

**NOTES**

1. CONTRACTOR SHALL RAISE SLIP CAN TO GRADE AFTER STREET IS PAVED, WHERE PAVING IS PROPOSED.
2. IN UNPAVED AREAS, CONTRACTOR SHALL LEAVE CAP AND SLIP CAN 18" BELOW FINISHED GRADE. (I.E. GRADED SHOULDERS)
3. IN NEW SUBDIVISIONS WHERE IT IS SPECIFICALLY GIVEN TO OTHERS (AS SPECIFIED) TO RAISE CAP AND CAN TO FINISH GRADE UPON COMPLETION OF PAVING. WATER CONTRACTOR SHALL FURNISH STEM EXTENSION, SLIP CAN AND CAP TO DISTRICT STORAGE YARD, AND LEAVE VALVE CANS PROPERLY COVERED WITH 2"x8"x8" REDWOOD PLATE.
4. SET TOP OF TRAFFIC COVER SUFFICIENTLY BELOW ROUGH GRADED SUB-GRADE TO AVOID DAMAGE DURING FINE GRADING AND SCARIFYING OPERATION.
5. DOMESTIC WATER INSTALLATION VALVE CAP TO BE PAINTED SAFETY PRECAUTION BLUE ENAMEL AND PRIMER, AS APPROVED, AND MARKED "WATER". RECYCLED WATER INSTALLATIONS VALVE CAP LID TO BE PAINTED PURPLE AND MARKED "RECLAIMED".

REVISIONS					APPROVALS			
NO.	DATE	INITIAL	DESCRIPTION	APP'D	DATE	DESIGN	INITIAL	DATE



**EASTERN MUNICIPAL WATER DISTRICT  
STANDARD DRAWING**

**VALVE CAP & RISER DETAIL**

REFERENCES: SUPERCEDES A-492 & PA-2  
FILE I.D.: \\aual\eng\std dwgs\B-668.dgn

SCALE: NONE  
DRAWN BY: GS

RECOMMENDED: *Joe Wilmowald* 11/10/2013  
DIRECTOR OF ENGINEERING DATE

APPROVED: *Charlie Buchmann* 11/12/2013  
ASSISTANT GENERAL MANGER DATE

**B-668**

**EMWD DETAILED PROVISIONS**

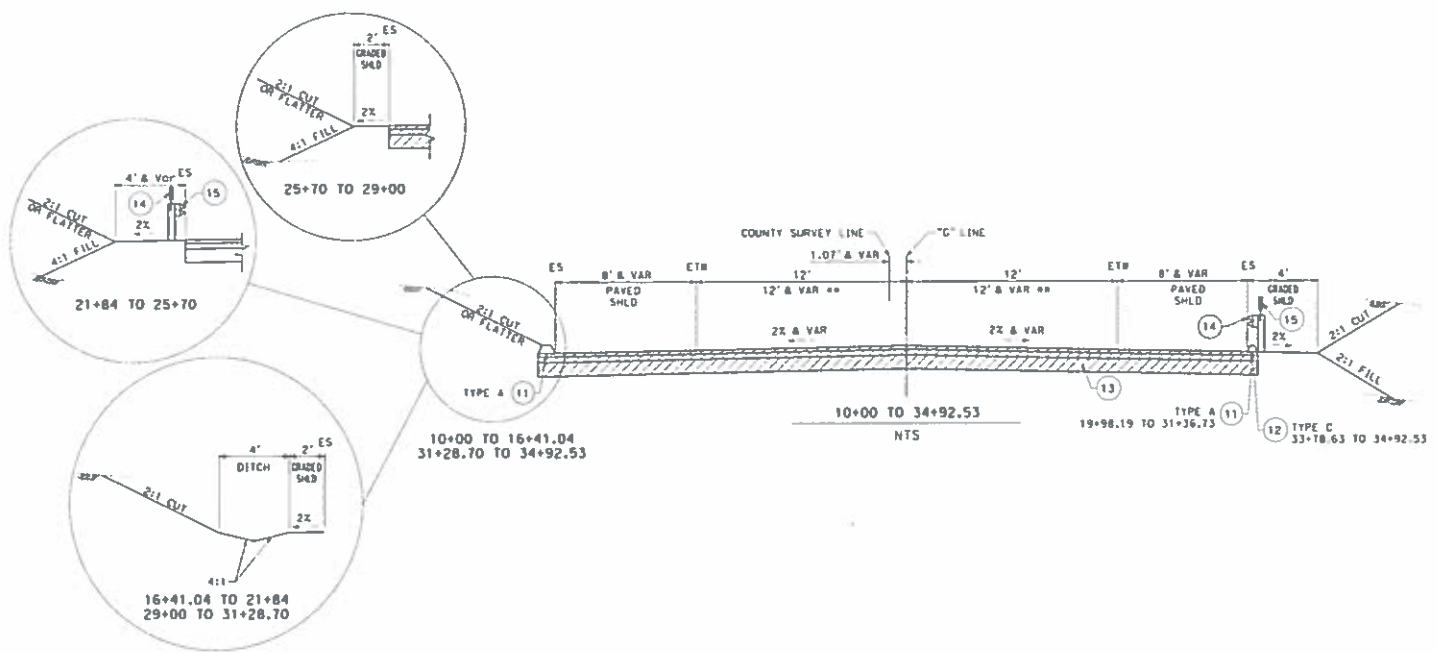
EMWD General Conditions are hereby attached by reference: See following website: <http://www.emwd.org/construction/capital-improvement-project-standards/emwd-standard-detailed-provisions> to download.

02221	Trenching, Backfilling, and Compacting	1 thru 10
09900	Painting and Protective Coatings	1 thru 28

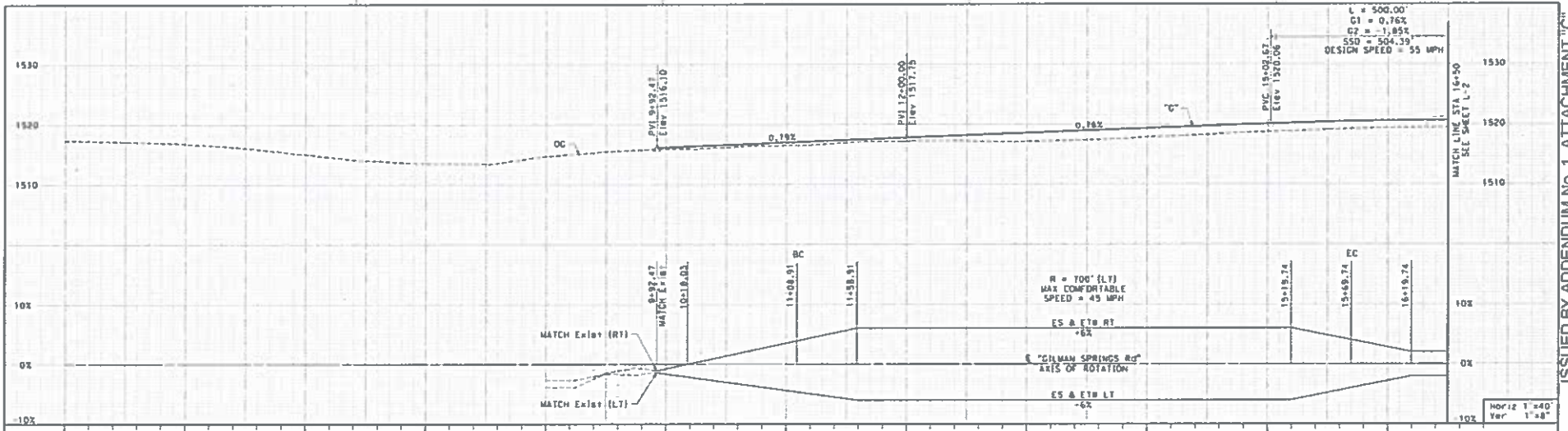
EMWD Appendix "A", Approved Materials List is hereby attached by reference: See following website:

<http://www.emwd.org/home/showdocument?id=756> to download

- CONSTRUCTION NOTES**
- 1 PROTECT IN PLACE
  - 2 REMOVE BY UTILITY COMPANY
  - 3 REMOVE BY CONTRACTOR
  - 4 RELOCATE
  - 5 INSTALL BY OTHERS
  - 6 ADJUST VALVE CAN TO FINISH GRADE
  - 7 SLURRY BACKFILL, SEE DETAIL SH1 C-1, DET 5
  - 8 CONSTRUCT 18" SWING GATE PER RCFCO STD DNG NO M820
  - 9 ABANDONED IN PLACE
  - 10 HEADER GRIND 0.12", OVERLAY WITH ASPHALT RUBBERIZED HOT MIX (ARHM) SEE DETAIL SH1 C-1, DET 6
  - 11 CONSTRUCT HMA DIKE TYPE "A" PER CALTRANS RSP A81B
  - 12 CONSTRUCT HMA DIKE TYPE "C" PER CALTRANS RSP A81B
  - 13 CONSTRUCT 2" RUBBERIZED HOT MIX ASPHALT (HOT MIX) ON 4" HMA ON 1" CLASS 2 AGGREGATE BASE OVER COMPACTED SUBGRADE
  - 14 INSTALL MIDWEST GUARDRAIL SYSTEM (MCS) PER CALTRANS RSP AT7L1
  - 15 FURNISH AND INSTALL MIDWEST DELINEATOR (CLASS 1) FOR EVERY FOURTH (4) MCS POST PER CALTRANS RSP AT7H4
  - 16 INSTALL CALTRANS APPROVED 31" FLARED TERMINAL SYSTEM END TREATMENT PER CALTRANS RSP AT7P1
  - 17 INSTALL CALTRANS END ANCHOR ASSEMBLY MIDWEST GUARDRAIL SYSTEM (TYPE SFT) PER CALTRANS RSP AT7S1
  - 20 REMOVE EXIST CALVERT AND CONSTRUCT 48" RCP (D-LOAD 2000)
  - 21 CONSTRUCT HEADBALL PER 2010 CALTRANS STD PLAN D90
  - 22 CONSTRUCT HEADBALL AND RINGWALL PER CALTRANS STD PLAN D90
  - 23 RECONSTRUCT DROP INLET AND OUTLET DEPRESSION PER CALTRANS STD PLAN D74B AND D76C
  - 36 CONSTRUCT ROCK SLOPE PROTECTION SEE CONSTRUCTION SEE SH1 C-1, DET 4
  - 37 CONSTRUCT HMA OVERSIDE DRAIN PER CALTRANS RSP D87D
  - 38 INSTALL GUARD AND MARKER POSTS PER EMD STD DNG B-66S
  - 40 TEMPORARY FIBER ROLL PER CALTRANS STD PLAN T56
  - 41 TEMPORARY ESA FENCE PER CALTRANS STD PLAN T65
  - 45 EROSION CONTROL (HYDROSEEDING)



ACCOM	TYPICAL CROSS SECTIONS	SHEET No.
<p>APPROVED BY:</p> <p>RENEE L. FIMEL</p> <p>1/9/2016</p> <p>DATE</p> <p>PREPARED BY:</p> <p>ACCOM</p> <p>901 VIA PIEMONTE, 5TH FLOOR</p> <p>DUNSMUIR, CA 94564</p>	<p><b>GILMAN SPRINGS IMPROVEMENTS PROJECT</b></p> <p>NO SCALE</p>	<p><b>X-1</b></p> <p>SHEET 2 OF 16</p>

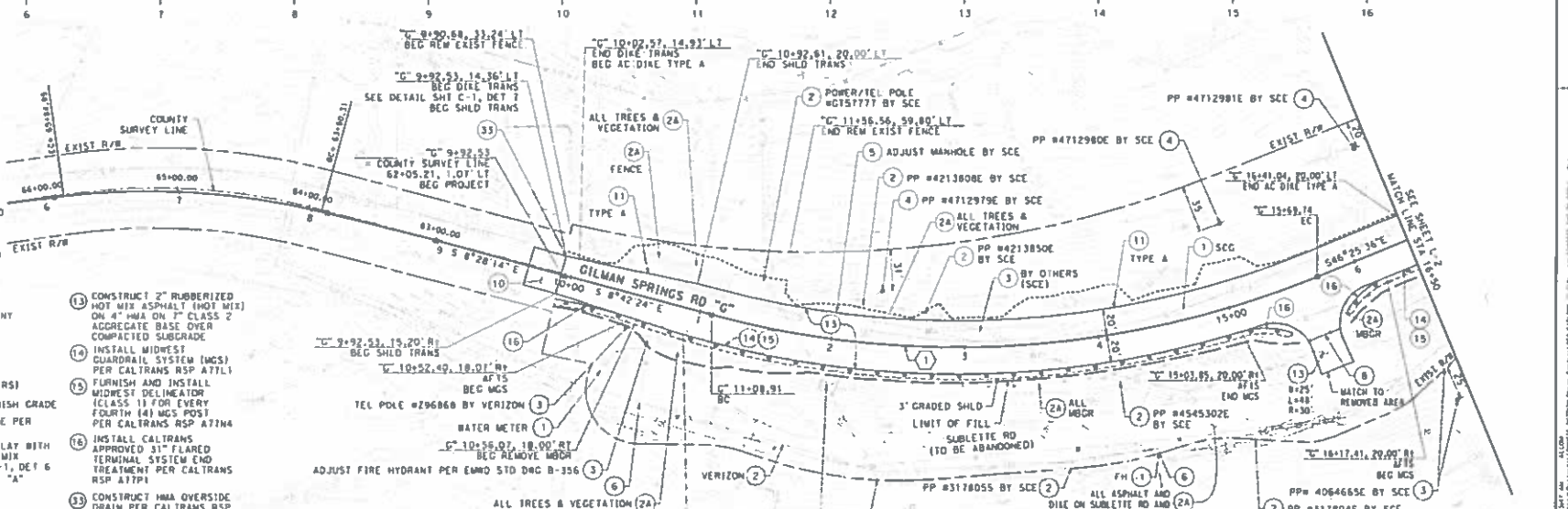


**NOTES:**

1. GRIND IN PLACE ALL EXISTING ASPHALT PAVEMENT AND REGRADE AS NEEDED. EXCESS GRINDINGS SHALL BE USED IN THE FILL AREAS WITHIN THE RECONSTRUCTION SECTIONS OF THE ROADWAY, SEE SPECS.
2. CONTRACTOR SHALL POTHOLE ALL UNDERGROUND UTILITIES PRIOR TO START CONSTRUCTION.
3. CONTRACTOR SHALL REMOVE ALL TREES AND VEGETATION WITHIN THE PROJECT LIMITS OF GILMAN SPRINGS ROAD AND SUBLETTE ROAD.
4. CONTRACTOR SHALL ADJUST VALVE CAN TO THE PROPOSED GRADE.

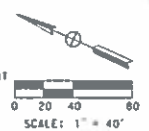
**CONSTRUCTION NOTES**

- 1 PROTECT IN PLACE
- 2 REMOVE BY UTILITY COMPANY
- 2A REMOVE BY CONTRACTOR
- 3 RELOCATE
- 4 INSTALL BY OTHERS
- 5 ADJUST MANHOLE (BY OTHERS)
- 6 ADJUST VALVE CAN TO FINISH GRADE
- 8 CONSTRUCT 18" SPRING GATE PER RFCFD STD DGC NO M820
- 10 HEADER GRIND 0.12", OVERLAY WITH ASPHALT RUBBERIZED HOT MIX (ARHM) SEE DETAIL SHI C-1, DET 6
- 11 CONSTRUCT HMA DICE TYPE "A" PER CALTRANS RSP #878



**LEGEND:**

- COUNTY SURVEY LINE
- PROP ROADWAY CENTERLINE
- PROP ROADWAY CENTERLINE
- PROP ROADWAY IMPROVEMENT
- LIMIT OF CUT
- LIMIT OF FILL
- EXISTING DRAINAGE



- UTILITY COMPANY LIST**
- SOUTHERN CALIFORNIA GAS COMPANY (SCG)
  - EASTERN MUNICIPAL WATER DISTRICT (EMWD)
  - SOUTHERN CALIFORNIA EDISON (SCE)
  - VERIZON
  - RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT (RFCFD)

**CURVE DATA**

NO.	R	Δ	T	L
1	700.00'	37°43'12"	239.12'	460.84'

**ABCOM**

APPROVED BY: *[Signature]* 3/9/2016 DATE

PREPARED BY: AECOM 901 918 PIEDMONT, 5TH FLOOR OAKLAND, CA 94612

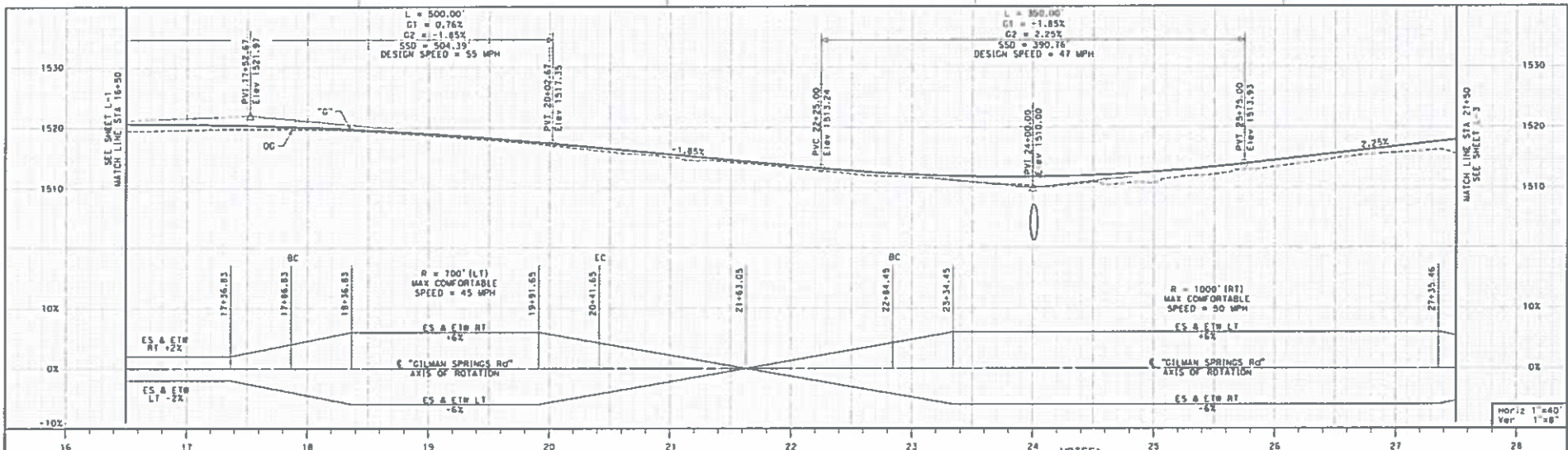
**PLAN AND PROFILE**

**GILMAN SPRINGS IMPROVEMENTS PROJECT**

5+00 TO 16+50

**SHEET No. L-1**

Sheet 3 of 16



**CONSTRUCTION NOTES**

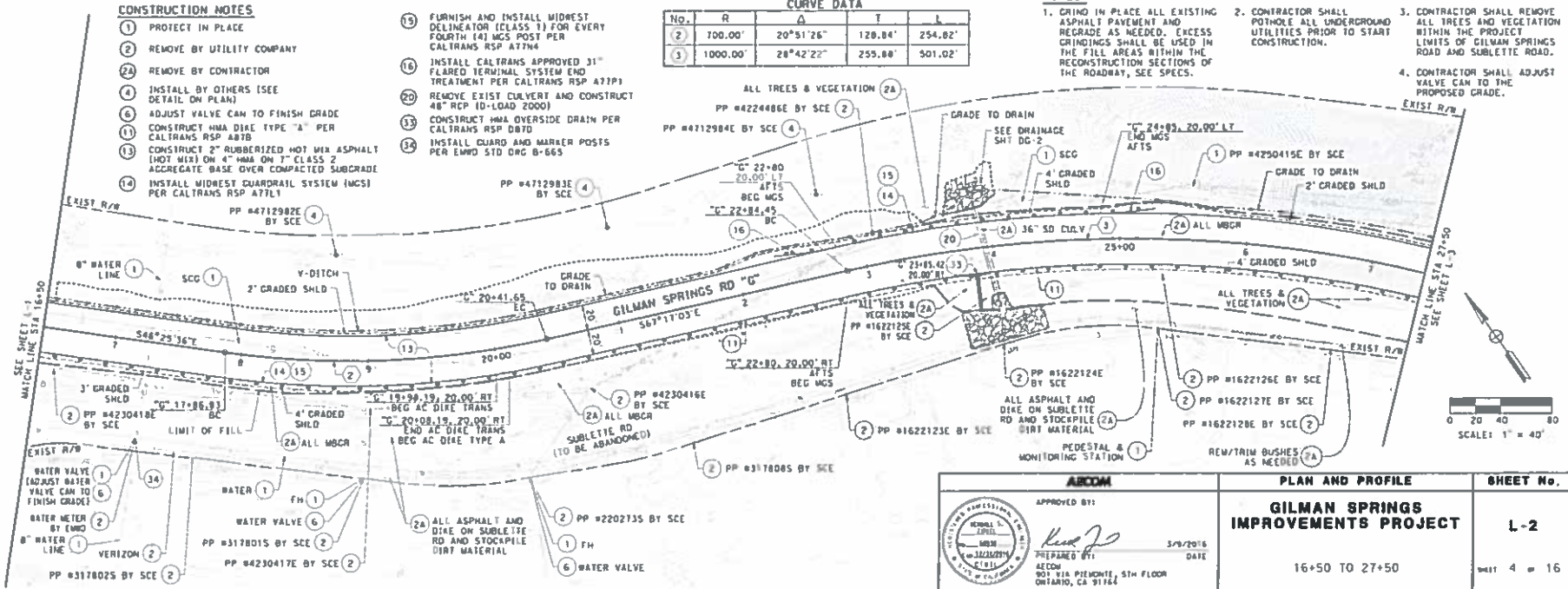
- 1 PROTECT IN PLACE
- 2 REMOVE BY UTILITY COMPANY
- 2A REMOVE BY CONTRACTOR
- 4 INSTALL BY OTHERS (SEE DETAIL ON PLAN)
- 6 ADJUST VALVE CAN TO FINISH GRADE
- 11 CONSTRUCT HMA DIAE TYPE "1" PER CALTRANS RSP A87B
- 13 CONSTRUCT 2" RUBBERIZED HOT MIX ASPHALT (HOT MIX) ON 4" HMA ON 7" CLASS 2 AGGREGATE BASE OVER COMPACTED SUBGRADE
- 14 INSTALL WIDEST GUARDRAIL SYSTEM (MCS) PER CALTRANS RSP AT7L1

- 15 FURNISH AND INSTALL WIDEST DELINEATOR (CLASS 1) FOR EVERY FOURTH (4) MCS POST PER CALTRANS RSP A77H4
- 16 INSTALL CALTRANS APPROVED 31" FLARED TERMINAL SYSTEM END TREATMENT PER CALTRANS RSP A77P1
- 20 REMOVE EXIST CULVERT AND CONSTRUCT 48" RCP (D-LOAD 2000)
- 33 CONSTRUCT HMA OVERSIDE DRAIN PER CALTRANS RSP D87D
- 34 INSTALL GUARD AND MARKER POSTS PER EMDO STD DRG B-665

CURVE DATA				
No.	R	Δ	T	L
2	700.00'	20°51'26"	128.84'	254.82'
3	1000.00'	28°42'22"	255.88'	501.02'

**NOTES:**

- 1. GRIND IN PLACE ALL EXISTING ASPHALT PAVEMENT AND REGRADE AS NEEDED. EXCESS GRINDINGS SHALL BE USED IN THE FILL AREAS WITHIN THE RECONSTRUCTION SECTIONS OF THE ROADWAY, SEE SECTIONS.
- 2. CONTRACTOR SHALL POTHOLE ALL UNDERGROUND UTILITIES PRIOR TO START CONSTRUCTION.
- 3. CONTRACTOR SHALL REMOVE ALL TREES AND VEGETATION WITHIN THE PROJECT LIMITS OF GILMAN SPRINGS ROAD AND SUBLETTE ROAD.
- 4. CONTRACTOR SHALL ADJUST VALVE CAN TO THE PROPOSED GRADE.



**ACCOM**

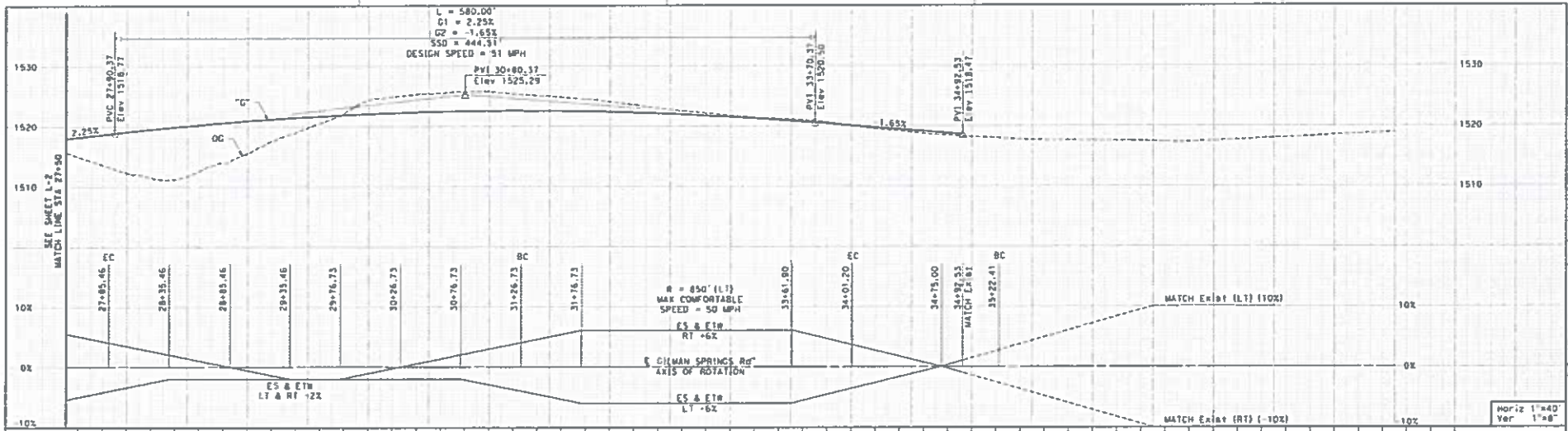
APPROVED BY: *[Signature]*

DATE: 5/9/2016

PREPARED BY: *[Signature]*

ACCOM  
901 VIA PINEHURST, 5TH FLOOR  
ONTARIO, CA 91764

<b>PLAN AND PROFILE</b>	<b>SHEET No.</b>
<b>GILMAN SPRINGS IMPROVEMENTS PROJECT</b>	<b>L-2</b>
16+50 TO 27+50	SHEET 4 OF 16



**CONSTRUCTION NOTES**

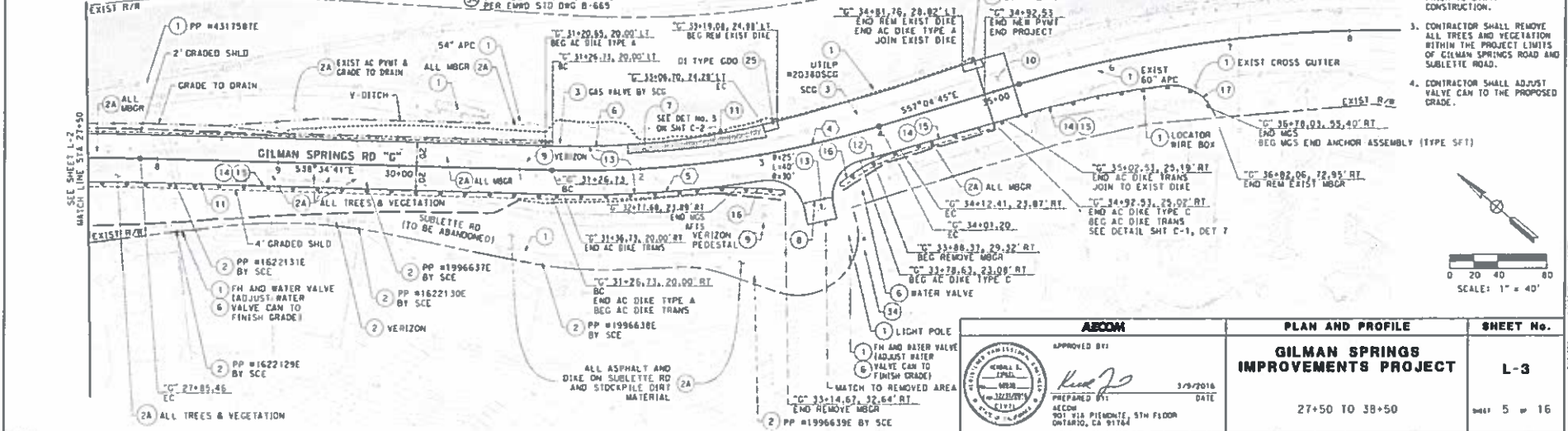
- PROTECT IN PLACE
- REMOVE BY UTILITY COMPANY
- REMOVE BY CONTRACTOR
- RELOCATE
- ADJUST VALVE CAN TO FINISH GRADE
- SLURRY BACKFILL, SEE DETAIL SHT C-1, DET 5
- CONSTRUCT 18" SWING GATE PER HCFCD STD DWG NO M820
- ABANDONED IN PLACE
- HEADER GRIND 0.12", OVERLAY WITH ASPHALT RUBBERIZED HOT MIX (ARHM) SEE DETAIL SHT C-1, DET 6
- CONSTRUCT HMA DIKE TYPE "A" PER CALTRANS RSP A870
- CONSTRUCT HMA DIKE TYPE "C" PER CALTRANS RSP A870
- CONSTRUCT 2" RUBBERIZED HOT MIX ASPHALT (HOT MIX) ON 4" HMA ON T" CLASS 2 AGGREGATE BASE OVER COMPACTED SUBGRADE
- INSTALL MIDWEST GUARDRAIL SYSTEM (MGS) PER CALTRANS RSP A771
- FURNISH AND INSTALL MIDWEST DELINEATOR (CLASS 1) FOR EVERY FOURTH (4) MGS POST PER CALTRANS RSP A774
- INSTALL CALTRANS APPROVED 31" FLARED TERMINAL SYSTEM END TREATMENT PER CALTRANS RSP A771
- INSTALL CALTRANS END ANCHOR ASSEMBLY
- MIDWEST GUARDRAIL SYSTEM (TYPE SF 1) PER CALTRANS RSP A775
- RECONSTRUCT DROP INLET AND GUTTER DEPRESSION PER CALTRANS STD PLAN D740 AND D76C
- INSTALL GUARD AND MARKER POSTS PER ENRD STD DWG B-665

**CURVE DATA**

No.	R	Δ	T	L
4	850.00'	18°30'04"	138.44'	274.47'
5	946.67'	17°42'24"	147.45'	292.56'
6	674.09'	14°55'00"	88.25'	175.50'

**NOTES:**

- GRIND IN PLACE ALL EXISTING ASPHALT PAVEMENT AND REGRADE AS NEEDED. EXCESS GRINDINGS SHALL BE USED IN THE FILL AREAS WITHIN THE RECONSTRUCTION SECTIONS OF THE ROADWAY, SEE SPECS.
- CONTRACTOR SHALL POTHOLE ALL UNDERGROUND UTILITIES PRIOR TO START CONSTRUCTION.
- CONTRACTOR SHALL REMOVE ALL TREES AND VEGETATION WITHIN THE PROJECT LIMITS OF GILMAN SPRINGS ROAD AND SUBLETTE ROAD.
- CONTRACTOR SHALL ADJUST VALVE CAN TO THE PROPOSED GRADE.



**ABCOM**

APPROVED BY: *[Signature]* 3/9/2016 DATE

PREPARED BY: *[Signature]* DATE

MECH: 901 VIA PIEMONTE, 5TH FLOOR, ONTARIO, CA 91764

**PLAN AND PROFILE**

**GILMAN SPRINGS IMPROVEMENTS PROJECT**

27+50 TO 38+50

**SHEET No.**

**L-3**

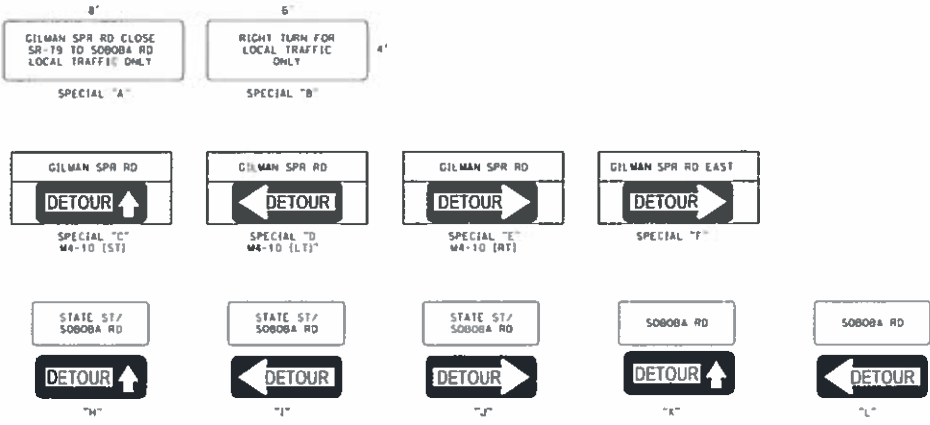
5 of 16

SCALE: 1" = 40'

RELATIVE BORDER SCALE: 15 IN. TYPICAL

USER NAME: s342com DON FILE: s342com040655-SHT-50-000-C-003.dgn

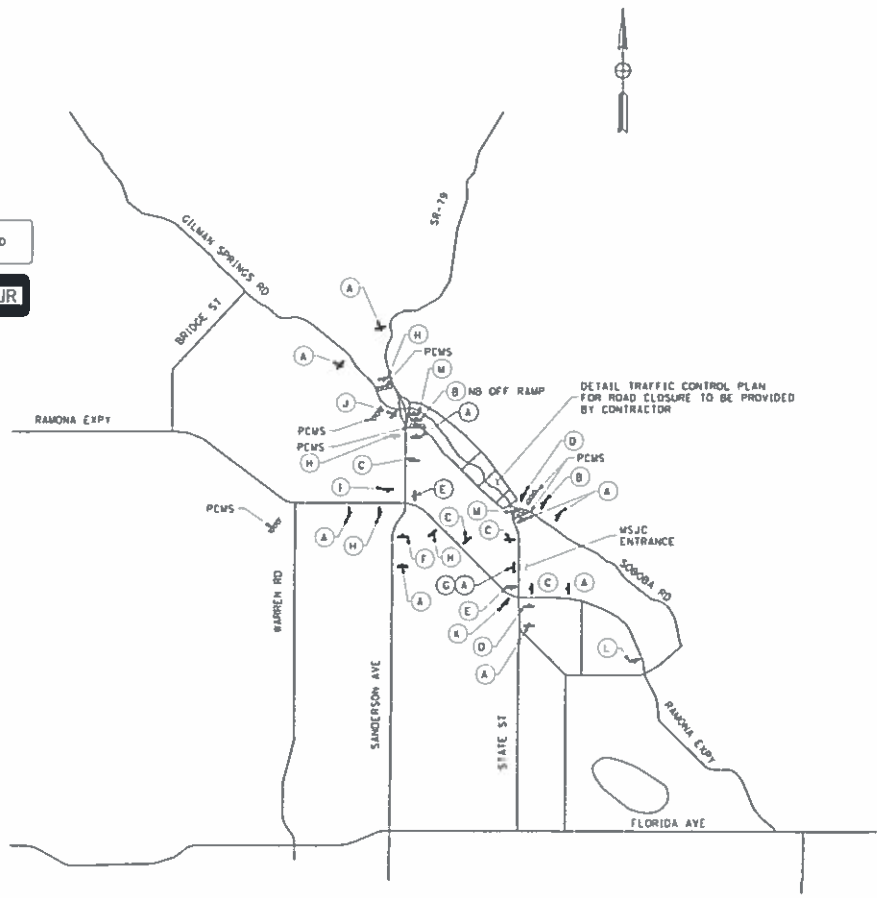
WO C4-0079 COUNTY FILE No.



