplastic Markings, Yellow	SF	200		
20	Thermoplastic Markings, Type IV Arrow (15 SF)	EA	57		
21	Thermoplastic Markings, Type VI Arrow (42 SF)	EA	8		
22	Thermoplastic Markings, "STOP" Legend (22 SF)	EA	16		
23	Thermoplastic Markings, "ONLY" Legend (22 SF)	EA	5		
24	Thermoplastic Markings, Yellow "SLOW" Legend (23 SF)	EA	2		
25	Thermoplastic Markings, Yellow "SCHOOL" Legend (35 SF)	EA	2		
26	Thermoplastic Markings, Yellow "XING" Legend (21 SF)	EA	2		
27	Thermoplastic Markings, "SIGNAL" Legend (32 SF)	EA	1		
28	Thermoplastic Markings, "AHEAD" Legend (31 SF)	EA	1		
29	Thermoplastic Markings, Bike Symbol & Arrow (14 SF)	EA	2		
TOTAL BASE BID AMOUNT =					

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

ARTICLE IV. – Contractor certifies that Contractor is aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and will comply with such provisions before commencing the performance of the project work of this Agreement.

ARTICLE V. – It is further expressly agreed by and between the parties hereto that if there be any conflict between the terms of this Agreement and the bid of the Contractor, then this agreement shall control and nothing herein shall be considered as an acceptance of the terms of the Bid conflicting herewith.

ARTICLE VI. – The Town of Paradise hereby employs Contractor to provide material and to do the project work according to the terms and conditions herein contained and referred to for the following prices to be paid at the time, in the manner and upon the conditions set forth in this agreement.

ARTICLE VII. – The project work required in the performance of this Agreement is an improvement over which the Town of Paradise shall exercise general supervision.

ARTICLE VIII. – The statement of prevailing wages appearing in the General Prevailing Wage Rates is hereby specifically referred to and by this reference is made a part of this Agreement. It is further expressly agreed, by and between the terms of this Agreement and the bid of the Contractor, that this Agreement shall control and nothing herein shall be considered as an acceptance of the terms of the Bid conflicting with this Agreement.

ARTICLE IX. – Notwithstanding any other provision, all claims by the Contractor for \$375,000 or less against the Town shall be subject to the procedures set forth in Public Contract Code sections 20104 to 20104.8; a copy of which is shown below:

20104.

- (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.
(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.

20104.2.

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 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 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 those provisions, the running of the period of time within which a claim must be filed shall be tolled from the time the claimant submits Contractor's 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.

20104.4.

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 nonbinding 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 (commencing 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 (Title 4 (commencing with Section 2016.010) 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 the trial de novo.

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

20104.6.

(a) No local agency shall fail to pay money as to any portion of a claim which is undisputed except as otherwise provided in the contract.

(b) In any suit filed under Section 20104.4, 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.

IN WITNESS WHEREOF, The parties to these presents have hereunto set their hands the year and date first above written

TOWN OF PARADISE

By _____

Lauren Gill, Town Manager

By _____

Contractor

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

License No. _____

Federal Employer Identification Number _____

Approved and certified as being in conformance with the requirements of the Public Contract Code Section 20160 et seq.

Dwight L. Moore, Town Attorney

Approved Effective _____

Bond of Faithful Performance

Measure C Road Rehabilitation Project 2016
Contract No. 16-05

KNOW ALL MEN BY THESE PRESENTS, THAT WE, _____, the Contractor in the contract hereto annexed, as principal, and _____, as surety, are held and firmly bound unto the Town of Paradise in the sum of _____ (\$_____) lawful money of the United States, for which payments, well and truly to be made, we bind ourselves, jointly and severally, firmly by these presents.

Signed, sealed and dated _____.

The condition of the above obligation is that if said principal, as Contractor in the contract hereto annexed, shall faithfully perform each and all of the conditions of said contract to be performed by Contractor, and shall furnish all tools, equipment, apparatus, facilities, transportation, labor and material, other than material, if any, agreed to be furnished by the Town, necessary to perform and complete, and to perform and complete in a good workmanlike manner, the project work of Measure C Road Rehabilitation Project 2016, in strict conformity with the terms and conditions set forth in the contract hereto annexed, then this obligation shall be null and void, otherwise to remain in full force and effect, and that said surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the contract or to the project work to be performed thereunder or the specifications accompanying the same, shall in any wise 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 project work or to the specifications.

Surety further agrees, in case suit is brought upon this bond, that it will pay, in addition to the basic obligation herein, a reasonable attorney's fee to be awarded and fixed by the Court and to be taxed as costs and to be included in the judgment therein rendered.

Contractor

Surety

Approved as to form:

Town Attorney
Town of Paradise

Certificate of Acknowledgement

State of California
County of Butte SS

On this _____ day of _____ in the year 20____ before me

_____, personally appeared _____,
Attorney-in-fact

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument as the attorney-in-fact of _____, and acknowledged to me that he (she) subscribed the name of the said company thereto as surety, and his (her) own name as attorney-in-fact.

(SEAL)

Notary Public

Payment Bond

Measure C Road Rehabilitation Project 2016

Contract No. 16-05

(Section 3247, Civil Code)

WHEREAS, the Town of Paradise, Department of Public Works, hereafter referred to as "Obligee," has awarded to Contractor, _____, hereinafter referred to as "Principal," a contract for the project work described as follows: **Measure C Road Rehabilitation Project 2016.**

AND, WHEREAS, said Principal is required to furnish a bond in connection with said contract, to secure the payment of claims of laborers, mechanics, materialmen, and other persons as provided by law.

NOW, THEREFORE, we the undersigned Principal and Surety are bound unto the Obligee in the sum of _____ (\$ _____) for which payment we bind ourselves, jointly and severally.

THE CONDITION OF THIS OBLIGATION IS SUCH

That if said Principal or its subcontractors shall fail to pay any of the persons named in Civil Code Section 3181, or amounts due under the Unemployment Insurance Code with respect to project work or labor performed by such claimant, or any amounts required to be deducted, withheld, and paid over to the Franchise Tax Board from the wages of employees of the Principal and Contractor's subcontractors pursuant to Section 18806 of the Revenue and Taxation Code, with respect to such project work and labor, that the surety herein will pay for the same in an amount not exceeding the sum specified in this bond, otherwise the above obligation shall be void. In case suit is brought upon this bond, the surety will pay a reasonable attorney's fee to be fixed by the court.

This bond shall inure to the benefit of any of the persons named in Civil Code Section 3181 as to give a right of action to such persons or their assigns in any suit brought upon this bond.

Dated: _____, 2016

By: _____

Principal

By: _____

Attorney-in-Fact

Certificate of Acknowledgement

State of California
County of Butte SS

On this _____ day of _____ in the year 20____ before me

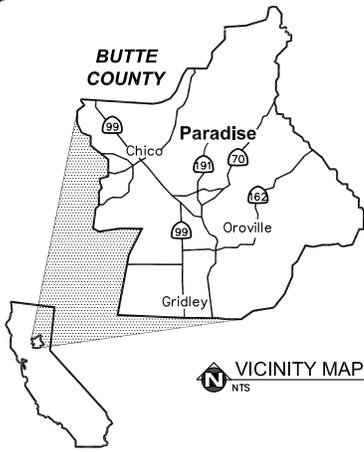
_____, personally appeared _____,
Attorney-in-fact

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument as the attorney-in-fact of _____, and acknowledged to me that he (she) subscribed the name of the said company thereto as surety, and his (her) own name as attorney-in-fact.

(SEAL)

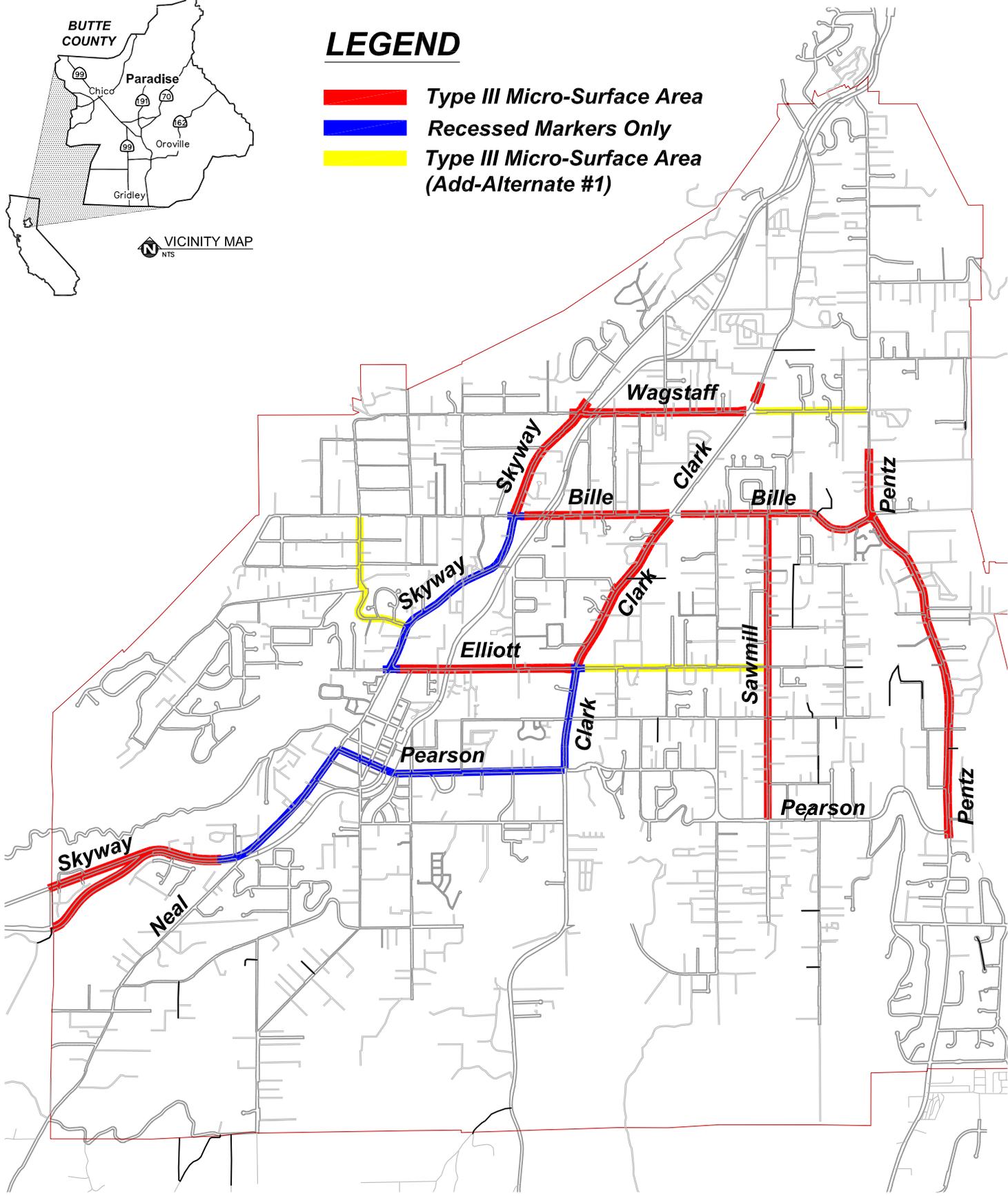
Notary Public

Project Area and Quantity Exhibits



LEGEND

- Type III Micro-Surface Area
- Recessed Markers Only
- Type III Micro-Surface Area (Add-Alternate #1)



