

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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www.dot.ca.gov/hq/esc/oe



*Serious Drought.
Help save water!*

December 23, 2015

04-SCI-101-16.0 to 27.9

04-1J6304

Project ID 0414000303

ACNHP-Q101(283)E

Addendum No. 4

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SANTA CLARA COUNTY IN MORGAN HILL AND SAN JOSE FROM EAST DUNNE AVENUE TO 0.9 MILE NORTH OF SILICON VALLEY BOULEVARD to revise the project plans, the *Notice to Bidders and Special Provisions*, the *Bid* book and the Federal Minimum Wages with Modification Number 28 dated December 18, 2015.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on Tuesday, January 12, 2016.

Project plan sheets 1, 2, 3, 4, 5, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 81, 82, 83, 85, 88, 91, 93, 95, 98, 99, 102, 105, 106, 177, 178 and 179 are replaced and attached for substitution for the like-numbered sheets.

Project plan sheets 106A, 180A, 231A, 236A, 239A, 239B, 239C, 239D and 245A are added and attached for addition to the project plans.

In the Notice to Bidders and Special Provisions and the Bid book, the Project ID is replaced as follows:

"Project ID 0414000303"

In the Notice to bidders, the following paragraph is added after the ninth paragraph:

"For Federal Training program, the number of trainees or apprentices is 5."

In the Special Provisions, Section 2-1.06B, is replaced as attached.

In the Special Provisions, Section 5-1.20A, is replaced as attached.

In the Special Provisions, Section 9-1.16C, is replaced as attached.

In the Special Provisions, Section 12-3.13A(1), the second paragraph is deleted.

In the Special Provisions, Section 12-4.04 is replaced as attached.

In the Special Provisions, Section 12-4.05B, is added as attached.

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December 23, 2015

04-SCI-101-16.0 to 27.9
04-1J6304
Project ID 0414000303
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In the Special Provisions, Section 12-4.05D, is added as attached.

In the Special Provisions, Section 12-4.05E, is added as attached.

In the Special Provisions, Section 12-5.04, the first and second paragraphs are deleted.

In the Special Provisions, Section 19-1.01A, the second paragraph is deleted.

In the Special Provisions, Section 39-2.01A, is deleted.

In the Special Provisions, Section 39-3, is replaced as attached.

In the Special Provisions, Section 40-1.02C(2), is deleted.

In the Special Provisions, Section 40-1.02C(3), is deleted.

In the Special Provisions, Section 86-1.03, is replaced as attached.

In the *Bid* book, in the "Bid Item List," Items 6, 8, 9, 26, 27 and 29 are replaced.

In the *Bid* book, in the "Bid Item List," Items 68, 69, 70, 71, 72 and 73 are added.

In the *Bid* book, in the "Bid Item List," Items 43, 44 and 67 are deleted.

To *Bid* book holders:

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the *Notice to Bidders* section of the *Notice to Bidders and Special Provisions*.

Submit the *Bid* book as described in the *Electronic Bidding Guide* at the Bidders' Exchange website.

http://www.dot.ca.gov/hq/esc/oe/electronic_bidding/electronic_bidding.html

Inform subcontractors and suppliers as necessary.

This addendum, EBS addendum file, attachments and the modified wage rates are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/04/04-1J6304

If you are not a *Bid* book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,



BIJAN SARTIPI
District Director

Attachments

Add to section 2-1.06B:

The Department makes the following supplemental project information available:

Supplemental Project Information

Means	Description
Included in the <i>Information Handout</i>	1. Letter of Concurrence (LOC) from U.S. Fish and Wildlife Service issued on March 17, 2015, Document number 08ESMF00-2014-I-0672-1. 2. Materials Recommendation dated Nov 18, 2014
Available as specified in the <i>Standard Specifications</i>	Bridge as-built drawings

Add to section 5-1.20A:

During the progress of the work under this Contract, work under the following contracts may be in progress at or near the job site of this Contract:

Coincident or Adjacent Contracts

Contract no.	County–Route–Post Mile	Location	Type of work
153304	SCL-101-PM 26.7	Near Edenvale, from San Benito County line to Route 85.	Install ramp metering and Traffic Operating system
4G9504	SCL-101-PM 17.8	In Santa Clara, San Mateo and San Francisco Counties, on various routes, various locations.	Upgrade Pump Station
4H0004	SCL-101-PM 28.5	Near San Jose, from Blossom Hill Road to Trimble Road at various locations.	Pave beyond gore areas
2J1704	SCL-101-PM-VAR	In Santa Clara at Various Route (17,85,87,101,237,280,680,880).	Upgrade Overhead & Roadside Signs