- NOTES:**
1. DEPLOY PORTABLE CHANGEABLE MESSAGE SIGN (SHOW MESSAGES FOR THE PCMS) 14 DAYS PRIOR TO ROAD CLOSURE. SIGN SHOULD STATE CLOSURE DATES
  2. MINIMUM LETTER SIZE FOR SPECIAL SIGNS SHALL BE 6 INCHES, SERIES C, BLACK LEGEND ON ORANGE BACKGROUND
  3. EXACT SIGN LOCATION TO BE DETERMINED BY THE ENGINEER
  4. ALL SIGNS SHALL CONFORM WITH 2014 CA MUTCD

**CONSTRUCTION AREA SIGNS**

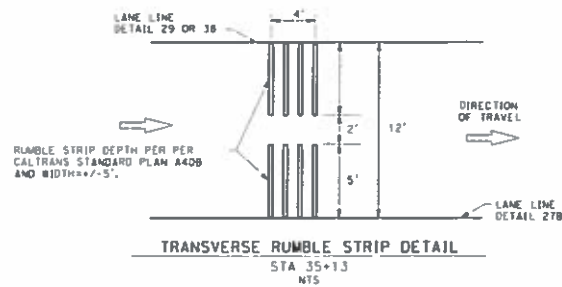
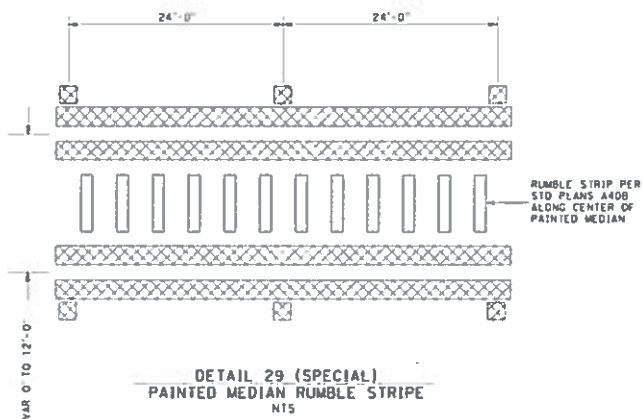
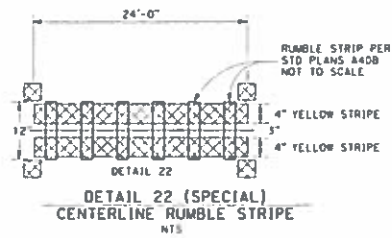
SIGN NO.	SIGN CODE	REMARKS	NUMBER OF SIGNS
A	SPECIAL "A"		10
B	SPECIAL "B"		2
C	SPECIAL "C"		8
D	SPECIAL "D"		3
E	SPECIAL "E"		3
F	SPECIAL "F"		1
G	M4-10 (LT)	PLACE BELOW SPECIAL SIGN "A"	1
M	M4-8a	END DETOUR	2
	<b>GRAND TOTAL</b>		<b>30</b>



RELATIVE BORDER SCALE 15 IN INCHES

<b>ABCOM</b>	<b>DETOUR PLAN</b>	<b>SHEET No.</b>
APPROVED BY: <i>[Signature]</i> 3/9/2016 PREPARED BY: AECOM DATE 3/23/2016 AECOM 901 856 PIEDMONTE, 5TH FLOOR, DARTMOUTH, CA 91764	<b>GILMAN SPRINGS IMPROVEMENTS PROJECT</b>	<b>DE-1</b>
		SHEET 10 OF 16





ASCOM	PAVEMENT DELINEATION AND SIGNS	SHEET No.
<p>APPROVED BY:</p>  <p>3/9/2016 DATE</p> <p>PREPARED BY:</p> <p>ASCOM 901 718 PLEMONTE 5TH FLOOR ONTARIO, CA 91764</p>	<p><b>GILMAN SPRINGS IMPROVEMENTS PROJECT</b></p>	<p><b>PD-1</b></p> <p>Sheet 11 of 16</p>



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

# COUNTY OF RIVERSIDE

## TRANSPORTATION AND LAND MANAGEMENT AGENCY



Patricia Romo, P.E.  
 Director of Transportation

### Transportation Department

#### ADDENDUM NUMBER 3

Dated July 26, 2016

to the  
 Specifications and Contract Documents  
 for the construction of

Gilman Springs Road  
 Improve Horizontal and Vertical Alignments  
 And Other Roadway Safety Features  
 0.5 Mile Segment Approximately 1,000-feet West of Soboba Road; and  
 Traffic Signal at the Intersection of Soboba Road  
 Project No. C4-0079, C5-0065  
 Federal Aid No. HSIPL-5956(237)

**Bids Due:** (Revised) Wednesday, August 3, 2016; 2:00 p.m.  
 14<sup>th</sup> Street Transportation Annex  
 3525 14<sup>th</sup> Street; Riverside, CA 92501  
 (951) 955-6780

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

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

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

#### MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

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

Wednesday, August 3, 2016; 2:00 p.m.  
 14<sup>th</sup> Street Transportation Annex  
 3525 14<sup>th</sup> Street; Riverside, CA 92501  
 (951) 955-6780

Prepared by:

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

Acknowledged: \_\_\_\_\_ Date: \_\_\_\_\_  
 (Contractor)

JRJ:rr

3525 14<sup>th</sup> Street · Riverside, CA 92501 · (951) 955-6800  
 FAX (951) 955-3164

Addendum No. 3, Page 1 of 1



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

# COUNTY OF RIVERSIDE

## TRANSPORTATION AND LAND MANAGEMENT AGENCY



Patricia Romo, P.E.  
 Director of Transportation

### Transportation Department

#### ADDENDUM NUMBER 4

Dated July 28, 2016

to the  
 Specifications and Contract Documents  
 for the construction of

**Gilman Springs Road  
 Improve Horizontal and Vertical Alignments  
 And Other Roadway Safety Features  
 0.5 Mile Segment Approximately 1,000-foot West of Soboba Road; and  
 Traffic Signal at the Intersection of Soboba Road  
 Project No. C4-0079, C5-0065  
 Federal Aid No. HSIPL-5956(237)**

**Bids Due: (Revised) Wednesday, August 10, 2016; 2:00 p.m.**  
 14<sup>th</sup> Street Transportation Annex  
 3525 14<sup>th</sup> Street; Riverside, CA 92501  
 (951) 955-6780

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

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

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

#### MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

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

**Wednesday, August 10, 2016; 2:00 p.m.**  
 14<sup>th</sup> Street Transportation Annex  
 3525 14<sup>th</sup> Street; Riverside, CA 92501  
 (951) 955-6780

**Item 2:** **Revised Proposal.** Refer to "Proposal" pages B2-B5 and "Revised Proposal" Attachment "A" of Addendum No. 2. Delete and replace "Proposal" (pages B2 through

B5) and Revised Proposal as issued by Addendum No. 2 with "Proposal (Revised)" attached herewith as Attachment "A". The following changes have been made to the Proposal:

a. The following bid items have been added:

Item 37.C, "CHAIN LINK FENCE"  
Item 79, "COLD PLANE ASPHALT CONCRETE PAVEMENT"  
Item 80, "SLURRY SEAL [ TYPE III ]"  
Item 81, "ASPHALTIC EMULSION (FOG SEAL COAT)"  
Item 82, "REMOVE THERMOPLASTIC TRAFFIC STRIPE"  
Item 83, "THERMOPLASTIC TRAFFIC STRIPE"

b. Estimated Quantities are revised for the following bid items:

Item 20, "MIDWEST GUARDRAIL SYSTEM"  
Item 22, "ALTERNATIVE FLARED TERMINAL SYSTEM"  
Item 25, "MINOR CONCRETE (MINOR STRUCTURE) [HEADWALLS AND WINGWALLS]"  
Item 26, "BAR REINFORCING STEEL [HEADWALL AND WINGWALLS]"  
Item 40, "HOT MIX ASPHALT"  
Item 42, "PAINT TRAFFIC STRIPE (2-COAT)"  
Item 43, "PAVEMENT MARKER (RETROREFLECTIVE)"  
Item 45, "MIDWEST GUARDRAIL SYSTEM"  
Item 46, "ALTERNATIVE FLARED TERMINAL SYSTEM"  
Item 66, "ALTERNATIVE IN-LINE TERMINAL SYSTEM"  
Item 67, "CONSTRUCT MGS CONNECTION TO BRIDGE RAILING [NOTE 37]"  
Item 69, "THERMOPLASTIC PAVEMENT MARKING"  
Item 70, "REMOVE TRAFFIC STRIPE"  
Item 71, "REMOVE THERMOPLASTIC PAVEMENT MARKING"

**Item 3: Federal Minimum Wages Update**

Refer to Appendix D in the Special Provisions, "Federal Prevailing Wage Decision", pages 1 through 21, Addendum No. 1, Item 3, Federal Minimum Wages Update, and Addendum No. 2, Item 6. Delete and replace these pages with the following:

Federal wage determination, General Decision No. CA160036 – CA36, Modification No. 7 dates 7/22/2016, shall apply to this project. This document is available upon request from the Transportation Department: (951) 955-6780, and also posted on the following County website:

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

**Item 4: Addition to Special Provisions – Project Description.** Refer to Section 00-1.01, Project Description, on page 1 of the Special Provisions. The following Special Provisions are added and made part hereby:

Application of fog seal will be required at the intersection of Gilman Springs Road and Soboba Road/ State Street.

Additional work under Base Bid Schedule 2 includes pavement rehabilitation work on an approximate 1.5 mile segment of Gilman Springs Road. The work involves cold planing asphalt concrete at various sections of the road as shown on the plans and paving with Hot Mix Asphalt Type A 3/4" mix. Then, Type III slurry seal is to be applied at full width for the entire length of the segment. Additional work includes replacing existing pavement markers, removal and installing

painted traffic stripes and pavement markings and any other work as may be required.

**Item 5: Addition to Special Provisions – Slurry Seal Type III.** The following Special Provisions are added and made part hereby:

**Slurry Seal**

Slurry seal shall be performed in accordance with Subsections 203-5 and 302-4, "Emulsion-Aggregate Slurry," of the Standard Specifications for Public Works Construction (Green Book) 2015 edition and noted herein as the Standard Specifications, and the following Provisions. The type of slurry aggregate used shall be the type designated in the Bid item list and the plans.

Modify the following Subsection 203-5.4, "Materials" of the Standard Specifications:

- (2) Admixtures, such as Portland Cement or aluminum sulfate may be mixed into the slurry material to adjust the curing time such that the applied slurry can support vehicular traffic within 60 minutes.
- (5) Use of slag shall not be permitted.
- (6) Deliveries of aggregate and emulsion shall not be made without the engineer present. Emulsion is not to be transferred to an on-site storage tanker without the sieve test performed by the County.

Modify Subsection 203-5.2, "Mix Design," of the Standard Specifications to include the following:

The Contractor shall submit a Mix Design for approval within fourteen (14) working days after the Board of Supervisors Approval/Award. The Contractor will receive a "Notice to Proceed with Construction" only after the Mix Design is approved. The Contractor shall provide materials for verification of the Mix Design. Periodically throughout the project, at the direction of the Engineer, the County will perform further testing as necessary to provide assurance of the Mix Design.

If the Contractor changes sources of material, i.e. aggregate and/or oil, a new Mix Design shall be resubmitted. The cost of all Mix Design retest and testing as a result of changes to the Mix Design shall be borne by the Contractor, and the amount due to the County for said retesting will be deducted from the Contractor's Progress Payments.

The Contractor shall allow ten (10) working days prior to start of work for calibration and testing at a location designated by the Engineer. The County's testing laboratory will obtain field samples at the time of calibration for Extraction Test (ASTM D 2172), Consistency Test, Wet Track Abrasion Test (ASTM D 3910), a verification of the 60 minute set time previously specified. When the County's testing laboratory has determined that the field samples meet the requirements stipulated in these Specifications, the Engineer will notify the Contractor to start work. In the event that the product does not meet Specification, another testing and calibration date shall be set ten (10) day prior to the start of work for a complete retest of the product at the expense of the Contractor.

Modify the following Subsection 302-4.3, "Continuous Flow Mixers," of the Standard Specifications to include the following:

All slurry mixing machines shall be equipped with a Fines Feeder for the adding of cement or granular Aluminum Sulfate.

Add to Subsection 302-4.6.1, "General," of the Standard Specifications the following table:

<u>Slurry Seal</u>	<u>Min.</u>	<u>Max.</u>
Type I	ELT/1700 ft <sup>2</sup>	ELT/2000 ft <sup>2</sup>
Type II	ELT/1150 ft <sup>2</sup>	ELT/1350 ft <sup>2</sup>
Type III	ELT/750 ft <sup>2</sup>	ELT/900 ft <sup>2</sup>
Type I (over Chip Seal)	ELT/950 ft <sup>2</sup>	ELT/1150 ft <sup>2</sup>

The estimated quantity for slurry seal in the Bid Schedule were based on an application rate of 1850 SF/ELT for Type I, 1250 SF/ELT for Type II, and 850 SF/ELT for Type III. The total areas in Slurry Seal Quantity Tables in the appendix, shall be considered as approximate only and no guarantee is made as to the accuracy.

Add the following to Subsection 302-4.6.1, "General" of the Standard Specifications:

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

Prior to the beginning of slurry operations, the Contractor shall furnish, at no cost to the County, current licensed weigh master's certificates indicating the net weight capacity of the aggregate bin. The Contractor shall provide a drive upon scale at the project site or an alternate site approved by the County. The drive on scale shall show the net weight of the aggregate bin on each slurry machine before the machine and product will be approved for applying slurry on the project.

All slurry machines are to carry, at all times, a calibrated emulsion measuring stick. The emulsion measuring stick is to be calibrated in 10-gallon increments to the slurry machine it is used on. Emulsion measuring sticks from other slurry machines will not be allowed to measure the gallons of emulsions on the slurry machines they were not calibrate to. The emulsion measuring stick is to have the slurry machine number or identification permanently marked on the stick. The gallons of emulsion are to be measured with a calibrated emulsion measuring stick and recorded before leaving and after returning to materials site. Use of a slurry machine will not be allowed if it does not have a calibrated emulsion measuring stick.

The Contractor shall furnish prior to commencing work, a calibrated stick in 10-gallon increments to measure the oil in the trailer storage tanks in gallons. The measuring stick shall be calibrated to the trailer storage tank it is used on. The inspector shall check the oil in each load "in and out" and in the storage tanks at the beginning and end of each day to determine the amount of emulsion used for that day. Emulsion is not to be transferred from delivery tank to on-site storage tank before the County performs the sieve analysis on the emulsion. Aggregate used in the slurry shall not exceed a moisture content of four percent (4%) by weight of dry aggregate.

Contractor may not schedule more than **150 tons of slurry to be placed per day**. Slurry may not be applied at more than 150 feet per minute. Contractor shall not run more than two slurry machines per day.

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

Prior to storing aggregate on private property, the Contractor shall submit to the Engineer written permission from the property owner for such stockpiling. The County may provide a stockpile location at a County Facility if space is available. The stock pile of material at a County Yard requires prior approval from the County Maintenance Division and the Engineer. **The Contractor's**

yard and/or stockpile locations must be shown on the WPCP water pollution control drawings. The County does not guarantee that space will be available at a County Yard for the stockpile of material for this Project. If the County Yard location is provided for the Project, the notice of termination and final pay estimate will not be processed until the County Facility has been restored to the prior condition before the contractor utilized the site.

Precautions shall be taken to ensure that stockpiles do not become contaminated with oversized rock, clay, silt, or excessive amounts of moisture. The stockpiles shall be kept in areas that drain readily. Segregation of the aggregate will not be permitted. **Appropriate BMPs must be applied to stockpiles to prevent material comingling with storm water runoff and prevent wind and water erosion.**

The stockpile areas shall be thoroughly cleaned of all excess material and left in a neat, orderly appearance upon completion of slurry operations in any area.

The Contractor shall protect the wet slurry from traffic at all times and if damaged or defaced, the Contractor shall repair said damage at no additional cost to the County.

The placement of slurry seal may be suspended with the concurrence of the Engineer due to unsuitable weather, temperature conditions, or other conditions that are considered unfavorable for the prosecution of the work. The Contractor shall immediately comply with the order of suspension by the Engineer, and work shall not be resumed until authorized by the Engineer.

If work cannot resume on the same day to completion as scheduled, then this work shall be rescheduled in one to two weeks and the residents notified that the work will not be done as scheduled and renotified of new work day promptly. All "NO PARKING", "NO DRIVING" signs must be promptly removed. No more than two (2) rescheduled streets shall be scheduled for the same day and they shall be the first order of work for that day.

The days during which the suspension of work is in effect due to unsuitable weather shall not be considered working days and the date of completion shall be extended to allow for work and notification.

In the event of a suspension of work, the Contractor shall remove all barricades, equipment and "No Parking" signs (if appropriate) upon the curing of the completed portion of slurry.

No adjustment of unit prices of any items shall be allowed due to a suspension of work as described above.

Add to Subsection 302-4.6.1, "General" of the Standard Specifications the following:

Prior to applying slurry seal, the Contractor shall clean, to the satisfaction of the Engineer, the street surface with a power sweeper, remove all R.P.M.'s including "Blue Dots", abrasive grind **completely all lane lines, street legends, crosswalks or other painted or thermoplastic surfaces. All abrasive grinding shall be flush with the existing surface and not cause indentations into the pavement. This is necessary to provide a good bonding surface for the slurry seal, as well as eliminate "ghosting" of the old striping and markings as the new slurry wears off over time. All R.P.M's including "Blue Dots" shall be replaced with new ones.** Full compensation for the removal and installation of retroreflective pavement markers shall be in accordance with section 85, Pavement Markers, of the Special Provisions.

**Before applying slurry seal, cover existing rumble strip indentions along the centerline of the road, cover manholes, valve and monument covers, grates, and other exposed facilities located within the area of application using plastic or oil resistant construction paper**

**secured by tape or adhesive to the facility being covered. Reference the covered facilities with enough control points to relocate the facilities after application of the slurry seals.**

It is anticipated that nuisance water, such as storm water runoff and irrigation water, will run in and across the right-of-way at various time throughout the period of construction. It shall be the responsibility of the Contractor, at their own expense, to provide for and protect the work from such water. In addition, the Contractor's responsibility shall include handling nuisance waters such that their operations do not cause them to damage existing improvements or properties adjacent to or near the site of work.

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

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

The slurry shall be applied in such a manner that no ripples or waves exist. If ripples or waves occur in the slurry during the application, the work shall cease and the Contractor shall correct the situation. The Contractor may use a drag to knock down ridges. If ripples or waves are not corrected to the Engineer's satisfaction, the street shall be reslurried at the Contractor's expense.

The Contractor shall, at the direction of the Engineer, repair the reseal to **the entire street, or complete section thereof, as determined by the Engineer**, which have not been sealed properly (includes areas that have failed to meet yield and mix design specifications) and completely. No compensation will be provided for slurry seal used in repair and reseal work.

Add the following paragraph to Subsection 302-4.6.1, "General" of the Standard Specifications:

Each slurry crew shall be composed, at a minimum, of a coordinator at the project site at all times, a competent quick-set mixing man, a competent driver, two squeegee men, and sufficient laborers for any handiwork and cleanup.

Surface oil and grease shall be removed or sealed with shellac or an equivalent material approved by the County before the application of the slurry seal. Full compensation for surface oil and grease removal shall be considered as included in the unit cost for slurry seal.

For all cul-de-sacs (the last 250' minimum), the Contractor shall roll the last 250' of dead-end streets and knuckle curves or as otherwise directed by the Engineer. Full compensation for rolling the slurry shall be considered as include in the unit cost for slurry seal.

The start and finish of slurry application shall be a straight line which, unless otherwise approved by the Engineer, shall be obtained by laying a strip of building paper or other material approved by the Engineer on the pavement surface. After application of slurry, the paper is to be removed leaving a straight edge. The entire street surface area shall be sealed the same day.

**The grading of the combined aggregate and the percentage of emulsified asphalt shall conform to the requirements of Type I, Type II, or Type III as specified in Subsection 203-5.3 and 203-5.4.2, respectively, of the Standard Specifications.**

Asphalt emulsion shall be a QUICK-SET ANIONIC OR CATIONIC EMULSIFIED ASPHALT conforming to the requirements of Subsection 203-1.3, "Test Reports and Certification," and Subsection 203-3.4, "Physical Properties" of the Standard Specifications.



The latex additive shall be Ultra Pave 70 (for anionic) or Ultra Pave 65 K (for cationic) or an approved equal. The latex shall be added at the emulsion plant after weighing the asphalt and before the addition of mixing water. The latex shall be added at a rate of **two to two-and-one-half (2 to 2½)** parts to one-hundred (100) parts of emulsion by volume.

The Contractor is hereby advised that County streets, parking lots, or other County-approved property will not be allowed as a site for stockpiling and batching. Arrangements for an acceptable site shall be the sole responsibility of the Contractor. **Exception: Stockpiling will be allowed at the County Yard, located at 15670 Perris Boulevard, (Gilman Springs will be closed)** after arrangements are made with the County's Maintenance and Operations Division, at (909) 413-3160.

The Contractor shall sweep any raveled material on the street one (1) week after the initial placement. One additional sweeping shall occur (1) month after the first initial sweeping or as directed by the Engineer. If the Engineer determines the raveling is excessive, the frequency of sweeping shall be adjusted to the field conditions of the raveling. If excessive raveling, as determined by the Engineer, continues after two (2) weeks of the initial placement, the street shall be swept and reslurred with a Type I mixture (Local Streets) or Type II or Type III (Arterial/Collector Streets) at no cost to the County.

The Contractor shall remove any and all weeds that are growing through cracks from the project street located within the pavement or growing between the concrete gutter and the pavement and spray a herbicide mixture of either Hyvar mixed with Roundup or Pramatol mixed with Roundup, or approved equal, at least ten (10) working days prior to slurring. The herbicide mixture shall contain Blazon, or approved equal, a purple dye to easily confirm the herbicide has been applied. The work shall be approved by the Engineer or his representative prior to slurring. Full compensation for plant removal and herbicide treatment shall be considered as included in the unit cost for slurry seal.

The Contractor shall supply the County with licensed weighmaster's certificates of weight for all delivered aggregates to the job during the course of each day. Aggregate shall be delivered to the project only in the presence of a County representative. The Contractor shall also present weighmaster certificates for the amount of such aggregate remaining at the completion of the project at no cost to the County. Payment shall be determined by the amount that is physically placed, which cannot exceed the amount that is delivered to the job site with the certified weighmaster tickets. There shall be no outside work done utilizing materials from the tanks or stockpiles stored for the County's Contract.

**Method of Payment**

Replace Subsection 302-4.10 with the following:

Payment for slurry seal shall conform to this provisions and shall include payment in full for all work called for in this Article. The unit of measure is to be "extra long ton" and shall be paid for by the extra long ton (ELT).

Full compensation for developing a water supply, for furnishing and placing all water required for work done in the Contract, including extra work shall be included in the prices paid for the various items of work requiring water; and no separate payment will be made therefore.

**Item 6: Modifications to Special Provisions – Payment for Cold Planing Asphalt Concrete Pavement.** Refer to Section 15-2.02B(3), Cold Planing Asphalt Concrete Pavement, on pages 37 and 38 of the Special Provisions. The following modifications are made a part hereby:

- Delete and replace Sub-section 15-2.02B(3)C, Payment, on page 38 of the Special Provisions, with the following:

**15-2.02B(3)C Payment**

**For Header Grinds and Header Cuts:**

Full compensation for Cold Planing Asphalt Concrete Pavement required shall be considered as included in the contract prices paid per ton for Hot Mix Asphalt and shall include full compensation for providing all labor, tools, equipment and disposing of the grindings and no additional compensation will be allowed.

**For Asphalt Grind Required on the Pavement Rehabilitation Project:**

The contract price paid per square yard for Cold Plane Asphalt Concrete Pavement includes full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in cold planing asphalt concrete surfacing and disposing of planed material (grindings), including constructing, maintaining, removing temporary HMA tapers if applicable, as specified in the Standard Specifications and these special provisions and as directed by the Engineer.

Full compensation for removal of thermoplastic traffic stripe, painted traffic stripe, and pavement marking in areas of cold plane asphalt concrete is included in the contract price paid for cold plane asphalt concrete and no separate payment will be made therefor.

- Item 7: Modifications to Special Provisions – Remove Traffic Stripes and Pavement Markings.** Refer to Section 15-2.02C, Remove Traffic Stripes and Pavement Markings, on pages 38 and 39 of the Special Provisions. The following modifications are made a part hereby:

- Delete and replace the second sentence on Section 15-2.02C, Remove Traffic Stripes and Pavement Markings, on page 38 of the Special Provisions, with the following:

~~The removal of traffic stripes and markings shall be accomplished by either of the following methods:~~

The removal of thermoplastic stripes and markings shall be accomplished by using the Grinding method, and the removal of painted stripes and markings shall be accomplished by using the wet sandblasting method.

- Item 8: Modifications to Special Provisions – Hot Mix Asphalt.** Refer to Section 39, Hot Mix Asphalt, of the Special Provisions on pages 50 through 62. The following modifications are made hereby:

- Delete and replace the first paragraph of Section 39-1.01, Hot Mix Asphalt, on page 50 of the Special Provisions with the following:

“This work includes producing and placing hot mix asphalt (HMA) Type C, Type A, and rubberized hot mix asphalt (gap graded) RHMA-G. Comply with the specifications for HMA under Section 39, “Hot Mix Asphalt” of the Standard Specifications and these Special Provisions. All other requirements of Section 39 shall apply unless otherwise modified or replaced in these Special Provisions.”

- Delete and replace the second paragraph, table and third paragraph of Section 39-1.01(1a.3), Aggregate, on page 53 of the Special Provisions with the following:

"The aggregate grading of the different types of hot mix asphalt shall conform to the following, unless otherwise specified on the plans:

HMA Type	Grading
C	1 - inch
A	3/4 - inch
RHMA-G	1/2 - inch

The combined aggregate and quality characteristics for the 1-inch, 3/4-inch, and 1/2-inch aggregate for use in HMA Type C, HMA Type A, and RHMA-G, as specified above, prior to addition of asphalt binder, shall conform to the requirements of Section 39-1.02E, "Aggregate" of the Standard Specifications and the following:"

- Delete and replace the first paragraph of Section 39-1.01(1b.2), Reclaimed Asphalt Pavement, on page 54 of the Special Provisions with the following:

The use of reclaimed asphalt pavement (RAP) in HMA production shall comply to Section 39-1.02F, "Reclaimed Asphalt Pavement" of the Standard Specifications, and this Section. Use of RAP in HMA Type C will be allowed in a quantity not exceeding 15.0 percent of the aggregate blend. Use of RAP in HMA Type A will not be allowed.

- Add the following special provisions to Section 39-1.01(1c), HMA Mix Design, on page 54 and 55 of the Special Provisions:

The HMA mix design for Type A shall comply with the following requirements:

#### HMA Type A Mix Design Requirements

Quality characteristic	Test method	HMA type
		A
Air void content (%)	California Test 367	4.0
Voids in mineral aggregate (% min.)	California Test 367	14.0
		13.0
Voids filled with asphalt (%)	California Test 367	65.0–75.0
		65.0–75.0
Dust proportion	California Test 367	0.6–1.3
1/2" and 3/4" gradings		
Stabilometer value (min.) <sup>d</sup>	California Test 366	37
1/2" and 3/4" gradings		

<sup>a</sup> Not used.

<sup>b</sup> California Test 304, Part 2.13.

<sup>c</sup> Not used.

- Delete and replace the first table in Section 39-1.01(1c.7), Construction Process of HMA, on page 57 of the Special Provisions with the following:

#### HMA Relative Compaction Requirements

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

- Delete and replace the table in Section 39-1.01(1c.8), HMA Acceptance and Payment Factor, on page 59 of the Special Provisions with the following:

Reduced Payment Factors for Percent of Maximum Theoretical Density

HMA Type A, HMA Type C, and RHMA-G percent of maximum theoretical density	Reduced payment factor	HMA Type A, HMA Type C, and RHMA-G percent of maximum theoretical density	Reduced payment factor
91.0	0.0000	97.0	0.0000
90.9	0.0125	97.1	0.0125
90.8	0.0250	97.2	0.0250
90.7	0.0375	97.3	0.0375
90.6	0.0500	97.4	0.0500
90.5	0.0625	97.5	0.0625
90.4	0.0750	97.6	0.0750
90.3	0.0875	97.7	0.0875
90.2	0.1000	97.8	0.1000
90.1	0.1125	97.9	0.1125
90.0	0.1250	98.0	0.1250
89.9	0.1375	98.1	0.1375
89.8	0.1500	98.2	0.1500
89.7	0.1625	98.3	0.1625
89.6	0.1750	98.4	0.1750
89.5	0.1875	98.5	0.1875
89.4	0.2000	98.6	0.2000
89.3	0.2125	98.7	0.2125
89.2	0.2250	98.8	0.2250
89.1	0.2375	98.9	0.2375
89.0	0.2500	99.0	0.2500
< 89.0	Remove and replace	> 99.0	Remove and replace

**Item 9: Modifications to Special Provisions – Concrete Structures.** Refer to Section 51, Concrete Structures, of the Special Provisions on pages 65 and 66. The following modifications are made hereby:

- The list of minor concrete structures on page 65 of the Special Provisions is modified as follows:

Minor concrete structures for this project shall consist of:

- Headwalls and Wingwalls

- **Energy Dissipator – Impact Basin with Vertical Baffle Wall per Standard Specifications for Public Works Construction (Greenbook) Standard Plan No. 384-3 (Modified)**

- Delete and replace the following special provisions in Section 51-7.01D, Payment, on top of page 66 of the Special Provisions:

The contract price paid per cubic yard for minor structure will not be adjusted if the constructed height (as designed or modified by the Engineer) of said minor structure, including revisions by Engineer, is within  $\pm 0.5$  foot of the vertical dimension shown on the plans.

Payment for all work involved in the construction of minor structures, including Headwalls, Wingwalls, and Energy Dissipator, will be per cubic yard and shall include full compensation for furnishing all labor, materials, tools and equipment, and doing all work involved in the complete structure, including the construction of gutter depression, structure excavation and backfill, metal frames, miscellaneous metals required (Steel/Armor Plate with welded stud anchors, and Bent Steel Plate with welded stud anchors) covers and grates and no further allowances shall be allowed.

Payment for furnishing and placement of reinforcing steel required for the construction of Headwalls, Wingwalls, and Energy Dissipator, shall be considered as included in the contract price paid per pound for BAR REINFORCING STEEL [HEADWALL AND WINGWALLS] (including Energy Dissipator) and no additional compensation shall be allowed therefor.

- Item 10: Addition to Special Provisions – Traffic Stripes and Pavement Markings.** Refer to Section 84, Traffic Stripes and Pavement Markings, of the Special Provisions on pages 74 and 75. The following Special Provisions are added and made part hereby:

The Contractor shall provide pre-marking ("Cat-Tracking") of all road striping and pavement markings minimum one week prior to traffic stripes and pavement markings installation. The Cat-Tracking layout shall be reviewed and approved by the Engineer prior to installation.

- Item 11: Modifications to Special Provisions – Payment for the Removal of Reflective Pavement Markers.** Refer to Section 19-2, Roadway Excavation on pages 44 through 62 of the Special Provisions, and Section 85-1.01, Retroreflective Pavement Markers, on pages 75 and 76 of the Special Provisions. The following modifications are made hereby:

- Delete the following paragraph which is found in Section 19-2, Roadway Excavation, on page 45 of the Special Provisions:

"Removal of pavement markers from existing pavement shall be considered as included in the bid unit price paid for Roadway Excavation for payment purpose and no additional compensation will be allowed."

- Add the following paragraph to the payment subsection of Section 85-1.01, Retroreflective Pavement Marker, on page 76 of the Special Provisions:

"Removal of pavement markers from existing pavement shall be considered as included in the bid unit price paid for Pavement Marker (Retroreflective) for payment purposes and no additional compensation will be allowed."

**Item 12: Addition to Special Provisions – Chain Link Fence.** The following Special Provisions are added and made part hereof:

**Add to section 80-3 Chain Link Fences:**

**80-3.01 General**

Contractor must install chain link fence where shown on the plans to install in accordance with Section 80-3 of the Standard Specifications, SPPWC Standards No. 384-3 (modified) and 600-3 for chain link fence installation on headwall and wingwalls, and as directed by the Engineer in the field.

**80-3.04 Payment:**

The contract unit price paid per linear foot for Chain Link Fence shall include full compensation for furnishing all labor, materials, tools, and equipment and for doing all the work involved in installing chain link fence, including post embedment, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer, and no additional compensation will be allowed therefor.

**Item 13: Addition to Special Provisions – End Anchor Assembly.** The following Special Provisions are added and made part hereof:

**Add to section 83-1 Railings, of the Standard Specifications:**

**End Anchor Assembly (Type SFT):**

End anchor assembly (Type SFT) shall be furnished and installed as shown on the plans, in conformance with the provisions of Section 83 of the Standard Specifications, these Special Provisions, and as directed by the Engineer.

**Payment:**

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

**Item 14: Addition to Special Provisions – Apply Fog Seal to Intersection.** The following Special Provisions are added and made part hereby:

**37 BITUMINOUS SEALS**

**Add to Section 37-2.01A Summary**

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

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

Although not shown on the plans, the contractor will be required to apply fog seal at the intersection of Gilman Springs Road and Soboba Road/State Street in conformance with the requirements of Section 37, Bituminous Seals, of the Standard Specifications and these Special Provisions.

The limits of the fog seal application shall be the same as the striping limits as shown on Sheet PD-1 of the plans (sheet 7 of 8) except for the surface of the bridge.