TOWN OF PARADISE PUBLIC WORKS DEPARTMENT

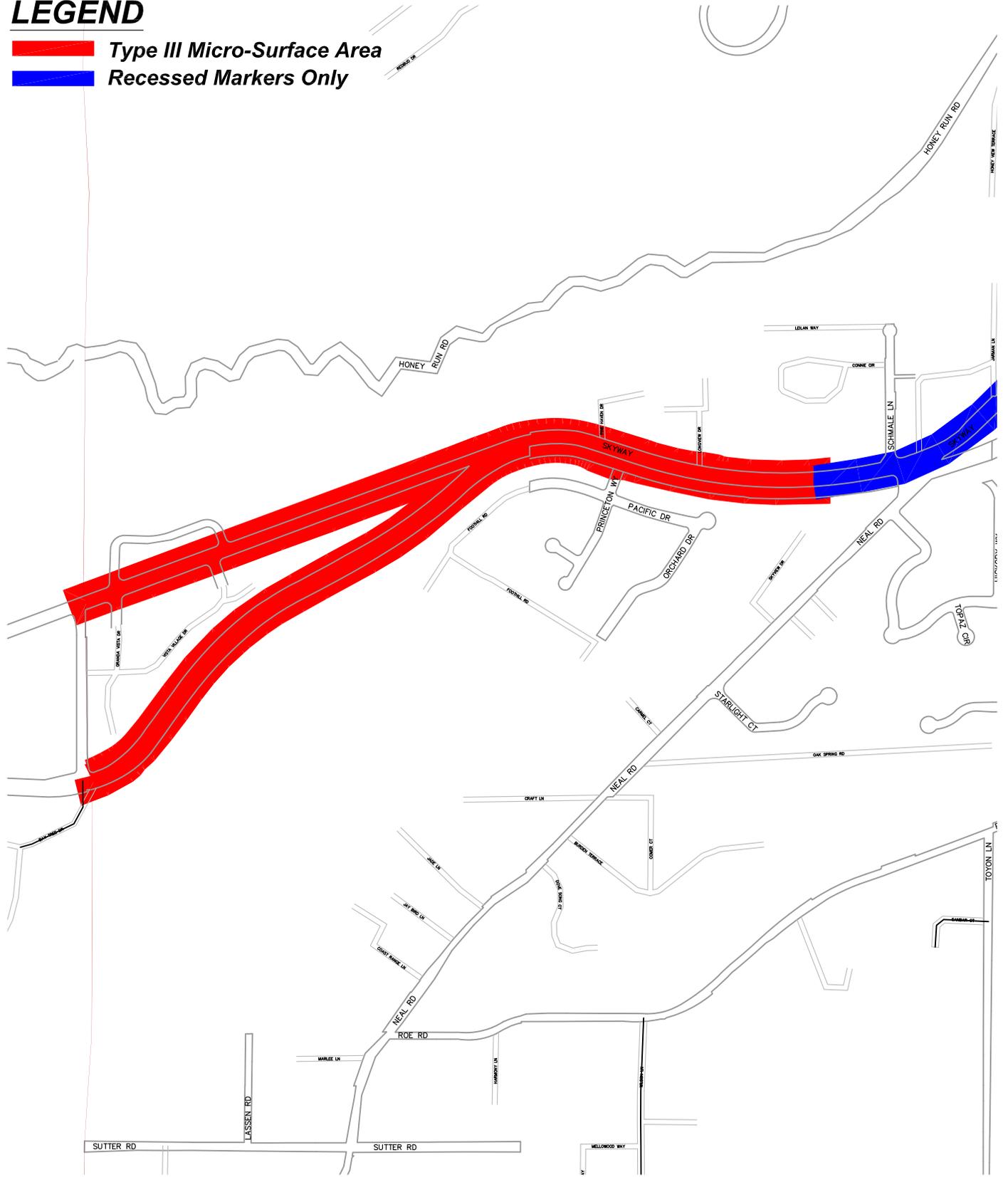
5555 Skyway
 Paradise, California 95969
 Phone: (530) 872-6291 Fax: (530) 877-5059

Measure C Road Rehabilitation Project 2016

Vicinity & Project Location Map

LEGEND

-  Type III Micro-Surface Area
-  Recessed Markers Only



TOWN OF PARADISE PUBLIC WORKS DEPARTMENT

5555 Skyway
Paradise, California 95969
Phone: (530) 872-6291 Fax: (530) 877-5059

Measure C Road Rehabilitation Project 2016

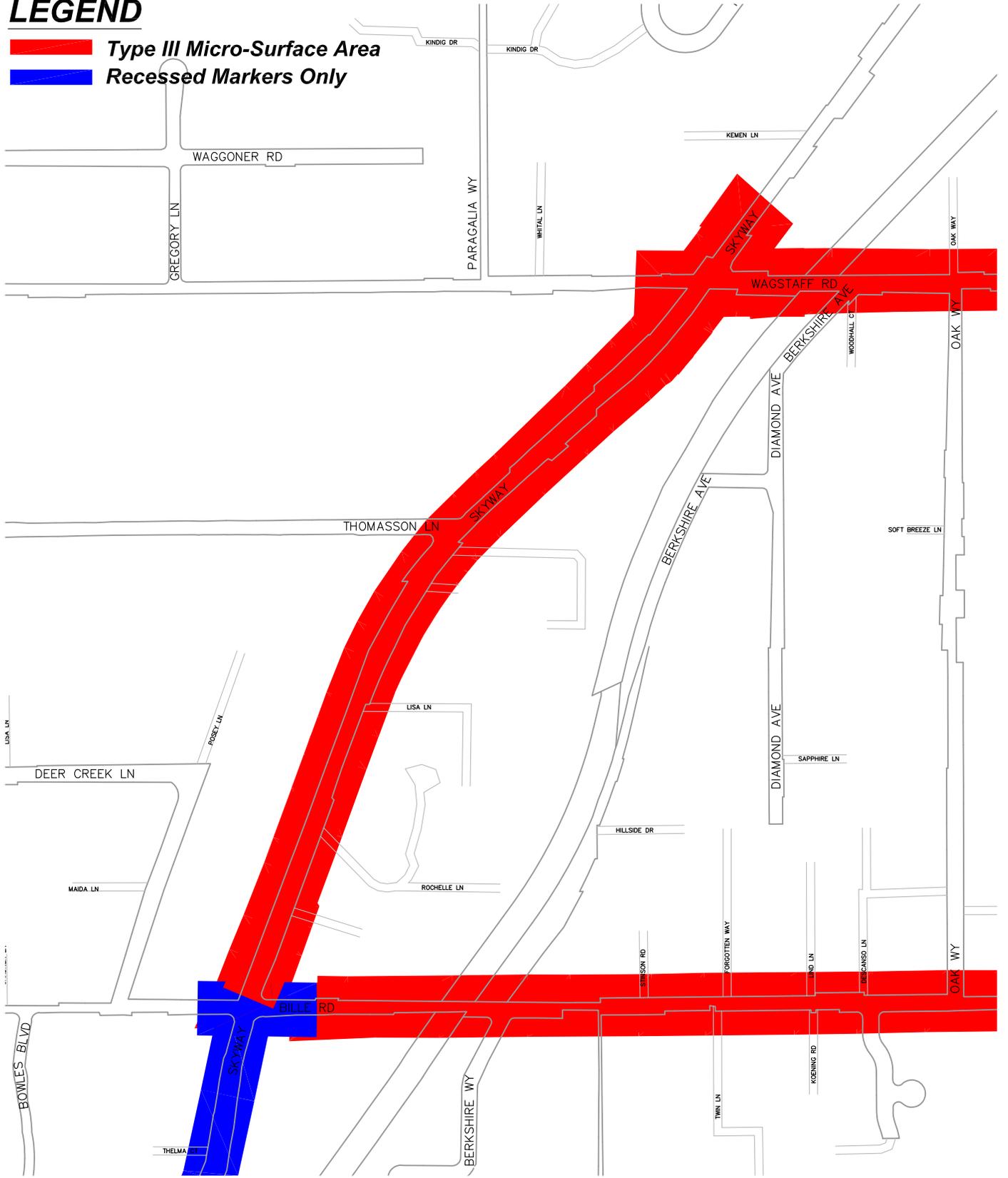
Skyway, Crossroads to Neal
Scale: 1" = 800'

Measure C Road Rehabilitation Project 2016
Project Area Quantities

Bid Item	Item Description	Skyway, Crossroads to Neal	Unit of Measure
1	Mobilization	0	LS
2	Traffic Control	0	LS
3	Striping Reference Plan	0	LS
4	Type III Microsurfacing	33369	SY
5	Thermoplastic Striping & Recessed Markers, Detail 9 - Lane Line	9371	LF
6	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	567	LF
7	Thermoplastic Striping & Recessed Markers, Detail 25a - Left Edge Centerline	5880	LF
8	Thermoplastic Striping, Detail 27b/27c - Edge Line	8421	LF
9	Thermoplastic Striping & Recessed Markers, Detail 29 - Median Island	474	LF
10	Thermoplastic Striping & Recessed Markers, Detail 32 - Two Way Left Turn Lane	563	LF
11	Thermoplastic Striping & Recessed Markers, Detail 38 - Channelization Line	643	LF
12	Thermoplastic Striping, Detail 39/39a - Bike Lane Line	0	LF
13	Recessed Markers, Detail 9 - Lane Line	0	EA
14	Recessed Markers, Detail 22 - Centerline	0	EA
15	Recessed Markers, Detail 32 - Two Way Left Turn Lane	0	EA
16	Recessed Markers, Detail 37b - Channelization Line	0	EA
17	Recessed Markers, Detail 38 - Channelization Line	0	EA
18	Thermoplastic Markings, White	31	SF
19	Thermoplastic Markings, Yellow	0	SF
20	Thermoplastic Markings, Type IV Arrow (15 SF)	8	EA
21	Thermoplastic Markings, Type VI Arrow (42 SF)	0	EA
22	Thermoplastic Markings, "STOP" Legend (22 SF)	1	EA
23	Thermoplastic Markings, "ONLY" Legend (22 SF)	4	EA
24	Thermoplastic Markings, Yellow "SLOW" Legend (23 SF)	0	EA
25	Thermoplastic Markings, Yellow "SCHOOL" Legend (35 SF)	0	EA
26	Thermoplastic Markings, Yellow "XING" Legend (21 SF)	0	EA
27	Thermoplastic Markings, "SIGNAL" Legend (32 SF)	0	EA
28	Thermoplastic Markings, "AHEAD" Legend (31 SF)	0	EA
29	Thermoplastic Markings, Bike Symbol & Arrow (14 SF)	0	EA

LEGEND

-  Type III Micro-Surface Area
-  Recessed Markers Only



TOWN OF PARADISE PUBLIC WORKS DEPARTMENT

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Paradise, California 95969
Phone: (530) 872-6291 Fax: (530) 877-5059

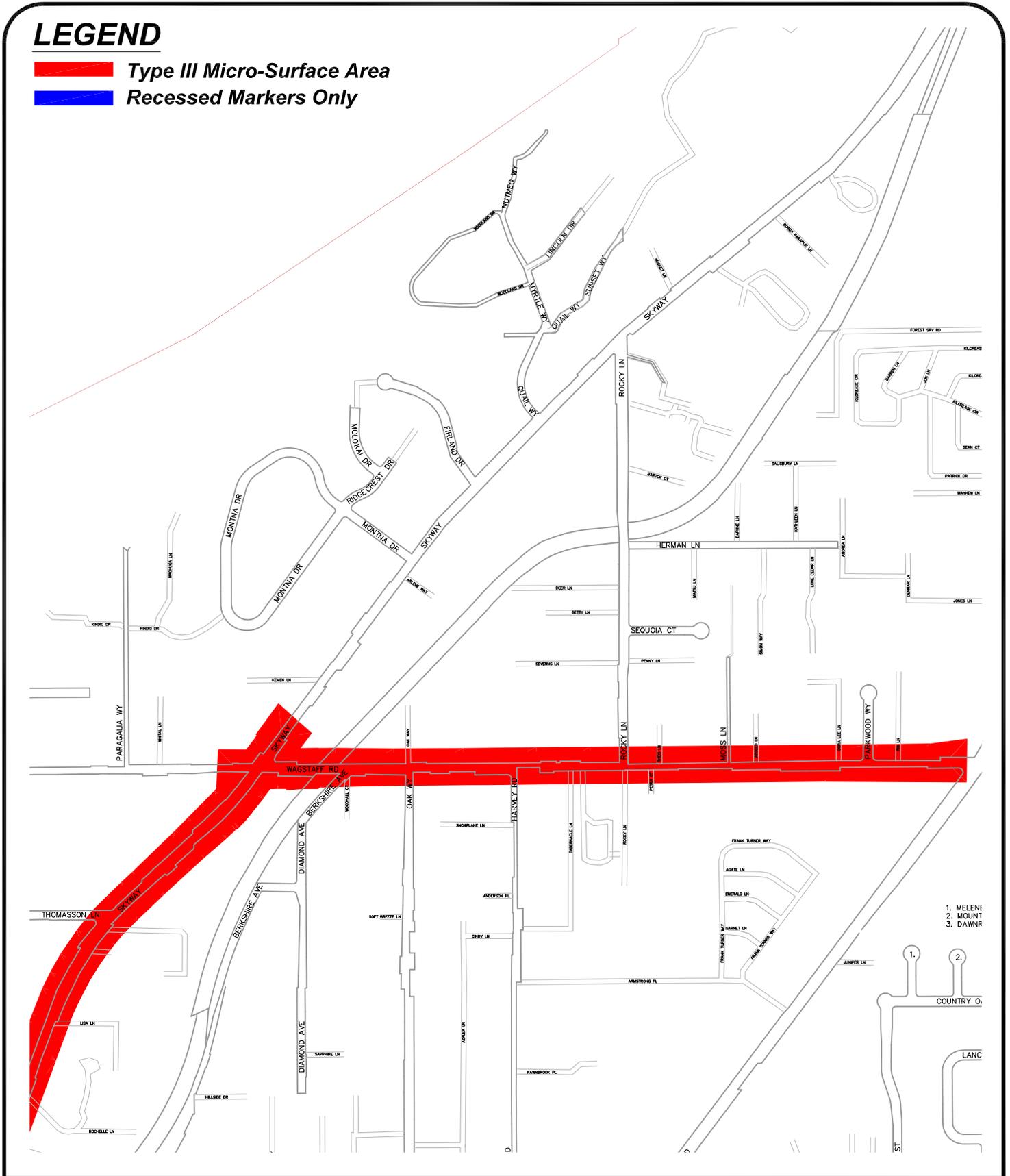
**Measure C Road
Rehabilitation Project 2016**
Skyway, Bille to Wagstaff
Scale: 1" = 500'