Add to section 9-1.16C:

The following items are eligible for progress payment even if they are not incorporated into the work:

1. Reinforcement
2. Edge Drain Pipe
3. Edge Drain Outlet
4. Pavement Markers
5. Midwest Guardrail System
6. Transition Railing (Type WB-31)
7. Geosynthetic Pavement Interlayer

Replace "Reserved" in section 12-4.04 with:

Lane Closure Restriction for Designated Holidays and Special Days										
Thu	Fri	Sat	Sun	Mon	Tues	Wed	Thu	Fri	Sat	Sun
x	H xx	xx	xx							
	SD xx									
x	xx	H xx	xx							
		SD xx								
	x	xx	H xx	xxx						
			SD xx							
		x	xx	H xx	xxx					
		x	xx	SD xx	xxx					
				x	H xx					
				x	SD xx					
					x	H xx				
						SD xx				
						x	H xx	xx	xx	xx
							SD xx			

Legend:

	Refer to lane requirement charts
x	The full width of the traveled way must be open for use by traffic after 5:00 AM.
xx	The full width of the traveled way must be open for use by traffic.
xxx	The full width of the traveled way must be open for use by traffic until 8:00 PM.
H	Designated holiday
SD	Special day

Replace "Reserved" in section 12-4.05B with:

Chart no. 1 Freeway Lane Requirements																									
County: SCL					Route/Direction: 101/NB										PM: 16.0/27.6										
Closure limits: From East Dunne Ave I/C to 0.6 mile north of Silicon Valley Blvd.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	1	1	1	1	2							3	3	3	3						3	2	2	2	1
Fri	1	1	1	1	2															3	3	2	2	2	
Sat	1	1	1	1	1	2	2	3	3	3											3	3	2	2	
Sun	1	1	1	1	1	1	1	2	2	3											3	3	2	1	

Legend:

1 Provide at least 1 through freeway lane open in direction of travel

2 Provide at least 2 adjacent through freeway lanes open in direction of travel

3 Provide at least 3 adjacent through freeway lanes open in direction of travel

Work allowed within the highway where shoulder or lane closure is not required

REMARKS:

Chart no. 2 Freeway Lane Requirements																									
County: SCL					Route/Direction: 101/SB										PM: 16.0/27.6										
Closure limits: From East Dunne Ave I/C to 0.6 mile north of Silicon Valley Blvd.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	1	1	1	1	1																	3	2	2	1
Fri	1	1	1	1	1																	3	3	3	2
Sat	1	1	1	1	1	1	2	3	3										3	3	3	3	2	2	
Sun	1	1	1	1	1	1	1	2	2	3									3	3	3	2	2	2	

Legend:

1 Provide at least 1 through freeway lane open in direction of travel

2 Provide at least 2 adjacent through freeway lanes open in direction of travel

3 Provide at least 3 adjacent through freeway lanes open in direction of travel

Work allowed within the highway where shoulder or lane closure is not required

REMARKS:

Replace "Reserved" in section 12-4.05D with:

Chart no. 3																									
Complete Connector Closure Hours																									
County: SCL					Route/Direction: 101/NB										PM: 26.2										
Closure limits: On the Off-ramp to NB Route 85.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C						C	C	C	C						C	C	C	C	C	
Fri	C	C	C	C	C						C	C	C	C							C	C	C	C	
Sat	C	C	C	C	C	C	C	C	C	C	C										C	C	C	C	
Sun	C	C	C	C	C	C	C	C	C	C	C										C	C	C	C	

Legend:

C Connector may be closed completely

Work allowed within the highway where shoulder or lane closure is not required

REMARKS: See Detour Plan #12

Chart no. 4																									
Complete Connector Closure Hours																									
County: SCL					Route/Direction: 101/NB										PM: 26.2										
Closure limits: On the HOV Bypass Connector Off-ramp to NB Route 85.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C						C	C	C	C						C	C	C	C	C	
Fri	C	C	C	C	C						C	C	C	C							C	C	C	C	
Sat	C	C	C	C	C	C	C	C	C	C	C										C	C	C	C	
Sun	C	C	C	C	C	C	C	C	C	C	C										C	C	C	C	