**Payment:**

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

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

**MODIFICATIONS / CLARIFICATIONS TO THE PLANS**

**Item 15: Plan sheet revisions.** The following Plan sheets are revised or added by Attachment "B" and made a part hereof

a. Delete and replace the following six (6) plan sheets:

1. Plan sheet 2 of 16, (Replaces plan sheet issued by Addendum No. 2)
2. Plan sheet 4 of 16, (Replaces plan sheet issued by Addendum No. 2)
3. Plan sheet 6 of 16
4. Plan sheet 8 of 16

b. Add the following fourteen (14) plan sheets:

- |  |  |
|--|--|
| 1. Plan sheet 6A of 16                 | 9. Plan sheet 8 of 13 (Pavement Rehab)   |
| 2. Plan sheet 1 of 13 (Pavement Rehab) | 10. Plan sheet 9 of 13 (Pavement Rehab)  |
| 3. Plan sheet 2 of 13 (Pavement Rehab) | 11. Plan sheet 10 of 13 (Pavement Rehab) |
| 4. Plan sheet 3 of 13 (Pavement Rehab) | 12. Plan sheet 11 of 13 (Pavement Rehab) |
| 5. Plan sheet 4 of 13 (Pavement Rehab) | 13. Plan sheet 12 of 13 (Pavement Rehab) |
| 6. Plan sheet 5 of 13 (Pavement Rehab) | 14. Plan Sheet 13 of 13 (Pavement Rehab) |
| 7. Plan sheet 6 of 13 (Pavement Rehab) |  |
| 8. Plan sheet 7 of 13 (Pavement Rehab) |  |

**Note:** All revised plan sheets are posted on the County website and are available for download during the advertisement period.

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

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



\_\_\_\_\_  
Eng Chong Voon, PE



Recommended by:



\_\_\_\_\_  
Scott Staley, PE  
County Project Manager

Concurrence:



\_\_\_\_\_  
Khalid Nasim, PE  
Engineering Division Manager

Acknowledged: \_\_\_\_\_ Date: \_\_\_\_\_  
(Contractor)

JRJ:rr

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



**ATTACHMENTS**

**A – Revised Proposal**

**B – Revised Plans**

**C – Reference Drawings**

**Gilman Springs Road**  
**Improve Horizontal and Vertical Alignments**  
**And Other Roadway Safety Features**  
**0.5 Mile Segment Approximately 1,000-feet Westerly of Soboba Road; and**  
**Traffic Signal at the Intersection of Soboba Road**  
**Project No. C4-0079, C5-0065**  
**Federal Aid No. HSIPL-5956(237)**

ISSUED BY ADDENDUM No. 4  
ATTACHMENT "A"

**REVISED PROPOSAL**

ITEM No.	ITEM CODE	ITEM	UNIT	Like Bid Item*	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID SCHEDULE 1: GILMAN SPRINGS ROAD CURVE REALIGNMENT PROJECT</b>							
1	760090	MOBILIZATION, DEMOBILIZATION AND FINAL CLEANUP	LS		1		
2	170101	DEVELOP WATER SUPPLY	LS		1		
3	066102	DUST ABATEMENT	LS		1		
4	074020	WATER POLLUTION CONTROL	LS		1		
5	120100	TRAFFIC CONTROL SYSTEM	LS		1		
6	128651	PORTABLE CHANGEABLE MESSAGE SIGN	EA		6		
7	150605	REMOVE FENCE	LF		175		
8	160102	CLEARING AND GRUBBING	LS		1		
9	190101(F)	ROADWAY EXCAVATION	CY	Like 1	7,000		
10	198010(F)	IMPORTED BORROW	CY		2,100		
11	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	Like 2	1,400		
12	390130	HOT MIX ASPHALT	TON	Like 3	2,700		
13	260203	CLASS 2 AGGREGATE BASE	CY	Like 4	2,300		
14	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)	LF		2,150		
15	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF		130		
16	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	Like 5	8,000		
17	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	Like 6	220		
18	152386	RELOCATE ROADSIDE SIGN-ONE POST	EA	Like 7	9		
19	566011	ROADSIDE SIGN - ONE POST	EA		30		
20	832005	MIDWEST GUARDRAIL SYSTEM	LF	Like 8	2,596		
21	820107	DELINEATOR (CLASS 1)	EA		130		
22	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	Like 9	7		
23	150809	REMOVE CULVERT	LF		45		
24	650034	48" REINFORCED CONCRETE PIPE	LF		71		

Addendum No. 4, Page 16 of 47

\* NOTE: See Instructions to Bidders, Section 15 "Like Bid Items", on page A8; corrections will apply if Like Bid items cost discrepancies are submitted.

**REVISED PROPOSAL**

ISSUED BY ADDENDUM No. 4  
ATTACHMENT "A"

ITEM No.	ITEM CODE	ITEM	UNIT	Like Bid Item*	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
----------	-----------	------	------	----------------	--------------------	-------------------------	--------------------

**BASE BID SCHEDULE 1: GILMAN SPRINGS ROAD CURVE REALIGNMENT PROJECT**

25	510502	MINOR CONCRETE (MINOR STRUCTURE) [HEADWALLS AND WINGWALLS] (INCLUDING ENERGY DISSIPATOR)	CY		65		
26	520101	BAR REINFORCING STEEL [HEADWALL AND WINGWALLS] (INCLUDING ENERGY DISSIPATOR)	LB		7,530		
27	510526	MINOR CONCRETE (BACKFILL)	CY		25		
28	151512	RECONSTRUCT INLET (CALTRANS STD D74B TYPE GDO)	EA		2		
29	721026	ROCK SLOPE PROTECTION (BACKING NO. 1, METHOD B)	CY		200		
30	729011	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SQYD		300		
31	066201	EROSION CONTROL (HYDROSEED)	ACRE		4		
32	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA) [OVERSIDE DRAIN]	SQYD		20		
33	010601	OBTAIN ENCROACHMENT PERMIT	LS		1		
34	731507	MINOR CONCRETE (GUTTER DEPRESSION) (CALTRANS STD D78C)	CY		5		
35	000003	INSTALL PIPE SWING GATE (RCFC&WD M820)	EA		2		
36	141000	TEMPORARY FENCE (TYPE ESA)	LF		3,000		
37	120165	CHANNELIZER (SURFACE MOUNTED)	EA		8		
37.A	000003	ADJUST TO GRADE EXISTING FIRE HYDRANT (PER EMWD STD B-365), ONE LOCATION, STA 10+30	EA		1		
37.B	000003	INSTALL GUARDS AND MARKER POSTS (PER EMWD STD B-665), TWO LOCATIONS, STA 17+20 AND STA 33+90	EA		2		
37.C	800360	CHAIN LINK FENCE	LF		50		

Addendum No. 4, Page 17 of 47

BASE BID  
SCHEDULE 1

TOTAL: \_\_\_\_\_ \$ \_\_\_\_\_

ITEMS 1-37.C

"WORDS"

\* NOTE: See Instructions to Bidders, Section 15 "Like Bid Items", on page A8; corrections will apply if Like Bid items cost discrepancies are submitted.

**REVISED PROPOSAL**

ISSUED BY ADDENDUM No. 4  
ATTACHMENT "A"

ITEM No.	ITEM CODE	ITEM	UNIT	Like Bid Item*	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID SCHEDULE 2: GILMAN SPRINGS ROAD AND SOBOBA ROAD TRAFFIC SIGNAL PROJECT; AND PAVEMENT REHABILITATION</b>							
38	190101 (F)	ROADWAY EXCAVATION	CY	Like 1	175		
39	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	Like 2	40		
40	039013	HOT MIX ASPHALT	TON	Like 3	780		
41	260201	CLASS 2 AGGREGATE BASE	CY	Like 4	40		
42	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	Like 5	32,100		
43	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	Like 6	1,020		
44	152386	RELOCATE ROADSIDE SIGN-ONE POST	EA	Like 7	2		
45	832005	MIDWEST GUARDRAIL SYSTEM	LF	Like 8	268		
46	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	Like 9	3		
47	066102	DUST ABATEMENT	LS		1		
48	120100	TRAFFIC CONTROL SYSTEM	LS		1		
49	074020	WATER POLLUTION CONTROL	LS		1		
50	170101	DEVELOP WATER SUPPLY	LS		1		
51	160101	CLEARING AND GRUBBING	LS		1		
52	150662	REMOVE METAL BEAM GUARD RAILING	LF		450		
53	197010 (F)	PLACE AND COMPACT EMBANKMENT	CY		1,100		
54	394090	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA) [AC RAMP TRANSITIONS, 3" HMA PAVED AREA]	SQYD		200		
55	017306	MINOR CONCRETE (CURB RAMP) (CRS 403)	EA		3		
56	731623	MINOR CONCRETE (CURB RAMP) [CASE CM PER CALTRANS RSP A88B]	EA		2		
57	731521	MINOR CONCRETE (SIDEWALK)	SQFT		350		
58	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)	LF		50		
59	017304	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)	LF		15		
60	731516	MINOR CONCRETE (DRIVEWAY)	SQFT		825		
61	839514	HANDRAILING [APWA STD 606-3, TYPE B]	LF		40		
62	833077	PEDESTRIAN BARRICADE	EA		1		
63	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA		1		
64	720000	ROCK SLOPE PROTECTION	CY		15		
65	665024	24" CORRUGATED STEEL PIPE (.109" THICK)	LF		8		

Addendum No. 4, Page 18 of 47

\* NOTE: See Instructions to Bidders, Section 15 "Like Bid Items", on page A8; corrections will apply if Like Bid items cost discrepancies are submitted.

**REVISED PROPOSAL**

ISSUED BY ADDENDUM No. 4  
ATTACHMENT "A"

ITEM No.	ITEM CODE	ITEM	UNIT	Like Bid Item*	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID SCHEDULE 2: GILMAN SPRINGS ROAD AND SOBOBA ROAD TRAFFIC SIGNAL PROJECT; AND PAVEMENT REHABILITATION</b>							
66	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA		1		
67	000003	CONSTRUCT MGS CONNECTION TO BRIDGE RAILING [NOTE 37]	EA		2		
68	860201	SIGNAL AND LIGHTING	LS		1		
69	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT		865		
70	150710	REMOVE TRAFFIC STRIPE	LF		23,600		
71	150715	REMOVE THERMOPLASTIC PAVEMENT MARKING	SQFT		1,065		
72	150742	REMOVE (AND SALVAGE) ROADSIDE SIGN (AND POST)	EA		11		
73	566012	ROADSIDE SIGN - TWO POST	EA		2		
74	562004	METAL (RAIL MOUNTED SIGN)	EA		2		
75	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA		1		
76	015602	FUNDING AWARENESS SIGN	EA		2		
77	760090	MOBILIZATION, DEMOBILIZATION AND FINAL CLEANUP	LS		1		
78	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA		1	\$ 50,000.00	\$ 50,000.00
79	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD		4,450		
80	377501	SLURRY SEAL [ TYPE III ]	TON		355		
81	374002	ASPHALTIC EMULSION (FOG SEAL COAT)	SQYD		7,750		
82	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF		1,110		
83	840501	THERMOPLASTIC TRAFFIC STRIPE	LF		1,110		

Addendum No. 4, Page 19 of 47

BASE BID  
SCHEDULE 2

TOTAL: \_\_\_\_\_ \$ \_\_\_\_\_

ITEMS 38-83 "WORDS"

**BASE BID SCHEDULE 1 AND BASE BID SCHEDULE 2**

PROJECT

TOTAL: \_\_\_\_\_ \$ \_\_\_\_\_

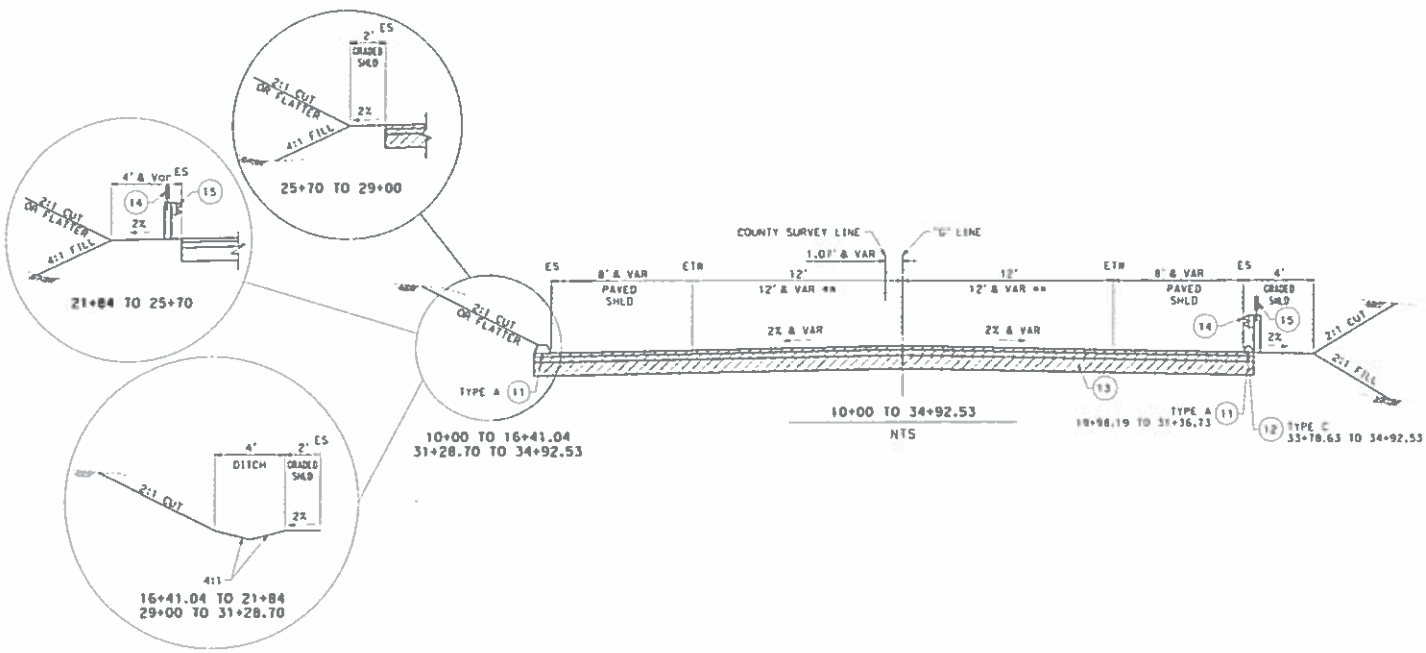
ITEMS 1-83 "WORDS"

\* NOTE: See Instructions to Bidders, Section 15 "Like Bid Items", on page A8; corrections will apply if Like Bid items cost discrepancies are submitted.

ISSUED BY ADDENDUM NO. 4, ATTACHMENT 'B'

**CONSTRUCTION NOTES**

- 1 PROTECT IN PLACE
- 2 REMOVE BY UTILITY COMPANY
- 3 REMOVE BY CONTRACTOR
- 4 RELOCATE
- 5 INSTALL BY OTHERS
- 6 ADJUST MANHOLE (BY OTHERS)
- 7 ADJUST VALVE CAN TO FINISH GRADE
- 8 SLURRY BACKFILL, SEE DETAIL, SHT C-1, DET 5
- 9 CONSTRUCT 18" SPRING GATE PER RTCD STD DRG NO M920
- 10 ABANDONED IN PLACE
- 11 HEADER GRIND 0.12", OVERLAY WITH ASPHALT RUBBERIZED HOT MIX (ARHM) SEE DETAIL, SHT C-1, DET 6
- 12 CONSTRUCT HMA DIKE TYPE "A" PER CALTRANS RSP AB7B
- 13 CONSTRUCT HMA DIKE TYPE "C" PER CALTRANS RSP AB7B
- 14 CONSTRUCT 7" RUBBERIZED HOT MIX ASPHALT (HOT MIX) ON 4" HMA ON 1" CLASS 2 AGGREGATE BASE OVER COMPACTED SUBGRADE
- 15 INSTALL MIDWEST GUARDRAIL SYSTEM (MCSI) PER CALTRANS RSP A7131
- 16 FURNISH AND INSTALL MIDWEST DELINEATOR (CLASS 1) FOR EVERY FOURTH 141 WOS POST PER CALTRANS RSP A7134
- 17 INSTALL CALTRANS APPROVED 31" FLARED TERMINAL SYSTEM END TREATMENT PER CALTRANS RSP A77P1
- 18 INSTALL CALTRANS END ANCHOR ASSEMBLY MIDWEST GUARDRAIL SYSTEM (TYPE SFT) PER CALTRANS RSP A77S1
- 19 REMOVE EXIST CULVERT AND CONSTRUCT 48" RCP (D-LOAD 2000)
- 20 CONSTRUCT HEADBALL PER 2010 CALTRANS STD PLAN DRG
- 21 CONSTRUCT MODIFIED ENERGY DISSIPATOR PER SPP0C 384-3, SEE SHT C-1A
- 22 RECONSTRUCT DROP INLET AND CATCHER DEPRESSION PER CALTRANS STD PLAN D748 AND D76C
- 23 CONSTRUCT ROCK SLOPE PROTECTION SEE CONSTRUCTION SEE SHT C-1, DET 4
- 24 CONSTRUCT HMA OVSERIDE DRAIN PER CALTRANS RSP D87D
- 25 INSTALL GUARD AND MARKER POSTS PER EMDR STD DRG D-565
- 26 TEMPORARY FIBER ROLL PER CALTRANS STD PLAN T56
- 27 TEMPORARY ESA FENCE PER CALTRANS STD PLAN T65
- 28 EROSION CONTROL (HYDROSEEDING)



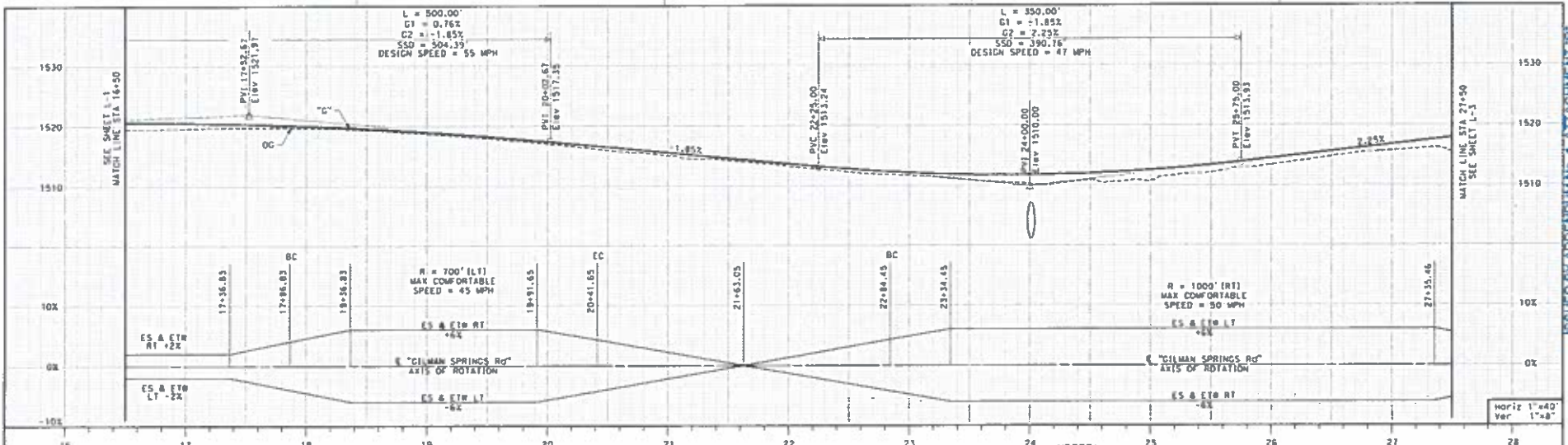
APPROVED BY:	TYPICAL CROSS SECTIONS	SHEET No.
 NEHAL S. JIVRAJ PREPARED BY: <i>[Signature]</i> DATE: 3/9/2016 PROJECT: 901 VIA PIEMONTE, 5TH FLOOR, OAKLAND, CA 94612	<b>GILMAN SPRINGS IMPROVEMENTS PROJECT</b>  NO SCALE	<b>X-1</b>  of 16

RELATIVE BORDER SCALE IS IN INCHES

USER NAME: P:\ALCOM\DCN FILE: P:\... \80186655-SHT-10-000-C-001.dgn

WO C4-0079

COUNTY FILE No. 963-J



**CONSTRUCTION NOTES**

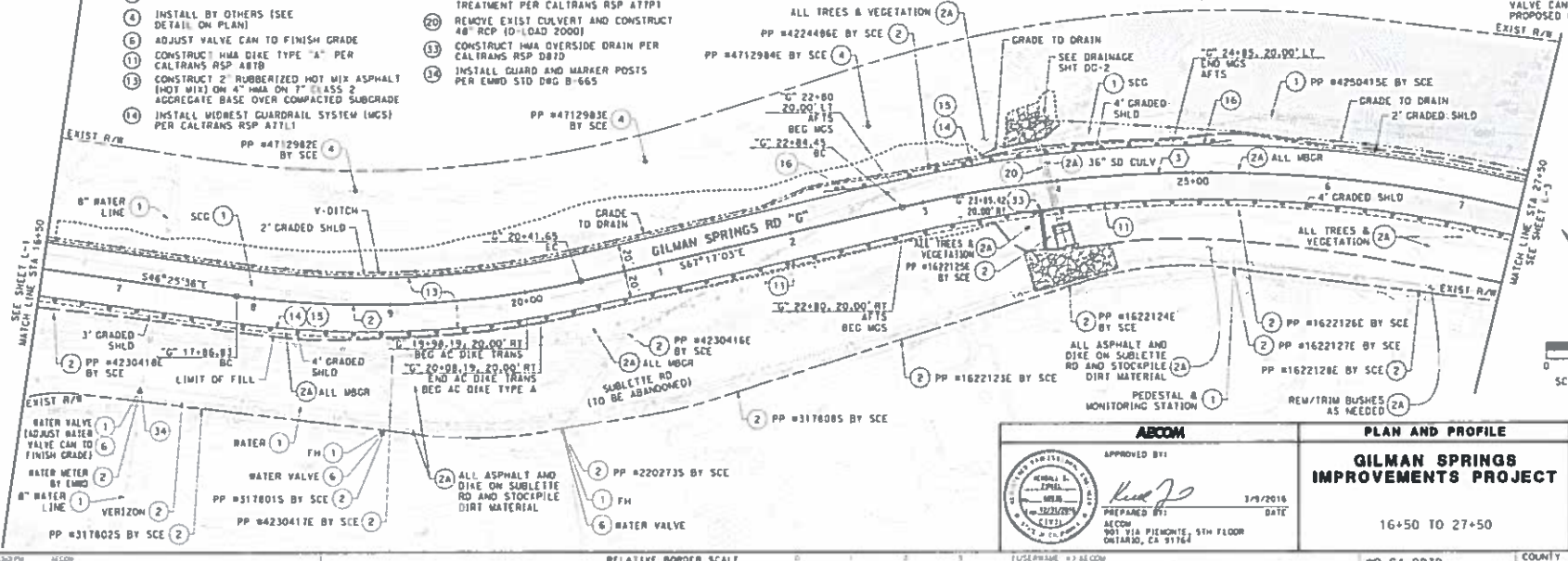
- 1 PROTECT IN PLACE
- 2 REMOVE BY UTILITY COMPANY
- 2A REMOVE BY CONTRACTOR
- 4 INSTALL BY OTHERS (SEE DETAIL ON PLAN)
- 6 ADJUST VALVE CAN TO FINISH GRADE
- 8 CONSTRUCT HMA DIKE TYPE "A" PER CALTRANS RSP 4870
- 13 CONSTRUCT 2" RUBBERIZED HOT MIX ASPHALT (HOT MIX) ON 4" HMA ON 7" CLASS 2 AGGREGATE BASE OVER COMPACTED SUBGRADE
- 14 INSTALL MIDWEST GUARDRAIL SYSTEM (MGS) PER CALTRANS RSP AT111

- 15 FURNISH AND INSTALL MIDWEST DELINEATOR (CLASS 1) FOR EVERY FOURTH (4) MGS POST PER CALTRANS RSP AT774
- 16 INSTALL CALTRANS APPROVED 31" FLARED TERMINAL SYSTEM END TREATMENT PER CALTRANS RSP AT771
- 20 REMOVE EXIST CULVERT AND CONSTRUCT 48" RCP (D=LOAD 2000)
- 23 CONSTRUCT HMA OVERSIDE DRAIN PER CALTRANS RSP D87D
- 24 INSTALL GUARD AND MARKER POSTS PER EMWD STD D8G B-665

CURVE DATA				
NO.	R	Δ	T	L
(2)	700.00'	20°51'26"	120.84'	254.92'
(3)	1000.00'	28°42'22"	255.88'	501.02'

**NOTES:**

1. GRIND IN PLACE ALL EXISTING ASPHALT PAVEMENT AND REGRADE AS NEEDED. EXCESS GRINDINGS SHALL BE USED IN THE FILL AREAS WITHIN THE RECONSTRUCTION SECTIONS OF THE ROADWAY, SEE SPECS.
2. CONTRACTOR SHALL POTHOLE ALL UNDERGROUND UTILITIES PRIOR TO START CONSTRUCTION.
3. CONTRACTOR SHALL REMOVE ALL TREES AND VEGETATION WITHIN THE PROJECT LIMITS OF GILMAN SPRINGS ROAD AND SUBLETTE ROAD.
4. CONTRACTOR SHALL ADJUST VALVE CAN TO THE PROPOSED GRADE.

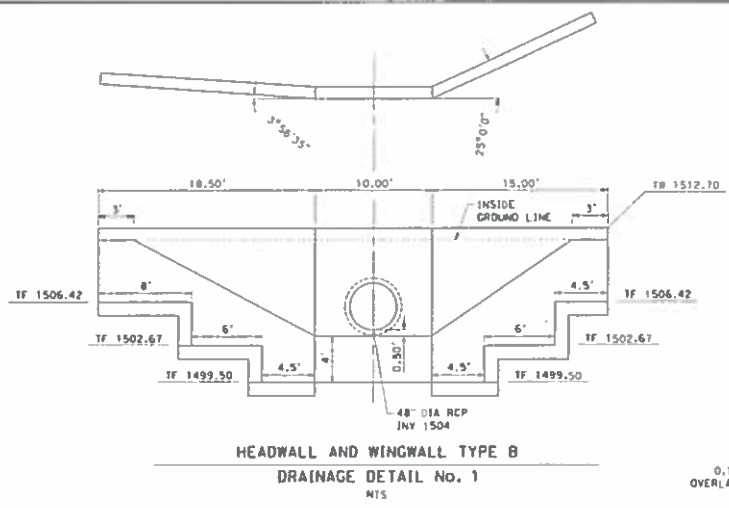


<p><b>ABCOM</b></p> <p>APPROVED BY:</p>  <p>NEIL J. ZIPES MEMBER 3/21/2016 CLT3</p>	<p><b>PLAN AND PROFILE</b></p> <p><b>GILMAN SPRINGS IMPROVEMENTS PROJECT</b></p> <p>16+50 TO 27+50</p> <p>NO C4-0079</p>	<p><b>SHEET No.</b></p> <p><b>L-2</b></p> <p>SHEET 4 OF 16</p>
	<p>DATE: 3/9/2016</p> <p>PREPARED BY: [Signature]</p> <p>ACCOM: 901 VIA PIEMONTE, 5TH FLOOR, ONTARIO, CA 91764</p>	<p>COUNTY FILE NO. <b>963-J</b></p>

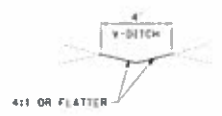
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RELATIVE BORDER SCALE  
 IS 1/8" = 1'

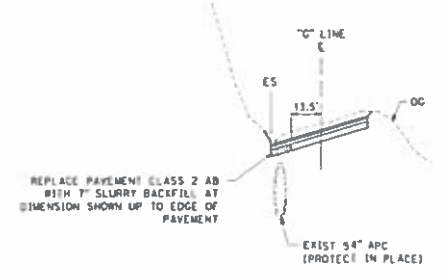
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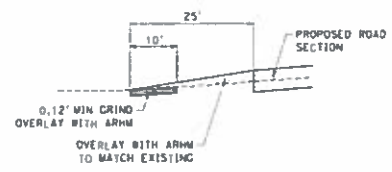
**HEADWALL AND WINGWALL TYPE B**  
**DRAINAGE DETAIL No. 1**  
 NTS



**DRAINAGE V-DITCH**  
**DRAINAGE DETAIL No. 3**  
 NTS



**SLURRY BACKFILL**  
**DRAINAGE DETAIL No. 5**  
 NTS



**HEADER CUT DETAIL**  
**DRAINAGE DETAIL No. 6**  
 NTS

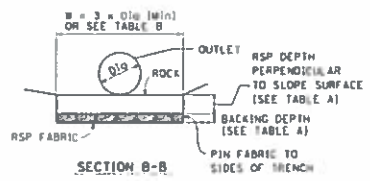
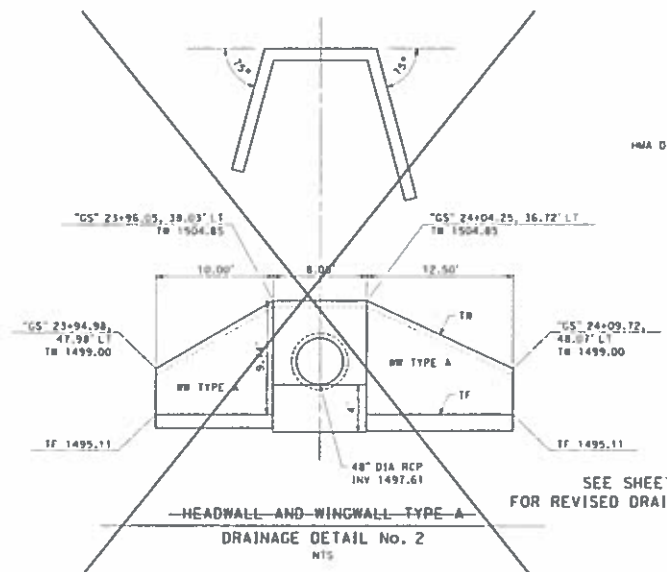
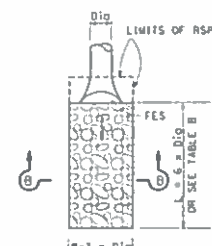


TABLE A			
ROCK	RSP MINIMUM DEPTH (ft)	BACKING DEPTH (ft)	RSP-FABRIC TYPE
LIGHT	2.5	NONE	TYPE B

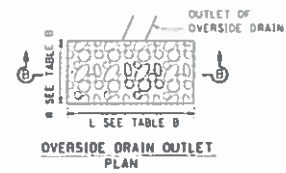


**HEADWALL AND WINGWALL TYPE A**  
**DRAINAGE DETAIL No. 2**  
 NTS  
 SEE SHEET C-1A FOR REVISED DRAINAGE DETAIL 2

NOTES:  
 1. HEADWALLS AND WINGWALLS PER CALTRANS STD PLAN D90



**FES OUTLET PLAN**

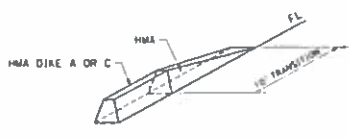


**OVERSIDE DRAIN OUTLET PLAN**

TABLE B - RSP SUMMARY				
DRAINAGE SYSTEM No.	PIPE Dig.	W	L	RSP SIZE
1 U/S	48"	42'	26'	LIGHT
1 D/S	48"	63'	31'	LIGHT

- NOTES:
- RSP FABRIC SHALL NOT PROTRUDE ABOVE GROUND. TRIM FABRIC BELOW GROUND TO NO MORE THAN TWO INCHES BELOW GROUND SURFACE.
  - RSP WIDTH AND LENGTH SHALL BE AS SHOWN ON THESE DETAILS UNLESS SHOWN OTHERWISE ON TABLE B OR AS SHOWN OTHERWISE ON THE PLANS.