Measure C Road Rehabilitation Project 2016
Project Area Quantities

Bid Item	Item Description	Skyway, Bille to Wagstaff	Unit of Measure
1	Mobilization	0	LS
2	Traffic Control	0	LS
3	Striping Reference Plan	0	LS
4	Type III Microsurfacing	19068	SY
5	Thermoplastic Striping & Recessed Markers, Detail 9 - Lane Line	232	LF
6	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	3362	LF
7	Thermoplastic Striping & Recessed Markers, Detail 25a - Left Edge Centerline	0	LF
8	Thermoplastic Striping, Detail 27b/27c - Edge Line	5336	LF
9	Thermoplastic Striping & Recessed Markers, Detail 29 - Median Island	0	LF
10	Thermoplastic Striping & Recessed Markers, Detail 32 - Two Way Left Turn Lane	0	LF
11	Thermoplastic Striping & Recessed Markers, Detail 38 - Channelization Line	751	LF
12	Thermoplastic Striping, Detail 39/39a - Bike Lane Line	212	LF
13	Recessed Markers, Detail 9 - Lane Line	0	EA
14	Recessed Markers, Detail 22 - Centerline	0	EA
15	Recessed Markers, Detail 32 - Two Way Left Turn Lane	0	EA
16	Recessed Markers, Detail 37b - Channelization Line	0	EA
17	Recessed Markers, Detail 38 - Channelization Line	0	EA
18	Thermoplastic Markings, White	687	SF
19	Thermoplastic Markings, Yellow	0	SF
20	Thermoplastic Markings, Type IV Arrow (15 SF)	12	EA
21	Thermoplastic Markings, Type VI Arrow (42 SF)	5	EA
22	Thermoplastic Markings, "STOP" Legend (22 SF)	0	EA
23	Thermoplastic Markings, "ONLY" Legend (22 SF)	0	EA
24	Thermoplastic Markings, Yellow "SLOW" Legend (23 SF)	0	EA
25	Thermoplastic Markings, Yellow "SCHOOL" Legend (35 SF)	0	EA
26	Thermoplastic Markings, Yellow "XING" Legend (21 SF)	0	EA
27	Thermoplastic Markings, "SIGNAL" Legend (32 SF)	1	EA
28	Thermoplastic Markings, "AHEAD" Legend (31 SF)	1	EA
29	Thermoplastic Markings, Bike Symbol & Arrow (14 SF)	1	EA

LEGEND

-  Type III Micro-Surface Area
-  Recessed Markers Only



TOWN OF PARADISE PUBLIC WORKS DEPARTMENT

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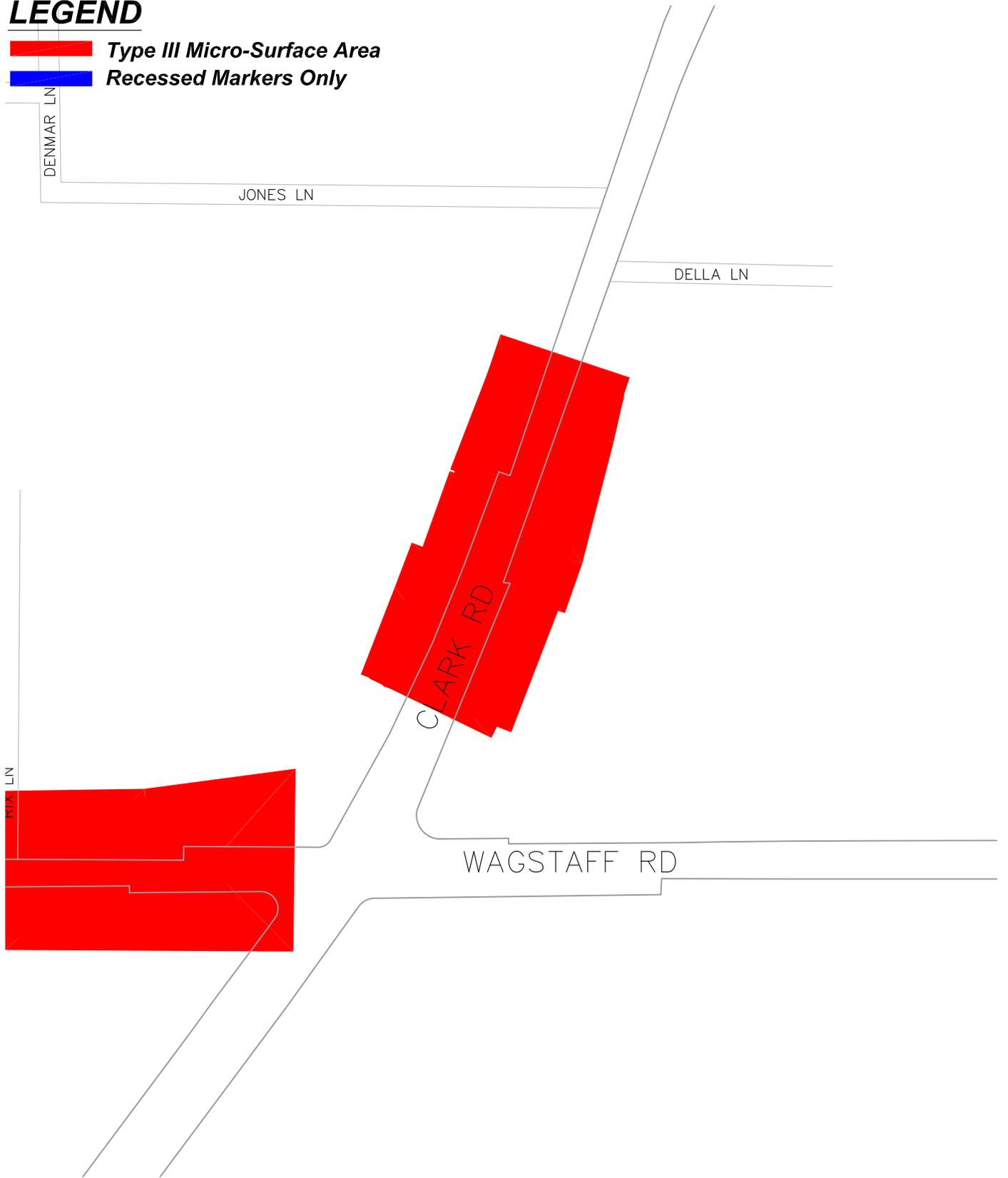
**Measure C Road
Rehabilitation Project 2016**
Wagstaff, Skyway to Clark
Scale: 1" = 800'

**Measure C Road Rehabilitation Project 2016
Project Area Quantities**

Bid Item	Item Description	Wagstaff, Skyway to Clark	Unit of Measure
1	Mobilization	0	LS
2	Traffic Control	0	LS
3	Striping Reference Plan	0	LS
4	Type III Microsurfacing	12960	SY
5	Thermoplastic Striping & Recessed Markers, Detail 9 - Lane Line	0	LF
6	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	4048	LF
7	Thermoplastic Striping & Recessed Markers, Detail 25a - Left Edge Centerline	0	LF
8	Thermoplastic Striping, Detail 27b/27c - Edge Line	7833	LF
9	Thermoplastic Striping & Recessed Markers, Detail 29 - Median Island	0	LF
10	Thermoplastic Striping & Recessed Markers, Detail 32 - Two Way Left Turn Lane	0	LF
11	Thermoplastic Striping & Recessed Markers, Detail 38 - Channelization Line	0	LF
12	Thermoplastic Striping, Detail 39/39a - Bike Lane Line	263	LF
13	Recessed Markers, Detail 9 - Lane Line	0	EA
14	Recessed Markers, Detail 22 - Centerline	0	EA
15	Recessed Markers, Detail 32 - Two Way Left Turn Lane	0	EA
16	Recessed Markers, Detail 37b - Channelization Line	0	EA
17	Recessed Markers, Detail 38 - Channelization Line	0	EA
18	Thermoplastic Markings, White	255	SF
19	Thermoplastic Markings, Yellow	0	SF
20	Thermoplastic Markings, Type IV Arrow (15 SF)	0	EA
21	Thermoplastic Markings, Type VI Arrow (42 SF)	0	EA
22	Thermoplastic Markings, "STOP" Legend (22 SF)	0	EA
23	Thermoplastic Markings, "ONLY" Legend (22 SF)	0	EA
24	Thermoplastic Markings, Yellow "SLOW" Legend (23 SF)	0	EA
25	Thermoplastic Markings, Yellow "SCHOOL" Legend (35 SF)	0	EA
26	Thermoplastic Markings, Yellow "XING" Legend (21 SF)	0	EA
27	Thermoplastic Markings, "SIGNAL" Legend (32 SF)	0	EA
28	Thermoplastic Markings, "AHEAD" Legend (31 SF)	0	EA
29	Thermoplastic Markings, Bike Symbol & Arrow (14 SF)	1	EA

LEGEND

-  Type III Micro-Surface Area
-  Recessed Markers Only



TOWN OF PARADISE PUBLIC WORKS DEPARTMENT

5555 Skyway
Paradise, California 95969
Phone: (530) 872-6291 Fax: (530) 877-5059

**Measure C Road
Rehabilitation Project 2016**
Clark, N/O Wagstaff
Scale: 1" = 200'

**Measure C Road Rehabilitation Project 2016
Project Area Quantities**

Bid Item	Item Description	Clark, 200 N/O Wagstaff to 800' N/O Wagstaff	Unit of Measure
1	Mobilization	0	LS
2	Traffic Control	0	LS
3	Striping Reference Plan	0	LS
4	Type III Microsurfacing	3806	SY
5	Thermoplastic Striping & Recessed Markers, Detail 9 - Lane Line	478	LF
6	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	190	LF
7	Thermoplastic Striping & Recessed Markers, Detail 25a - Left Edge Centerline	0	LF
8	Thermoplastic Striping, Detail 27b/27c - Edge Line	320	LF
9	Thermoplastic Striping & Recessed Markers, Detail 29 - Median Island	165	LF
10	Thermoplastic Striping & Recessed Markers, Detail 32 - Two Way Left Turn Lane	172	LF
11	Thermoplastic Striping & Recessed Markers, Detail 38 - Channelization Line	0	LF
12	Thermoplastic Striping, Detail 39/39a - Bike Lane Line	0	LF
13	Recessed Markers, Detail 9 - Lane Line	0	EA
14	Recessed Markers, Detail 22 - Centerline	0	EA
15	Recessed Markers, Detail 32 - Two Way Left Turn Lane	0	EA
16	Recessed Markers, Detail 37b - Channelization Line	0	EA
17	Recessed Markers, Detail 38 - Channelization Line	0	EA
18	Thermoplastic Markings, White	0	SF
19	Thermoplastic Markings, Yellow	0	SF
20	Thermoplastic Markings, Type IV Arrow (15 SF)	0	EA
21	Thermoplastic Markings, Type VI Arrow (42 SF)	3	EA
22	Thermoplastic Markings, "STOP" Legend (22 SF)	0	EA
23	Thermoplastic Markings, "ONLY" Legend (22 SF)	0	EA
24	Thermoplastic Markings, Yellow "SLOW" Legend (23 SF)	0	EA
25	Thermoplastic Markings, Yellow "SCHOOL" Legend (35 SF)	0	EA
26	Thermoplastic Markings, Yellow "XING" Legend (21 SF)	0	EA
27	Thermoplastic Markings, "SIGNAL" Legend (32 SF)	0	EA
28	Thermoplastic Markings, "AHEAD" Legend (31 SF)	0	EA
29	Thermoplastic Markings, Bike Symbol & Arrow (14 SF)	0	EA