Legend:

C Connector may be closed completely

Work allowed within the highway where shoulder or lane closure is not required

REMARKS: See Detour Plan #13

Chart no. 5 Complete Connector Closure Hours																									
County: SCL										Route/Direction: 101/SB										PM: 26.7					
Closure limits: On the On-ramp from SB Route 85/Bernal Rd.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C						C	C	C	C	C							C	C	C	C
Fri	C	C	C	C	C																	C	C	C	C
Sat	C	C	C	C	C	C	C	C	C											C	C	C	C	C	C
Sun	C	C	C	C	C	C	C	C	C	C									C	C	C	C	C	C	C
Legend:																									
<input type="checkbox"/> C Connector may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: See Detour Plan #16																									

Chart no. 6 Complete Connector Closure Hours																									
County: SCL										Route/Direction: 101/SB										PM: 27.5					
Closure limits: On the Off-ramp to NB Route 85.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C																	C	C	C	C
Fri	C	C	C	C	C																	C	C	C	C
Sat	C	C	C	C	C	C	C	C	C	C												C	C	C	C
Sun	C	C	C	C	C	C	C	C	C	C												C	C	C	C
Legend:																									
<input type="checkbox"/> C Connector may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: See Detour Plan #17																									

Chart no. 7 Complete Connector Closure Hours																									
County: SCL					Route/Direction: 101/SB					PM: 26.7															
Closure limits: On the HOV Bypass Connector On-ramp from SB Route 85.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C					C	C	C	C	C								C	C	C	C
Fri	C	C	C	C	C					C	C	C	C									C	C	C	C
Sat	C	C	C	C	C	C	C	C	C	C								C	C	C	C	C	C	C	C
Sun	C	C	C	C	C	C	C	C	C	C	C	C			C	C	C	C	C	C	C	C	C	C	C

Legend:

C Connector may be closed completely

Work allowed within the highway where shoulder or lane closure is not required

REMARKS: See Detour Plan #18

Replace "Reserved" in section 12-4.05E with:

Chart no. 8 Complete Ramp Closure Hours																									
County: SCL							Route/Direction: 101/NB							PM: 15.7											
Closure limits: On the Off-ramp to E. Dunne Ave.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C				C	C	C	C	C	C				C	C	C	C	C	C	C
Fri	C	C	C	C	C	C				C	C	C							C	C	C	C	C	C	C
Sat	C	C	C	C	C	C	C	C	C	C	C								C	C	C	C	C	C	C
Sun	C	C	C	C	C	C	C	C	C	C	C	C				C	C	C	C	C	C	C	C	C	C

Legend:

Ramp may be closed completely

Work allowed within the highway where shoulder or lane closure is not required

REMARKS: Traffic detoured to the next off-ramp.

Chart no. 9 Complete Ramp Closure Hours																									
County: SCL							Route/Direction: 101/NB							PM: 16.2											
Closure limits: On the On-ramp from EB E. Dunne Ave.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C				C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Fri	C	C	C	C	C	C				C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Sat	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Sun	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C

Legend:

Ramp may be closed completely

Work allowed within the highway where shoulder or lane closure is not required

REMARKS: See Detour Plan #1.

Chart no. 10 Complete Ramp Closure Hours																									
County: SCL							Route/Direction: 101/NB							PM: 16.2											
Closure limits: On the On-ramp from WB E. Dunne Ave.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C					C	C	C	C	C					C	C	C	C	C	
Fri	C	C	C	C	C	C					C	C	C	C	C					C	C	C	C	C	
Sat	C	C	C	C	C	C	C	C	C	C											C	C	C	C	
Sun	C	C	C	C	C	C	C	C	C	C						C	C	C	C	C	C	C	C	C	

Legend:

Ramp may be closed completely

Work allowed within the highway where shoulder or lane closure is not required

REMARKS: See Detour Plan #2

Chart no. 11 Complete Ramp Closure Hours																									
County: SCL							Route/Direction: 101/SB							PM: 15.9											
Closure limits: On the On-ramp from E. Dunne Ave.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C	C	C														C	C	C	C
Fri	C	C	C	C	C	C	C	C														C	C	C	C
Sat	C	C	C	C	C	C	C	C	C										C	C	C	C	C	C	
Sun	C	C	C	C	C	C	C	C	C	C											C	C	C	C	