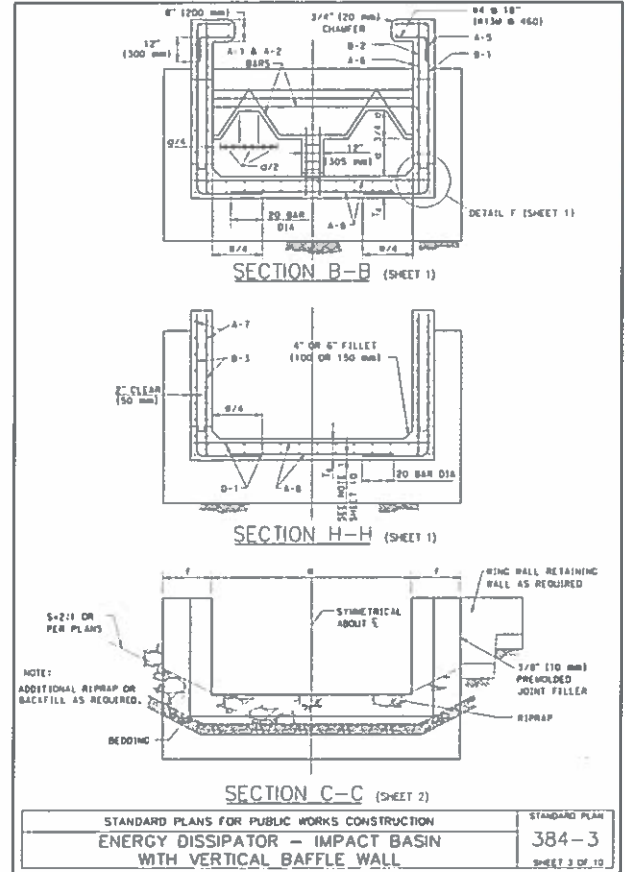
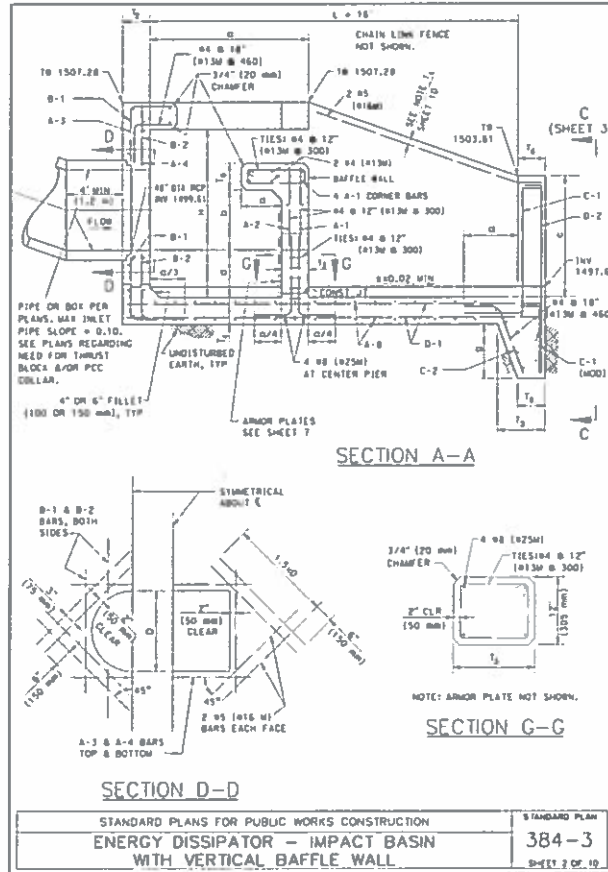
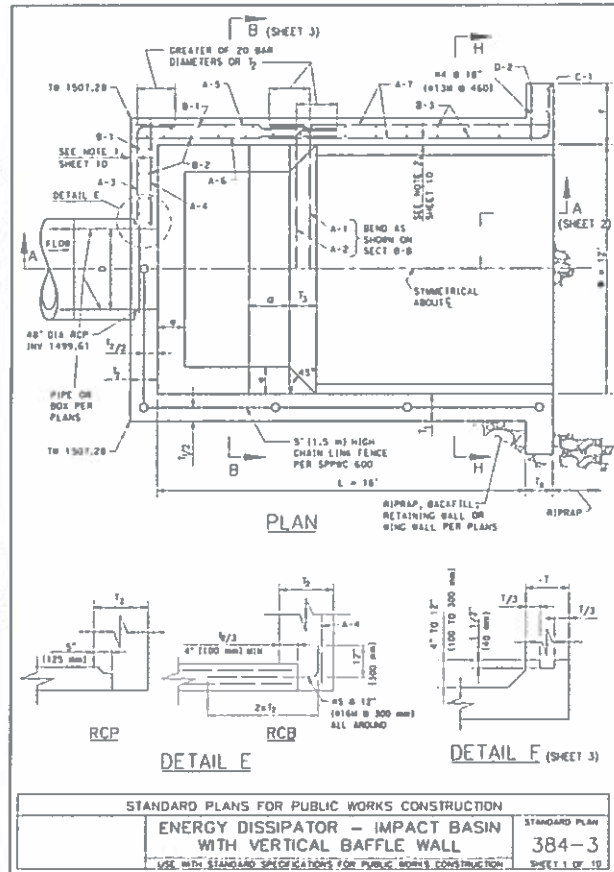
**ROCK SLOPE PROTECTION DETAILS**  
**DRAINAGE DETAIL No. 4**  
 NTS



**DIKE TRANSITION**  
**DRAINAGE DETAIL No. 7**  
 NTS

	<b>CONSTRUCTION DETAILS</b> <b>GILMAN SPRINGS IMPROVEMENTS PROJECT</b>	<b>SHEET No.</b> <b>C-1</b>
	APPROVED BY: <i>[Signature]</i> 3/9/2016 PREPARED BY: <i>[Signature]</i> DATE ACORN 901 VIA PIEMONTE, 5TH FLOOR OAKLAND, CA 94612	SHEET 6 OF 16

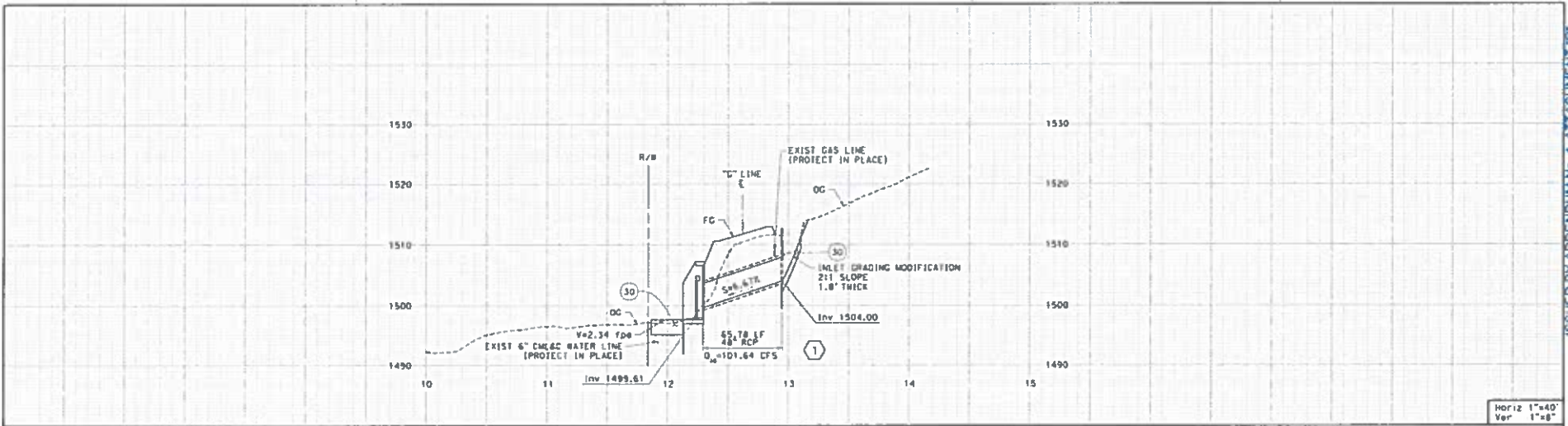




**MODIFIED ENERGY DISSIPATOR - IMPACT BASIN WITH VERTICAL BAFFLE WALL**  
**WIDTH = 12'-0"**  
**REVISED DRAINAGE DETAIL No. 2**  
 NTS

- NOTES:
1. DETAILS MODIFIED PER STD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPPWC) NO. 384-3
  2. SEE SPPWC STD PLAN 384-3 FOR REMAINING SHEETS 4 THROUGH 10
  3. USE WIDTH = 12'-0"

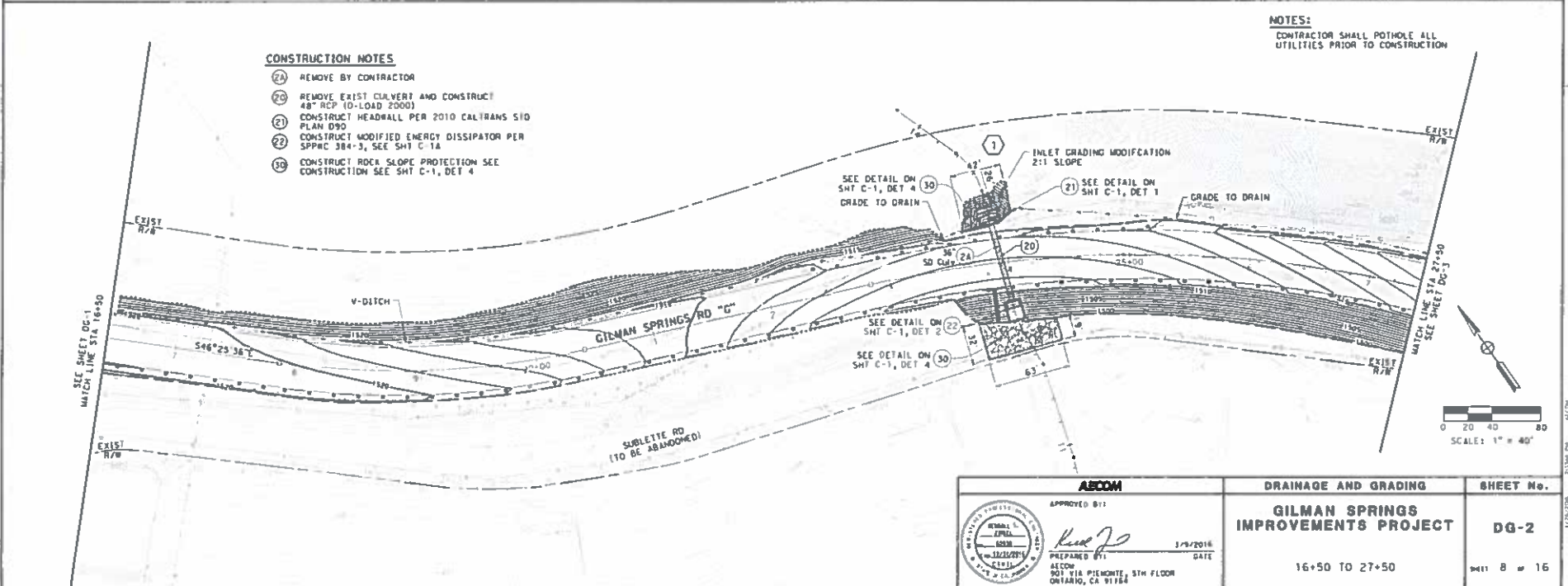
	APPROVED BY:  KEVIN J. O'CONNELL PREPARED BY: DATE: 3/9/2018	<b>CONSTRUCTION DETAILS</b> <b>GILMAN SPRINGS IMPROVEMENTS PROJECT</b> SHEET No. <b>C-1A</b> SHEET 6A OF 16
	PROJECT: 501 910 PRELUDE - 5TH FLOOR OXFORD, CA 95161 COUNTY FILE NO. <b>963</b>	



HORIZ 1"=40'  
VERT 1"=8'

NOTES:  
CONTRACTOR SHALL POTHOLE ALL UTILITIES PRIOR TO CONSTRUCTION

- CONSTRUCTION NOTES**
- (2A) REMOVE BY CONTRACTOR
  - (20) REMOVE EXIST CULVERT AND CONSTRUCT 48" RCP (D-LOAD 2000)
  - (21) CONSTRUCT HEADWALL PER 2010 CALTRANS SID PLAN D90
  - (22) CONSTRUCT MODIFIED ENERGY DISSIPATOR PER SPPHC 384-3, SEE SH1 C-1A
  - (30) CONSTRUCT ROER SLOPE PROTECTION SEE CONSTRUCTION SEE SH1 C-1, DET 4



SCALE: 1" = 40'

**ASDCM**

APPROVED BY: *[Signature]* 1/9/2016 DATE

PREPARED BY: ASDCM 901 VIA PIEMONTE, 5TH FLOOR, OAKLAND, CA 94612

DRAINAGE AND GRADING	SHEET No.
<b>GILMAN SPRINGS IMPROVEMENTS PROJECT</b>	<b>DG-2</b>
16+50 TO 27+50	SHEET 8 OF 16

1/9/2016 11:30:45 AM C:\PROJECTS\16082015\16082015.dwg Plot Date: 1/9/2016 11:30:45 AM Plot Scale: 1"=40' Plot Area: 16+50 TO 27+50

RELATIVE BORDER SCALE 1/4" = 1 INCHES

USE: DRAWING FILE: 16082015-16082015-SHT 30-000-C-1002.dwg

WO C4-0079

COUNTY FILE No. 963

COUNTY OF RIVERSIDE  
TRANSPORTATION DEPARTMENT

PROJECT PLANS FOR CONSTRUCTION ON  
**GILMAN SPRINGS ROAD**

APPROX 1000' N'ly OF SUBLETTE ROAD  
TO STATE ROUTE 79

**INDEX OF SHEETS**

SHEET No.	DESCRIPTION
1	TITLE
2	TYPICAL CROSS SECTIONS
3 - 7	LAYOUT
8 - 13	PAYEMENT DELINEATION

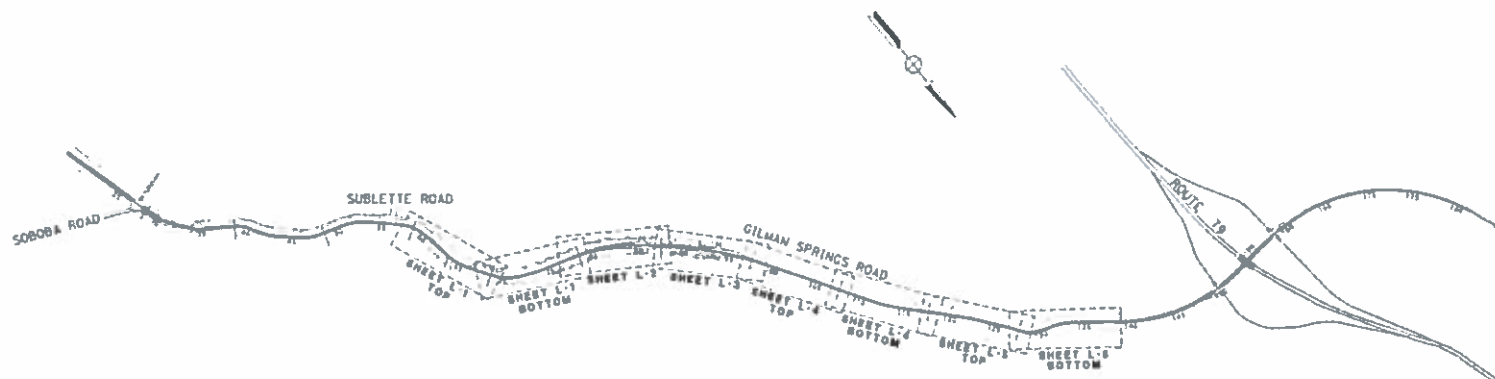
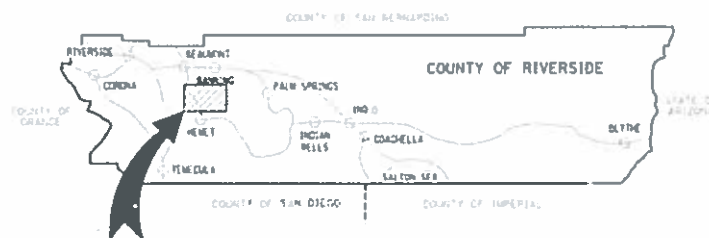
**ABBREVIATIONS**

W/L	WATER LINE
U	UNDERGROUND NATURAL GAS
E	UNDERGROUND ELECTRICAL
S	STATION LINE

**NOTES**

1. ALL MATERIAL AND WORK SHALL CONFORM TO THE 2010 EDITION OF THE PLANS AND SPECIFICATIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.
2. LOCATIONS OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS AND VERIFY ALL CONDITIONS ON THE JOB SITE PRIOR TO COMMENCING WORK. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY ALL CONCERNED UTILITY COMPANIES AT LEAST 48 HOURS IN ADVANCE OF EXCAVATION. CALL UNDERGROUND SERVICE ALERT AT (800) 221-2600.
3. SEE CALTRANS STANDARD PLANS ES-1A AND ES-1B FOR SYMBOL AND ABBREVIATION LEGEND.
4. EXISTING PRIVATELY OWNED IMPROVEMENTS ON PUBLIC RIGHT-OF-WAY SHALL BE PROTECTED OR REPLACED IF DAMAGED, AS DIRECTED BY THE ENGINEER.
5. CONTRACTOR LICENSE CLASS A OR C-12 REQUIRED

TO BE SUPPLEMENTED BY CALTRANS STANDARD PLANS DATED 2010 AND COUNTY OF RIVERSIDE ROAD IMPROVEMENT STANDARDS DATED 12-20-2007



DESIGNED BY	TITLE	SHEET No.
 APPROVED BY: <i>CS</i> 2/24/16 DATE CHARLES J. STALEY PROJECT MANAGER COUNTY OF RIVERSIDE	<b>GILMAN SPRINGS ROAD</b> PAVEMENT REHABILITATION NO SCALE	SHEET 1 OF 13 963-K

RELATIVE BOROSK SCALE  
1/8" = 1' INCHES

NO ES-0065

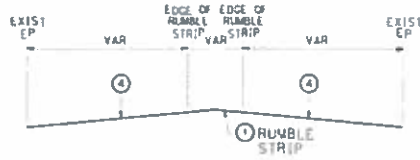
COUNTY FILE No.

963-K

ISSUED BY ADDENDUM No. 4, ATTACHMENT 'B'

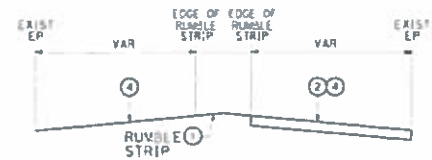
**CONSTRUCTION NOTES:**

- ① PROTECT
- ② GRIND ASPHALT 0.25" AND OVERLAY WITH 0.25" HMA, AS DIRECTED BY THE RESIDENT ENGINEER
- ③ REPLACE ALL PAVEMENT MARKERS AS DIRECTED BY THE RESIDENT ENGINEER
- ④ PLACE TYPE 3 SLURRY SEAL AS DIRECTED BY THE RESIDENT ENGINEER
- ⑤ CONSTRUCT RUMBLE STRIP AS DIRECTED BY THE RESIDENT ENGINEER



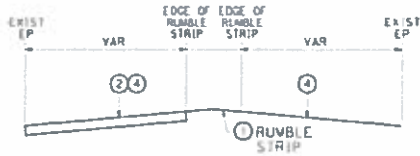
**GILMAN SPRINGS ROAD**

APPROX STA 62+00 TO STA 69+50  
 APPROX STA 72+50 TO STA 81+00  
 APPROX STA 83+50 TO STA 88+00  
 APPROX STA 91+25 TO STA 104+00  
 APPROX STA 115+00 TO STA 116+50  
 APPROX STA 117+50 TO STA 137+50



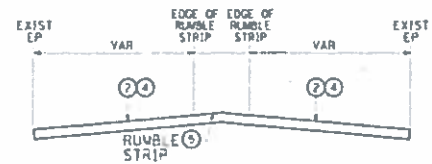
**GILMAN SPRINGS ROAD**

APPROX STA 104+00 TO STA 112+00



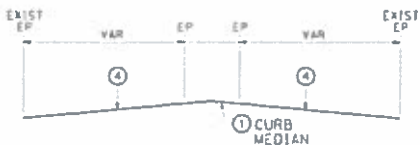
**GILMAN SPRINGS ROAD**

APPROX STA 69+50 TO STA 72+50  
 APPROX STA 116+50 TO STA 117+50



**GILMAN SPRINGS ROAD**

APPROX STA 112+00 TO STA 115+00  
 APPROX STA 137+50 TO STA 139+71



**GILMAN SPRINGS ROAD**

APPROX STA 81+00 TO STA 83+50  
 APPROX STA 88+00 TO STA 91+25

DESIGNED BY	TYPICAL CROSS SECTION	SHEET No.
APPROVED BY:  CS Stanley PROJECT MANAGER COUNTY OF RIVERSIDE	<b>GILMAN SPRINGS RD                      PAVEMENT REHABILITATION</b> NO SCALE	<b>X-1</b>  PAGE 2 of 13

ISSUED BY ADDENDUM No. 4, ATTACHMENT "B"

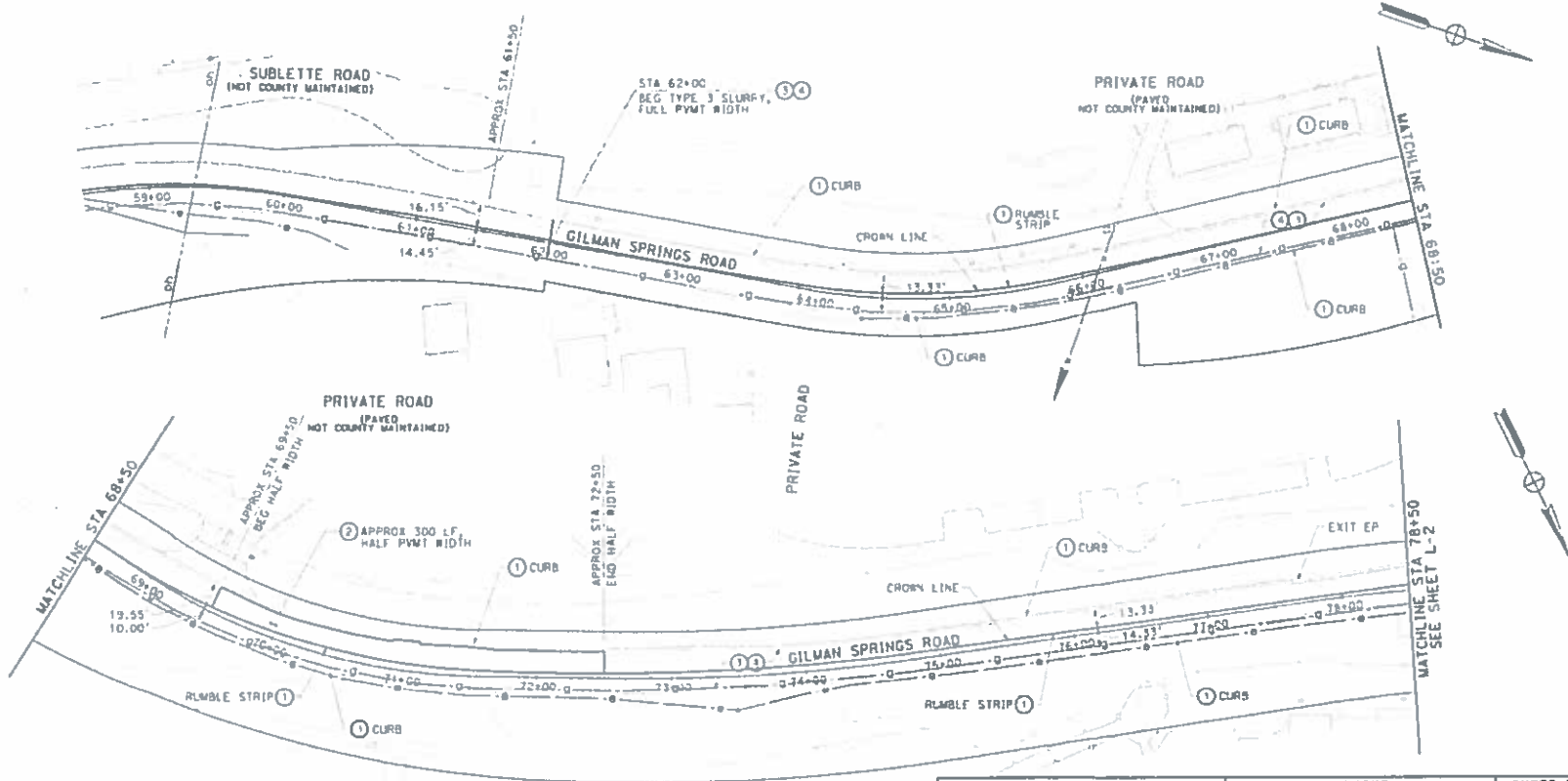
PROJECT 2024-02-15 1:18 PM 11-14-24-04, N: 00 BT 2 1-5448 Rev 1.0/07

**NOTES:**

1. DIMENSIONS AND PAVEMENT AREAS SHOULD BE VERIFIED BY CONTRACTOR WITH RESIDENT ENGINEER PRIOR TO STARTING ANY WORK.

**CONSTRUCTION NOTES:**

- 1 PROTECT
- 2 GRIND ASPHALT 0.25" AND OVERLAY WITH 0.25" HMA, AS DIRECTED BY THE RESIDENT ENGINEER
- 3 REPLACE ALL PAVEMENT MARKERS, AS DIRECTED BY THE RESIDENT ENGINEER
- 4 PLACE TYPE 3 SLURRY SEAL, AS DIRECTED BY THE RESIDENT ENGINEER
- 5 CONSTRUCT RUMBLE STRIP, AS DIRECTED BY THE RESIDENT ENGINEER



<p>DESIGNED BY</p> <p>APPROVED BY:</p> <p>CHAD E. STILES PROJECT MANAGER COUNTY OF RIVERSIDE</p>	<p>LAYOUT</p> <p><b>GILMAN SPRINGS RD PAVEMENT REHABILITATION</b></p> <p>NO SCALE</p>	<p>SHEET No.</p> <p><b>L-1</b></p> <p>3 of 13</p>
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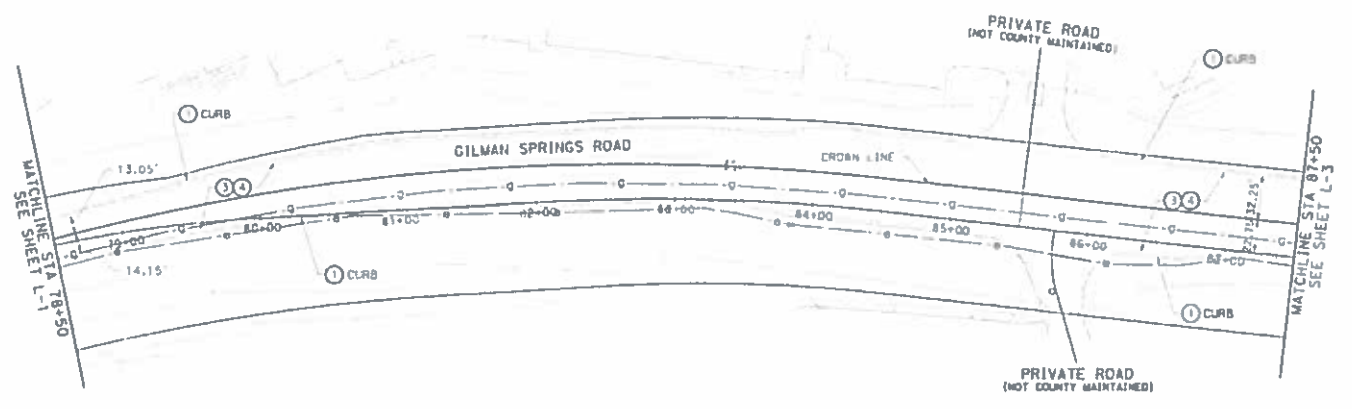
ISSUED BY ADDENDUM No 4 ATTACHMENT 'B'

**NOTE:**

1. SEE SHEET L-1.

**CONSTRUCTION NOTES:**

- ① PROTECT
- ② GRIND ASPHALT 0.25' AND OVERLAY WITH 0.25' HMA, AS DIRECTED BY THE RESIDENT ENGINEER
- ③ REPLACE ALL PAYMENT MARKERS, AS DIRECTED BY THE RESIDENT ENGINEER
- ④ PLACE TYPE 3 SLURRY SEAL, AS DIRECTED BY THE RESIDENT ENGINEER
- ⑤ CONSTRUCT RUMBLE STRIP, AS DIRECTED BY THE RESIDENT ENGINEER



<p><b>DESIGNED BY</b></p> <p>APPROVED BY:</p>  <p><i>CS</i></p> <p>CHARLES E. STALEY PROJECT MANAGER COUNTY OF RIVERSIDE</p>	<p><b>LAYOUT</b></p> <p><b>GILMAN SPRINGS RD PAVEMENT REHABILITATION</b></p> <p>NO SCALE</p>	<p><b>SHEET No.</b></p> <p><b>L-2</b></p> <p>sheet 4 of 13</p>
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RELATIVE BORDER SCALE

RD 75-0065

COUNTY

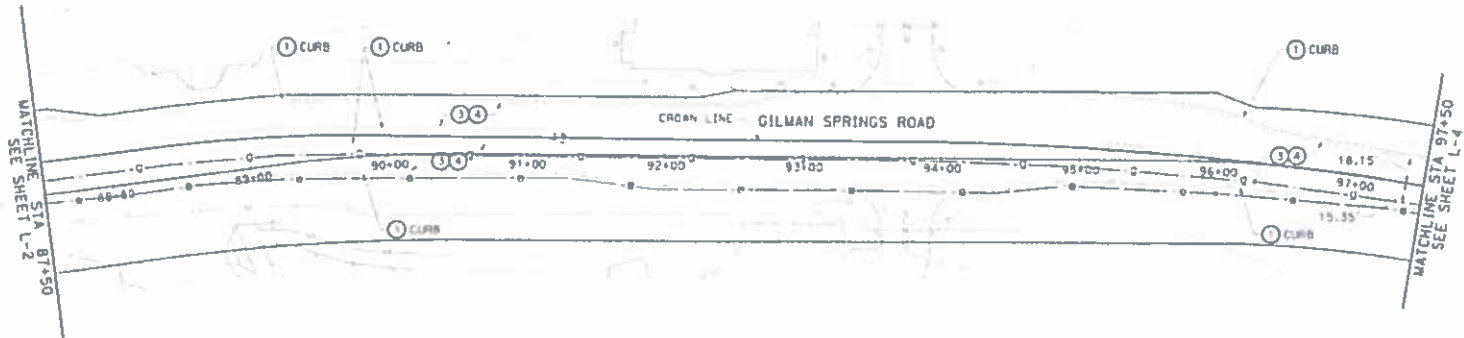
**963-K**

**NOTE:**

1. SEE SHEET L-1.

**CONSTRUCTION NOTES:**

- ① PROTECT
- ② GRIND ASPHALT 0.25' AND OVERLAY WITH 0.25' HMA, AS DIRECTED BY THE RESIDENT ENGINEER
- ③ REPLACE ALL PAYEMENT MARKERS, AS DIRECTED BY THE RESIDENT ENGINEER
- ④ PLACE TYPE 3 SLURRY SEAL, AS DIRECTED BY THE RESIDENT ENGINEER
- ⑤ CONSTRUCT RUMBLE STRIP, AS DIRECTED BY THE RESIDENT ENGINEER



<p><b>DESIGNED BY</b></p> <p>APPROVED BY:</p>  <p><i>CS</i> CHARLES STALEY PROJECT MANAGER COUNTY OF RICHMOND</p> <p><i>7/28/04</i> c/s</p>	<p><b>LAYOUT</b></p> <p><b>GILMAN SPRINGS RD PAVEMENT REHABILITATION</b></p> <p>NO SCALE</p>	<p><b>SHEET No.</b></p> <p><b>L-3</b></p> <p>PAGE 5 of 13</p>
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RELATIVE BORDER SCALE

NO CS-0065

COUNTY FILE NO. 963-K

ISSUED BY ADDENDUM NO 4 ATTACHMENT 'B'

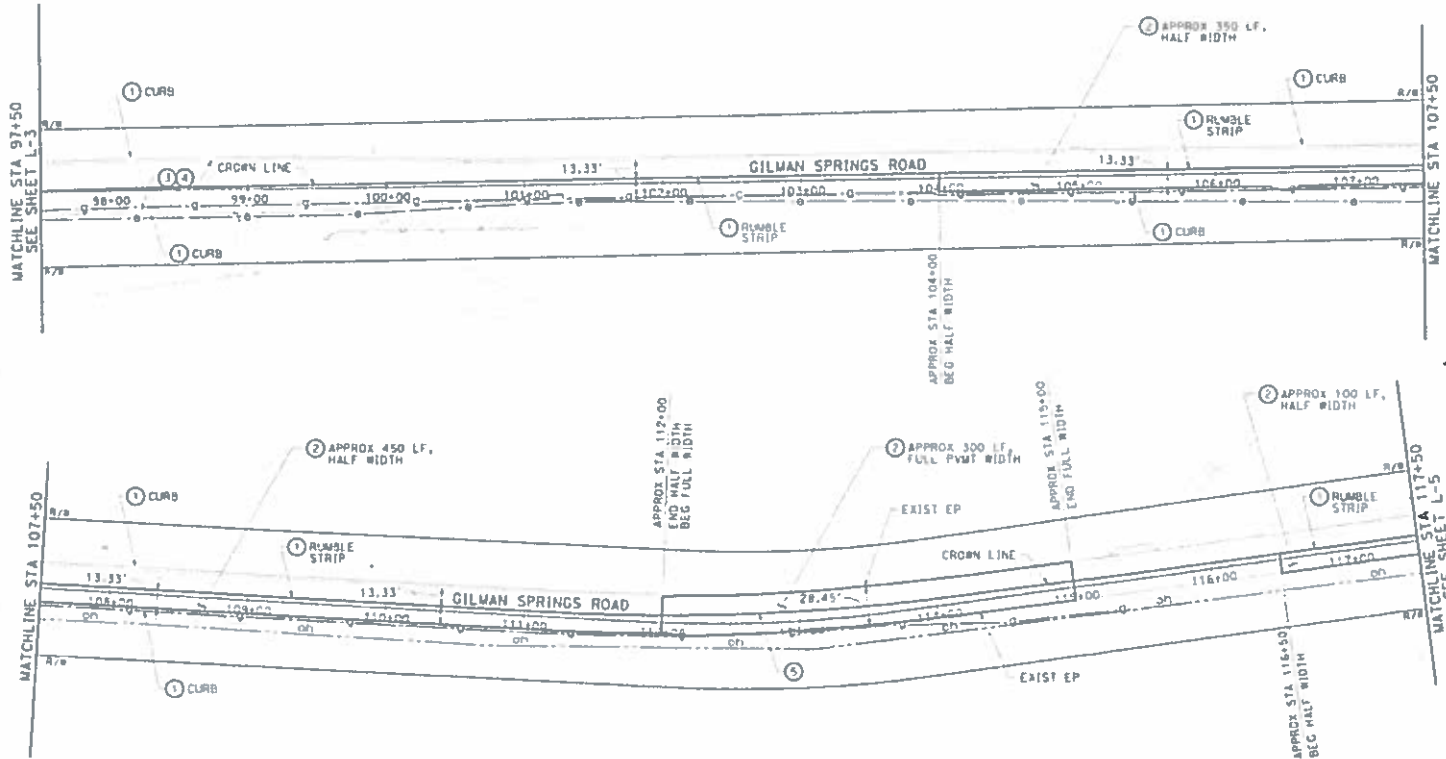
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**NOTE:**

1. SEE SHEET L-1.

**CONSTRUCTION NOTES:**

- 1 PROTECT
- 2 CRIND ASPHALT 0.25' AND OVERLAY WITH 0.25' HMA AS DIRECTED BY THE RESIDENT ENGINEER
- 3 REPLACE ALL PAVEMENT MARKERS, AS DIRECTED BY THE RESIDENT ENGINEER
- 4 PLACE TYPE 3 SLURRY SEAL, AS DIRECTED BY THE RESIDENT ENGINEER
- 5 CONSTRUCT RUMBLE STRIP, AS DIRECTED BY THE RESIDENT ENGINEER



	DESIGNED BY	LAYOUT	SHEET No.
	APPROVED BY: <i>CSS</i> CHARLES S. STALEY PROJECT MANAGER COUNTY OF RIVERSIDE	DATE: 7/24/08	GILMAN SPRINGS RD PAVEMENT REHABILITATION NO SCALE

ISSUED BY ADDENDUM No 4, ATTACHMENT 'B'

DATE: 7/24/08

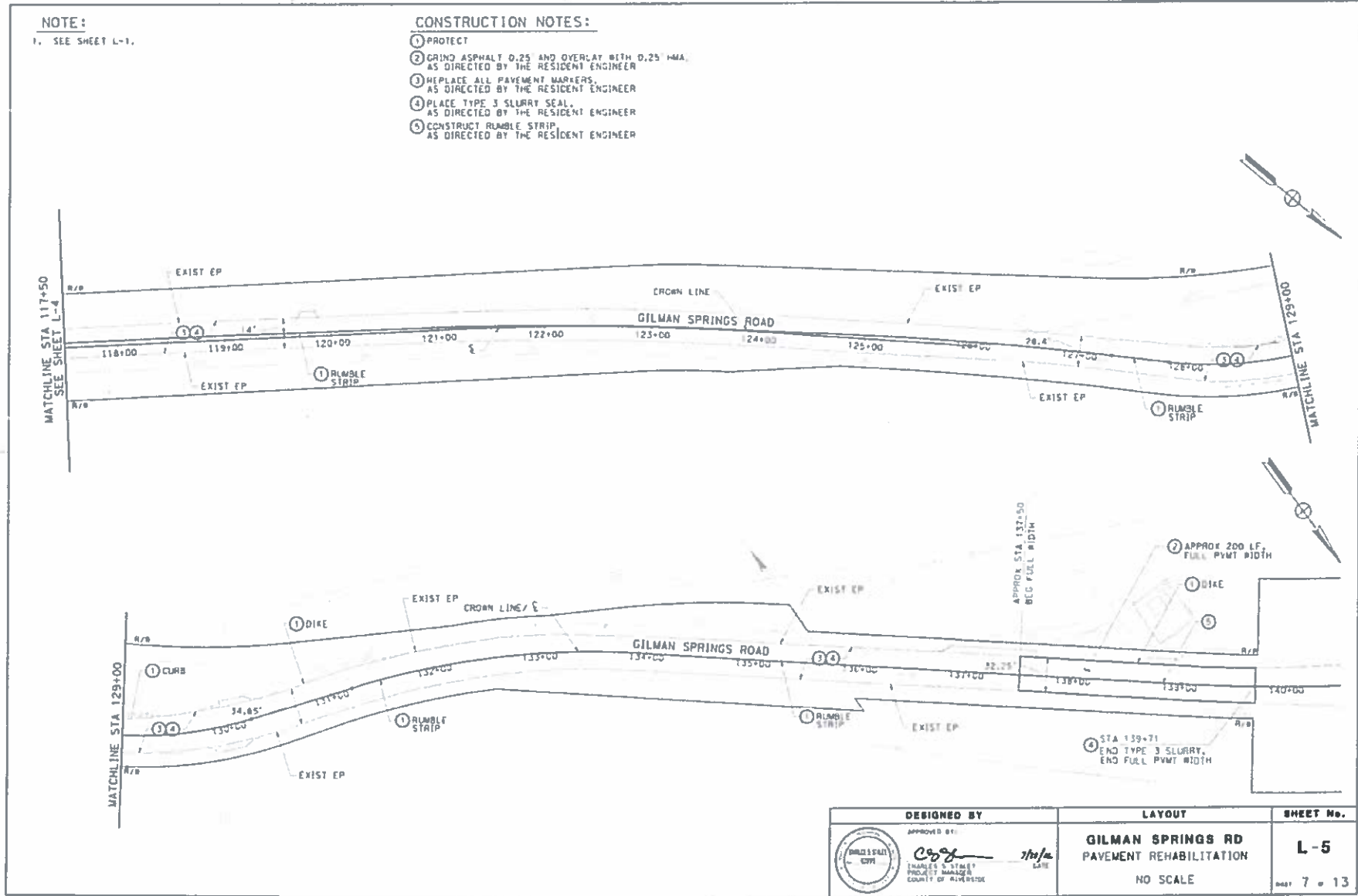


**NOTE:**

1. SEE SHEET L-1.

**CONSTRUCTION NOTES:**

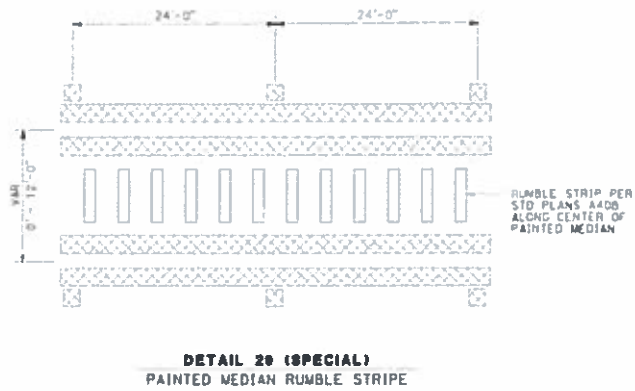
- ① PROTECT
- ② GRIND ASPHALT 0.25" AND OVERLAY WITH 0.25" HMA, AS DIRECTED BY THE RESIDENT ENGINEER
- ③ REPLACE ALL PAVEMENT MARKERS, AS DIRECTED BY THE RESIDENT ENGINEER
- ④ PLACE TYPE 3 SLURRY SEAL, AS DIRECTED BY THE RESIDENT ENGINEER
- ⑤ CONSTRUCT RUMBLE STRIP, AS DIRECTED BY THE RESIDENT ENGINEER



ISSUED BY ADDENDUM No. 4, ATTACHMENT 'B'

**NOTES:**

1. CAL-TRACK STRIPING PRIOR TO INSTALLATION, AS DIRECTED BY THE RESIDENT ENGINEER
2. GRIND ALL THERMOPLASTIC STRIPING AND LEGENDS, AS DIRECTED BY THE RESIDENT ENGINEER
3. REMOVE EXISTING STRIPING DETAILS 27B, 3B AND 8" THERMOPLASTIC STRIPE, AS DIRECTED BY THE RESIDENT ENGINEER.