**Measure C Road Rehabilitation Project 2016
Project Area Quantities**

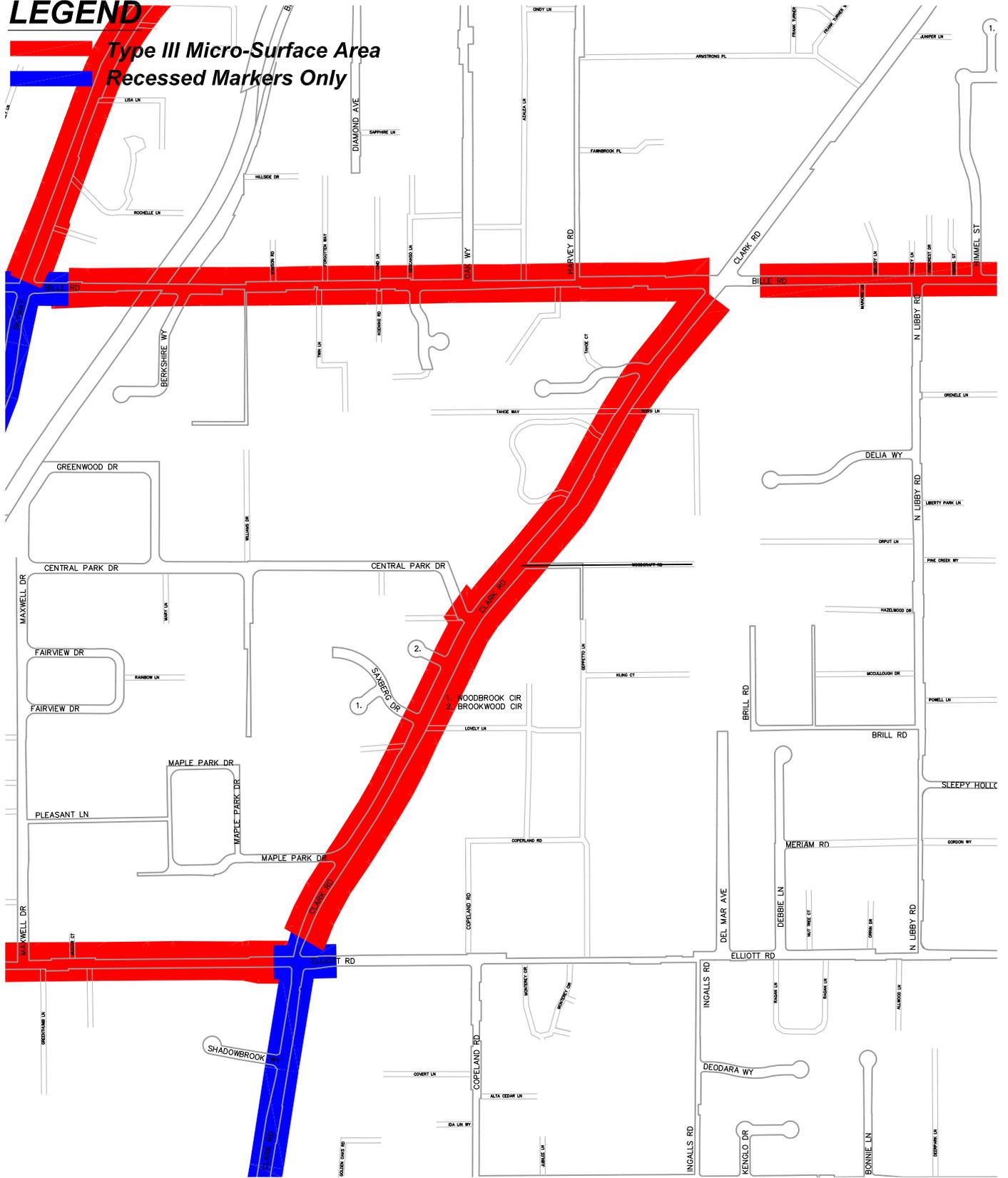
Bid Item	Item Description	Bille, Skyway to Clark	Unit of Measure
1	Mobilization	0	LS
2	Traffic Control	0	LS
3	Striping Reference Plan	0	LS
4	Type III Microsurfacing	11449	SY
5	Thermoplastic Striping & Recessed Markers, Detail 9 - Lane Line	0	LF
6	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	3596	LF
7	Thermoplastic Striping & Recessed Markers, Detail 25a - Left Edge Centerline	0	LF
8	Thermoplastic Striping, Detail 27b/27c - Edge Line	7192	LF
9	Thermoplastic Striping & Recessed Markers, Detail 29 - Median Island	0	LF
10	Thermoplastic Striping & Recessed Markers, Detail 32 - Two Way Left Turn Lane	0	LF
11	Thermoplastic Striping & Recessed Markers, Detail 38 - Channelization Line	0	LF
12	Thermoplastic Striping, Detail 39/39a - Bike Lane Line	0	LF
13	Recessed Markers, Detail 9 - Lane Line	0	EA
14	Recessed Markers, Detail 22 - Centerline	0	EA
15	Recessed Markers, Detail 32 - Two Way Left Turn Lane	0	EA
16	Recessed Markers, Detail 37b - Channelization Line	0	EA
17	Recessed Markers, Detail 38 - Channelization Line	0	EA
18	Thermoplastic Markings, White	0	SF
19	Thermoplastic Markings, Yellow	0	SF
20	Thermoplastic Markings, Type IV Arrow (15 SF)	0	EA
21	Thermoplastic Markings, Type VI Arrow (42 SF)	0	EA
22	Thermoplastic Markings, "STOP" Legend (22 SF)	0	EA
23	Thermoplastic Markings, "ONLY" Legend (22 SF)	0	EA
24	Thermoplastic Markings, Yellow "SLOW" Legend (23 SF)	0	EA
25	Thermoplastic Markings, Yellow "SCHOOL" Legend (35 SF)	0	EA
26	Thermoplastic Markings, Yellow "XING" Legend (21 SF)	0	EA
27	Thermoplastic Markings, "SIGNAL" Legend (32 SF)	0	EA
28	Thermoplastic Markings, "AHEAD" Legend (31 SF)	0	EA
29	Thermoplastic Markings, Bike Symbol & Arrow (14 SF)	0	EA

**Measure C Road Rehabilitation Project 2016
Project Area Quantities**

Bid Item	Item Description	Bille, Clark to Pentz	Unit of Measure
1	Mobilization	0	LS
2	Traffic Control	0	LS
3	Striping Reference Plan	0	LS
4	Type III Microsurfacing	18586	SY
5	Thermoplastic Striping & Recessed Markers, Detail 9 - Lane Line	0	LF
6	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	5022	LF
7	Thermoplastic Striping & Recessed Markers, Detail 25a - Left Edge Centerline	0	LF
8	Thermoplastic Striping, Detail 27b/27c - Edge Line	10044	LF
9	Thermoplastic Striping & Recessed Markers, Detail 29 - Median Island	0	LF
10	Thermoplastic Striping & Recessed Markers, Detail 32 - Two Way Left Turn Lane	0	LF
11	Thermoplastic Striping & Recessed Markers, Detail 38 - Channelization Line	0	LF
12	Thermoplastic Striping, Detail 39/39a - Bike Lane Line	0	LF
13	Recessed Markers, Detail 9 - Lane Line	0	EA
14	Recessed Markers, Detail 22 - Centerline	0	EA
15	Recessed Markers, Detail 32 - Two Way Left Turn Lane	0	EA
16	Recessed Markers, Detail 37b - Channelization Line	0	EA
17	Recessed Markers, Detail 38 - Channelization Line	0	EA
18	Thermoplastic Markings, White	0	SF
19	Thermoplastic Markings, Yellow	0	SF
20	Thermoplastic Markings, Type IV Arrow (15 SF)	0	EA
21	Thermoplastic Markings, Type VI Arrow (42 SF)	0	EA
22	Thermoplastic Markings, "STOP" Legend (22 SF)	4	EA
23	Thermoplastic Markings, "ONLY" Legend (22 SF)	0	EA
24	Thermoplastic Markings, Yellow "SLOW" Legend (23 SF)	0	EA
25	Thermoplastic Markings, Yellow "SCHOOL" Legend (35 SF)	0	EA
26	Thermoplastic Markings, Yellow "XING" Legend (21 SF)	0	EA
27	Thermoplastic Markings, "SIGNAL" Legend (32 SF)	0	EA
28	Thermoplastic Markings, "AHEAD" Legend (31 SF)	0	EA
29	Thermoplastic Markings, Bike Symbol & Arrow (14 SF)	0	EA

LEGEND

-  Type III Micro-Surface Area
-  Recessed Markers Only



TOWN OF PARADISE PUBLIC WORKS DEPARTMENT

5555 Skyway
Paradise, California 95969
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Measure C Road Rehabilitation Project 2016

Clark, Elliott to Bille
Scale: 1" = 800'

Measure C Road Rehabilitation Project 2016
Project Area Quantities

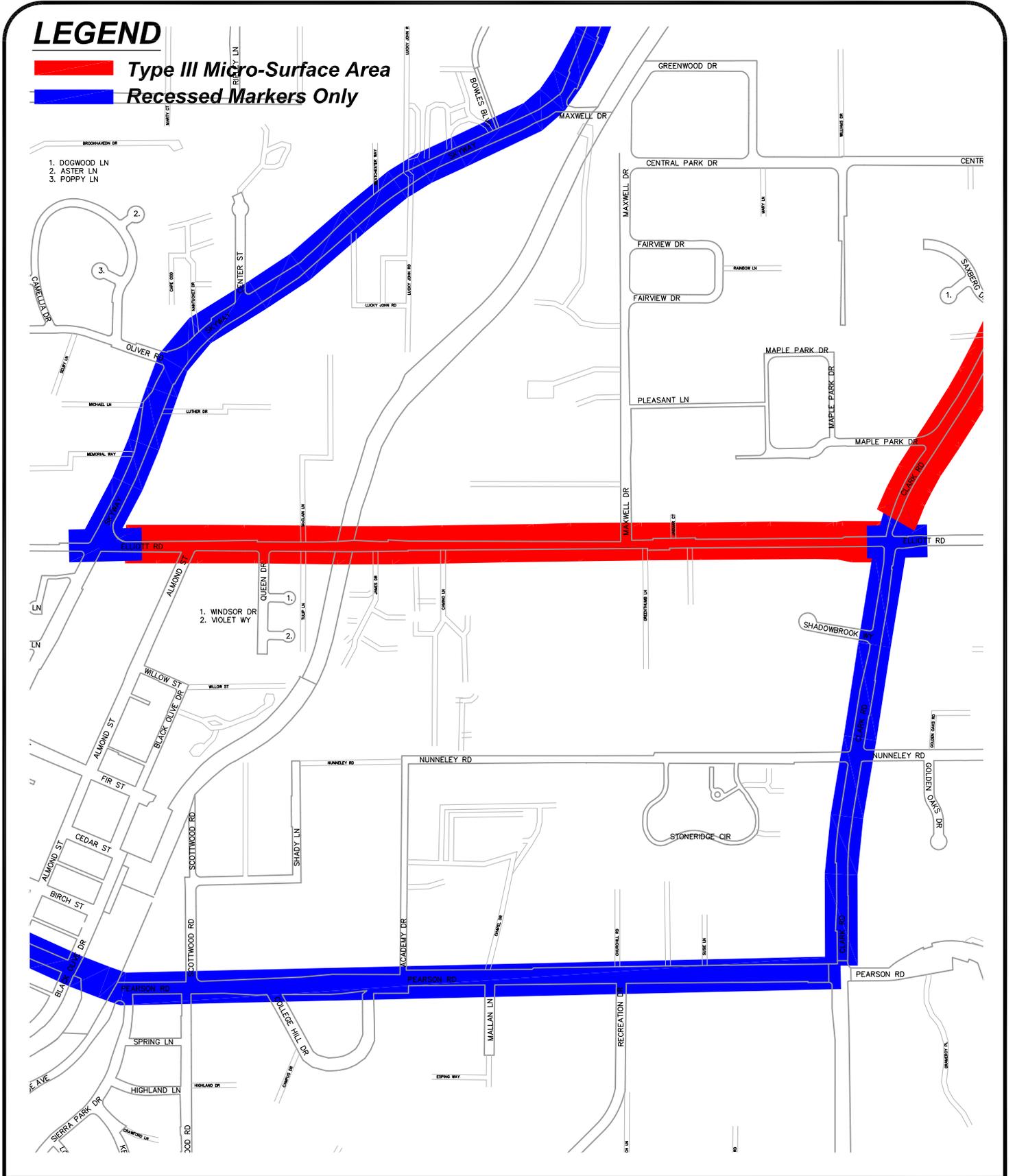
Bid Item	Item Description	Clark, Elliott to Bille	Unit of Measure
1	Mobilization	0	LS
2	Traffic Control	0	LS
3	Striping Reference Plan	0	LS
4	Type III Microsurfacing	28090	SY
5	Thermoplastic Striping & Recessed Markers, Detail 9 - Lane Line	7932	LF
6	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	300	LF
7	Thermoplastic Striping & Recessed Markers, Detail 25a - Left Edge Centerline	0	LF
8	Thermoplastic Striping, Detail 27b/27c - Edge Line	0	LF
9	Thermoplastic Striping & Recessed Markers, Detail 29 - Median Island	100	LF
10	Thermoplastic Striping & Recessed Markers, Detail 32 - Two Way Left Turn Lane	3566	LF
11	Thermoplastic Striping & Recessed Markers, Detail 38 - Channelization Line	300	LF
12	Thermoplastic Striping, Detail 39/39a - Bike Lane Line	0	LF
13	Recessed Markers, Detail 9 - Lane Line	0	EA
14	Recessed Markers, Detail 22 - Centerline	0	EA
15	Recessed Markers, Detail 32 - Two Way Left Turn Lane	0	EA
16	Recessed Markers, Detail 37b - Channelization Line	0	EA
17	Recessed Markers, Detail 38 - Channelization Line	0	EA
18	Thermoplastic Markings, White	250	SF
19	Thermoplastic Markings, Yellow	0	SF
20	Thermoplastic Markings, Type IV Arrow (15 SF)	24	EA
21	Thermoplastic Markings, Type VI Arrow (42 SF)	0	EA
22	Thermoplastic Markings, "STOP" Legend (22 SF)	0	EA
23	Thermoplastic Markings, "ONLY" Legend (22 SF)	0	EA
24	Thermoplastic Markings, Yellow "SLOW" Legend (23 SF)	0	EA
25	Thermoplastic Markings, Yellow "SCHOOL" Legend (35 SF)	0	EA
26	Thermoplastic Markings, Yellow "XING" Legend (21 SF)	0	EA
27	Thermoplastic Markings, "SIGNAL" Legend (32 SF)	0	EA
28	Thermoplastic Markings, "AHEAD" Legend (31 SF)	0	EA
29	Thermoplastic Markings, Bike Symbol & Arrow (14 SF)	0	EA