Legend:

Ramp may be closed completely

Work allowed within the highway where shoulder or lane closure is not required

REMARKS: See Detour Plan #3

Chart no. 12 Complete Ramp Closure Hours																									
County: SCL							Route/Direction: 101/SB							PM: 16.3											
Closure limits: On the Off-ramp to E. Dunne Ave.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C	C	C	C	C	C	C											C	C	C
Fri	C	C	C	C	C	C	C	C	C	C	C												C	C	C
Sat	C	C	C	C	C	C	C	C	C													C	C	C	C
Sun	C	C	C	C	C	C	C	C	C	C										C	C	C	C	C	C
Legend:																									
<input type="checkbox"/> Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: Traffic detoured to the next off-ramp.																									

Chart no. 13 Complete Ramp Closure Hours																									
County: SCL							Route/Direction: 101/NB							PM: 17.5											
Closure limits: On the Off-ramp to Cochrane Rd.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C	C														C	C	C	C	C
Fri	C	C	C	C	C	C	C														C	C	C	C	C
Sat	C	C	C	C	C	C	C	C	C	C											C	C	C	C	C
Sun	C	C	C	C	C	C	C	C	C	C	C	C			C	C	C	C	C	C	C	C	C	C	C
Legend:																									
<input type="checkbox"/> Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: Traffic detoured to the next off-ramp.																									

Chart no. 14 Complete Ramp Closure Hours																									
County: SCL							Route/Direction: 101/NB							PM: 17.8											
Closure limits: On the On-ramp from EB Cochrane Rd.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C					C	C	C	C	C					C	C	C	C	C	C	
Fri	C	C	C	C	C					C	C	C	C	C					C	C	C	C	C	C	
Sat	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Sun	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Legend:																									
<input type="checkbox"/> Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: See Detour Plan #4																									

Chart no. 15 Complete Ramp Closure Hours																									
County: SCL							Route/Direction: 101/NB							PM: 18.0											
Closure limits: On the On-ramp from WB Cochrane Rd.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C					C	C	C	C	C	C							C	C	C	C
Fri	C	C	C	C	C					C	C	C	C	C	C							C	C	C	C
Sat	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Sun	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Legend:																									
<input type="checkbox"/> Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: See Detour Plan #5																									

Chart no. 16																									
Complete Ramp Closure Hours																									
County: SCL										Route/Direction: 101/SB										PM: 17.6					
Closure limits: On the On-ramp from EB Cochrane Rd.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C	C	C	C	C												C	C	C	C
Fri	C	C	C	C	C	C	C	C	C	C													C	C	C
Sat	C	C	C	C	C	C	C	C	C	C											C	C	C	C	C
Sun	C	C	C	C	C	C	C	C	C	C	C										C	C	C	C	C
Legend:																									
<input type="checkbox"/> Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: See Detour Plan #6																									

Chart no. 17																									
Complete Ramp Closure Hours																									
County: SCL										Route/Direction: 101/SB										PM: 17.9					
Closure limits: On the On-ramp from WB Cochrane Rd.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C				C	C	C	C	C	C	C
Fri	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C				C	C	C	C	C	C	C
Sat	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Sun	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Legend:																									
<input type="checkbox"/> Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: See Detour Plan #7																									

Chart no. 18 Complete Ramp Closure Hours																									
County: SCL							Route/Direction: 101/SB							PM: 18.1											
Closure limits: On the Off-ramp to Cochrane Rd.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C	C																C	C	C
Fri	C	C	C	C	C	C	C																C	C	C
Sat	C	C	C	C	C	C	C	C	C	C											C	C	C	C	C
Sun	C	C	C	C	C	C	C	C	C	C	C										C	C	C	C	C
Legend:																									
<input type="checkbox"/> C Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: Traffic detoured to the next off-ramp.																									

Chart no. 19 Complete Ramp Closure Hours																									
County: SCL							Route/Direction: 101/NB							PM: 21.0											
Closure limits: On the Off-ramp to Coyote Creek Golf Drive.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	
Fri	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	
Sat	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	
Sun	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	
Legend:																									
<input type="checkbox"/> C Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: Traffic detoured to the next off-ramp.																									