	DESIGNED BY	PAYEMENT DELINEATION & SIGN PLAN	SHEET No.
	APPROVED BY  DATE 7/6/18	GILMAN SPRINGS RD PAVEMENT REHABILITATION NO SCALE	PD-1 SHEET 8 of 13

RELATIVE BORDER SCALE  
1/8" = 1'-0" (INCHES)

COUNTY OF RIVERSIDE  
PROJECT NUMBER: 18-001-001

NO CS-0085

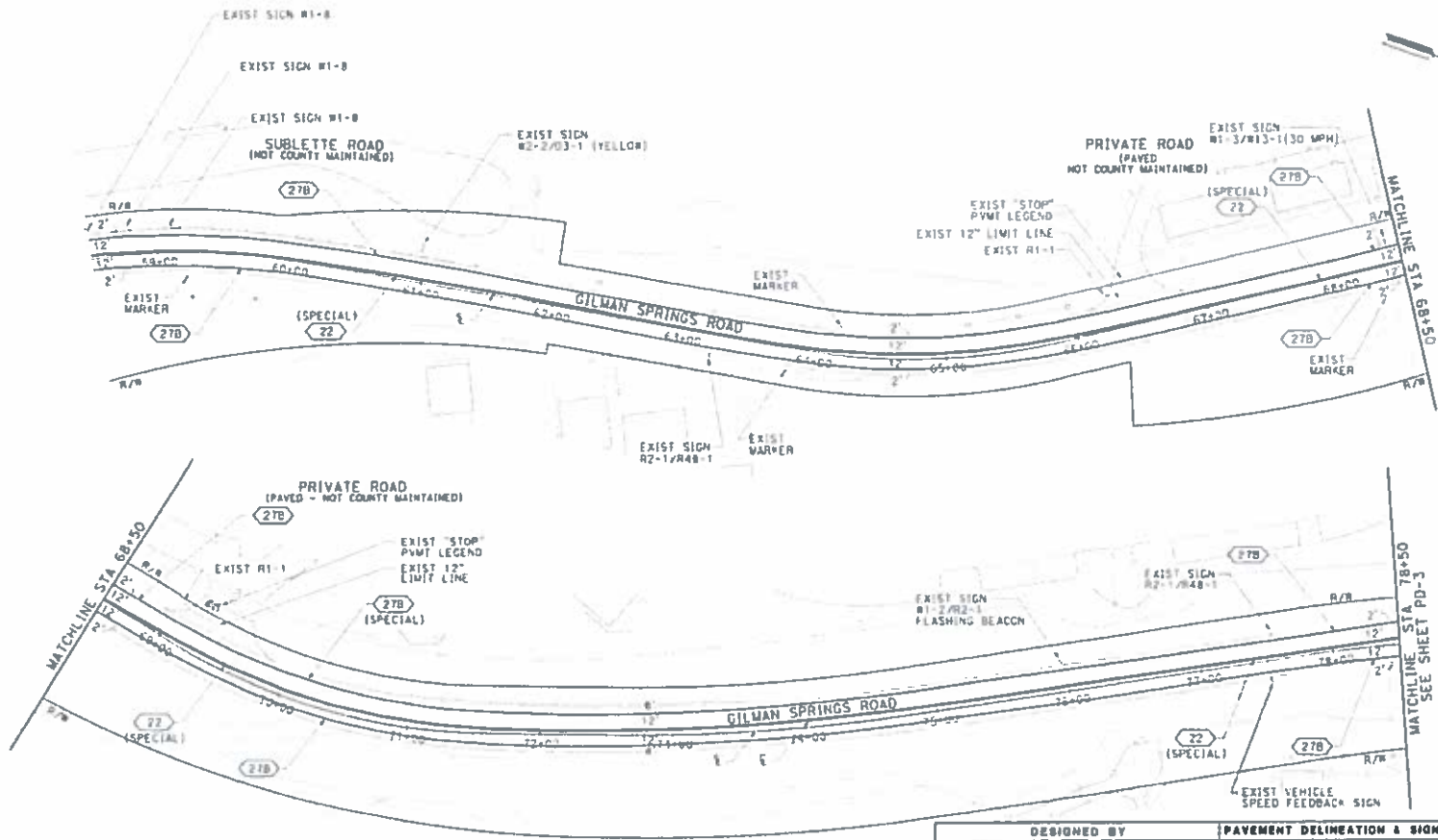
COUNTY FILE No. 963-K

ISSUED BY ADDENDUM No 4, ATTACHMENT "B"

PROJECTED TO BE SHOWN AT 1/8" = 1'-0" (1/4" = 1'-0")

**NOTE:**

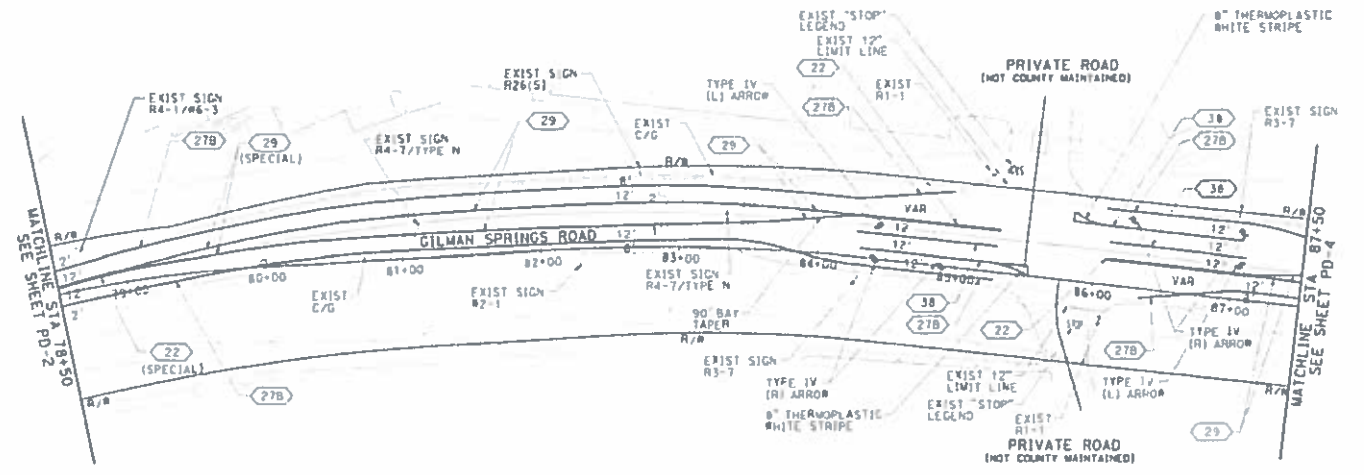
1. SEE SHEET PD-1.



 <p>DESIGNED BY  <small>APPROVED BY:</small>    <small>DATE</small> 7/20/16          COUNTY ENGINEER          COUNTY OF RIVERSIDE</p>	<p><b>PAVEMENT DELINEATION &amp; SIGN PLAN</b></p> <p><b>GILMAN SPRINGS RD          PAVEMENT REHABILITATION</b></p> <p>NO SCALE</p>	<p><b>SHEET No.</b></p> <p><b>PD-2</b></p>
		<p>DATE 9 = 13</p>

ISSUED BY ADDENDUM No 4 ATTACHMENT 'B'

**NOTE:**  
1. SEE SHEET PD-1.



<p><b>DESIGNED BY</b></p> <p>APPROVED BY:</p> <p><i>[Signature]</i></p> <p>DATE: 2/27/14</p>	<p><b>PAVEMENT DELINEATION &amp; SIGN PLAN</b></p> <p><b>GILMAN SPRINGS RD</b></p> <p><b>PAVEMENT REHABILITATION</b></p> <p>NO SCALE</p>	<p><b>SHEET No.</b></p> <p><b>PD-3</b></p> <p>OF 10 = 13</p>
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RELATIVE BORDER SCALE  
1" = 100'

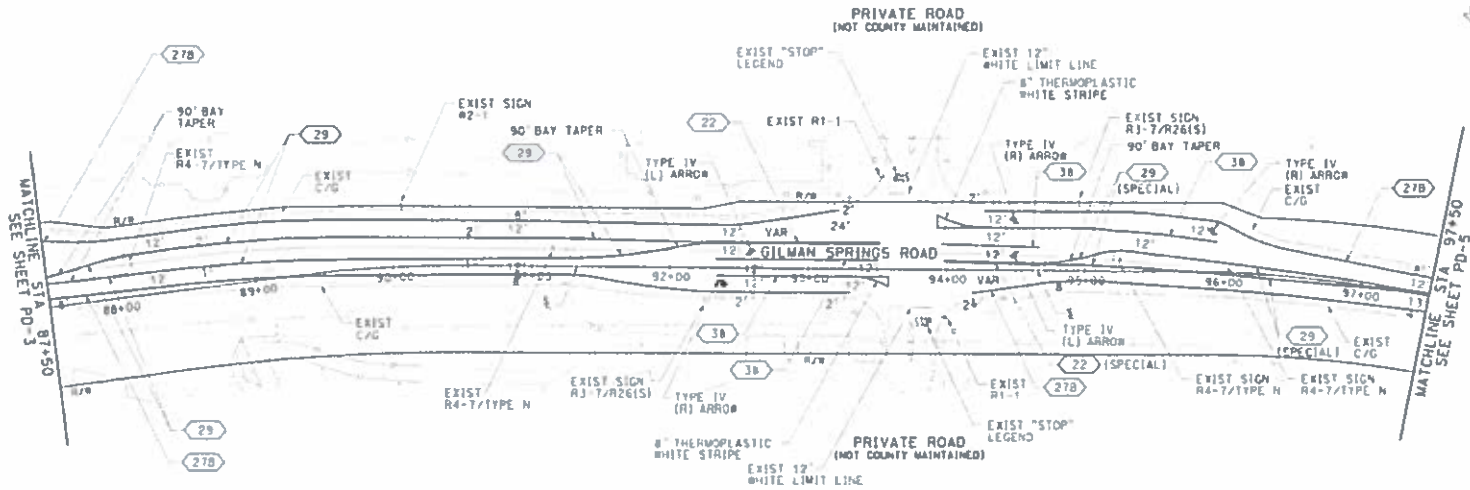
RD 75-0065

COUNTY FILE No.

**963-K**

**NOTE:**

1. SEE SHEET PD-1.

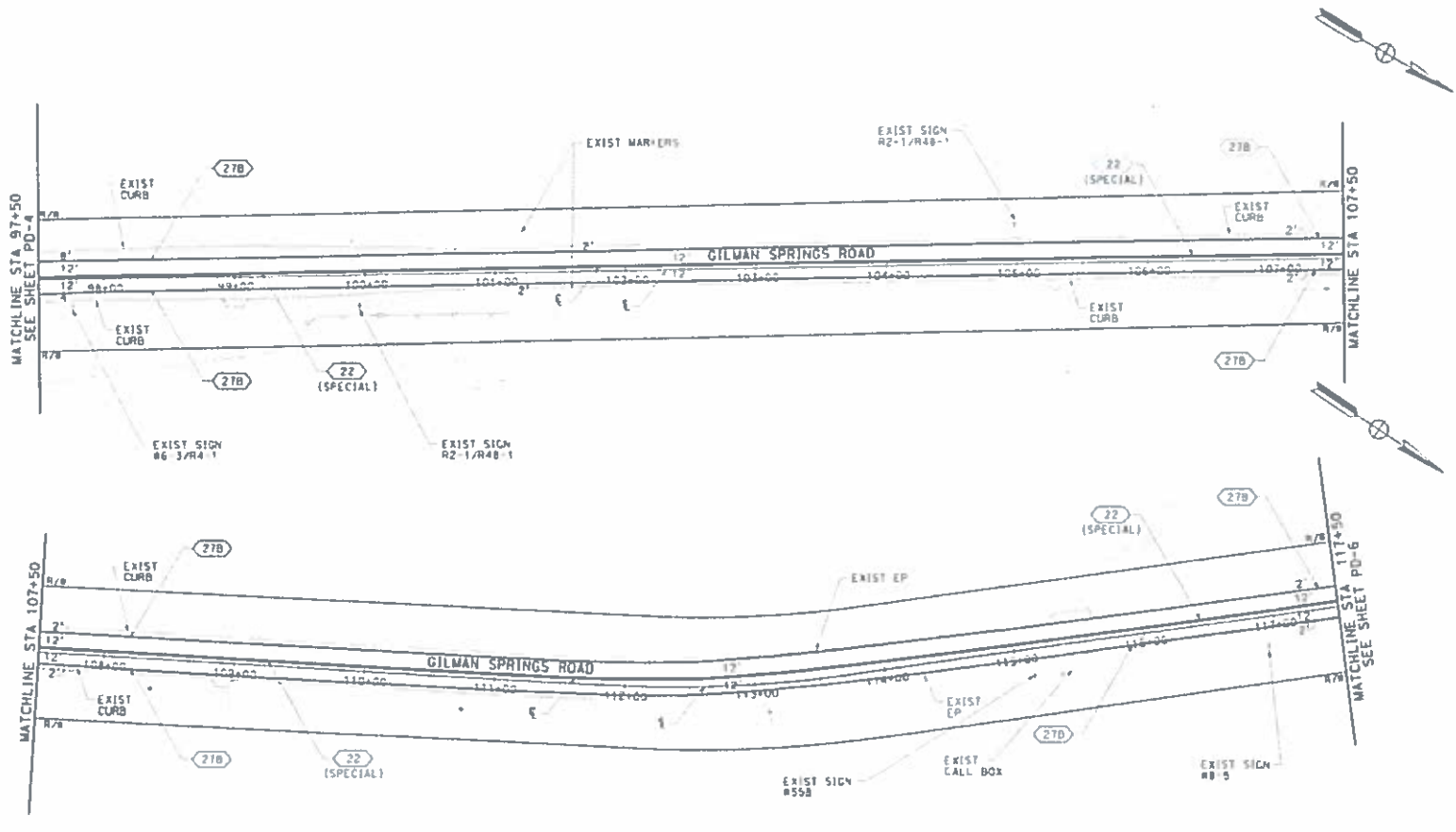


ISSUED BY ADDENDUM No 4, ATTACHMENT 'B'

DESIGNED BY	PAYEMENT DELINEATION & SIGN PLAN	SHEET No.
APPROVED BY:  DATE: 2/19/16	<b>GILMAN SPRINGS RD PAVEMENT REHABILITATION</b>	<b>PD-4</b>
PROJECT MANAGER COUNTY OF PEPPERDINE	NO SCALE	Sheet 11 of 13
	RD C5-0065	COUNTY FILE No. <b>963-K</b>

**NOTE:**

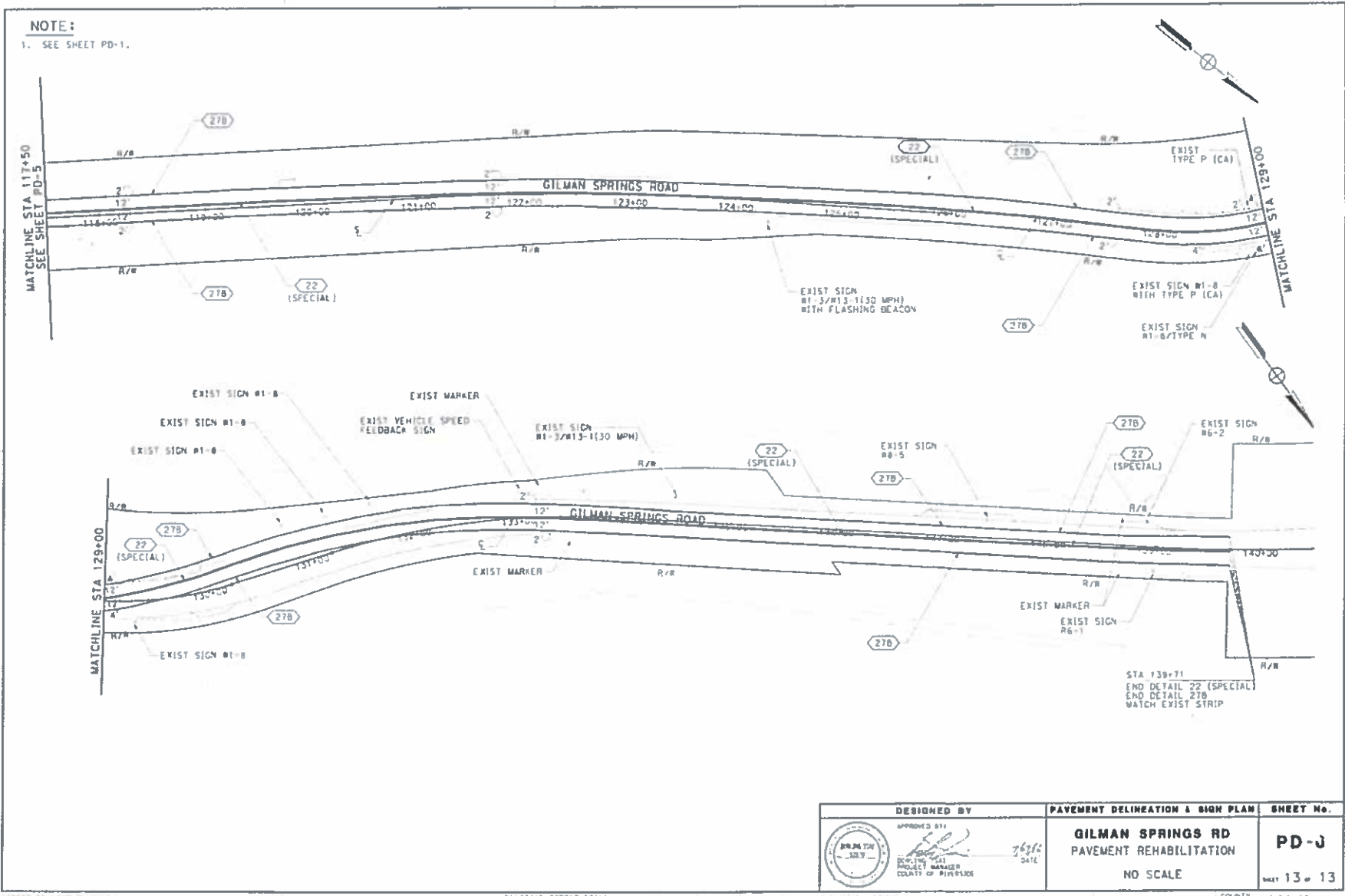
1. SEE SHEET PD-1.





ISSUED BY ADDENDUM No 4, ATTACHMENT "B"

<p>DESIGNED BY</p> <p>APPROVED BY</p> <p>DATE</p>	<p><b>PAYEMENT DELINEATION &amp; SIGN PLAN</b></p> <p><b>GILMAN SPRINGS RD</b></p> <p><b>PAVEMENT REHABILITATION</b></p> <p>NO SCALE</p>	<p><b>SHEET No.</b></p> <p><b>PD-5</b></p> <p>SHEET 12 OF 13</p>
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**NOTE:**  
1. SEE SHEET PD-1.



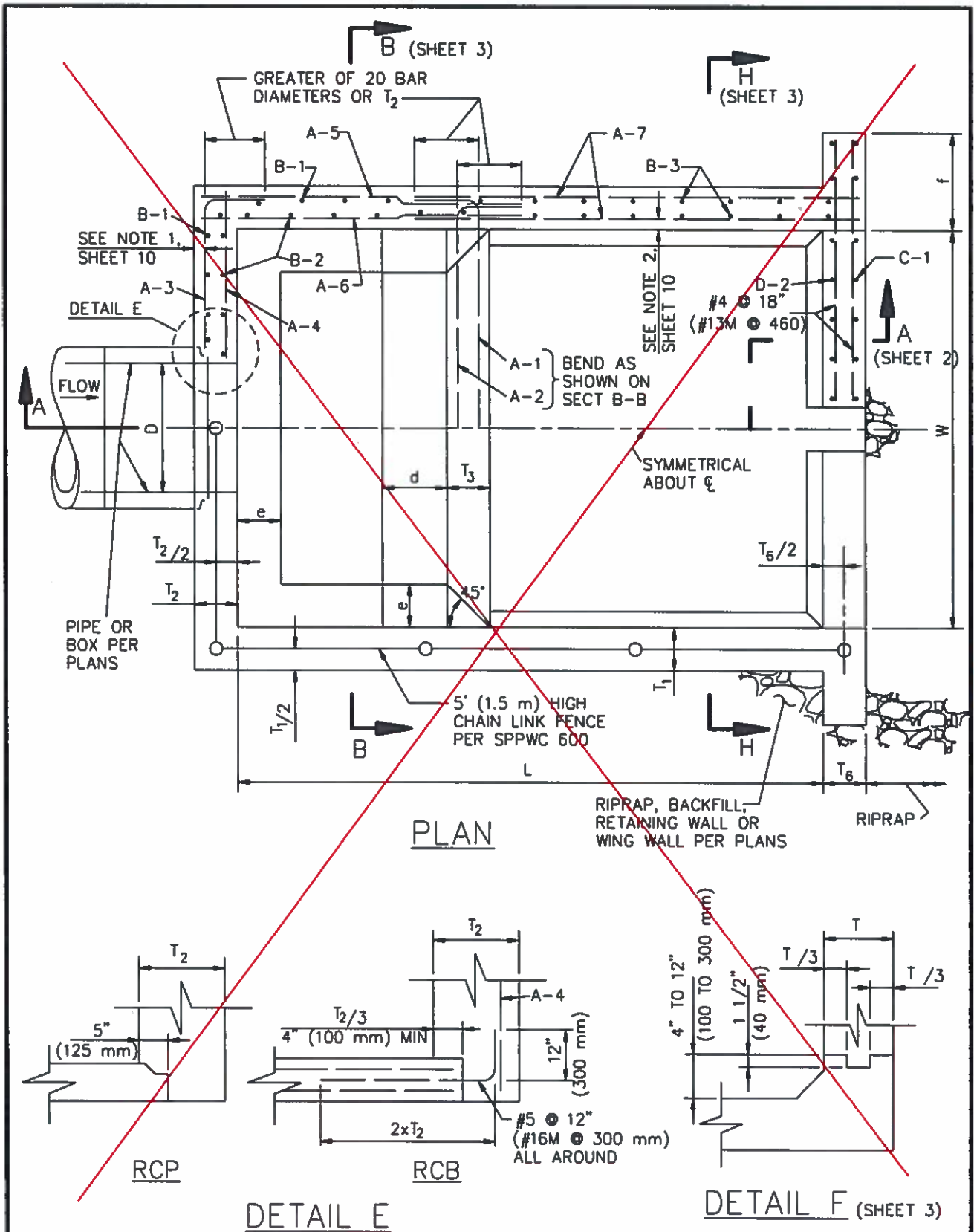
ISSUED BY ADDENDUM No 4, ATTACHMENT "B"

DESIGNED BY  APPROVED BY  PROJECT MANAGER COUNTY OF RIVERSIDE	PAYEMENT DELINEATION & SIGN PLAN <b>GILMAN SPRINGS RD PAVEMENT REHABILITATION</b> NO SCALE	SHEET No. <b>PD-J</b> sheet 13 of 13
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RELATIVE BORDER SCALE  
1/8" = 1'-0"

RD C5-0065

COUNTY FILE No. **963-K**

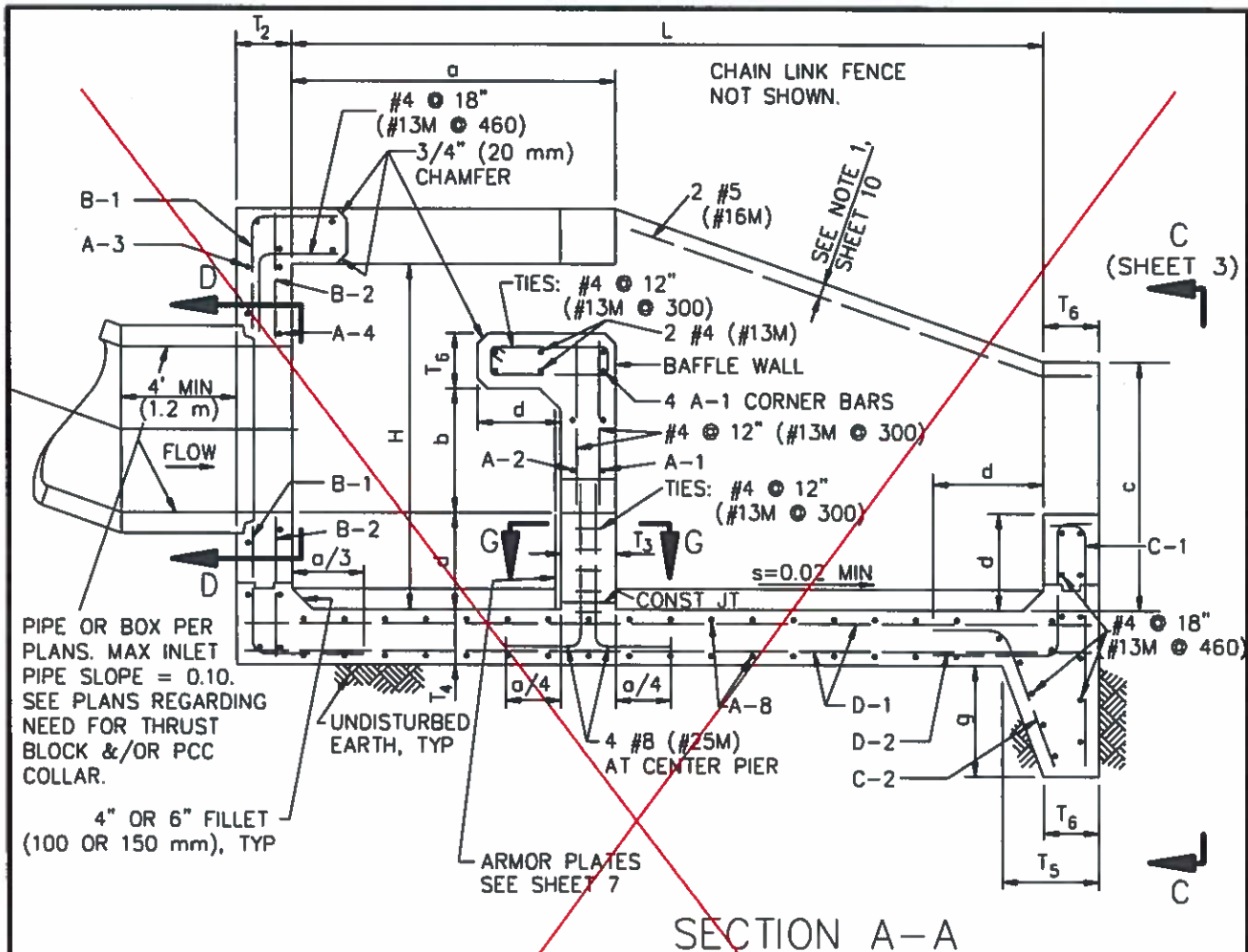


ISSUED BY ADDENDUM No. 4, ATTACHMENT "C", Page 1 of 10  
Addendum No. 4, Page 38 of 47

(Refer to Plans Sheet 6A of 16 for modified detail)

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION		
PROMULGATED BY THE PUBLIC WORKS STANDARDS INC. GREENBOOK COMMITTEE 1993 REV. 2005, 2009	<b>ENERGY DISSIPATOR – IMPACT BASIN          WITH VERTICAL BAFFLE WALL</b>	STANDARD PLAN <b>384-3</b>
USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION		SHEET 1 OF 10

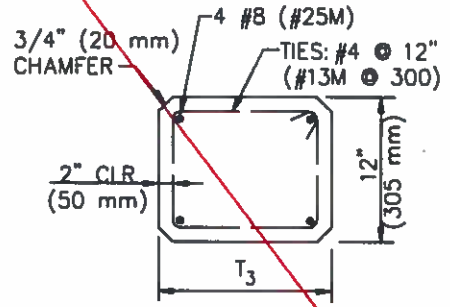
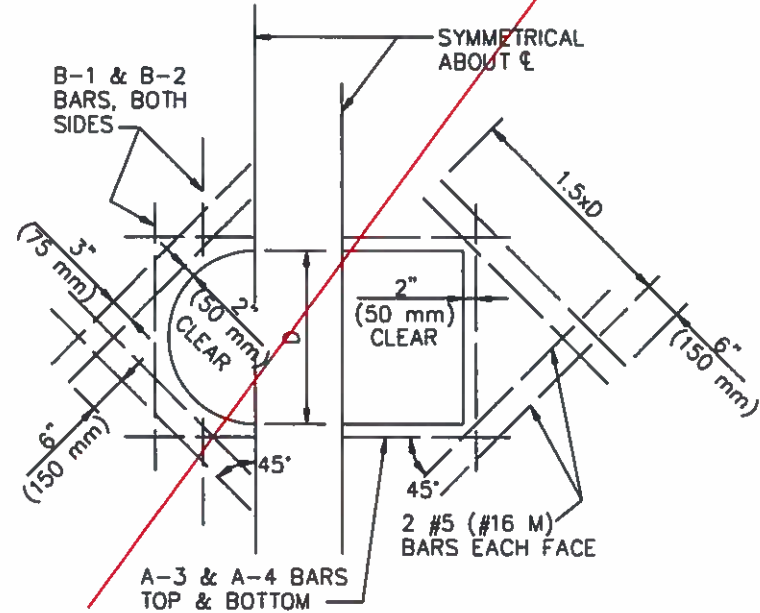




PIPE OR BOX PER PLANS. MAX INLET PIPE SLOPE = 0.10. SEE PLANS REGARDING NEED FOR THRUST BLOCK &/OR PCC COLLAR.