LEGEND

-  Type III Micro-Surface Area
-  Recessed Markers Only

1. DOGWOOD LN
2. ASTER LN
3. POPPY LN

1. WINDSOR DR
2. VIOLET WY



TOWN OF PARADISE PUBLIC WORKS DEPARTMENT

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**Measure C Road
Rehabilitation Project 2016**
Elliott, Skyway to Clark
Scale: 1" = 800'

Measure C Road Rehabilitation Project 2016
Project Area Quantities

Bid Item	Item Description	Elliott, Skyway to Clark	Unit of Measure
1	Mobilization	0	LS
2	Traffic Control	0	LS
3	Striping Reference Plan	0	LS
4	Type III Microsurfacing	15846	SY
5	Thermoplastic Striping & Recessed Markers, Detail 9 - Lane Line	0	LF
6	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	4223	LF
7	Thermoplastic Striping & Recessed Markers, Detail 25a - Left Edge Centerline	0	LF
8	Thermoplastic Striping, Detail 27b/27c - Edge Line	8446	LF
9	Thermoplastic Striping & Recessed Markers, Detail 29 - Median Island	0	LF
10	Thermoplastic Striping & Recessed Markers, Detail 32 - Two Way Left Turn Lane	159	LF
11	Thermoplastic Striping & Recessed Markers, Detail 38 - Channelization Line	0	LF
12	Thermoplastic Striping, Detail 39/39a - Bike Lane Line	0	LF
13	Recessed Markers, Detail 9 - Lane Line	0	EA
14	Recessed Markers, Detail 22 - Centerline	0	EA
15	Recessed Markers, Detail 32 - Two Way Left Turn Lane	0	EA
16	Recessed Markers, Detail 37b - Channelization Line	0	EA
17	Recessed Markers, Detail 38 - Channelization Line	0	EA
18	Thermoplastic Markings, White	153	SF
19	Thermoplastic Markings, Yellow	200	SF
20	Thermoplastic Markings, Type IV Arrow (15 SF)	2	EA
21	Thermoplastic Markings, Type VI Arrow (42 SF)	0	EA
22	Thermoplastic Markings, "STOP" Legend (22 SF)	0	EA
23	Thermoplastic Markings, "ONLY" Legend (22 SF)	0	EA
24	Thermoplastic Markings, Yellow "SLOW" Legend (23 SF)	2	EA
25	Thermoplastic Markings, Yellow "SCHOOL" Legend (35 SF)	2	EA
26	Thermoplastic Markings, Yellow "XING" Legend (21 SF)	2	EA
27	Thermoplastic Markings, "SIGNAL" Legend (32 SF)	0	EA
28	Thermoplastic Markings, "AHEAD" Legend (31 SF)	0	EA
29	Thermoplastic Markings, Bike Symbol & Arrow (14 SF)	0	EA

LEGEND

-  Type III Micro-Surface Area
-  Recessed Markers Only



TOWN OF PARADISE PUBLIC WORKS DEPARTMENT

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Measure C Road Rehabilitation Project 2016

Pentz, Ponderosa to Pearson
Scale: 1" = 1200'

Measure C Road Rehabilitation Project 2016
Project Area Quantities

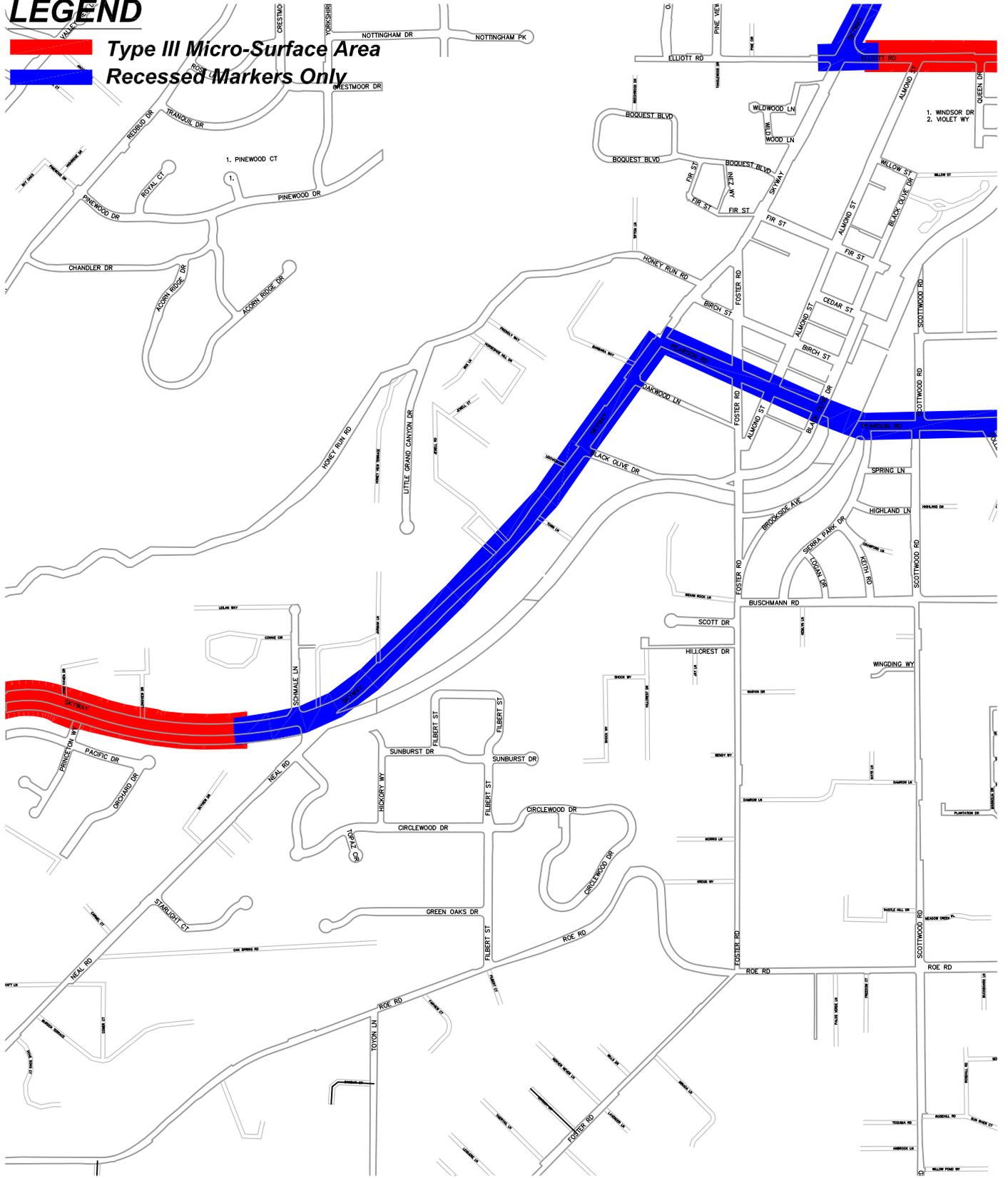
Bid Item	Item Description	Pentz, Ponderosa to Pearson	Unit of Measure
1	Mobilization	0	LS
2	Traffic Control	0	LS
3	Striping Reference Plan	0	LS
4	Type III Microsurfacing	32778	SY
5	Thermoplastic Striping & Recessed Markers, Detail 9 - Lane Line	0	LF
6	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	10576	LF
7	Thermoplastic Striping & Recessed Markers, Detail 25a - Left Edge Centerline	0	LF
8	Thermoplastic Striping, Detail 27b/27c - Edge Line	20246	LF
9	Thermoplastic Striping & Recessed Markers, Detail 29 - Median Island	0	LF
10	Thermoplastic Striping & Recessed Markers, Detail 32 - Two Way Left Turn Lane	547	LF
11	Thermoplastic Striping & Recessed Markers, Detail 38 - Channelization Line	150	LF
12	Thermoplastic Striping, Detail 39/39a - Bike Lane Line	0	LF
13	Recessed Markers, Detail 9 - Lane Line	0	EA
14	Recessed Markers, Detail 22 - Centerline	0	EA
15	Recessed Markers, Detail 32 - Two Way Left Turn Lane	0	EA
16	Recessed Markers, Detail 37b - Channelization Line	0	EA
17	Recessed Markers, Detail 38 - Channelization Line	0	EA
18	Thermoplastic Markings, White	120	SF
19	Thermoplastic Markings, Yellow	0	SF
20	Thermoplastic Markings, Type IV Arrow (15 SF)	11	EA
21	Thermoplastic Markings, Type VI Arrow (42 SF)	0	EA
22	Thermoplastic Markings, "STOP" Legend (22 SF)	7	EA
23	Thermoplastic Markings, "ONLY" Legend (22 SF)	1	EA
24	Thermoplastic Markings, Yellow "SLOW" Legend (23 SF)	0	EA
25	Thermoplastic Markings, Yellow "SCHOOL" Legend (35 SF)	0	EA
26	Thermoplastic Markings, Yellow "XING" Legend (21 SF)	0	EA
27	Thermoplastic Markings, "SIGNAL" Legend (32 SF)	0	EA
28	Thermoplastic Markings, "AHEAD" Legend (31 SF)	0	EA
29	Thermoplastic Markings, Bike Symbol & Arrow (14 SF)	0	EA