Chart no. 20																									
Complete Ramp Closure Hours																									
County: SCL							Route/Direction: 101/NB							PM: 21.5											
Closure limits: On the On-ramp from Coyote Creek Golf Drive.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C				C	C	C	C	C	C
Fri	C	C	C	C	C	C	C	C	C	C	C	C	C	C					C	C	C	C	C	C	C
Sat	C	C	C	C	C	C	C	C	C	C	C					C	C	C	C	C	C	C	C	C	C
Sun	C	C	C	C	C	C	C	C	C	C	C	C			C	C	C	C	C	C	C	C	C	C	C
Legend:																									
<input type="checkbox"/> C Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: See Detour Plan #8																									

Chart no. 21																									
Complete Ramp Closure Hours																									
County: SCL							Route/Direction: 101/SB							PM: 21.0											
Closure limits: On the On-ramp from Coyote Creek Golf Drive.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	C
Fri	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	C
Sat	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	C
Sun	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	C
Legend:																									
<input type="checkbox"/> C Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: See Detour Plan #9																									

Chart no. 22																									
Complete Ramp Closure Hours																									
County: SCL							Route/Direction: 101/SB							PM: 21.5											
Closure limits: On the Off-ramp to Coyote Creek Golf Drive.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C			C	C	C	C	C	C	C
Fri	C	C	C	C	C	C	C	C	C	C	C	C	C	C					C	C	C	C	C	C	C
Sat	C	C	C	C	C	C	C	C	C	C	C					C	C	C	C	C	C	C	C	C	C
Sun	C	C	C	C	C	C	C	C	C	C	C	C			C	C	C	C	C	C	C	C	C	C	C
Legend:																									
<input type="checkbox"/> Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: Traffic detoured to the next off-ramp.																									

Chart no. 23																									
Complete Ramp Closure Hours																									
County: SCL							Route/Direction: 101/NB							PM: 23.1											
Closure limits: On the Off-ramp to Bailey Ave.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C	C			C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Fri	C	C	C	C	C	C	C			C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Sat	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Sun	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Legend:																									
<input type="checkbox"/> Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: See Detour Plan #9A																									

Chart no. 24																									
Complete Ramp Closure Hours																									
County: SCL							Route/Direction: 101/NB							PM: 23.3											
Closure limits: On the On-ramp from Bailey Ave.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C	C			C	C	C	C	C	C	C				C	C	C	C	C	
Fri	C	C	C	C	C	C	C			C	C	C	C	C	C	C				C	C	C	C	C	
Sat	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Sun	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Legend:																									
<input type="checkbox"/> Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: See Detour Plan #10																									

Chart no. 25																									
Complete Ramp Closure Hours																									
County: SCL							Route/Direction: 101/SB							PM: 23.3											
Closure limits: On the On-ramp from Bailey Ave.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	
Fri	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	
Sat	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	
Sun	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	
Legend:																									
<input type="checkbox"/> Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: See Detour Plan #11																									

Chart no. 26 Complete Ramp Closure Hours																									
County: SCL							Route/Direction: 101/SB							PM: 23.6											
Closure limits: On the Off-ramp to Bailey Ave.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C			C	C	C	C	C	C	C
Fri	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C				C	C	C	C	C	C	C
Sat	C	C	C	C	C	C	C	C	C	C	C				C	C	C	C	C	C	C	C	C	C	C
Sun	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Legend:																									
<input type="checkbox"/> C Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: Traffic detoured to the next off-ramp.																									

Chart no. 27 Complete Ramp Closure Hours																									
County: SCL							Route/Direction: 101/NB							PM: 26.9											
Closure limits: On the Off-ramp to Bernal Rd.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C	C			C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Fri	C	C	C	C	C	C	C			C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Sat	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Sun	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Legend:																									
<input type="checkbox"/> C Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: Traffic detoured to the next off-ramp.																									

Chart no. 28 Complete Ramp Closure Hours																									
County: SCL										Route/Direction: 101/NB										PM: 27.0					
Closure limits: On the On-ramp from NB Bernal Rd.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C					C	C	C	C	C						C	C	C	C	C	
Fri	C	C	C	C	C					C	C	C	C	C						C	C	C	C	C	
Sat	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Sun	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Legend:																									
<input type="checkbox"/> C Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: See Detour Plan #14																									