4" OR 6" FILLET (100 OR 150 mm), TYP

ARMOR PLATES SEE SHEET 7



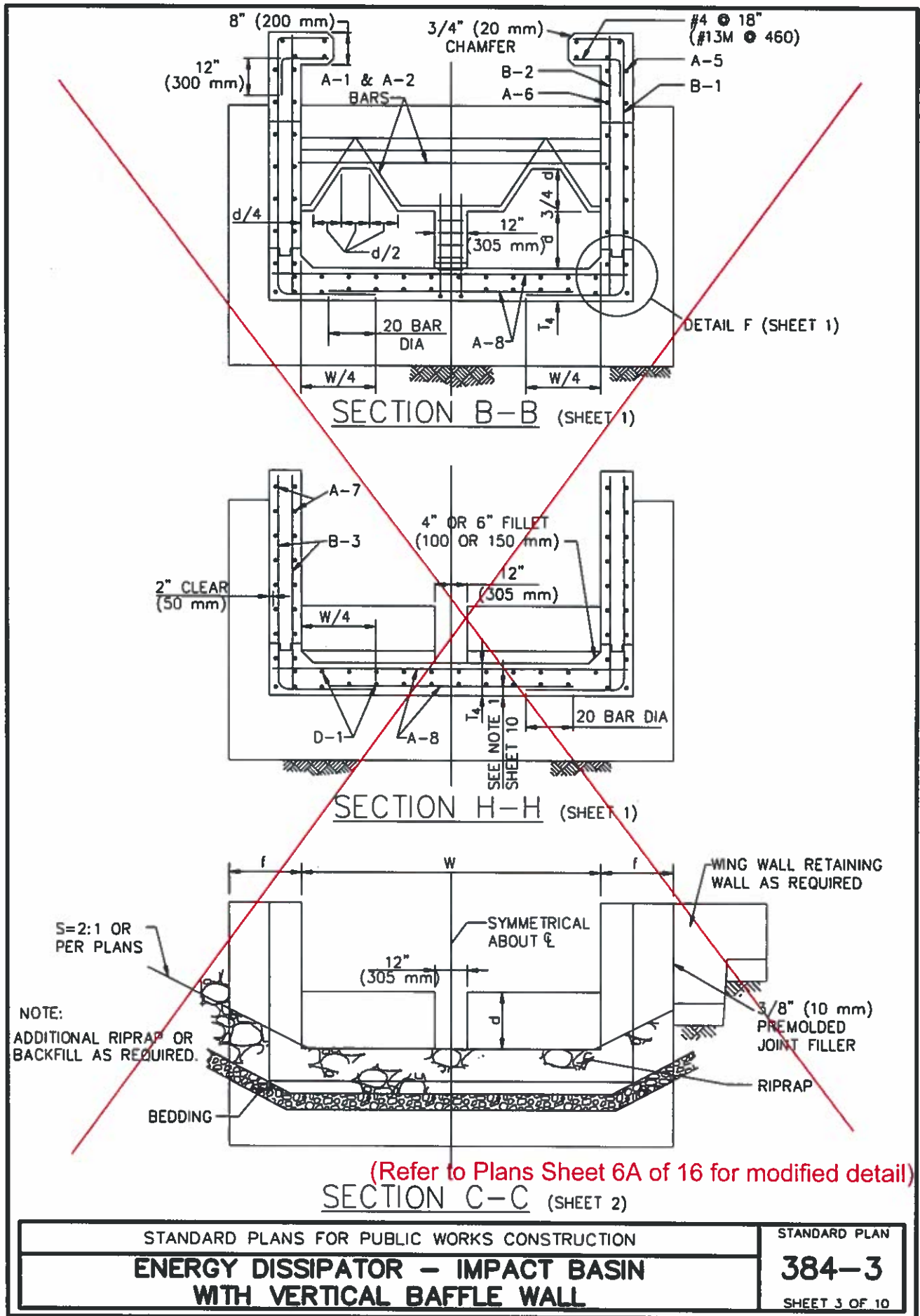
NOTE: ARMOR PLATE NOT SHOWN.

SECTION G-G

SECTION D-D (Refer to Plans Sheet 6A of 16 for modified detail)

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION		STANDARD PLAN
<b>ENERGY DISSIPATOR – IMPACT BASIN WITH VERTICAL BAFFLE WALL</b>		<b>384-3</b>
		SHEET 2 OF 10

ISSUED BY APPENDUM No. 4, ATTACHMENT "C", Page 2 of 10  
 Addendum No. 4, Page 39 of 47



ISSUED BY APPENDUM No. 4, ATTACHMENT "C" Page 3 of 10  
 Addendum No. 4, Page 40 of 47

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION	STANDARD PLAN
<b>ENERGY DISSIPATOR - IMPACT BASIN WITH VERTICAL BAFFLE WALL</b>	<b>384-3</b>
	SHEET 3 OF 10

\*SEE NOTES, SHEET 10

DIMENSIONS	4'-0" (1220)		6'-0" (1830)		8'-0" (2440)	
	H	3'-0" (910)		4'-6" (1370)		6'-0" (1830)
L	5'-6" (1680)		8'-0" (2440)		11'-0" (3510)	
a	2'-0" (610)		3'-0" (910)		4'-0" (1220)	
b	1'-6" (460)		2'-3" (690)		3'-0" (910)	
c	2'-0" (610)		3'-0" (910)		4'-0" (1220)	
d	0'-8" (200)		1'-0" (300)		1'-4" (410)	
e	0'-4" (100)		0'-6" (150)		0'-8" (200)	
f	2'-0" (610)		2'-0" (610)		2'-0" (610)	
g	3'-0" (910)		3'-0" (910)		3'-0" (910)	
T1*	8" (200)		8" (200)		8" (200)	
T2	8" (200)		8" (200)		8" (200)	
T3	8" (200)		8" (200)		8" (200)	
T4*	8" (200)		8" (200)		8" (200)	
T5	9" (230)		9" (230)		9" (230)	
T6	9" (230)		9" (230)		9" (230)	
WORKING STRESS DESIGN						
A-1	#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)		#5 @ 12" (#16M @ 300)	
A-2	#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)		#5 @ 12" (#16M @ 300)	
A-3	#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)	
A-4	#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)	
A-5	#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)	
A-6	#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)		#5 @ 12" (#16M @ 300)	
A-7	#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)	
A-8	#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)	
B-1	#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)	
B-2	#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)	
B-3	#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)	
C-1	#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)	
C-2	#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)	
D-1	#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)	
D-2	#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)	
STRENGTH DESIGN						
A-1	#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)	
A-2	#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)	
A-3	#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)	
A-4	#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)	
A-5	#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)	
A-6	#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)	
A-7	#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)	
A-8	#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)	
B-1	#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)	
B-2	#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)	
B-3	#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)	
C-1	#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)	
C-2	#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)	
D-1	#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)		#4 @ 12" (#13M @ 300)	
D-2	#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)		#4 @ 18" (#13M @ 460)	
DESIGN LOAD, IMPACT	225 PSF (10.8 kPa)		300 PSF (14.4 kPa)		375 PSF (18.0 kPa)	

ISSUED BY APPENDUM No. 4, ATTACHMENT "C", Page 4 of 10  
Addendum No. 4, Page 4 of 47

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

**ENERGY DISSIPATOR – IMPACT BASIN  
WITH VERTICAL BAFFLE WALL**

STANDARD PLAN

**384-3**

SHEET 4 OF 10

\*SEE NOTES, SHEET 10

DIMENSIONS		10'-0" (3050)	12'-0" (3660)	14'-0" (4270)
H		7'-6" (2290)	9'-0" (2740)	10'-6" (3200)
L		13'-6" (4110)	16'-0" (4880)	18'-6" (5640)
a		5'-0" (1520)	6'-0" (1830)	7'-0" (2130)
b		3'-9" (1140)	4'-6" (1370)	5'-3" (1600)
c		5'-0" (1520)	6'-0" (1830)	7'-0" (2130)
d		1'-8" (510)	2'-0" (610)	2'-4" (710)
e		0'-10" (250)	1'-0" (300)	1'-2" (360)
f		2'-0" (610)	2'-6" (760)	3'-0" (910)
g		4'-0" (1220)	5'-0" (1520)	5'-6" (1680)
T1*		9" (230)	9" (230)	10" (250)
T2		8" (200)	8" (200)	10" (250)
T3		8" (200)	10" (250)	12" (300)
T4*		8" (200)	8.5" (220)	8.5" (220)
T5		9" (230)	9" (230)	9" (230)
T6		9" (230)	9" (2300)	9" (230)
WORKING STRESS DESIGN				
A-1	#6 @ 12" ( #19M @ 300)	#9 @ 18" ( #29M @ 460)	#8 @ 12" ( #25M @ 300)	
A-2	#7 @ 12" ( #22M @ 300)	#9 @ 18" ( #29M @ 460)	#8 @ 12" ( #25M @ 300)	
A-3	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	#4 @ 12" ( #13M @ 300)	
A-4	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	
A-5	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	#4 @ 12" ( #13M @ 300)	
A-6	#7 @ 12" ( #22M @ 300)	#8 @ 12" ( #25M @ 300)	#9 @ 12" ( #29M @ 300)	
A-7	#5 @ 14" ( #16M @ 360)	#5 @ 12" ( #16M @ 300)	#5 @ 10" ( #16M @ 250)	
A-8	#5 @ 11" ( #16M @ 275)	#7 @ 12" ( #22M @ 300)	#8 @ 12" ( #25M @ 300)	
B-1	#4 @ 12" ( #13M @ 300)	#4 @ 12" ( #13M @ 300)	#4 @ 12" ( #13M @ 300)	
B-2	#4 @ 12" ( #13M @ 300)	#4 @ 12" ( #13M @ 300)	#4 @ 12" ( #13M @ 300)	
B-3	#6 @ 18" ( #19M @ 460)	#5 @ 12" ( #16M @ 300)	#6 @ 15" ( #19M @ 380)	
C-1	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	
C-2	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	
D-1	#4 @ 12" ( #13M @ 300)	#4 @ 12" ( #13M @ 300)	#4 @ 12" ( #13M @ 300)	
D-2	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	
STRENGTH DESIGN				
A-1	#5 @ 12" ( #16M @ 300)	#6 @ 12" ( #19M @ 300)	#8 @ 18" ( #25M @ 460)	
A-2	#6 @ 12" ( #19M @ 300)	#6 @ 12" ( #19M @ 300)	#8 @ 18" ( #25M @ 460)	
A-3	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	
A-4	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	
A-5	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	
A-6	#6 @ 12" ( #19M @ 300)	#7 @ 12" ( #22M @ 300)	#8 @ 12" ( #25M @ 300)	
A-7	#5 @ 14" ( #16M @ 360)	#5 @ 12" ( #16M @ 300)	#5 @ 10" ( #16M @ 250)	
A-8	#4 @ 12" ( #13M @ 300)	#5 @ 12" ( #16M @ 300)	#6 @ 11" ( #19M @ 275)	
B-1	#4 @ 12" ( #13M @ 300)	#4 @ 12" ( #13M @ 300)	#4 @ 12" ( #13M @ 300)	
B-2	#4 @ 12" ( #13M @ 300)	#4 @ 12" ( #13M @ 300)	#4 @ 12" ( #13M @ 300)	
B-3	#6 @ 18" ( #19M @ 460)	#5 @ 12" ( #16M @ 300)	#6 @ 15" ( #19M @ 380)	
C-1	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	
C-2	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	
D-1	#4 @ 12" ( #13M @ 300)	#4 @ 12" ( #13M @ 300)	#4 @ 12" ( #13M @ 300)	
D-2	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	#4 @ 18" ( #13M @ 460)	
DESIGN LOAD, IMPACT	450 PSF (21.5 kPa)	525 PSF (25.1 kPa)	600 PSF (28.7 kPa)	

ISSUED BY APPENDUM No. 4, ATTACHMENT "C", Page 5 of 10  
Addendum No. 4, Page 42 of 47

\*SEE NOTES, SHEET 10

		16'-0" (4880)		18'-0" (5490)		20'-0" (6100)	
DIMENSIONS	H	12'-0"	(3660)	13'-6"	(4110)	15'-0"	(4570)
	L	21'-6"	(6550)	24'-0"	(7320)	26'-6"	(8080)
	a	8'-0"	(2440)	9'-0"	(2740)	10'-0"	(3050)
	b	6'-0"	(1830)	6'-9"	(2060)	7'-6"	(2290)
	c	8'-0"	(2440)	9'-0"	(2740)	10'-0"	(3050)
	d	2'-8"	(810)	3'-0"	(910)	3'-4"	(1020)
	e	1'-4"	(410)	1'-6"	(460)	1'-8"	(510)
	f	3'-6"	(1070)	3'-6"	(1070)	3'-6"	(1070)
	g	6'-0"	(1830)	7'-0"	(2130)	7'-6"	(2290)
	T1*	12"	(300)	13"	(330)	14"	(360)
	T2	10"	(250)	12"	(300)	12"	(300)
	T3	13"	(330)	14"	(360)	16"	(410)
	T4*	9.5"	(240)	10.5"	(270)	(11.5")	290
T5	10"	(250)	11"	(280)	(13")	330	
T6	9"	(230)	9"	(230)	(9")	230	
WORKING STRESS DESIGN							
A-1	#9 @ 12"	(#29M @ 300)	#8 @ 6"	(#32M @ 300)	#10 @ 12"	(#25M @ 150)	
A-2	#9 @ 12"	(#29M @ 300)	#7 @ 6"	(#22M @ 150)	#7 @ 6"	(#22M @ 150)	
A-3	#5 @ 12"	(#16M @ 300)	#4 @ 6"	(#16M @ 300)	#5 @ 12"	(#13M @ 150)	
A-4	#4 @ 18"	(#13M @ 460)	#4 @ 12"	(#13M @ 460)	#4 @ 18"	(#13M @ 300)	
A-5	#5 @ 12"	(#16M @ 300)	#5 @ 12"	(#16M @ 300)	#5 @ 12"	(#16M @ 300)	
A-6	#9 @ 12"	(#29M @ 300)	#9 @ 6"	(#25M @ 150)	#8 @ 6"	(#29M @ 150)	
A-7	#6 @ 12"	(#19M @ 300)	#7 @ 14"	(#16M @ 200)	#5 @ 8"	(#22M @ 360)	
A-8	#9 @ 12"	(#29M @ 300)	#8 @ 7"	(#25M @ 200)	#8 @ 8"	(#25M @ 175)	
B-1	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	
B-2	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	
B-3	#6 @ 12"	(#19M @ 300)	#7 @ 14"	(#22M @ 410)	#7 @ 16"	(#22M @ 360)	
C-1	#4 @ 15"	(#13M @ 380)	#4 @ 13"	(#13M @ 330)	#4 @ 13"	(#13M @ 330)	
C-2	#4 @ 15"	(#13M @ 380)	#4 @ 13"	(#13M @ 330)	#4 @ 13"	(#13M @ 330)	
D-1	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	
D-2	#4 @ 18"	(#13M @ 460)	#6 @ 13"	(#13M @ 300)	#4 @ 12"	(#19M @ 330)	
STRENGTH DESIGN							
A-1	#8 @ 12"	(#25M @ 300)	#9 @ 12"	(#29M @ 300)	#8 @ 8"	(#25M @ 200)	
A-2	#8 @ 12"	(#25M @ 300)	#6 @ 6"	(#19M @ 150)	#7 @ 8"	(#22M @ 200)	
A-3	#4 @ 12"	(#13M @ 300)	#5 @ 12"	(#16M @ 300)	#4 @ 8"	(#13M @ 200)	
A-4	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)	#4 @ 16"	(#13M @ 410)	
A-5	#4 @ 12"	(#13M @ 300)	#5 @ 12"	(#16M @ 300)	#4 @ 8"	(#13M @ 200)	
A-6	#6 @ 6"	(#19M @ 150)	#9 @ 12"	(#29M @ 300)	#6 @ 4"	(#19M @ 100)	
A-7	#6 @ 12"	(#19M @ 300)	#5 @ 8"	(#16M @ 200)	#7 @ 14"	(#22M @ 360)	
A-8	#7 @ 12"	(#22M @ 300)	#8 @ 14"	(#25M @ 360)	#8 @ 12"	(#25M @ 300)	
B-1	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	
B-2	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	
B-3	#6 @ 12"	(#19M @ 300)	#7 @ 16"	(#22M @ 410)	#7 @ 14"	(#22M @ 360)	
C-1	#4 @ 15"	(#13M @ 380)	#4 @ 13"	(#13M @ 330)	#4 @ 13"	(#13M @ 330)	
C-2	#4 @ 15"	(#13M @ 380)	#4 @ 13"	(#13M @ 330)	#4 @ 13"	(#13M @ 330)	
D-1	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	
D-2	#4 @ 18"	(#13M @ 460)	#4 @ 18"	(#13M @ 460)	#5 @ 14"	(#16M @ 360)	
DESIGN LOAD, IMPACT	675 PSF	(32.3 kPa)	750 PSF	(35.9 kPa)	825 PSF	(39.5 kPa)	

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STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

**ENERGY DISSIPATOR – IMPACT BASIN  
WITH VERTICAL BAFFLE WALL**

STANDARD PLAN

**384-3**

SHEET 6 OF 10

\*SEE NOTES, SHEET 10

DIMENSIONS		22'-0" (6710)		24'-0" (7320)		26'-0" (7920)	
H		16'-6"	(5030)	18'-0"	(5490)	19'-6"	(5940)
L		29'-6"	(8990)	32'-0"	(9750)	35'-0"	(10670)
a		11'-0"	(3350)	12'-0"	(3660)	13'-0"	(3960)
b		8'-3"	(2510)	9'-0"	(2740)	9'-9"	(2790)
c		11'-0"	(3350)	12'-0"	(3660)	13'-0"	(3960)
d		3'-8"	(1120)	4'-0"	(1220)	4'-4"	(1320)
e		1'-10"	(560)	2'-0"	(610)	2'-2"	(660)
f		4'-0"	(1220)	4'-6"	(1370)	4'-6"	(1370)
g		8'-0"	(2440)	8'-6"	(2590)	9'-6"	(2900)
T1*		15"	(380)	17"	(430)	18"	(460)
T2		13"	(330)	13"	(330)	13"	(330)
T3		17"	(430)	18"	(460)	21"	(530)
T4*		13"	(330)	14"	(360)	15"	(380)
T5		15"	(380)	17"	(430)	19"	(480)
T6		9"	(230)	9"	(230)	9"	(230)
WORKING STRESS DESIGN							
A-1	#9 @ 6"	(#29M @ 150)	#9 @ 6"	(#29M @ 150)	#8 @ 4"	(#25M @ 100)	
A-2	#8 @ 6"	(#25M @ 150)	#9 @ 6"	(#29M @ 150)	#9 @ 6"	(#29M @ 150)	
A-3	#4 @ 6"	(#13M @ 150)	#5 @ 6"	(#16M @ 150)	#6 @ 8"	(#19M @ 200)	
A-4	#4 @ 12"	(#13M @ 300)	#5 @ 12"	(#16M @ 300)	#6 @ 16"	(#19M @ 410)	
A-5	#5 @ 12"	(#16M @ 300)	#4 @ 6"	(#13M @ 150)	#8 @ 16"	(#25M @ 410)	
A-6	#9 @ 6"	(#29M @ 150)	#10 @ 6"	(#32M @ 150)	#9 @ 4"	(#29M @ 100)	
A-7	#8 @ 16"	(#25M @ 410)	#7 @ 12"	(#22M @ 300)	#6 @ 8"	(#19M @ 200)	
A-8	#9 @ 8"	(#29M @ 200)	#9 @ 7"	(#29M @ 175)	#9 @ 6"	(#29M @ 150)	
B-1	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	
B-2	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	
B-3	#8 @ 18"	(#25M @ 460)	#7 @ 12"	(#22M @ 300)	#7 @ 12"	(#22M @ 300)	
C-1	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	#5 @ 16"	(#16M @ 410)	
C-2	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	#5 @ 16"	(#16M @ 410)	
D-1	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	#4 @ 12"	(#13M @ 300)	
D-2	#8 @ 18"	(#25M @ 460)	#9 @ 18"	(#29M @ 460)	#8 @ 14"	(#25M @ 360)	
STRENGTH DESIGN							
A-1	#9 @ 8"	(#29M @ 200)	(#10 @ 9")	(#29M @ 200)	#9 @ 8"	#32M @ 225	
A-2	#8 @ 8"	(#25M @ 200)	(#9 @ 8")	(#29M @ 200)	#9 @ 8"	#29M @ 200	
A-3	#4 @ 8"	(#13M @ 200)	(#8 @ 16")	(#16M @ 200)	#5 @ 8"	#25M @ 410	
A-4	#4 @ 16"	(#13M @ 410)	(#5 @ 16")	(#13M @ 410)	#4 @ 16"	#16M @ 410	
A-5	#5 @ 8"	(#16M @ 200)	(#5 @ 8")	(#16M @ 200)	#5 @ 8"	#16M @ 200	
A-6	#9 @ 8"	(#29M @ 200)	(#8 @ 4")	(#29M @ 150)	#9 @ 6"	#25M @ 100	
A-7	#8 @ 16"	(#25M @ 410)	(#6 @ 8")	(#22M @ 300)	#7 @ 12"	#19M @ 200	
A-8	#8 @ 11"	(#25M @ 275)	(#8 @ 8")	(#29M @ 300)	#9 @ 12"	#25M @ 200	
B-1	#4 @ 12"	(#13M @ 300)	(#4 @ 12")	(#13M @ 300)	#4 @ 12"	#13M @ 300	
B-2	#4 @ 12"	(#13M @ 300)	(#4 @ 12")	(#13M @ 300)	#4 @ 12"	#13M @ 300	
B-3	#8 @ 18"	(#25M @ 460)	(#7 @ 12")	(#22M @ 300)	#7 @ 12"	#22M @ 300	
C-1	#4 @ 12"	(#13M @ 300)	(#5 @ 16")	(#13M @ 300)	#4 @ 12"	#16M @ 410	
C-2	#4 @ 12"	(#13M @ 300)	(#5 @ 16")	(#13M @ 300)	#4 @ 12"	#16M @ 410	
D-1	#4 @ 12"	(#13M @ 300)	(#4 @ 12")	(#13M @ 300)	#4 @ 12"	#13M @ 300	
D-2	#6 @ 14"	(#19M @ 360)	(#8 @ 15")	(#22M @ 360)	#7 @ 14"	#25M @ 380	
DESIGN LOAD, IMPACT		900 PSF (43.1 kPa)		950 PSF (45.5 kPa)		1000 PSF (47.9 kPa)	

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STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION	STANDARD PLAN
<b>ENERGY DISSIPATOR – IMPACT BASIN WITH VERTICAL BAFFLE WALL</b>	<b>384-3</b>
	SHEET 7 OF 10

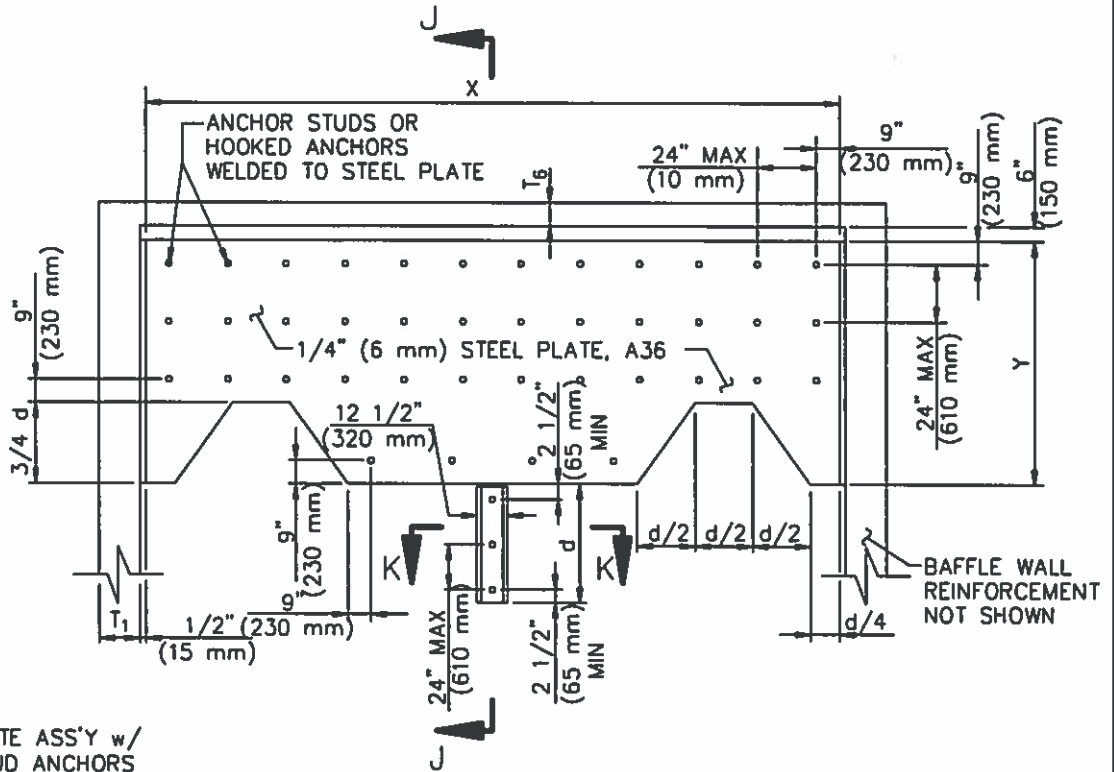
\*SEE NOTES, SHEET 10

WIDTH		28'-0" (8530)	30'-0" (9140)	32'-0" (9750)
DIMENSIONS	H	21'-0" (6400)	22'-6" (6860)	24'-0" (7320)
	L	37'-6" (11430)	40'-0" (12190)	42'-6" (12950)
	a	14'-0" (4270)	15'-0" (4570)	16'-0" (4880)
	b	10'-6" (3200)	11'-3" (3430)	12'-0" (3660)
	c	14'-0" (4270)	15'-0" (4570)	16'-0" (4880)
	d	4'-8" (1420)	5'-0" (1520)	5'-4" (1630)
	e	2'-4" (710)	2'-6" (760)	2'-8" (810)
	f	5'-0" (1520)	5'-6" (1680)	6'-0" (1830)
	g	10'-0" (3050)	10'-6" (3200)	11'-0" (3350)
	T1*	20" (510)	22" (560)	25" (640)
T2	14" (360)	14" (360)	14" (360)	
T3	23" (580)	24" (610)	26" (660)	
T4*	17" (430)	18.5" (470)	20" (510)	
T5	21" (530)	24" (610)	26" (660)	
T6	9" (230)	10" (250)	11" (280)	
WORKING STRESS DESIGN				
A-1	#9 @ 4" (#29M @ 100)	#10 @ 4" (#32M @ 100)	(#10 @ 4")	#32M @ 100
A-2	#8 @ 4" (#25M @ 100)	#9 @ 4" (#29M @ 100)	(#9 @ 4")	#29M @ 100
A-3	#6 @ 8" (#19M @ 200)	#5 @ 4" (#16M @ 100)	(#5 @ 4")	#16M @ 100
A-4	#6 @ 12" (#19M @ 300)	#7 @ 12" (#22M @ 300)	(#6 @ 8")	#19M @ 200
A-5	#7 @ 12" (#22M @ 300)	#7 @ 12" (#22M @ 300)	(#8 @ 12")	#25M @ 300
A-6	#9 @ 4" (#29M @ 100)	#9 @ 4" (#29M @ 100)	(#10 @ 4")	#32M @ 100
A-7	#8 @ 13" (#25M @ 330)	#8 @ 12" (#25M @ 300)	(#8 @ 10")	#25M @ 250
A-8	#8 @ 4" (#25M @ 100)	#9 @ 5" (#29M @ 125)	(#9 @ 4")	#29M @ 100
B-1	#4 @ 12" (#13M @ 300)	#4 @ 12" (#13M @ 300)	(#4 @ 10")	#13M @ 250
B-2	#4 @ 12" (#13M @ 300)	#4 @ 12" (#13M @ 300)	(#4 @ 10")	#13M @ 250
B-3	#8 @ 14" (#25M @ 360)	#8 @ 12" (#25M @ 300)	(#8 @ 11")	#25M @ 275
C-1	#5 @ 15" (#16M @ 380)	#5 @ 12" (#16M @ 300)	(#5 @ 12")	#16M @ 300
C-2	#5 @ 15" (#16M @ 380)	#5 @ 12" (#16M @ 300)	(#5 @ 12")	#16M @ 300
D-1	#4 @ 12" (#13M @ 300)	#4 @ 12" (#13M @ 300)	(#4 @ 12")	#13M @ 300
D-2	#8 @ 11" (#25M @ 275)	#9 @ 13" (#29M @ 330)	(#8 @ 10")	#25M @ 250
STRENGTH DESIGN				
A-1	#9 @ 6" (#29M @ 150)	#8 @ 4" (#25M @ 100)	#9 @ 5" (#29M @ 125)	(#29M @ 125)
A-2	#9 @ 8" (#29M @ 200)	#10 @ 8" (#32M @ 200)	#8 @ 5" (#25M @ 125)	(#25M @ 125)
A-3	#9 @ 12" (#29M @ 300)	#7 @ 8" (#22M @ 200)	#8 @ 10" (#25M @ 250)	(#25M @ 250)
A-4	#8 @ 12" (#25M @ 300)	#5 @ 8" (#16M @ 200)	#4 @ 5" (#13M @ 125)	(#13M @ 125)
A-5	#7 @ 12" (#22M @ 300)	#4 @ 4" (#13M @ 100)	#5 @ 5" (#16M @ 125)	(#16M @ 125)
A-6	#8 @ 4" (#25M @ 100)	#8 @ 4" (#25M @ 100)	#10 @ 5" (#32M @ 125)	(#32M @ 125)
A-7	#8 @ 13" (#25M @ 330)	#8 @ 12" (#25M @ 300)	#8 @ 10" (#25M @ 250)	(#25M @ 250)
A-8	#8 @ 7" (#25M @ 175)	#9 @ 8" (#29M @ 200)	#8 @ 6" (#25M @ 150)	(#25M @ 150)
B-1	#4 @ 12" (#13M @ 300)	#4 @ 12" (#13M @ 300)	#4 @ 10" (#13M @ 250)	(#13M @ 250)
B-2	#4 @ 12" (#13M @ 300)	#4 @ 12" (#13M @ 300)	#4 @ 10" (#13M @ 250)	(#13M @ 250)
B-3	#8 @ 14" (#25M @ 360)	#8 @ 12" (#25M @ 300)	#8 @ 11" (#25M @ 275)	(#25M @ 275)
C-1	#5 @ 15" (#16M @ 380)	#5 @ 12" (#16M @ 300)	#5 @ 12" (#16M @ 300)	(#16M @ 300)
C-2	#5 @ 15" (#16M @ 380)	#5 @ 12" (#16M @ 300)	#5 @ 12" (#16M @ 300)	(#16M @ 300)
D-1	#4 @ 12" (#13M @ 300)	#4 @ 12" (#13M @ 300)	#4 @ 12" (#13M @ 300)	(#13M @ 300)
D-2	#8 @ 15" (#25M @ 380)	#8 @ 15" (#25M @ 380)	#9 @ 18" (#29M @ 460)	(#29M @ 460)
DESIGN LOAD, IMPACT	1100 PSF (52.7 kPa)	1200 PSF (57.5 kPa)	1300 PSF (62.2 kPa)	

BAR DESIGNATION

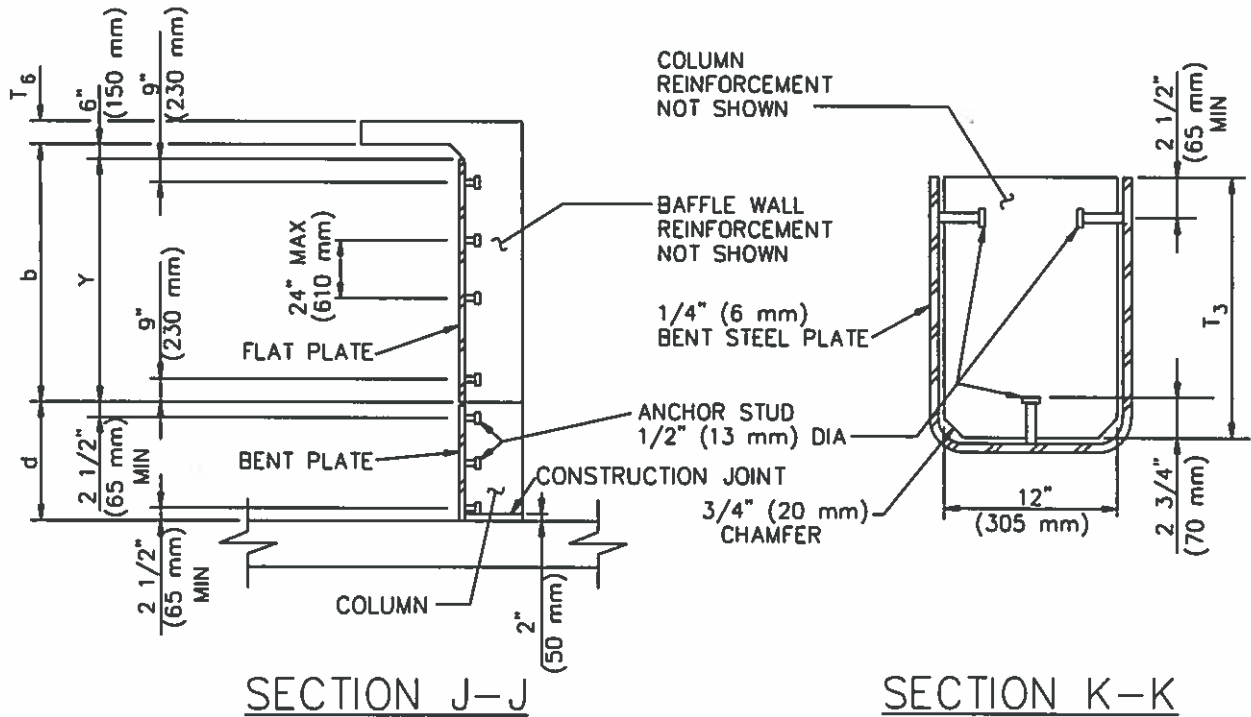
ISSUED BY APPENDUM No. 4, ATTACHMENT "C", Page 8 of 10  
Addendum No. 4, Page 45 of 47

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION	STANDARD PLAN
<b>ENERGY DISSIPATOR – IMPACT BASIN WITH VERTICAL BAFFLE WALL</b>	<b>384-3</b>
	SHEET 8 OF 10



NOTE:  
 ARMOR PLATE ASS'Y w/  
 WELDED STUD ANCHORS  
 SHALL BE EMBEDDED  
 INTO WET CONCRETE.

ARMOR PLATE DETAIL (SHT 2)



ISSUED BY APPENDUM No. 4, ATTACHMENT "C", Page 9 of 10  
 Addendum No. 4, Page 46 of 47

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION	STANDARD PLAN
<b>ENERGY DISSIPATOR - IMPACT BASIN WITH VERTICAL BAFFLE WALL</b>	<b>384-3</b>
	SHEET 9 OF 10



### ARMOR PLATE ANCHORS

WIDTH, (mm)	TOTAL BENT PLATE ANCHORS	FLAT PLATE ANCHORS							X, (mm)	Y, (mm)
		ROW 1	ROW 2	ROW 3	ROW 4	ROW 5	ROW 6	ROW 7		
4'-0" (1220)	6	3	3						3'-11" (1190)	1'-0" (310)
6'-0" (1830)	6	4	4						5'-11" (1800)	1'-9" (540)
8'-0" (2440)	6	7	5	2					7'-11" (2410)	2'-6" (760)
10'-0" (3050)	6	9	6	3					9'-11" (3020)	3'-3" (990)
12'-0" (3660)	6	12	7	2	3				11'-11" (3630)	4'-0" (1220)
14'-0" (4270)	6	14	8	2	4				13'-11" (4240)	4'-9" (1450)
16'-0" (4880)	9	15	9	2	4				15'-11" (4850)	5'-6" (1680)
18'-0" (5490)	9	18	10	2	2	4			17'-11" (5460)	6'-3" (1910)
20'-0" (6100)	9	20	11	2	2	5			19'-11" (6070)	7'-0" (2140)
22'-0" (6710)	9	23	12	2	2	2	5		21'-11" (6680)	7'-9" (2360)
24'-0" (7320)	9	25	13	2	2	2	6		23'-11" (7290)	8'-6" (2590)
26'-0" (7920)	9	26	14	2	2	2	6		25'-11" (7890)	9'-3" (2820)
28'-0" (8530)	12	29	15	2	2	2	2	6	27'-11" (8500)	10'-0" (3050)
30'-0" (9140)	12	31	16	2	2	2	2	7	29'-11" (9130)	10'-9" (3280)
32'-0" (9750)	12	32	17	2	2	2	2	7	31'-11" (9720)	11'-6" (3510)

**NOTES:**

1. PCC COVER FOR RE-BAR SHALL BE 2" (50 mm), EXCEPT AS OTHERWISE NOTED. WHEN PCC WILL BE POURED AGAINST BARE EARTH, HOWEVER, INCREASE WALL THICKNESS SHOWN IN TABLES BY 1" (25 mm) AND INCREASE PCC COVER TO 3" (75 mm).
2. PCC COVER FOR RE-BAR WITHIN IMPACT CHAMBER SHALL BE 2-1/2" (65 mm).
3. TABULATED METRIC REINFORCING BAR SPACING IS IN MILLIMETERS.