**Measure C Road Rehabilitation Project 2016
Project Area Quantities**

Bid Item	Item Description	Sawmill, Pearson to Bille	Unit of Measure
1	Mobilization	0	LS
2	Traffic Control	0	LS
3	Striping Reference Plan	0	LS
4	Type III Microsurfacing	23459	SY
5	Thermoplastic Striping & Recessed Markers, Detail 9 - Lane Line	5022	LF
6	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	0	LF
7	Thermoplastic Striping & Recessed Markers, Detail 25a - Left Edge Centerline	10044	LF
8	Thermoplastic Striping, Detail 27b/27c - Edge Line	0	LF
9	Thermoplastic Striping & Recessed Markers, Detail 29 - Median Island	0	LF
10	Thermoplastic Striping & Recessed Markers, Detail 32 - Two Way Left Turn Lane	0	LF
11	Thermoplastic Striping & Recessed Markers, Detail 38 - Channelization Line	0	LF
12	Thermoplastic Striping, Detail 39/39a - Bike Lane Line	0	LF
13	Recessed Markers, Detail 9 - Lane Line	0	EA
14	Recessed Markers, Detail 22 - Centerline	0	EA
15	Recessed Markers, Detail 32 - Two Way Left Turn Lane	0	EA
16	Recessed Markers, Detail 37b - Channelization Line	0	EA
17	Recessed Markers, Detail 38 - Channelization Line	0	EA
18	Thermoplastic Markings, White	0	SF
19	Thermoplastic Markings, Yellow	0	SF
20	Thermoplastic Markings, Type IV Arrow (15 SF)	0	EA
21	Thermoplastic Markings, Type VI Arrow (42 SF)	0	EA
22	Thermoplastic Markings, "STOP" Legend (22 SF)	4	EA
23	Thermoplastic Markings, "ONLY" Legend (22 SF)	0	EA
24	Thermoplastic Markings, Yellow "SLOW" Legend (23 SF)	0	EA
25	Thermoplastic Markings, Yellow "SCHOOL" Legend (35 SF)	0	EA
26	Thermoplastic Markings, Yellow "XING" Legend (21 SF)	0	EA
27	Thermoplastic Markings, "SIGNAL" Legend (32 SF)	0	EA
28	Thermoplastic Markings, "AHEAD" Legend (31 SF)	0	EA
29	Thermoplastic Markings, Bike Symbol & Arrow (14 SF)	0	EA

LEGEND

-  Type III Micro-Surface Area
-  Recessed Markers Only



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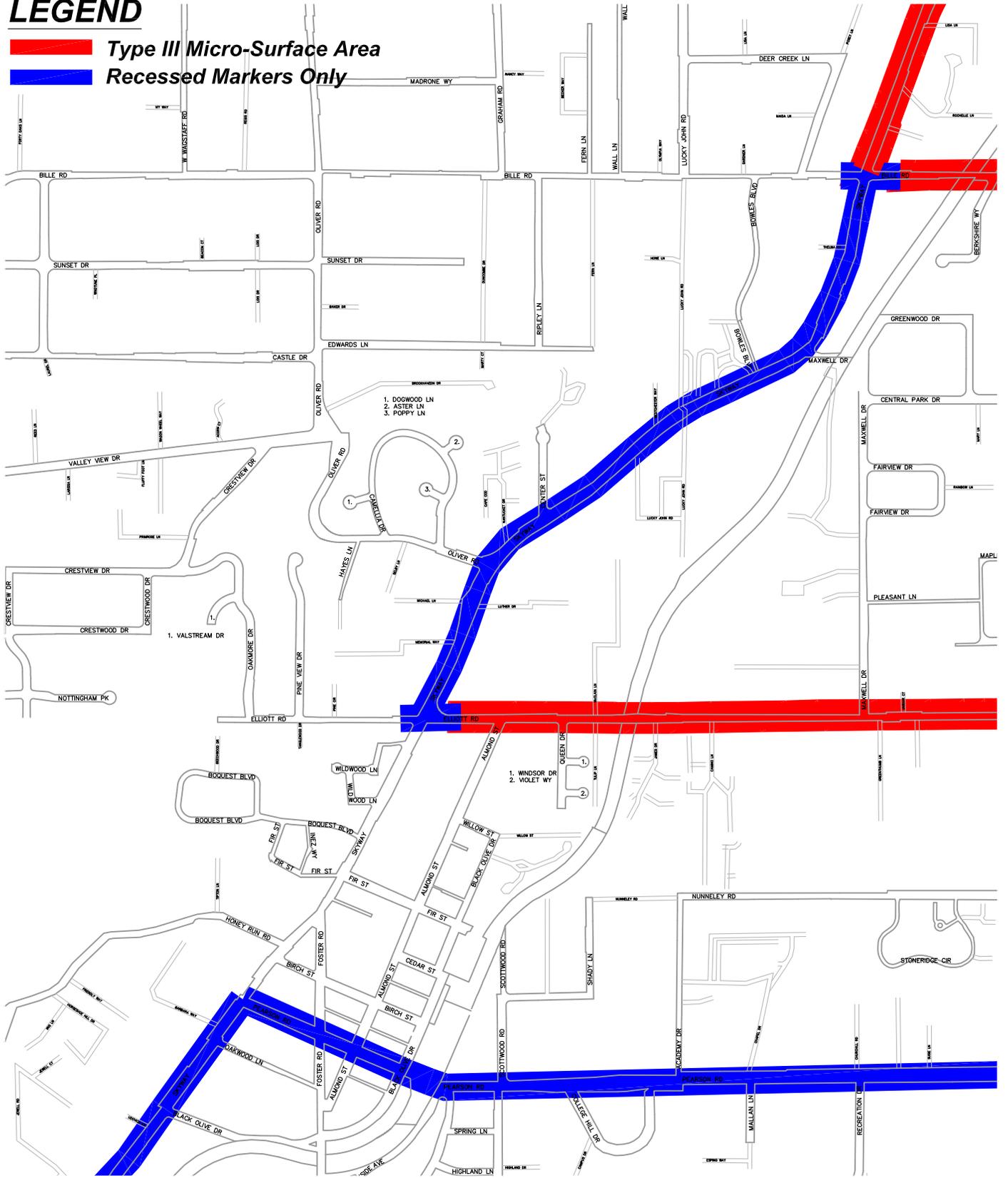
**Measure C Road
Rehabilitation Project 2016**
Skyway, Neal to Pearson
Scale: 1" = 1000'

**Measure C Road Rehabilitation Project 2016
Project Area Quantities**

Bid Item	Item Description	Skyway, Neal to Pearson	Unit of Measure
1	Mobilization	0	LS
2	Traffic Control	0	LS
3	Striping Reference Plan	0	LS
4	Type III Microsurfacing	0	SY
5	Thermoplastic Striping & Recessed Markers, Detail 9 - Lane Line	0	LF
6	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	0	LF
7	Thermoplastic Striping & Recessed Markers, Detail 25a - Left Edge Centerline	0	LF
8	Thermoplastic Striping, Detail 27b/27c - Edge Line	0	LF
9	Thermoplastic Striping & Recessed Markers, Detail 29 - Median Island	0	LF
10	Thermoplastic Striping & Recessed Markers, Detail 32 - Two Way Left Turn Lane	0	LF
11	Thermoplastic Striping & Recessed Markers, Detail 38 - Channelization Line	0	LF
12	Thermoplastic Striping, Detail 39/39a - Bike Lane Line	0	LF
13	Recessed Markers, Detail 9 - Lane Line	322	EA
14	Recessed Markers, Detail 22 - Centerline	100	EA
15	Recessed Markers, Detail 32 - Two Way Left Turn Lane	477	EA
16	Recessed Markers, Detail 37b - Channelization Line	0	EA
17	Recessed Markers, Detail 38 - Channelization Line	0	EA
18	Thermoplastic Markings, White	0	SF
19	Thermoplastic Markings, Yellow	0	SF
20	Thermoplastic Markings, Type IV Arrow (15 SF)	0	EA
21	Thermoplastic Markings, Type VI Arrow (42 SF)	0	EA
22	Thermoplastic Markings, "STOP" Legend (22 SF)	0	EA
23	Thermoplastic Markings, "ONLY" Legend (22 SF)	0	EA
24	Thermoplastic Markings, Yellow "SLOW" Legend (23 SF)	0	EA
25	Thermoplastic Markings, Yellow "SCHOOL" Legend (35 SF)	0	EA
26	Thermoplastic Markings, Yellow "XING" Legend (21 SF)	0	EA
27	Thermoplastic Markings, "SIGNAL" Legend (32 SF)	0	EA
28	Thermoplastic Markings, "AHEAD" Legend (31 SF)	0	EA
29	Thermoplastic Markings, Bike Symbol & Arrow (14 SF)	0	EA

LEGEND

-  Type III Micro-Surface Area
-  Recessed Markers Only



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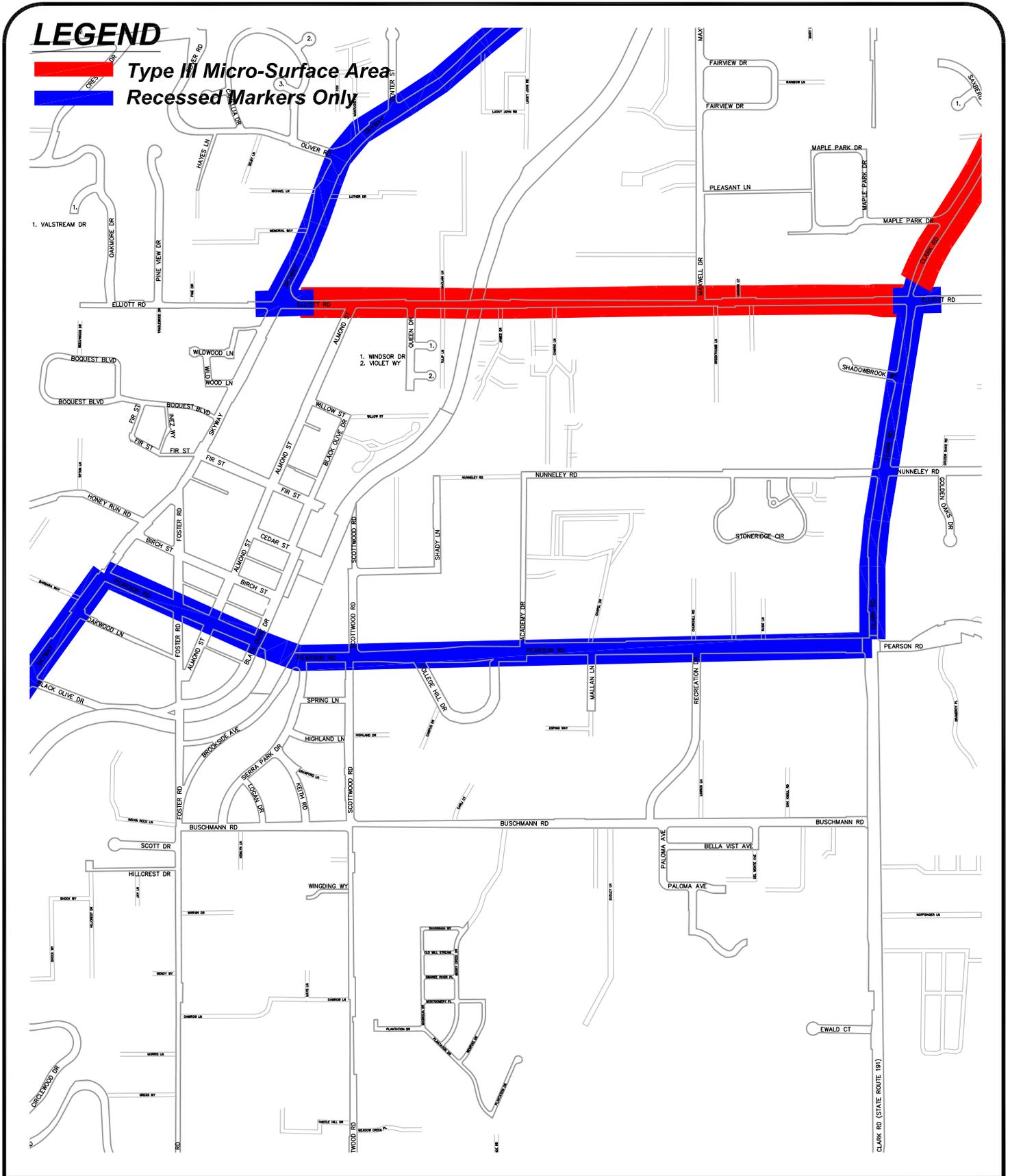
**Measure C Road
Rehabilitation Project 2016**
Skyway, Elliott to Bille
Scale: 1" = 1000'