Chart no. 29 Complete Ramp Closure Hours																									
County: SCL										Route/Direction: 101/NB										PM: 27.2					
Closure limits: On the On-ramp from Silicon Valley Blvd.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C					C	C	C	C	C	C					C	C	C	C	C	
Fri	C	C	C	C	C					C	C	C	C	C	C					C	C	C	C	C	
Sat	C	C	C	C	C	C	C	C	C	C	C			C	C	C	C	C	C	C	C	C	C	C	
Sun	C	C	C	C	C	C	C	C	C	C						C	C	C	C	C	C	C	C	C	
Legend:																									
<input type="checkbox"/> C Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: See Detour Plan #15																									

**Chart no. 30
Complete Ramp Closure Hours**

County: SCL		Route/Direction: 101/SB										PM: 27.2													
Closure limits: On the Off-ramp to Bernal Rd.																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C	C															C	C	C	C
Fri	C	C	C	C	C	C	C															C	C	C	C
Sat	C	C	C	C	C	C	C	C	C	C	C	C						C	C	C	C	C	C	C	C
Sun	C	C	C	C	C	C	C	C	C	C	C	C					C	C	C	C	C	C	C	C	C
Legend:																									
<input type="checkbox"/> Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: Traffic detoured to the next off-ramp.																									

Replace the 2nd paragraph in section 39-3.01A of the RSS for section 39 with:

You must produce RHMA-G using an authorized warm mix asphalt technology, except the water injection technology is not allowed.

Replace the row for "Hamburg wheel track" in the table in section 39-3.02B of the RSS for section 39 with:

Hamburg wheel track (min number of passes at the inflection point)	AASHTO T 324 (Modified) ^d	
Binder grade:		
PG 58		10,000
PG 64		12,500
PG 70		15,000

Add to section 39-3.02C(1) of the RSS for section 39:

The grade of asphalt binder for RHMA-G must be PG 64-16.

Replace the paragraphs of section 39-3.03 of the RSS for section 39 with:

Use a material transfer vehicle when placing RHMA-G.

Do not use a pneumatic tired roller to compact RHMA-G.

Spread and compact RHMA-G at an atmospheric temperature of at least 50 degrees F and a surface temperature of at least 50 degrees F.

If the atmospheric temperature is below 60 degrees F, cover loads in trucks with tarps. If the time for HMA discharge to truck at the HMA plant until transfer to paver's hopper is 90 minutes or greater and if the atmospheric temperature is below 70 degrees F, cover loads in trucks with tarps. The tarps must completely cover the exposed load until you transfer the mixture to the paver's hopper or to the pavement surface. Tarps are not required if the time from discharging to the truck until transfer to the paver's hopper or the pavement surface is less than 30 minutes.

For RHMA-G placed under method compaction:

1. Only spread and compact if the atmospheric temperature is at least 50 degrees F and the surface temperature is at least 50 degrees F
2. Complete the 1st coverage of breakdown compaction before the surface temperature drops below 260 degrees F
3. Complete breakdown and intermediate compaction before the surface temperature drops below 230 degrees F
4. Complete finish compaction before the surface temperature drops below 180 degrees F

Spread sand at a rate between 1 and 2 lb/sq yd on new RHMA-G pavement when finish rolling is complete. Sand must be free of clay or organic matter. Sand must comply with section 90-1.02C(3). Keep traffic off the pavement until spreading sand is complete.

Add to the list in the 5th paragraph of the RSS for section 86-1.03:

14. WMVDS vehicle sensor nodes

**BID ITEM LIST
04-1J6304**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070030	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
2	080050	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	LUMP SUM	LUMP SUM	
3	090105	TIME-RELATED OVERHEAD (LS)	LS	LUMP SUM	LUMP SUM	
4	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
5	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
6	120165	CHANNELIZER (SURFACE MOUNTED)	EA	66		
7	128652	PORTABLE CHANGEABLE MESSAGE SIGN (LS)	LS	LUMP SUM	LUMP SUM	
8	129000	TEMPORARY RAILING (TYPE K)	LF	760		
9	129100	TEMPORARY CRASH CUSHION MODULE	EA	84		
10	130100	JOB SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
11	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
12	130330	STORM WATER ANNUAL REPORT	EA	2	2,000.00	4,000.00
13	130570	TEMPORARY COVER	SQYD	10,000		
14	130620	TEMPORARY DRAINAGE INLET PROTECTION	EA	300		
15	130640	TEMPORARY FIBER ROLL	LF	3,200		
16	130710	TEMPORARY CONSTRUCTION ENTRANCE	EA	2		
17	130730	STREET SWEEPING	LS	LUMP SUM	LUMP SUM	
18	130900	TEMPORARY CONCRETE WASHOUT	LS	LUMP SUM	LUMP SUM	
19	141000	TEMPORARY FENCE (TYPE ESA)	LF	13,200		
20	141120	TREATED WOOD WASTE	LB	53,400		