ISSUED BY ADDENDUM No. 4, ATTACHMENT "C", Page 10 of 10  
Addendum No. 4, Page 47 of 47

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION	STANDARD PLAN
<b>ENERGY DISSIPATOR – IMPACT BASIN WITH VERTICAL BAFFLE WALL</b>	<b>384-3</b>
	SHEET 10 OF 10



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

# COUNTY OF RIVERSIDE

## TRANSPORTATION AND LAND MANAGEMENT AGENCY



Patricia Romo, P.E.  
Director of Transportation

### Transportation Department

#### ADDENDUM NUMBER 5

Dated August 4, 2016

to the  
Specifications and Contract Documents  
for the construction of

Gilman Springs Road  
Improve Horizontal and Vertical Alignments  
And Other Roadway Safety Features  
0.5 Mile Segment Approximately 1,000-feet West of Soboba Road; and  
Traffic Signal at the Intersection of Soboba Road  
Project No. C4-0079, C5-0065  
Federal Aid No. HSIPL-5956(237)

**Bids Due:** Wednesday, August 10, 2016; 2:00 p.m.  
14<sup>th</sup> Street Transportation Annex  
3525 14<sup>th</sup> Street; Riverside, CA 92501  
(951) 955-6780

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

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

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

#### MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

**Item 1: Modification to the Special Provisions - Alternative Flared Terminal System.** Refer to Section 83-1.02C(3), Alternative Flared Terminal System, on page 72 and 73 of the Special Provisions. The following provisions are deleted from Section 83-1.02C(3):

~~"2. TYPE SRT 31 TERMINAL SYSTEM - Type SRT 31 terminal system must be an SRT 350 Slotted Rail Terminal (6 post system), system length 37' 6", as manufactured by Trinity Highway Products, LLC, and must include items detailed for Type SRT 31 terminal system shown on the plans. The SRT 350 Slotted Rail Terminal (6 post system) can be obtained from the manufacturer, Trinity Highway Products, LLC, P.O. Box 99, Centerville, UT 84012, telephone (800) 772-7976"~~

Per Caltrans memo distributed on July 25, 2016, the use of the SRT Systems is suspended until further notice.

Caltrans memo is available as Supplemental Project Information for your inspection and to download on the County of Riverside Transportation Department website:

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

**Item 2: Federal Minimum Wages Update**

Refer to Appendix D in the Special Provisions, "Federal Prevailing Wage Decision", pages 1 through 21, Addendum No. 1 (Item 3), Addendum No. 2 (Item 6), and Addendum No. 4 (Item 3) Federal Minimum Wages Updates. Delete and replace these pages with the following:

Federal wage determination, General Decision No. CA160036 – CA36, Modification No. 8 dates **7/29/2016**, shall apply to this project. This document is available upon request from the Transportation Department: (951) 955-6780, and also posted on the following County website:

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

**Item 3: Additional Rumble Strip Construction.** Refer to 'Gilman Springs Road Pavement Rehabilitation Plans' (13 sheets) as issued by Addendum No. 4, and refer to Section 39, Rumble Strip, on page 64 of the Special Provisions. The following Special Provisions are added and made a part hereby:

In addition to the construction of rumble strip called out on the Gilman Springs Road Pavement Rehabilitation plans, the contractor will be required to install rumble strip, along both sides of the center traffic stripe, on various road segments which will be ground between approximately Station 78+75 and Station 97+50. Exact limits of additional rumble strip will be determined in the field as directed by the Resident Engineer.

The limits of additional rumble strip are as follows:

<u>From approximately Station</u>	<u>To approximately Station</u>
78+75	81+00
83+50	84+50
87+00	88+00
91+50	92+50
94+50	95+25
96+00	97+50

The approximate additional rumble strip for the Gilman Springs Road Pavement Rehabilitation project is 1,500 linear feet.

**Payment:**

Full compensation for installation of Rumble Strips shall be considered as included in the contract price paid per ton for Hot Mix Asphalt and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in completing the operations as shown on the plans, and as specified in the specifications and these special provisions, and as directed by the Engineer, and no separate payment will be made therefor.

**Item 4: Clarification – Protect in Place Existing Roadside Signs.** Refer to 'Gilman Springs Road Pavement Rehabilitation Plans' (13 sheets) as issued by Addendum No. 4.

The Contractor shall protect in place all the existing roadside signs shown on plan sheets 9 through 13 of 13. Any roadside sign damaged as a result of the Contractor's operation, shall be replaced as directed by the Engineer at the Contractor's expense.

Addendum No. 5  
Gilman Springs Road, Improve Horizontal and Vertical Alignments And Other Roadway Safety Features  
0.5 Mile Segment Approximately 1,000-feet West of Soboba Road; and  
Traffic Signal at the Intersection of Soboba Road  
Project No. C4-0079, C5-0065, Federal Aid No. HSIPL-5956(237)  
August 4, 2016  
Page 3 of 3

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



Eng Chong Voon, PE



Recommended by:



Scott Staley, PE  
County Project Manager

Concurrence:



Khalid Nasim, PE  
Engineering Division Manager

Acknowledged: \_\_\_\_\_ Date: \_\_\_\_\_  
(Contractor)

JRJ:jj:rr

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

Addendum No. 5, Page 3 of 3



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

# COUNTY OF RIVERSIDE

## TRANSPORTATION AND LAND MANAGEMENT AGENCY



Patricia Romo, P.E.  
Director of Transportation

### Transportation Department

#### ADDENDUM NUMBER 6

Dated August 9, 2016

to the  
Specifications and Contract Documents  
for the construction of

**Gilman Springs Road  
Improve Horizontal and Vertical Alignments, And Other Roadway Safety Features  
0.5 Mile Segment Approximately 1,000-feet West of Soboba Road; and  
Traffic Signal at the Intersection of Soboba Road  
Project No. C4-0079, C5-0065, Federal Aid No. HSIPL-5956(237)**

**Bids Due: Wednesday, August 10, 2016; 2:00 p.m.**  
14<sup>th</sup> Street Transportation Annex  
3525 14<sup>th</sup> Street; Riverside, CA 92501  
(951) 955-6780

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

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

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

#### MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

**Item 1: Clarification – Items of Work Covered Under Other Items of Work.**

In response to some RFIs, some pay item descriptions are reiterated. Payment for the following work items are considered as included under the payment for other items of work or as described below:

- Refer to sub-section, Adjustment to Grade for Obstructions, on page 9 of the Special Provisions.

Full compensation for adjustment of valve covers shall be considered as included in the contract price paid for asphalt concrete ~~or applicable items of work in the event that there is no asphalt concrete bid item,~~ and no additional compensation will be allowed therefor.

- Refer to Section 00-1.17, Graffiti Removal and Cleaning, on page 11 and 12 of the Special Provisions.

Full compensation for conformance with these Graffiti Removal and Cleaning requirements, including labor, equipment, materials, necessary traffic control, and incidentals, shall be paid at the lump sum price for Traffic Control System, and no additional compensation will be allowed therefor.

- Refer to Section 13-6.03E, Temporary Fiber Rolls, on page 29 through 32 of the Special Provisions.

Full compensation for temporary fiber rolls shall be considered as included in the lump sum price paid for Water Pollution Control and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in installing, maintaining, and removing the temporary fiber rolls, complete in place, including removal of materials, cleanup and disposal of retained sediment and debris, and backfilling and repairing holes, depressions and other ground disturbance, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

- Refer to Section 13-7.03D, Street Sweeping, on page 32 and 33 of the Special Provisions.

Full compensation to conform with the requirements of this section shall be considered as included in the contract lump sum price paid for Water Pollution Control including furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in street sweeping, including disposal of collected material, as shown on the plans, as specified in the Standard Specifications, these Special Provisions, and as directed by the Engineer. Therefore, no additional compensation will be allowed for street sweeping

- Refer to Section 14-6.03, Bird Protection, on page 34 and 35 of the Special Provisions.

Full compensation for compliance with this section shall be considered as included in the contract price paid for Clearing and Grubbing items of work, and no additional compensation will be allowed therefor.

- Refer to Section 14-11.09, Treated Wood Waste, on page 35 through 37 of the Special Provisions.

Payment for removing, handling, storing, transporting, and disposing of Treated Wood Waste shall be considering as included in the contract price paid per lump sum for Clearing and Grubbing and no additional compensation shall be allowed therefor.

- Refer to Section 15-2.02F, Remove Asphalt Concrete Dikes, on page 39 of the Special Provisions.

- Refer to Section 15-2.02G, 'Remove Metal Beam Guard Railing', on page 39 of the Special Provisions.

Full compensation for Metal Beam Guard Railing (MBGR) removed as part of *Base Bid Schedule 1*, Gilman Springs Road Curve Realignment Project, shall be considered as included in the Contract price paid per lump sum for bid item No. 8, Clearing and Grubbing.

And,

Full compensation for MBGR removed as part of *Base Bid Schedule 2*, Traffic Signal Project, shall be considered as included in the Contract price paid per linear foot for bid item No. 52, Remove Metal Beam Guard Railing.

- Refer to Section 15-2.02J, Remove Roadside Signs, on page 40 of the Special Provisions (applicable to the Curve Realignment project).

Full compensation for Remove Existing Sign (and Post) shall be considered as included in the price paid for the various items of work and shall include full compensation for furnishing all labor, materials, tools, equipment, incidentals and for doing all the work including protecting, storing, transporting and delivering Road Sign as specified in the these Special Provisions and no additional compensation will be allowed therefor.

Prepared by: \_\_\_\_\_

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

Acknowledged: \_\_\_\_\_ Date: \_\_\_\_\_  
(Contractor)

JRJ:rr

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

County of Riverside Contract No. \_\_\_\_\_

**Contract**

**Gilman Springs Road  
Improve Horizontal and Vertical Alignments  
And Other Roadway Safety Features  
0.5 Mile Segment Approximately 1,000-feet Westerly of Soboba Road; and  
Traffic Signal at the Intersection of Soboba Road  
Project No. C4-0079, C5-0065  
Federal Aid No. – HSIPL-5956(237)**

THIS CONTRACT, made and concluded, in duplicate as of the date set forth below, between the County of Riverside, party of the first part, and All American Asphalt Contractor, party of the second part.

**ARTICLE I:**

WITNESSETH, that for and in consideration of the payments and agreements hereinafter mentioned, to be made and performed by the said party of the first part, and under the conditions expressed in the two bonds, bearing even date with these presents, and hereunto annexed, the said party of the second part agrees with the said party of the first part, at his own proper cost and expense, to do all the work and furnish all the materials, except such as are mentioned in the specifications to be furnished by said party of the first part, necessary to construct and complete in a good, workmanlike and substantial manner and to the satisfaction of the County of Riverside, the work described in the Special Provisions and the Plans described below, including any Addenda No. 1, 2, 3, 4, 5, and 6 issued thereto, and also in conformance with the California Department of Transportation Standard Plans, dated 2010, as identified on the Plans or in the Special Provisions, as modified in other portions of the Contract Documents and as amended by the State of California Department of Transportation, the Standard Specifications, dated 2010, as modified in other portions of the Contract Documents and as amended by the State of California Department of Transportation, and the Labor Surcharge and Equipment Rental Rates in effect on the date the work is accomplished, which said 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 work to be done is shown on the Plans entitled **Gilman Springs Road, Improve Horizontal and Vertical Alignments and Other Safety Features, Project No. C4-0079, Federal Aid No. HSIPL-5956(237)**, Sheets 1 through 16, Plan number 963-J approved March 28, 2016, and on the Plans entitled **Gilman Springs Road/ State Street and Soboba Road, Traffic Signal and Lighting, Project No. C5-0065**, Sheets 1 through 8, Plan number 963-K approved March 28, 2016, on file with the County Surveyor, which said project plans are hereby made a part of this Contract.



**ARTICLE II:**

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

**ARTICLE III:**

The State general prevailing wage rates determined by the Director of Industrial Relations are hereby made a part of this contract. It is further expressly agreed by and between the parties hereto that should there be any conflict between the terms of this instrument and the bid or proposal of said Contractor, then this instrument shall control and nothing herein shall be considered as an acceptance of the said terms of said proposal conflicting herewith.

**ARTICLE IV:**

By my signature hereunder, as Contractor, I certify that I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for worker's compensation or to undertake self insurance in conformance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.

**ARTICLE V:**

The entire Contract consists of the following documents: (a) The Construction Contract, (b) The Notice to Bidders, (c) Instructions To Bidders, (d) The Bid, (e) The Bid Bond, (f) The Payment Bond, (g) The Performance Bond, (h) The General Conditions, (i) the documents detailed in ARTICLE I: The Special Provisions, The Plans, The Standard Specifications, The Standard Plans, All issued Addenda, and the Labor Surcharge and Equipment Rental Rates, (j) The Determination of Prevailing Wage Rates for Public Works, (k) The Federal Wage Prevailing Wage Decision, (l) Bid Book Appendices, including but not limited to AQMD Recommendations, Reference Drawings, and Exhibits, (m) The additional Federal Requirements and forms included within the Special Provisions, including but not limited to Form FHWA-1273, (n) Any Change Orders issued, and (o) Any additional or supplemental specifications, notice, instructions and drawings issued in accordance with the provisions of the Contract Documents. All of said Documents presently in existence are by this reference incorporated herein with like effect as if here set forth in full and upon the proper issuance of other documents they shall likewise be deemed incorporated. The Bid Bond is exonerated upon execution of this Contract and the Payment Bond and Performance Bond.

**ARTICLE VI:**

And the said Contractor agrees to receive and accept the following prices as full compensation for furnishing all materials and for doing all the work contemplated and embraced in this Contract; also for all loss or damage, arising out of the nature of the 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 work until its acceptance by the County of Riverside, and for all risks of every description connected with the work; also for all expenses incurred by or in consequence of the suspension or discontinuance of work and for well and faithfully completing the 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:

**Gilman Springs Road  
Improve Horizontal and Vertical Alignments  
And Other Roadway Safety Features  
0.5 Mile Segment Approximately 1,000-feet Westerly of Soboba Road; and  
Traffic Signal at the Intersection of Soboba Road  
Project No. C4-0079, C5-0065  
Federal Aid No. – HSIPL-5956(237)**

**Contract**

ITEM No.	ITEM CODE	ITEM	Like Bid Items	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID SCHEDULE 1: Gilman Springs Road Curve Realignment Project</b>							
1	760090	MOBILIZATION, DEMOBILIZATION AND FINAL CLEANUP		LS	1	73,500.00	73,500.00
2	170101	DEVELOP WATER SUPPLY		LS	1	1,000.00	1,000.00
3	066102	DUST ABATEMENT		LS	1	1,100.00	1,100.00
4	074020	WATER POLLUTION CONTROL		LS	1	14,000.00	14,000.00
5	120100	TRAFFIC CONTROL SYSTEM		LS	1	65,000.00	65,000.00
6	128651	PORTABLE CHANGEABLE MESSAGE SIGN		EA	6	2,600.00	15,600.00
7	150605	REMOVE FENCE		LF	175	9.10	1,592.50
8	160102	CLEARING AND GRUBBING		LS	1	40,000.00	40,000.00
9	190101(F)	ROADWAY EXCAVATION	Like 1	CY	7,000	14.40	100,800.00
10	198010(F)	IMPORTED BORROW		CY	2,100	24.55	51,555.00
11	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	Like 2	TON	1,400	80.77	113,078.00
12	390130	HOT MIX ASPHALT	Like 3	TON	2,700	74.12	200,124.00
13	260203	CLASS 2 AGGREGATE BASE	Like 4	CY	2,300	28.50	65,550.00
14	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)		LF	2,150	3.40	7,310.00
15	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)		LF	130	3.40	442.00
16	840656	PAINT TRAFFIC STRIPE (2-COAT)	Like 5	LF	8,000	0.17	1,360.00
17	850111	PAVEMENT MARKER (RETROREFLECTIVE)	Like 6	EA	220	2.70	594.00
18	152386	RELOCATE ROADSIDE SIGN-ONE POST	Like 7	EA	9	116.00	1,044.00
19	566011	ROADSIDE SIGN - ONE POST		EA	30	201.00	6,030.00
20	832005	MIDWEST GUARDRAIL SYSTEM	Like 8	LF	2,596	28.70	74,505.20
21	820107	DELINEATOR (CLASS 1)		EA	130	58.00	7,540.00
22	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	Like 9	EA	7	2,925.00	20,475.00
23	150809	REMOVE CULVERT		LF	45	169.00	7,605.00
24	650034	48" REINFORCED CONCRETE PIPE		LF	71	593.00	42,103.00
25	510502	MINOR CONCRETE (MINOR STRUCTURE) [HEADWALLS AND WINGWALLS] (INCLUDING ENERGY DISSIPATOR)		CY	65	1,025.00	66,625.00
26	520101	BAR REINFORCING STEEL [HEADWALL AND WINGWALLS] (INCLUDING ENERGY DISSIPATOR)		LB	7,530	1.25	9,412.50
27	510526	MINOR CONCRETE (BACKFILL)		CY	25	146.00	3,650.00
28	151512	RECONSTRUCT INLET (CALTRANS STD D74B TYPE GDO)		EA	2	5,040.00	10,080.00
29	721026	ROCK SLOPE PROTECTION (BACKING NO. 1, METHOD B)		CY	200	95.80	19,160.00
30	729011	ROCK SLOPE PROTECTION FABRIC (CLASS 8)		SQYD	300	4.05	1,215.00
31	066201	EROSION CONTROL (HYDROSEED)		ACRE	4	13,500.00	54,000.00
32	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA) [OVERSIDE DRAIN]		SQYD	20	75.65	1,513.00

**Contract (Continued)**

ITEM No.	ITEM CODE	ITEM	Like Bid Items	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID SCHEDULE 1: Gilman Springs Road Curve Realignment Project</b>							
33	010601	OBTAIN ENCROACHMENT PERMIT		LS	1	1,000.00	1,000.00
34	731507	MINOR CONCRETE (GUTTER DEPRESSION) (CALTRANS STD D78C)		CY	5	505.00	2,525.00
35	000003	INSTALL PIPE SWING GATE (RCFC&WD M820)		EA	2	3,045.00	6,090.00
36	141000	TEMPORARY FENCE (TYPE ESA)		LF	3,000	2.45	7,350.00
37	120165	CHANNELIZER (SURFACE MOUNTED)		EA	8	20.20	161.60
37.A	000003	ADJUST TO GRADE EXISTING FIRE HYDRANT (PER EMWD STD B-365), ONE LOCATION, STA 10+30		EA	1	1,465.00	1,465.00
37.B	000003	INSTALL GUARDS AND MARKER POSTS (PER EMWD STD B-665), TWO LOCATIONS, STA 17+20 AND STA 33+90		EA	2	1,210.00	2,420.00
37.C	800360	CHAIN LINK FENCE		LF	50	53.00	2,650.00

**BASE BID**

SCHEDULE 1: One million, one hundred one thousand, two hundred twenty four dollars and eighty cents **\$1,101,224.80**

ITEMS 1- 37.C

"WORDS"

ITEM No.	ITEM CODE	ITEM	Like Bid Items	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID SCHEDULE 2: Gilman Springs Road And Soboba Road Traffic Signal; And Pavement Rehabilitation</b>							
38	190101(F)	ROADWAY EXCAVATION	Like 1	CY	175	14.40	2,520.00
39	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	Like 2	TON	40	80.77	3,230.80
40	039013	HOT MIX ASPHALT	Like 3	TON	780	74.12	57,813.60
41	260201	CLASS 2 AGGREGATE BASE	Like 4	CY	40	28.50	1,140.00
42	840656	PAINT TRAFFIC STRIPE (2-COAT)	Like 5	LF	32,100	0.17	5,457.00
43	850111	PAVEMENT MARKER (RETROREFLECTIVE)	Like 6	EA	1,020	2.70	2,754.00
44	152386	RELOCATE ROADSIDE SIGN-ONE POST	Like 7	EA	2	116.00	232.00
45	832005	MIDWEST GUARDRAIL SYSTEM	Like 8	LF	268	28.70	7,691.60
46	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	Like 9	EA	3	2,925.00	8,775.00
47	066102	DUST ABATEMENT		LS	1	1,100.00	1,100.00
48	120100	TRAFFIC CONTROL SYSTEM		LS	1	7,000.00	7,000.00
49	074020	WATER POLLUTION CONTROL		LS	1	800.00	800.00
50	170101	DEVELOP WATER SUPPLY		LS	1	505.00	505.00
51	160101	CLEARING AND GRUBBING		LS	1	12,000.00	12,000.00
52	150662	REMOVE METAL BEAM GUARD RAILING		LF	450	8.05	3,622.50
53	197010(F)	PLACE AND COMPACT EMBANKMENT		CY	1,100	18.75	20,625.00
54	394090	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA) [AC RAMP TRANSITIONS, 3" HMA PAVED AREA]		SQYD	200	25.90	5,180.00
55	017306	MINOR CONCRETE (CURB RAMP) (CRS 403)		EA	3	3,280.00	9,840.00
56	731623	MINOR CONCRETE (CURB RAMP) [CASE CM PER CALTRANS RSP A88B]		EA	2	3,115.00	6,230.00
57	731521	MINOR CONCRETE (SIDEWALK)		SQFT	350	9.80	3,430.00
58	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)		LF	50	22.45	1,122.50

**Contract (Continued)**

ITEM No.	ITEM CODE	ITEM	Like Bid Items	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID SCHEDULE 2: Gilman Springs Road And Soboba Road Traffic Signal; And Pavement Rehabilitation</b>							
59	017304	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)		LF	15	41.10	616.50
60	731516	MINOR CONCRETE (DRIVEWAY)		SQFT	825	11.70	9,652.50
61	839514	HANDRAILING [APWA STD 606-3, TYPE B]		LF	40	75.65	3,026.00
62	833077	PEDESTRIAN BARRICADE		EA	1	797.00	797.00
63	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)		EA	1	530.00	530.00
64	720000	ROCK SLOPE PROTECTION		CY	15	95.80	1,437.00
65	665024	24" CORRUGATED STEEL PIPE (.109" THICK)		LF	8	303.00	2,424.00
66	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM		EA	1	3,100.00	3,100.00
67	000003	CONSTRUCT MGS CONNECTION TO BRIDGE RAILING [NOTE 37]		EA	2	3,500.00	7,000.00
68	860201	SIGNAL AND LIGHTING		LS	1	187,000.00	187,000.00
69	840515	THERMOPLASTIC PAVEMENT MARKING		SQFT	865	1.41	1,219.65
70	150710	REMOVE TRAFFIC STRIPE		LF	23,600	0.10	2,360.00
71	150715	REMOVE THERMOPLASTIC PAVEMENT MARKING		SQFT	1,065	0.65	692.25
72	150742	REMOVE (AND SALVAGE) ROADSIDE SIGN (AND POST)		EA	11	50.50	555.50
73	566012	ROADSIDE SIGN - TWO POST		EA	2	202.00	404.00
74	562004	METAL (RAIL MOUNTED SIGN)		EA	2	303.00	606.00
75	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)		EA	1	101.00	101.00
76	015602	FUNDING AWARENESS SIGN		EA	2	1,100.00	2,200.00
77	760090	MOBILIZATION, DEMOBILIZATION AND FINAL CLEANUP		LS	1	10,000.00	10,000.00
78	010602	MISCELLANEOUS WORK (AS DIRECTED)		FA	1	50,000.00	50,000.00
79	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT		SQYD	4,450	2.00	8,900.00
80	377501	SLURRY SEAL [ TYPE III ]		TON	355	182.00	64,610.00
81	374002	ASPHALTIC EMULSION (FOG SEAL COAT)		SQYD	7,750	0.32	2,480.00
82	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE		LF	1,110	0.10	111.00
83	840501	THERMOPLASTIC TRAFFIC STRIPE		LF	1,110	0.50	555.00

BASE BID SCHEDULE 2: Five hundred twenty one thousand, four hundred forty six dollars and forty cents **\$521,446.40**  
 ITEMS 38- 83 "WORDS"

PROJECT **One million, six hundred twenty two thousand, six hundred seventy one**  
 TOTAL: dollars and twenty cents **\$1,622,671.20**  
 ITEMS 1-83 "WORDS"

**Gilman Springs Road  
Improve Horizontal and Vertical Alignments  
And Other Roadway Safety Features  
0.5 Mile Segment Approximately 1,000-feet Westerly of Soboba Road; and  
Traffic Signal at the Intersection of Soboba Road  
Project No. C4-0079, C5-0065  
Federal Aid No. – HSIPL-5956(237)**

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

**COUNTY OF RIVERSIDE**

**ALL AMERICAN ASPHALT**

BY: \_\_\_\_\_

BY: \_\_\_\_\_

Chairman, Board of Supervisors

DATED: \_\_\_\_\_

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

(If Corporation, affix Seal)

ATTEST:

ATTEST:

Kecia Harper-Ihem, Clerk of the Board

\_\_\_\_\_

BY: \_\_\_\_\_

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

Deputy

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

License No.: 267073

Federal Employer Identification Number:

95-2595043

Department of Industrial Relations Registration Number:

100001051

BY \_\_\_\_\_

"County"

\_\_\_\_\_

"Corporation"  
(Seal)

**Performance Bond**

**Recitals:**

1. **All American Asphalt** (Contractor) has entered into a Contract with COUNTY OF RIVERSIDE (County) for construction of public work known as **Gilman Springs Road, Improve Horizontal and Vertical Alignments, And Other Roadway Safety Features, 0.5 Mile Segment Approximately 1,000-feet Westerly of Soboba Road; and Traffic Signal at the Intersection of Soboba Road, Project No. C4-0079, C5-0065, Federal Aid No. – HSIPL-5956(237).**
2. \_\_\_\_\_, a \_\_\_\_\_ corporation (Surety), is the Surety under this Bond.

**Agreement:**

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

1. The amount of the obligation of this Bond is 100% of the estimated contract price for the Project of **\$1,622,671.20 (One million, six hundred twenty two thousand, six hundred seventy one dollars and twenty cents)** and inures to the benefit of County.
2. This Bond is exonerated by Contractor doing all things to be kept and performed by it in strict conformance with the Contract Documents for this project, otherwise it remains in full force and effect for the recovery of loss, damage and expense of County resulting from failure of Contractor to so act. All of said Contract Documents are incorporated herein.
3. This obligation is binding on our successors and assigns.
4. For value received, Surety stipulates and agrees that no change, time extension, prepayment to Contractor, alteration or addition to the terms and requirements of the Contract Documents or the work to be performed thereunder shall affect its obligations hereunder and waives notice as to such matters, except the total contract price cannot be increased by more than 10% without approval of Surety.

THIS BOND is executed as of \_\_\_\_\_.

By \_\_\_\_\_

By \_\_\_\_\_

By \_\_\_\_\_

Type Name \_\_\_\_\_

Its Attorney in Fact  
"Surety"

Title \_\_\_\_\_

"Contractor"

(Corporate Seal)

(Corporate Seal)

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

**Payment Bond**

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

The makers of this Bond are All American Asphalt, as Principal and Original Contractor and \_\_\_\_\_, a corporation, authorized to issue Surety Bonds in California, as Surety, and this Bond is issued in conjunction with that certain public works contract to be executed between Principal and COUNTY OF RIVERSIDE a public entity, as Owner, for \$1,622,671.20 (One million, six hundred twenty two thousand, six hundred seventy one dollars and twenty cents), the total amount payable. The amount of this bond is one hundred percent (100%) of said sum. Said contract is for public work generally consisting Gilman Springs Road, Improve Horizontal and Vertical Alignments, And Other Roadway Safety Features, 0.5 Mile Segment Approximately 1,000-feet Westerly of Soboba Road; and Traffic Signal at the Intersection of Soboba Road, Project No. C4-0079, C5-0065, Federal Aid No. – HSIPL-5956(237).

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

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

\_\_\_\_\_  
Original Contractor – Principal

\_\_\_\_\_  
Surety

By \_\_\_\_\_

By \_\_\_\_\_

Title \_\_\_\_\_

Its Attorney In Fact

(If corporation, affix seal)

(Corporate Seal)

(Corporate Seal)

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

} ss. SURETY'S ACKNOWLEDGEMENT

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

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

Notary Public (Seal)

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

Bid

Date: 07/25/2016

To: County of Riverside, hereafter called "County";

Bidder: All American Asphalt  
(hereafter called "Contractor")

The undersigned, Contractor, having carefully examined the site and the Contract Documents for the construction of Gilman Springs Road, Improve Horizontal and Vertical Alignments, and Other Roadway Safety Features, 0.5 Mile Segment Approximately 1,000-feet Westerly of Soboba Road; and Traffic Signal at the Intersection of Soboba Road, Project No. C4-0079, C5-0065, Federal Aid No. HSIPL-5956-(237) hereby proposes to construct the work in accordance with the Contract Documents, including Addenda Number(s) \_\_\_\_\_ (Fill in addenda numbers if addenda have been issued.) for the amount stated in this Bid.

By submitting this Bid, Contractor agrees with County:

1. That unless withdrawn in person by Contractor or some person authorized in writing by Contractor (not by telephone or facsimile) before the time specified in the Notice Inviting Bids for the public opening of bids, this Bid constitutes an irrevocable offer for 90 calendar days after that date.
2. County has the right to reject any or all Bids and to waive any irregularities or informalities contained in a Bid.
3. To execute the Contract and deliver the Performance Bond, Payment Bond and Insurance Certificate with endorsements, that comply with the requirements set forth in the Instruction to Bidders and General Conditions (Special Provisions), within ten (10) business days of the date of the Notice of Acceptance of Bid and Intent to Award as issued by the County.
4. That the contract shall be awarded upon a resolution or minute order to that effect duly adopted by the governing body of County; and that execution of the Contract shall constitute a written memorial thereof.
5. To submit to the County such information as County may require determining whether a particular Bid is the lowest responsible bid submitted.
6. That the accompanying Bid Bond, certified check or cashier's check is in an amount not less than 10% of the total bid submitted and constitutes a guarantee that if awarded the contract, Contractor will execute the Contract and deliver the required bonds within ten (10) business days after notice of award. If Contractor fails to execute and deliver said documents, the bond or check is to be charged with the costs of the resultant damages to the County, including but not limited to: publication costs, the difference in money between the amount bid and the amount in excess of the bid which it costs County to do or cause to be done for the work involved, lease and rental costs, additional salaries and overhead, increased interest and costs of funding the project, attorney expense, additional engineering and architectural expense and cost of maintaining or constructing alternate facilities occasioned by the failure to execute and deliver said documents.
7. By signing this Bid the Contractor certifies that the representations made therein are made under penalty of perjury.



**Gilman Springs Road**  
**Improve Horizontal and Vertical Alignments**  
**And Other Roadway Safety Features**  
**0.5 Mile Segment Approximately 1,000-feet Westerly of Soboba Road; and**  
**Traffic Signal at the Intersection of Soboba Road**  
**Project No. C4-0079, C5-0065**  
**Federal Aid No. HSIPL-5956(237)**

ISSUED BY ADDENDUM No. 4  
ATTACHMENT "A"

REVISED PROPOSAL

ITEM No.	ITEM CODE	ITEM	UNIT	Like Bid Item*	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID SCHEDULE 1: GILMAN SPRINGS ROAD CURVE REALIGNMENT PROJECT</b>							
1	760090	MOBILIZATION, DEMOBILIZATION AND FINAL CLEANUP	LS		1	73,500-	73,500-
2	170101	DEVELOP WATER SUPPLY	LS		1	1,000-	1,000-
3	066102	DUST ABATEMENT	LS		1	1,100-	1,100-
4	074020	WATER POLLUTION CONTROL	LS		1	14,000-	14,000-
5	120100	TRAFFIC CONTROL SYSTEM	LS		1	65,000-	65,000-
6	128651	PORTABLE CHANGEABLE MESSAGE SIGN	EA		6	2,600-	15,600-
7	150605	REMOVE FENCE	LF		175	9.10	1,592.50
8	160102	CLEARING AND GRUBBING	LS		1	40,000-	40,000-
9	190101(F)	ROADWAY EXCAVATION	CY	Like 1	7,000	14.40	100,800-
10	198010(F)	IMPORTED BORROW	CY		2,100	24.55	51,555-
11	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	Like 2	1,400	80.77	113,078-
12	390130	HOT MIX ASPHALT	TON	Like 3	2,700	74.12	200,124-
13	260203	CLASS 2 AGGREGATE BASE	CY	Like 4	2,300	28.50	65,550-
14	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)	LF		2,150	3.40	7,310-
15	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF		130	3.40	442.-
16	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	Like 5	8,000	.17	1,360.-
17	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	Like 6	220	2.70	594-
18	152386	RELOCATE ROADSIDE SIGN-ONE POST	EA	Like 7	9	116.-	1,044-
19	566011	ROADSIDE SIGN - ONE POST	EA		30	201-	6,030-
20	832005	MIDWEST GUARDRAIL SYSTEM	LF	Like 8	2,596	28.70	74,505.20
21	820107	DELINEATOR (CLASS 1)	EA		130	58.00	7,540-
22	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	Like 9	7	2,925-	20,475-
23	150809	REMOVE CULVERT	LF		45	169-	7,605-
24	650034	48" REINFORCED CONCRETE PIPE	LF		71	593-	42,103-

\* NOTE: See Instructions to Bidders, Section 15 "Like Bid Items", on page A8; corrections will apply if Like Bid items cost discrepancies are submitted.