Measure C Road Rehabilitation Project 2016
Project Area Quantities

Bid Item	Item Description	Skyway, Elliott to Bille	Unit of Measure
1	Mobilization	0	LS
2	Traffic Control	0	LS
3	Striping Reference Plan	0	LS
4	Type III Microsurfacing	0	SY
5	Thermoplastic Striping & Recessed Markers, Detail 9 - Lane Line	0	LF
6	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	0	LF
7	Thermoplastic Striping & Recessed Markers, Detail 25a - Left Edge Centerline	0	LF
8	Thermoplastic Striping, Detail 27b/27c - Edge Line	0	LF
9	Thermoplastic Striping & Recessed Markers, Detail 29 - Median Island	0	LF
10	Thermoplastic Striping & Recessed Markers, Detail 32 - Two Way Left Turn Lane	0	LF
11	Thermoplastic Striping & Recessed Markers, Detail 38 - Channelization Line	0	LF
12	Thermoplastic Striping, Detail 39/39a - Bike Lane Line	0	LF
13	Recessed Markers, Detail 9 - Lane Line	415	EA
14	Recessed Markers, Detail 22 - Centerline	210	EA
15	Recessed Markers, Detail 32 - Two Way Left Turn Lane	530	EA
16	Recessed Markers, Detail 37b - Channelization Line	14	EA
17	Recessed Markers, Detail 38 - Channelization Line	128	EA
18	Thermoplastic Markings, White	0	SF
19	Thermoplastic Markings, Yellow	0	SF
20	Thermoplastic Markings, Type IV Arrow (15 SF)	0	EA
21	Thermoplastic Markings, Type VI Arrow (42 SF)	0	EA
22	Thermoplastic Markings, "STOP" Legend (22 SF)	0	EA
23	Thermoplastic Markings, "ONLY" Legend (22 SF)	0	EA
24	Thermoplastic Markings, Yellow "SLOW" Legend (23 SF)	0	EA
25	Thermoplastic Markings, Yellow "SCHOOL" Legend (35 SF)	0	EA
26	Thermoplastic Markings, Yellow "XING" Legend (21 SF)	0	EA
27	Thermoplastic Markings, "SIGNAL" Legend (32 SF)	0	EA
28	Thermoplastic Markings, "AHEAD" Legend (31 SF)	0	EA
29	Thermoplastic Markings, Bike Symbol & Arrow (14 SF)	0	EA

LEGEND

-  Type III Micro-Surface Area
-  Recessed Markers Only



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Measure C Road Rehabilitation Project 2016

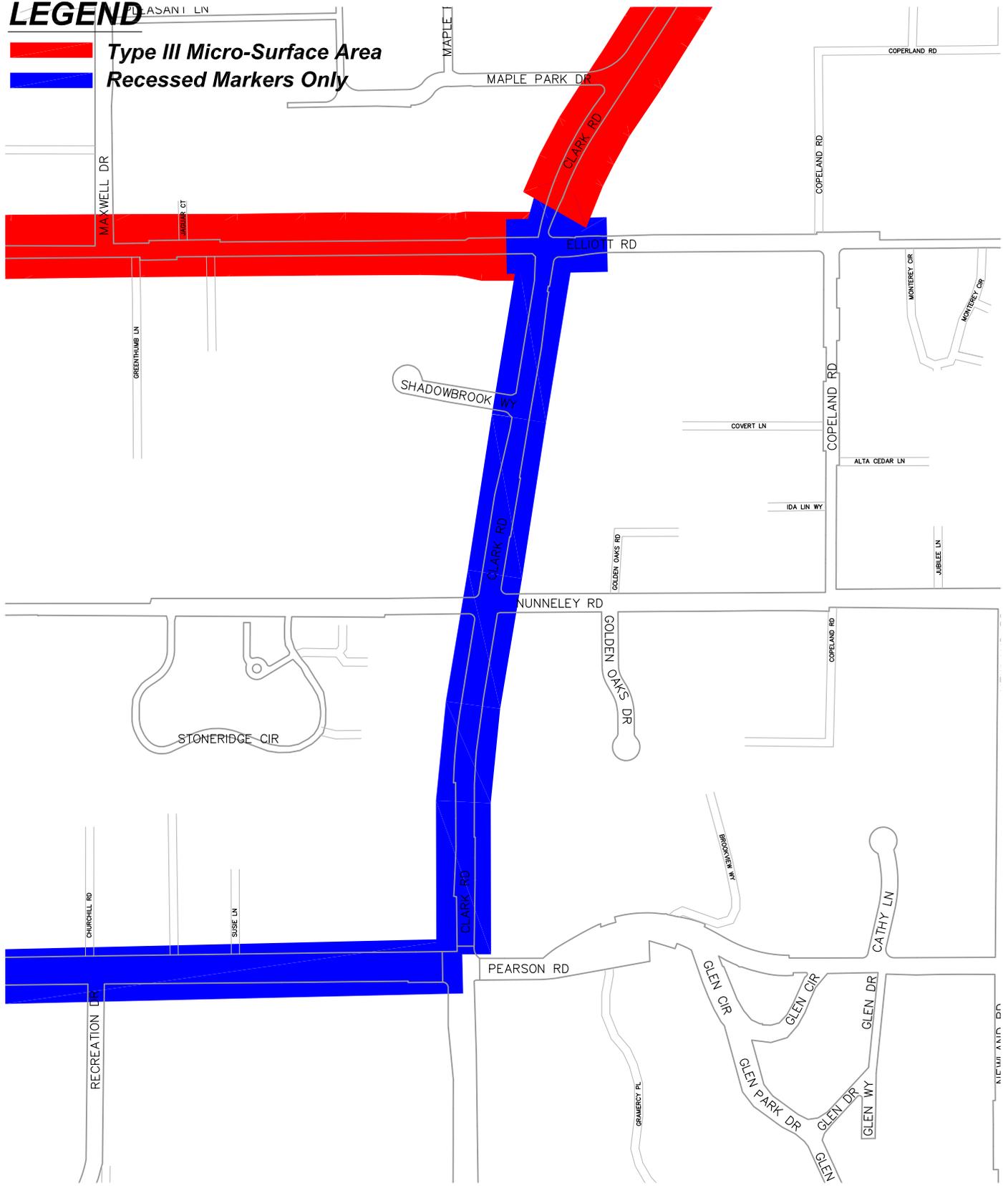
Pearson, Skyway to Clark
Scale: 1" = 1000'

**Measure C Road Rehabilitation Project 2016
Project Area Quantities**

Bid Item	Item Description	Pearson, Skyway to Clark	Unit of Measure
1	Mobilization	0	LS
2	Traffic Control	0	LS
3	Striping Reference Plan	0	LS
4	Type III Microsurfacing	0	SY
5	Thermoplastic Striping & Recessed Markers, Detail 9 - Lane Line	0	LF
6	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	0	LF
7	Thermoplastic Striping & Recessed Markers, Detail 25a - Left Edge Centerline	0	LF
8	Thermoplastic Striping, Detail 27b/27c - Edge Line	0	LF
9	Thermoplastic Striping & Recessed Markers, Detail 29 - Median Island	0	LF
10	Thermoplastic Striping & Recessed Markers, Detail 32 - Two Way Left Turn Lane	0	LF
11	Thermoplastic Striping & Recessed Markers, Detail 38 - Channelization Line	0	LF
12	Thermoplastic Striping, Detail 39/39a - Bike Lane Line	0	LF
13	Recessed Markers, Detail 9 - Lane Line	50	EA
14	Recessed Markers, Detail 22 - Centerline	240	EA
15	Recessed Markers, Detail 32 - Two Way Left Turn Lane	454	EA
16	Recessed Markers, Detail 37b - Channelization Line	21	EA
17	Recessed Markers, Detail 38 - Channelization Line	27	EA
18	Thermoplastic Markings, White	0	SF
19	Thermoplastic Markings, Yellow	0	SF
20	Thermoplastic Markings, Type IV Arrow (15 SF)	0	EA
21	Thermoplastic Markings, Type VI Arrow (42 SF)	0	EA
22	Thermoplastic Markings, "STOP" Legend (22 SF)	0	EA
23	Thermoplastic Markings, "ONLY" Legend (22 SF)	0	EA
24	Thermoplastic Markings, Yellow "SLOW" Legend (23 SF)	0	EA
25	Thermoplastic Markings, Yellow "SCHOOL" Legend (35 SF)	0	EA
26	Thermoplastic Markings, Yellow "XING" Legend (21 SF)	0	EA
27	Thermoplastic Markings, "SIGNAL" Legend (32 SF)	0	EA
28	Thermoplastic Markings, "AHEAD" Legend (31 SF)	0	EA
29	Thermoplastic Markings, Bike Symbol & Arrow (14 SF)	0	EA

LEGEND

-  Type III Micro-Surface Area
-  Recessed Markers Only



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Measure C Road Rehabilitation Project 2016

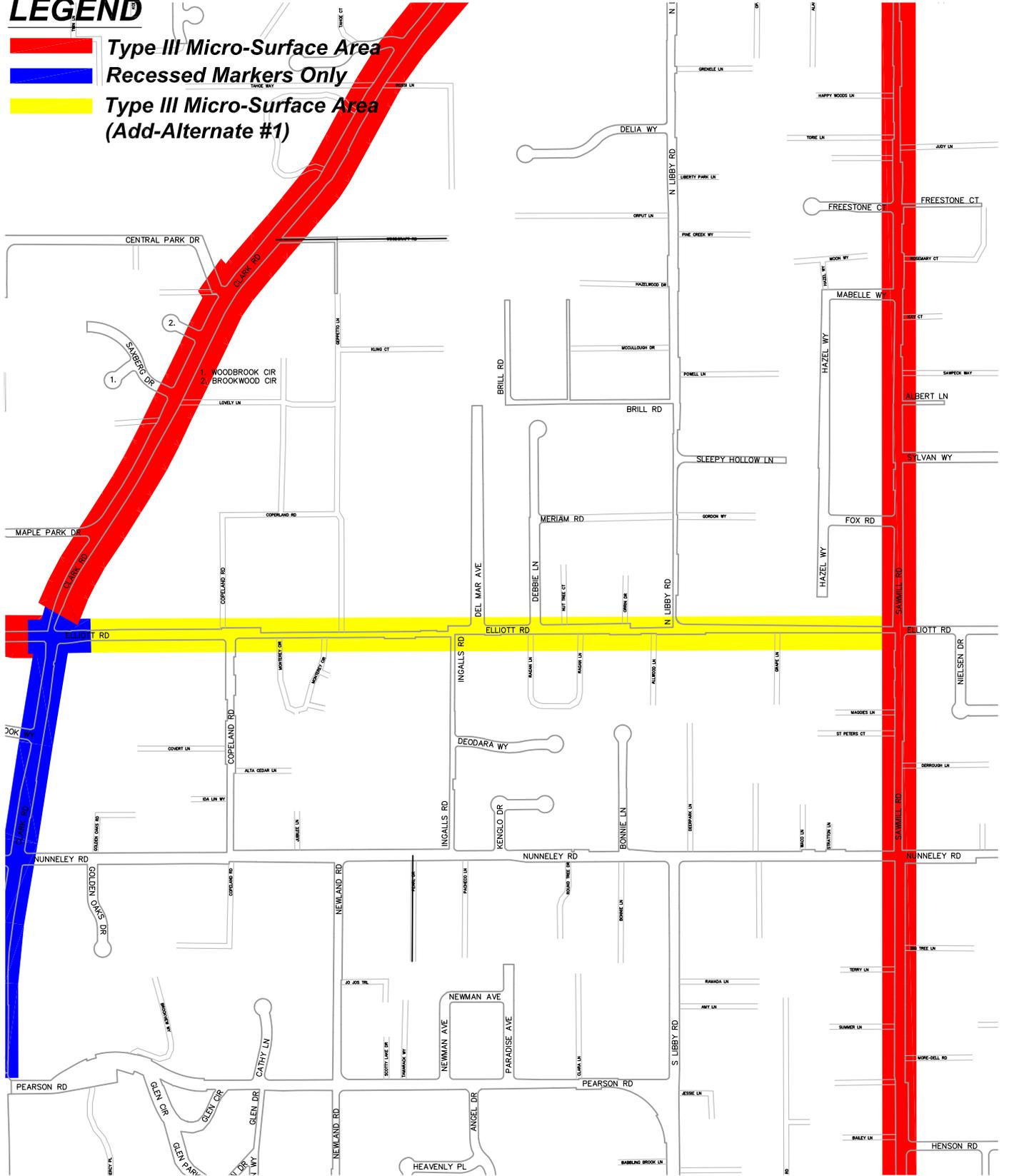
Clark, Pearson to Elliott
Scale: 1" = 500'