**BID ITEM LIST
04-1J6304**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	150661	REMOVE GUARDRAIL	LF	2,650		
22	150771	REMOVE ASPHALT CONCRETE DIKE	LF	2,070		
23	030175	COLD PLANE ASPHALT CONCRETE PAVEMENT (0.15')	SQYD	174,000		
24	030176	COLD PLANE ASPHALT CONCRETE PAVEMENT (0.25')	SQYD	303,000		
25	030177	COLD PLANE ASPHALT CONCRETE PAVEMENT (0.35')	SQYD	57,600		
26	190101	ROADWAY EXCAVATION	CY	3,570		
27	290201	ASPHALT TREATED PERMEABLE BASE	CY	860		
28	360200	BASE BOND BREAKER	SQYD	6,700		
29	390132	HOT MIX ASPHALT (TYPE A)	TON	31,900		
30	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	54,100		
31	393005	GEOSYNTHETIC PAVEMENT INTERLAYER (PAVING MAT)	SQYD	361,000		
32	394053	SHOULDER RUMBLE STRIP (HMA,GROUND-IN INDENTATIONS)	STA	1,110		
33	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)	LF	38		
34	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	980		
35	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	390		
36	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	670		
37	397005	TACK COAT	TON	320		
38	401083	SHOULDER RUMBLE STRIP (CONCRETE PAVEMENT, GROUND-IN INDENTATIONS)	STA	1,170		
39	410096	DRILL AND BOND (DOWEL BAR)	EA	5,580		
40	410120	SPALL REPAIR (POLYESTER CONCRETE)	SQYD	360		

**BID ITEM LIST
04-1J6304**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	411105	INDIVIDUAL SLAB REPLACEMENT (RSC)	CY	2,680		
42	420201	GRIND EXISTING CONCRETE PAVEMENT	SQYD	10,800		
43	BLANK					
44	BLANK					
45	820134	OBJECT MARKER (TYPE P)	EA	6		
46	820151	OBJECT MARKER (TYPE L-1)	EA	20		
47	832005	MIDWEST GUARDRAIL SYSTEM	LF	2,420		
48	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	1,920		
49	839543	TRANSITION RAILING (TYPE WB-31)	EA	6		
50	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	16		
51	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	1		
52	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	19		
53	045141	CONCRETE BARRIER (TRANSITION)	LF	43		
54	840516	THERMOPLASTIC PAVEMENT MARKING (ENHANCED WET NIGHT VISIBILITY)	SQFT	2,860		
55	030178	4" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 34-14)	LF	343,000		
56	030179	4" TRAFFIC STRIPE (BLACK PAINT)	LF	118,000		
57	030180	4" TRAFFIC STRIPE (BLACK PAINT, BROKEN)	LF	211,000		
58	846001	4" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	LF	251,000		
59	846004	4" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 17-7)	LF	5,170		
60	846005	4" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 36-12)	LF	22,800		

**BID ITEM LIST
04-1J6304**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	846009	8" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	LF	21,400		
62	846010	8" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 12-3)	LF	2,730		
63	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	29,800		
64	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	11,600		
65	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
66	030181	MODIFY INDUCTIVE LOOP DETECTOR	LS	LUMP SUM	LUMP SUM	
67	BLANK					
68	260203	CLASS 2 AGGREGATE BASE (CY)	CY	31		
69	390011	PREPAVING INERTIAL PROFILER	LS	LUMP SUM	LUMP SUM	
70	390020	PREPAVING GRINDING DAY	EA	5		
71	681103	3" PLASTIC PIPE (EDGE DRAIN)	LF	88,000		
72	681107	3" PLASTICE PIPE (EDGE DRAIN OUTLET)	LF	4,000		
73	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID

FOR BID ITEMS:

\$

TOTAL BID

FOR TIME:

$$\frac{\text{WORKING DAYS BID (Not to exceed 250 Days)}}{\text{COST PER DAY}} \times \$4,400.00 = \$$$

TOTAL BID FOR COMPARISON (COST PLUS TIME):

\$