**REVISED PROPOSAL**

ISSUED BY ADDENDUM No. 4  
ATTACHMENT "A"

ITEM No.	ITEM CODE	ITEM	UNIT	Like Bid Item*	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
25	510502	MINOR CONCRETE (MINOR STRUCTURE) [HEADWALLS AND WINGWALLS] (INCLUDING ENERGY DISSIPATOR)	CY		65	1,025.00	66,625-
26	520101	BAR REINFORCING STEEL (HEADWALL AND WINGWALLS) (INCLUDING ENERGY DISSIPATOR)	LB		7,530	1.25	9,412.50
27	510526	MINOR CONCRETE (BACKFILL)	CY		25	146-	3,650-
28	151512	RECONSTRUCT INLET (CALTRANS STD D74B TYPE GDO)	EA		2	5,040-	10,080-
29	721026	ROCK SLOPE PROTECTION (BACKING NO. 1, METHOD B)	CY		200	95.80	19,160-
30	729011	ROCK SLOPE PROTECTION FABRIC (CLASS B)	SQYD		300	4.05	1,215-
31	066201	EROSION CONTROL (HYDROSEED)	ACRE		4	13,500-	54,000-
32	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA) (OVERSIDE DRAIN)	SQYD		20	75.65	1,513-
33	010601	OBTAIN ENCROACHMENT PERMIT	LS		1	1,000-	1,000-
34	731507	MINOR CONCRETE (GUTTER DEPRESSION) (CALTRANS STD D78C)	CY		5	505-	2,525-
35	000003	INSTALL PIPE SWING GATE (RCFC&WD M820)	EA		2	3,045-	6,090-
36	141000	TEMPORARY FENCE (TYPE ESA)	LF		3,000	2.45	7,350-
37	120165	CHANNELIZER (SURFACE MOUNTED)	EA		8	20.20	161.60
37.A	000003	ADJUST TO GRADE EXISTING FIRE HYDRANT (PER EMWD STD B-365), ONE LOCATION, STA 10+30	EA		1	1,465-	1,465-
37.B	000003	INSTALL GUARDS AND MARKER POSTS (PER EMWD STD B-665), TWO LOCATIONS, STA 17+20 AND STA 33+90	EA		2	1,210-	2,420-
37.C	800360	CHAIN LINK FENCE	LF		50	53.-	2,650-

BASE BID  
SCHEDULE 1

TOTAL: ONE MILLION ONE HUNDRED AND ONE \$1,101,224.80

ITEMS 1-37.C THOUSAND TWO HUNDRED TWENTY "WORDS"  
FOUR DOLLARS AND SIXTY CENTS

\* NOTE: See Instructions to Bidders, Section 15 "Like Bid Items", on page A8; corrections will apply if Like Bid items cost discrepancies are submitted.

**REVISED PROPOSAL**

ISSUED BY ADDENDUM No. 4  
ATTACHMENT "A"

ITEM No.	ITEM CODE	ITEM	UNIT	Like Bid Item*	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID SCHEDULE 2: GILMAN SPRINGS ROAD AND SOBOBA ROAD TRAFFIC SIGNAL PROJECT; AND PAVEMENT REHABILITATION</b>							
38	190101 (F)	ROADWAY EXCAVATION	CY	Like 1	175	14.40	2,520-
39	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	Like 2	40	80.77	3,230.80
40	039013	HOT MIX ASPHALT	TON	Like 3	780	74.12	57,813.60
41	260201	CLASS 2 AGGREGATE BASE	CY	Like 4	40	28.50	1,140-
42	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	Like 5	32,100	.17	5,457-
43	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	Like 6	1,020	2.70	2,754-
44	152386	RELOCATE ROADSIDE SIGN-ONE POST	EA	Like 7	2	116-	232-
45	832005	MIDWEST GUARDRAIL SYSTEM	LF	Like 8	268	28.70	7,691.60
46	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	Like 9	3	2,925-	8,775-
47	066102	DUST ABATEMENT	LS		1	1,100-	1,100-
48	120100	TRAFFIC CONTROL SYSTEM	LS		1	7,000-	7,000-
49	074020	WATER POLLUTION CONTROL	LS		1	800-	800-
50	170101	DEVELOP WATER SUPPLY	LS		1	505-	505-
51	160101	CLEARING AND GRUBBING	LS		1	12,000-	12,000-
52	150662	REMOVE METAL BEAM GUARD RAILING	LF		450	8.05	3,622.50
53	197010 (F)	PLACE AND COMPACT EMBANKMENT	CY		1,100	18.75	20,625-
54	394090	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA) [AC RAMP TRANSITIONS, 3" HMA PAVED AREA]	SQYD		200	25.90	5,180-
55	017306	MINOR CONCRETE (CURB RAMP) (CRS 403)	EA		3	3,280-	9,840-
56	731623	MINOR CONCRETE (CURB RAMP) [CASE CM PER CALTRANS RSP A88B]	EA		2	3,115-	6,230-
57	731521	MINOR CONCRETE (SIDEWALK)	SQFT		350	9.80	3,430-
58	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)	LF		50	22.45	1,122.50
59	017304	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)	LF		15	41.10	616.50
60	731516	MINOR CONCRETE (DRIVEWAY)	SQFT		825	11.70	9,652.50
61	839514	HANDRAILING [APWA STD 606-3, TYPE B]	LF		40	75.65	3,026-
62	833077	PEDESTRIAN BARRICADE	EA		1	797-	797-
63	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA		1	530-	530-
64	720000	ROCK SLOPE PROTECTION	CY		15	95.80	1,437-
65	665024	24" CORRUGATED STEEL PIPE (.109" THICK)	LF		8	303-	2,424-

\* NOTE: See Instructions to Bidders, Section 15 "Like Bid Items", on page A8; corrections will apply if Like Bid items cost discrepancies are submitted.

**REVISED PROPOSAL**

ISSUED BY ADDENDUM No. 4  
ATTACHMENT "A"

ITEM No.	ITEM CODE	ITEM	UNIT	Like Bid Item*	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID SCHEDULE 2: GILMAN SPRINGS ROAD AND SOBOBA ROAD TRAFFIC SIGNAL PROJECT; AND PAVEMENT REHABILITATION</b>							
66	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA		1	3,100-	3,100-
67	000003	CONSTRUCT MGS CONNECTION TO BRIDGE RAILING [NOTE 37]	EA		2	3,500-	7,000-
68	860201	SIGNAL AND LIGHTING	LS		1	187,000-	187,000-
69	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT		865	1.41	1,219.65
70	150710	REMOVE TRAFFIC STRIPE	LF		23,600	.10	2,360-
71	150715	REMOVE THERMOPLASTIC PAVEMENT MARKING	SQFT		1,065	.65	692.25
72	150742	REMOVE (AND SALVAGE) ROADSIDE SIGN (AND POST)	EA		11	50.50	555.50
73	566012	ROADSIDE SIGN - TWO POST	EA		2	202-	404-
74	562004	METAL (RAIL MOUNTED SIGN)	EA		2	303-	606-
75	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA		1	101-	101-
76	015602	FUNDING AWARENESS SIGN	EA		2	1,100-	2,200-
77	760090	MOBILIZATION, DEMOBILIZATION AND FINAL CLEANUP	LS		1	10,000-	10,000-
78	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA		1	\$ 50,000.00	\$ 50,000.00
79	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD		4,450	<del>2,450.2-</del>	8,900-
80	377501	SLURRY SEAL [ TYPE III ]	TON		355	182-	64,610-
81	374002	ASPHALTIC EMULSION (FOG SEAL COAT)	SQYD		7,750	.32	2,480-
82	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF		1,110	.10	111-
83	840501	THERMOPLASTIC TRAFFIC STRIPE	LF		1,110	.50	555-

BASE BID SCHEDULE 2

TOTAL: FIVE HUNDRED TWENTY ONE THOUSAND FOUR \$521,446.40  
ITEMS 38-83 HUNDRED FORTY SIX THOUSAND FORTY CENT

BASE BID SCHEDULE 1 AND BASE BID SCHEDULE 2

PROJECT

TOTAL: ONE MILLION SIX HUNDRED TWENTY TWO \$1,622,671.20  
ITEMS 1-83 THOUSAND SIX HUNDRED SEVENTY ONE TWENTY CENT

\* NOTE: See Instructions to Bidders, Section 15 "Like Bid Items", on page A8; corrections will apply if Like Bid items cost discrepancies are submitted.

**Bidder Data and Signature**

Name of Bidder: All American Asphalt

Type of organization: Corporation

Person(s) authorized to sign for Bidder: Mark Lver, President

Edward J. Carlson, Vice president

Michael Farkas, Secretary

**Note:**

If Bidder is a Corporation, state legal name of Corporation and also names of the president, vice-president, secretary, treasurer and manager thereof.

If Bidder is a Co-Partnership, state true name of firm and also names of all individual co-partners composing firm.

If Bidder is a sole proprietorship or an Individual, state first and last name(s) in full.

If Bid is signed by an agent other than an owner, partner or corporate officer, Bid shall be accompanied by a power-of-attorney.

Business Street Address: 400 E Sixth Street  
(Please include business address even if P.O. Box is used.)

Business City, State, Zip Code: Corona, CA 92879

P.O. Box- Number: PO Box 2229

P.O. Box- City, State, Zip Code: Corona CA 92878

Phone: (951) 734 7000

Facsimile: (951) 734 7040

E-mail: PublicWorks@Allamericanasphalt.com

Contractor's license number: 267073

License Classification(s): A, C-12

Expiration date: 1/31/18

Department of Industrial Relations Registration Number: 1000001051

**Bidder Data and Signature (continued)**

Accompanying this Bid is a certified check, cashier check or bid bond in an amount equal to at least ten (10) percent of the total bid for:

**Gilman Springs Road  
Improve Horizontal and Vertical Alignments  
And Other Roadway Safety Features  
0.5 Mile Segment Approximately 1,000-feet West of Soboba Road; and  
Traffic Signal at the Intersection of Soboba Road  
Project No. C4-0079, C5-0065  
Federal Aid No. HSIPL-5956(237)**

By my signature on this Bid, I certify, under penalty of perjury under the laws of the State of California, that all the information on this form is true and correct.

By my signature on this Bid, I certify, under penalty of perjury under the laws of the State of California, that the foregoing Statements and Questionnaire 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 certify, under penalty of perjury under the laws of the State of California and the United States of America, that the Title 23 United States Code, Section 112 Non-Collusion Affidavit and Title 49 code of Federal Regulations, part 29 Debarment and Suspension Certification, and Disclosure of Lobbying Activities are true and correct.

IN WITNESS WHERE OF Bidder/Contractor executed this Bid as of the date set forth on page B1 of this Bid.

Signature:



Name (printed):

Edward J. Carlson

Title:

vice president  
"Contractor"

## Subcontractor List

Bidder/Contractor submits the following complete list of each Subcontractor who will perform work, labor or render service in or about the construction in an amount in excess of 1/2 of 1% of the total bid or \$10,000 whichever is greater.

Check box on right side of row if any construction item, for the listed Subcontractor, is partial work. If partial work is to be performed within a certain construction item or trade, the Bidder/Contractor shall specify the portion(s) of the work to be performed by the different subcontractors or Bidder/Contractor will be subject to provisions of Public Contract Code Section 4106.

Name of Bidder (Prime/General Contractor): All American Asphalt

	Subcontractor Name	License Number	DIR Registration Number	Business Address (City, State)	Construction Item(s) [Item Number and Description]	Check if Partial Work
1.	CAL STRIPE	685387	100001100	ULTON, CA	STRIPING 82, 83, 31, 42, 4 SIGN 16-19, 60	<input type="checkbox"/>
2.	COARRINAS BROTHERS	784171	100006652	MURRIETTA, CA	VANDER GROUND 23-28, 34, 37A, 65	<input type="checkbox"/>
3.	FERRERA	985180	100001634	CHINA, CA	MITER 37, B, 45, 40, 37, C, 8, 17, 20-22, 35, 31	<input type="checkbox"/>
4.	MARINA LANDSCAPE	492862	1080000079	DEANVILLE, CA	FIXED ROLLS HYDRO SLIP 31, 36	<input type="checkbox"/>
5.	ROCK STRUCTURES	296470	100005851	CARONA, CA	ROCK SLOPE 29, 30, 64	<input type="checkbox"/>
6.	SERRA PAVING	264048	100004626	ROCKVILLE, CA	ELECTRICAL	<input type="checkbox"/>
7.						<input type="checkbox"/>

(If applicable, check box.)

Additional information for Subcontractor List is attached to this Bid. (A copy of this form may be attached with additional Subcontractor information.)

Percent of work to be performed by Subcontractors: 41 %

Note: A minimum of 50% of the work is required to be performed by the prime/general Contractor.

## Non-Collusion Declaration

To be executed by bidder and submitted with bid.  
(Title 23 United States Code Section 112 and Public Contract Code Section 7106)

The undersigned declares:

I am the Vice President (Title) of All American Asphalt (Company),  
the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder.

All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price of any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

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

I declare under penalty of perjury under the applicable laws that the foregoing is true and correct and that this declaration is executed on

July (Month) 25<sup>th</sup> (Day) of 2016 (Year),

at Corona (City), California (State).

Signature of Declarant:



Printed name of Declarant:

Edward J. Carlson

Name of Bidder (Company):

All American Asphalt

Title or Office:

Vice president

Note: Notarization of signature required.

Check box if attachment is included.



**CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT**

**CIVIL CODE § 1189**

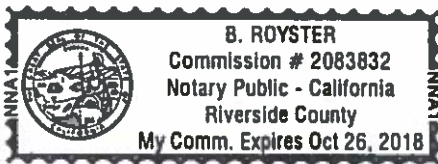
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Riverside

On July 25, 2016 before me, B. Royster, Notary Public  
Date Here Insert name and Title of the Officer

personally appeared Edward J. Carlson  
Name(s) of Signer(s)



Place Notary Seal Above

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature B. Royster  
Signature of Notary Public

**OPTIONAL**

Though the information below is not required by law, it may prove valuable to person relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

**Description of Attached Document**

Title or Type of Document Non-Collusion Declaration - County of Riverside

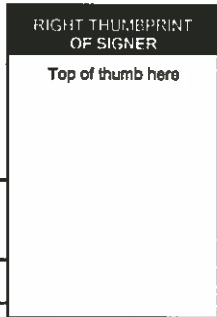
Document Date: July 25, 2016 Number of Pages: 1

Signer(s) Other Than Named Above: None

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: Edward J. Carlson

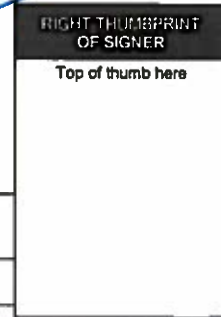
- Individual
- Corporate Officer — Title(s): Vice President
- Partner  Limited  General
- Attorney in Fact
- Trustee
- Other: \_\_\_\_\_



Signer is Representing:  
All American Asphalt

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner  Limited  General
- Attorney in Fact
- Trustee
- Other: \_\_\_\_\_



Signer is Representing: \_\_\_\_\_

**Iran Contracting Act**  
(Public Contract Code sections 2200-2208)


Prior to bidding on, submitting a proposal or executing a contract or renewal for a County of Riverside contract for goods or services of \$1,000,000 or more, a Contractor must either:

- a) Certify it is not on the current list of persons engaged in investment activities in Iran created by the California Department of General Services ("DGS") pursuant to Public Contract Code section 2203(b) and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person, for 45 days or more, if that other person will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS; or
- b) Demonstrate it has been exempted from the certification requirement for that solicitation or contract pursuant to Public Contract Code section 2203(c) or (d).

To comply with this requirement, please insert your Contractor or financial institution name and Federal ID Number (if available) and complete one of the options below. Please note: California law establishes penalties for providing false certifications, including civil penalties equal to the greater of \$250,000 or twice the amount of the contract for which the false certification was made; contract termination; and three-year ineligibility to bid on contracts. (Public Contract Code section 2205.)

**Option #1 – Certification**

I, the official named below, certify I am duly authorized to execute this certification on behalf of the vendor/financial institution identified below, and the vendor/financial institution identified below is **not** on the current list of persons engaged in investment activities in Iran created by DGS and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person/vendor, for 45 days or more, if that other person/vendor will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS.

<i>Contractor Name/Financial Institution (Printed)</i> All American Asphalt		<i>Federal ID Number (or n/a)</i> 95-2595043
<i>By (Authorized Signature)</i> 		
<i>Printed Name and Title of Person Signing</i> Edward J. Carlson		
<i>Date Executed</i> 07/25/2016	<i>Executed in</i> Corona, CA	

**Option #2 – Exemption**

Pursuant to Public Contract Code sections 2203(c) and (d), a public entity may permit a Contractor/financial institution engaged in investment activities in Iran, on a case-by-case basis, to be eligible for, or to bid on, submit a proposal for, or enters into or renews, a contract for goods and services.

If you have obtained an exemption from the certification requirement under the Iran Contracting Act, please fill out the information below, and attach documentation demonstrating the exemption approval.

<i>Contractor Name/Financial Institution (Printed)</i>		<i>Federal ID Number (or n/a)</i>
<i>By (Authorized Signature)</i>		
<i>Printed Name and Title of Person Signing</i>		
<i>Date Executed</i>	<i>Executed in</i>	

**Equal Employment Opportunity Certification**

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.

All American Asphalt  
(Company name)

By: [Signature]  
(Signature)

Edward J. Carlson  
(Name, print)

Vice president  
(Title)

07/25/2016  
(Date)

**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 Statements and Questionnaire

### Public Contract Code Section 10285.1 Statement

In conformance with Public Contract Code Section 10285.1 (Chapter 376, Stats. 1985), the bidder hereby declares under penalty of perjury under the laws of the State of California that the bidder has \_\_\_\_\_, has not  been convicted within the preceding three years of any offenses referred to in that section, including any charge of fraud, bribery, collusion, conspiracy, or any other act in violation of any state or Federal antitrust law in connection with the bidding upon, award of, or performance of, any public works contract, as defined in Public Contract Code Section 1101, with any public entity, as defined in Public Contract Code Section 1100, including the Regents of the University of California or the Trustees of the California State University. The term "bidder" is understood to include any partner, member, officer, director, responsible managing officer, or responsible managing employee thereof, as referred to in Section 10285.1.

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

### Public Contract Code Section 10162 Questionnaire

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

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

Yes \_\_\_\_\_ No

If the answer is yes, explain the circumstances on a separate page.

### Public Contract Code 10232 Statement

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

**Note:** The above Statement and Questionnaire are part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Statement and Questionnaire.

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

## Debarment and Suspension Certification

(Title 49, Code of Federal Regulations, Part 29)

The bidder, under penalty of perjury, certifies that, except as noted below, he/she or any other person associated therewith in the capacity of owner, partner, director, officer, manager:

- is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any Federal agency;
- has not been suspended, debarred, voluntarily excluded or determined ineligible by any Federal agency within the past 3 years;
- does not have a proposed debarment pending; and
- has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past 3 years.

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

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N/A

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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.

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N/A

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**Notes:**

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

Attention is directed to Title 2, Code of Federal Regulations, Parts 180 and 1200

Attention is directed to Form FHWA-1273, Section IV, Subsection 10. Certification of eligibility

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

## Nonlobbying Certification

(for Federal-Aid Contracts)

The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in conformance with its instructions.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such sub-recipients shall certify and disclose accordingly.

# Disclosure of Lobbying Activities

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352

<p><b>1. Type of Federal Action:</b></p> <p><input checked="" type="checkbox"/> a. contract  <input type="checkbox"/> b. grant  <input type="checkbox"/> c. cooperative agreement  <input type="checkbox"/> d. loan  <input type="checkbox"/> e. loan guarantee  <input type="checkbox"/> f. loan insurance</p>	<p><b>2. Status of Federal Action:</b></p> <p><input type="checkbox"/> a. bid/offer/application  <input type="checkbox"/> b. initial award  <input type="checkbox"/> c. post-award</p>	<p><b>3. Report Type:</b></p> <p><input type="checkbox"/> a. initial  <input type="checkbox"/> b. material change</p> <p style="text-align: right;"><b>For Material Change Only:</b>          year _____ quarter _____          date of last report _____</p>
<p><b>4. Name and Address of Reporting Entity</b></p> <p><input type="checkbox"/> Prime      <input type="checkbox"/> Subawardee          Tier _____, if known</p> <p>Congressional District, if known _____</p>	<p><b>5. If Reporting Entity in No. 4 is Subawardee, Enter Name and Address of Prime:</b></p> <p>Congressional District, if known _____</p>	
<p><b>6. Federal Department/Agency:</b></p>	<p><b>7. Federal Program Name/Description:</b></p> <p>CFDA Number, if applicable _____</p>	
<p><b>8. Federal Action Number, if known:</b></p>	<p><b>9. Award Amount, if known:</b></p>	
<p><b>10. a. Name and Address of Lobby Entity</b> (If individual, last name, first name, MI)</p>	<p><b>b. Individuals Performing Services</b> (including address if different from No. 10a) (last name, first name, MI)</p>	
(attach Continuation Sheet(s) if necessary)		
<p><b>11. Amount of Payment (check all that apply)</b></p> <p>\$ _____ <input type="checkbox"/> actual    <input type="checkbox"/> planned</p>	<p><b>13. Type of Payment (check all that apply)</b></p> <p><input type="checkbox"/> a. retainer  <input type="checkbox"/> b. one-time fee  <input type="checkbox"/> c. commission  <input type="checkbox"/> d. contingent fee  <input type="checkbox"/> e. deferred  <input type="checkbox"/> f. other, specify _____</p>	
<p><b>12. Form of Payment (check all that apply):</b></p> <p><input type="checkbox"/> a. cash  <input type="checkbox"/> b. in-kind; specify: nature _____          value _____</p>		
<p><b>14. Brief Description of Services Performed or to be performed and Date(s) of Service, including officer(s), employee(s), or member(s) contacted, for Payment Indicated in Item 11:</b></p>		
(attach Continuation Sheet(s) if necessary)		
<p><b>15. Continuation Sheet(s) attached:</b>      Yes <input type="checkbox"/>      No <input type="checkbox"/></p>		
<p><b>16. Information requested through this form is authorized by Title 31 U.S.C. Section 1352. This disclosure of lobbying reliance was placed by the tier above when his transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to Congress semiannually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.</b></p>		
<p>Signature:  _____</p> <p>Print Name: <u>Edward J. Carlson</u></p> <p>Title: <u>VICE president</u></p> <p>Telephone No.: <u>(951) 736-7600</u>      Date: <u>01/26/16</u></p>		<p style="text-align: right;">Authorized for Local Reproduction Standard Form - LLL</p>
<p><b>Federal Use Only:</b></p>		

## Instructions for Completion of Standard Form – LLL

### Disclosure of Lobbying Activities

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of covered Federal action or a material change to previous filing pursuant to title 31 U.S.C. section 1352. The filing of a form is required for such payment or agreement to make payment to lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with a covered Federal action. Attach a continuation sheet for additional information if the space on the form is inadequate. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence, the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a follow-up report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last, previously submitted report by this reporting entity for this covered Federal action.
4. Enter the full name, address, city, state and zip code of the reporting entity. Include Congressional District if known. Check the appropriate classification of the reporting entity that designates if it is or expects to be a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the first tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in Item 4 checks "Subawardee" then enter the full name, address, city, state and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organization level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans and loan commitments.



8. Enter the most appropriate Federal identifying number available for the Federal action identification in item 1 (e.g., Request for Proposal (RFP) number, Invitation for Bid (IFB) number, grant announcement number, the contract grant or loan award number, the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitments for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, state and zip code of the lobbying entity engaged by the reporting entity identified in item 4 to influenced the covered Federal action.  
(b) Enter the full names of the individual(s) performing services and include full address if different from 10 (a). Enter Last Name, First Name and Middle Initial (MI).
11. Enter the amount of compensation paid or reasonably expected to be paid by the reporting entity (item 4) to the lobbying entity (item 10). Indicate whether the payment has been made (actual) or will be made (planned). Check all boxes that apply. If this is a material change report, enter the cumulative amount of payment made or planned to be made.
12. Check the appropriate box(es). Check all boxes that apply. If payment is made through an in-kind contribution, specify the nature and value of the in-kind payment.
13. Check the appropriate box(es). Check all boxes that apply. If other, specify nature.
14. Provide a specific and detailed description of the services that the lobbyist has performed or will be expected to perform and the date(s) of any services rendered. Include all preparatory and related activity not just time spent in actual contact with Federal officials. Identify the Federal officer(s) or employee(s) contacted or the officer(s) employee(s) or Member(s) of Congress that were contacted.
15. Check whether or not a continuation sheet(s) is attached.
16. The certifying official shall sign and date the form, print his/her name title and telephone number.

Public reporting burden for this collection of information is estimated to average 30 minutes per response, including time for reviewing instruction, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, D.C. 20503.

*SF-LLL-Instructions Rev. 06-04-90*

Addendum No. 6

Gilman Springs Road, Improve Horizontal and Vertical Alignments And Other Roadway Safety Features  
0.5 Mile Segment Approximately 1,000-feet West of Soboba Road; and  
Traffic Signal at the Intersection of Soboba Road  
Project No. C4-0079, C5-0065, Federal Aid No. HSIPL-5956(237)  
August 9, 2016  
Page 3 of 3

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- Refer to Section 15-2.02G, 'Remove Metal Beam Guard Railing', on page 39 of the Special Provisions.

Full compensation for Metal Beam Guard Railing (MBGR) removed as part of *Base Bid Schedule 1*, Gilman Springs Road Curve Realignment Project, shall be considered as included in the Contract price paid per lump sum for bid item No. 8, Clearing and Grubbing.

And,

Full compensation for MBGR removed as part of *Base Bid Schedule 2*, Traffic Signal Project, shall be considered as included in the Contract price paid per linear foot for bid item No. 52, Remove Metal Beam Guard Railing.

- Refer to Section 15-2.02J, Remove Roadside Signs, on page 40 of the Special Provisions (applicable to the Curve Realignment project).

Full compensation for Remove Existing Sign (and Post) shall be considered as included in the price paid for the various items of work and shall include full compensation for furnishing all labor, materials, tools, equipment, incidentals and for doing all the work including protecting, storing, transporting and delivering Road Sign as specified in the these Special Provisions and no additional compensation will be allowed therefor.

Prepared by:

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

Acknowledged:

  
(Contractor)  
Edward J. Carlson, Vice President

Date:

08/09/2016

JRJ:rr

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

Addendum No. 5  
Gilman Springs Road, Improve Horizontal and Vertical Alignments And Other Roadway Safety Features  
0.5 Mile Segment Approximately 1,000-feet West of Soboba Road; and  
Traffic Signal at the Intersection of Soboba Road  
Project No. C4-0079, C5-0065, Federal Aid No. HSIPL-5956(237)  
August 4, 2016  
Page 3 of 3

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



Eng Chong Voon, PE



Recommended by:



Scott Staley, PE  
County Project Manager

Concurrence:



Khalid Nasim, PE  
Engineering Division Manager

Acknowledged:

  
(Contractor)

Date: 08/04/16

Edward J. Carlson, Vice President

JRJ:jjr:rr

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

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



Eng Chong Voon, PE



Recommended by:



Scott Staley, PE  
County Project Manager

Concurrence:



Khalid Nasim, PE  
Engineering Division Manager

Acknowledged:



(Contractor)  
Edward J. Carlson, Vice President

Date:

7/29/2016

JRJ:rr

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



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

# COUNTY OF RIVERSIDE

## TRANSPORTATION AND LAND MANAGEMENT AGENCY



Patricia Romo, P.E.  
Director of Transportation

### Transportation Department

#### ADDENDUM NUMBER 3

Dated July 26, 2016

to the  
Specifications and Contract Documents  
for the construction of

Gilman Springs Road  
Improve Horizontal and Vertical Alignments  
And Other Roadway Safety Features  
0.5 Mile Segment Approximately 1,000-feet West of Soboba Road; and  
Traffic Signal at the Intersection of Soboba Road  
Project No. C4-0079, C5-0065  
Federal Aid No. HSIPL-5956(237)

**Bids Due:** (Revised) Wednesday, August 3, 2016; 2:00 p.m.  
14<sup>th</sup> Street Transportation Annex  
3525 14<sup>th</sup> Street; Riverside, CA 92501  
(951) 955-6780

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

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

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

#### MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

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

Wednesday, August 3, 2016; 2:00 p.m.  
14<sup>th</sup> Street Transportation Annex  
3525 14<sup>th</sup> Street; Riverside, CA 92501  
(951) 955-6780

Prepared by:

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

Acknowledged:

  
(Contractor)  
Edward J. Corison, Vice President

Date:

07/26/2016

JRJ:rr

3525 14<sup>th</sup> Street · Riverside, CA 92501 · (951) 955-6800  
FAX (951) 955-3164

Addendum No. 2  
Gilman Springs Road, Improve Horizontal and Vertical Alignments And Other Roadway Safety Features  
0.5 Mile Segment Approximately 1,000-feet West of Soboba Road; and  
Traffic Signal at the Intersection of Soboba Road  
Project No. C4-0079, C5-0085, Federal Aid No. HSIPL-5956(237)  
July 14, 2016  
Page 7 of 8

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



Kendall S. Zirkel, PE



Recommended by:



Scott Staley, PE  
County Project Manager

Concurrence:



Khalid Nasim, PE  
Engineering Division Manager

Acknowledged:

  
(Contractor)  
Edward J. Carlson, VP

Date:

07/14/2016

JRJ:jrj:rr

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

Addendum No. 1  
Gilman Springs Road, Improve Horizontal and Vertical Alignments And Other Roadway Safety Features  
0.5 Mile Segment Approximately 1,000-feet West of Soboba Road; and  
Traffic Signal at the Intersection of Soboba Road  
Project No. C4-0079, C5-0065, Federal Aid No. HSIPL-5956(237)  
June 21, 2016  
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This addendum has been prepared under the direction of the following registered Civil Engineer(s):

Recommended by:



Scott Staley, PE  
County Project Manager



Concurrence:

 6/21/16

Khalid Nasim, PE  
Engineering Division Manager

Acknowledged:

  
(Contractor)

Date:

06/21/2016

Edward J. Carlson, Vice President

JRJ:jrj:rr

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

**Bid Bond**

**Recitals:**

1. All American Asphalt \_\_\_\_\_ "Contractor", has submitted his/her Contractor's Proposal to County of Riverside, "County", for the construction of public work for Gilman Springs Road, Improve Horizontal and Vertical Alignments, And Other Roadway Safety Features, 0.5 Mile Segment Approximately 1,000-feet Westerly of Soboba Road; and Traffic Signal at the Intersection of Soboba Road, Project No. C4-0079, C5-0065, Federal Aid No. - HSIPL-5956 (237) in accordance with a Notice Inviting Bids from the County.
2. Fidelity and Deposit Company of Maryland \_\_\_\_\_ a Maryland \_\_\_\_\_ corporation, hereafter called "Surety", is the surety of this bond.

COPY

**Agreement:**

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

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

Dated: July 13, 2016

Signatures:

Fidelity and Deposit Company of Maryland

All American Asphalt

By: Rebecca Haas-Bates  
Rebecca Haas-Bates

By: [Signature]

Title: Attorney in Fact  
"Surety"

Title: Edward J. Carlson, Vice President  
"Contractor"

STATE OF \*\*Please See Attached\*\*  
COUNTY \_\_\_\_\_  
OF \_\_\_\_\_

} ss. SURETY'S ACKNOWLEDGEMENT

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

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

Notary Public (Seal)

Note: This Bond must be executed by both Contractor and Surety with corporate seal affixed. All signatures must be notarized. (Attach acknowledgements).



**CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT**

**CIVIL CODE § 1189**

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

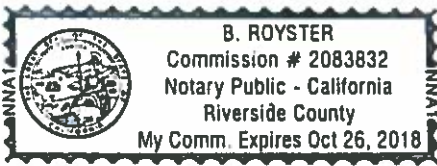
COPY

State of California

County of Riverside

On July 25, 2016 before me, B. Royster, Notary Public  
Date Here Insert name and Title of the Officer

personally appeared Edward J. Carlson  
Name of Signer



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the forgoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature B. Royster  
Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

Though the information below is not required by law, it may prove valuable to person relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

**Description of Attached Document**

Title or Type of Document Bid Bond – County of Riverside

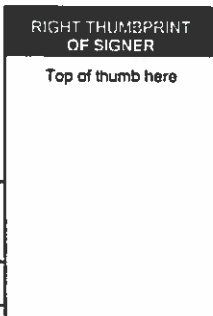
Document Date: July 13, 2016 Number of Pages: 3

Signer(s) Other Than Named Above: Rebecca Haas-Bates, Attorney-in-Fact

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: Edward J. Carlson

- Individual
- Corporate Officer – Title(s): Vice President
- Partner  Limited  General
- Attorney in Fact
- Trustee
- Other: \_\_\_\_\_

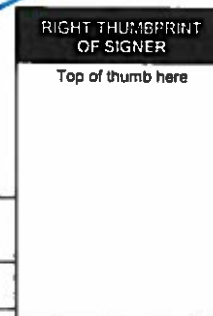


Signer is Representing:

All American Asphalt

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer – Title(s): \_\_\_\_\_
- Partner  Limited  General
- Attorney in Fact
- Trustee
- Other: \_\_\_\_\_



Signer is Representing:

\_\_\_\_\_

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

CIVIL CODE § 1189

COPY

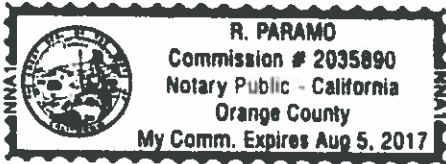
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )  
County of Orange )

On 07/13/2016 before me, R. Paramo, Notary Public  
Date Here Insert Name and Title of the Officer

personally appeared Rebecca Haas-Bates  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal  
Signature [Handwritten Signature]  
Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

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

**Description of Attached Document**

Title or Type of Document: Bid Bond Document Date: 07/13/2016  
Number of Pages: One(1) Signer(s) Other Than Named Above: All American Asphalt

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: Rebecca Haas-Bates  
 Corporate Officer — Title(s): \_\_\_\_\_  
 Partner —  Limited  General  
 Individual  Attorney in Fact  
 Trustee  Guardian or Conservator  
 Other: \_\_\_\_\_  
Signer Is Representing: \_\_\_\_\_  
Fidelity and Deposit Company of Maryland

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

**ZURICH AMERICAN INSURANCE COMPANY  
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY  
FIDELITY AND DEPOSIT COMPANY OF MARYLAND  
POWER OF ATTORNEY**

COPY

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **GERALD F. HALEY, Vice President**, in pursuance of authority granted by Article V, Section 8. of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **William SYRKIN, Rebecca HAAS-BATES, Sergio D. BECHARA and Richard ADAIR, all of Irvine, California, EACH** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 9th day of May, A.D. 2016.

ATTEST:

ZURICH AMERICAN INSURANCE COMPANY  
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY  
FIDELITY AND DEPOSIT COMPANY OF MARYLAND



By: *Eric D. Barnes*

*Gerald F. Haley*

*Secretary*  
*Eric D. Barnes*  
State of Maryland  
County of Baltimore

*Vice President*  
*Gerald F. Haley*

On this 9th day of May, A.D. 2016, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **GERALD F. HALEY, Vice President, and ERIC D. BARNES, Secretary**, of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, depose and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

*Constance A. Dunn*



Constance A. Dunn, Notary Public  
My Commission Expires: July 9, 2019



- Company Profile
- Company Search
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- Company Information
- Old Company Names
- Agent for Service Reference Information
- NAIC Group List
- Lines of Business
- Workers' Compensation Complaint and Request for Action/Appeals Contact Information
- Financial Statements PDF's
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- Additional Info
- Find A Company Representative In Your Area
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**COMPANY PROFILE**

**Company Information**

**FIDELITY AND DEPOSIT COMPANY OF MARYLAND**  
 1400 AMERICAN LANE, 19TH FLOOR  
 SCHUAMBERG, IL 60196-1056  
 800-382-2150

**Old Company Names**

**Effective Date**

**Agent For Service**

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

**Reference Information**

NAIC #:	39306
California Company ID #:	2479-4
Date Authorized In California:	01/01/1982
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	MARYLAND

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**NAIC Group List**

NAIC Group #: **0212** ZURICH INS GRP

**Lines Of Business**

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

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

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