**Measure C Road Rehabilitation Project 2016
Project Area Quantities**

Bid Item	Item Description	Clark, Pearson to Elliott	Unit of Measure
1	Mobilization	0	LS
2	Traffic Control	0	LS
3	Striping Reference Plan	0	LS
4	Type III Microsurfacing	0	SY
5	Thermoplastic Striping & Recessed Markers, Detail 9 - Lane Line	0	LF
6	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	0	LF
7	Thermoplastic Striping & Recessed Markers, Detail 25a - Left Edge Centerline	0	LF
8	Thermoplastic Striping, Detail 27b/27c - Edge Line	0	LF
9	Thermoplastic Striping & Recessed Markers, Detail 29 - Median Island	0	LF
10	Thermoplastic Striping & Recessed Markers, Detail 32 - Two Way Left Turn Lane	0	LF
11	Thermoplastic Striping & Recessed Markers, Detail 38 - Channelization Line	0	LF
12	Thermoplastic Striping, Detail 39/39a - Bike Lane Line	0	LF
13	Recessed Markers, Detail 9 - Lane Line	200	EA
14	Recessed Markers, Detail 22 - Centerline	160	EA
15	Recessed Markers, Detail 32 - Two Way Left Turn Lane	230	EA
16	Recessed Markers, Detail 37b - Channelization Line	0	EA
17	Recessed Markers, Detail 38 - Channelization Line	68	EA
18	Thermoplastic Markings, White	0	SF
19	Thermoplastic Markings, Yellow	0	SF
20	Thermoplastic Markings, Type IV Arrow (15 SF)	0	EA
21	Thermoplastic Markings, Type VI Arrow (42 SF)	0	EA
22	Thermoplastic Markings, "STOP" Legend (22 SF)	0	EA
23	Thermoplastic Markings, "ONLY" Legend (22 SF)	0	EA
24	Thermoplastic Markings, Yellow "SLOW" Legend (23 SF)	0	EA
25	Thermoplastic Markings, Yellow "SCHOOL" Legend (35 SF)	0	EA
26	Thermoplastic Markings, Yellow "XING" Legend (21 SF)	0	EA
27	Thermoplastic Markings, "SIGNAL" Legend (32 SF)	0	EA
28	Thermoplastic Markings, "AHEAD" Legend (31 SF)	0	EA
29	Thermoplastic Markings, Bike Symbol & Arrow (14 SF)	0	EA

LEGEND

-  Type III Micro-Surface Area
-  Recessed Markers Only
-  Type III Micro-Surface Area (Add-Alternate #1)



TOWN OF PARADISE PUBLIC WORKS DEPARTMENT

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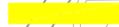
Measure C Road Rehabilitation Project 2016

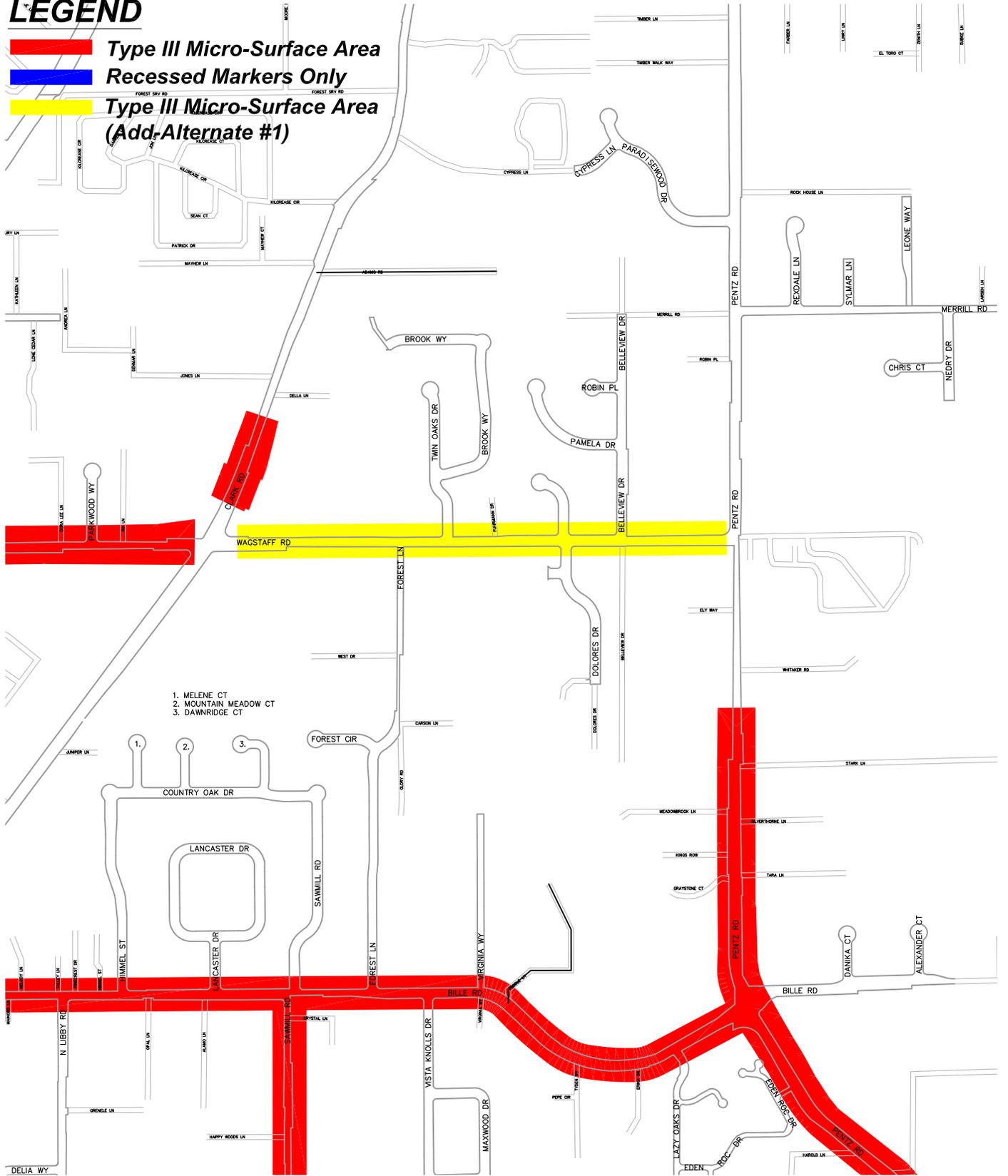
Elliott, Clark to Sawmill
Scale: 1" = 800'

Measure C Road Rehabilitation Project 2016
Project Area Quantities

ADD-ALTERNATE #1			
Bid Item	Item Description	Elliott, Clark to Sawmill	Unit of Measure
1	Type III Microsurfacing	13872	SY
2	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	4802	LF
3	Thermoplastic Striping, Detail 27b/27c - Edge Line	9064	LF
4	Thermoplastic Markings, White	0	EA
5	Thermoplastic Markings, "STOP" Legend (22 SF)	0	EA

LEGEND

-  Type III Micro-Surface Area
-  Recessed Markers Only
-  Type III Micro-Surface Area (Add-Alternate #1)



1. MELENE CT
2. MOUNTAIN MEADOW CT
3. DAWN RIDGE CT



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Measure C Road Rehabilitation Project 2016

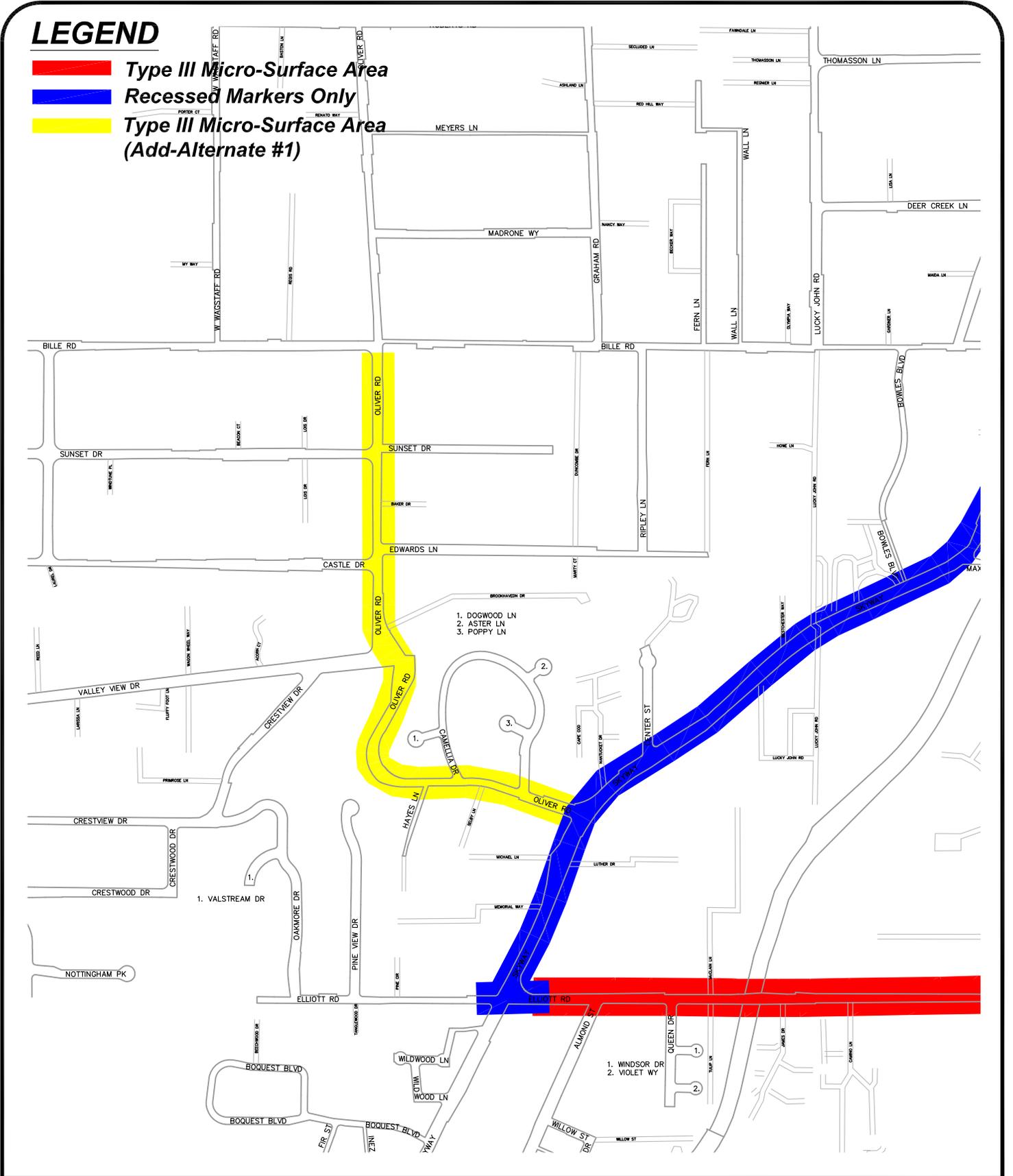
Wagstaff, Clark to Pentz
Scale: 1" = 800'

Measure C Road Rehabilitation Project 2016
Project Area Quantities

ADD-ALTERNATE #1			
Bid Item	Item Description	Wagstaff, Clark to Pentz	Unit of Measure
1	Type III Microsurfacing	8339	SY
2	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	2887	LF
3	Thermoplastic Striping, Detail 27b/27c - Edge Line	5774	LF
4	Thermoplastic Markings, White	0	EA
5	Thermoplastic Markings, "STOP" Legend (22 SF)	0	EA

LEGEND

-  Type III Micro-Surface Area
-  Recessed Markers Only
-  Type III Micro-Surface Area (Add-Alternate #1)



TOWN OF PARADISE PUBLIC WORKS DEPARTMENT

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**Measure C Road
Rehabilitation Project 2016**
Oliver, Skyway to Bille
Scale: 1" = 800'

Measure C Road Rehabilitation Project 2016
Project Area Quantities

ADD-ALTERNATE #1			
Bid Item	Item Description	Oliver, Skyway to Bille	Unit of Measure
1	Type III Microsurfacing	12045	SY
2	Thermoplastic Striping & Recessed Markers, Detail 22 - Centerline	3872	LF
3	Thermoplastic Striping, Detail 27b/27c - Edge Line	7744	LF
4	Thermoplastic Markings, White	30	EA
5	Thermoplastic Markings, "STOP" Legend (22 SF)	1	EA