

FORM APPROVED COUNTY COUNSEL
 BY: GREGORY P. PRIAMOS DATE: 4/13/15

Departmental Concurrence

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

736A



FROM: TLMA – Transportation Department

SUBMITTAL DATE:
March 26, 2015

SUBJECT: Accept the Low Bid and Award the Contract for the Construction of Grand Avenue Resurfacing and Widening Project, Community of Lakeland Village. 1st District; [\$4,523,019]; Local Funds 100%

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve two addenda to the plans and specifications issued prior the February 4, 2015, bid opening; and
2. Accept the low bid of Griffith Company of Montclair, CA in the amount of \$4,523,019; and
3. Award the contract to Griffith Company and authorize the Chairman of the Board to execute the contract documents; and
4. Approve the project's proposed budget as shown on Attachment "A."

Patricia Romo
 Patricia Romo
 Assistant Director of Transportation

Juan C. Perez
 Juan C. Perez
 Director of Transportation and Land Management

JCP:jrj:sb

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (Per Exec. Office)
COST	\$ 1,000,000	\$ 3,523,019	\$ 4,523,019	\$ 0	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0	

SOURCE OF FUNDS: Redevelopment Excess Bond Proceed (86.9%), Gas Tax (ABX8-9 Mar 2010 New HUTA) (8.4%), Cities Contribution (3.54%), Utility Companies (1.16%). There are no General Funds used in this project.

Budget Adjustment: No
For Fiscal Year: 14/15-15/16

C.E.O. RECOMMENDATION: APPROVE
 BY: Tina Grande
 County Executive Office Signature

MINUTES OF THE BOARD OF SUPERVISORS

- A-30
- 4/5 Vote
- Positions Added
- Change Order

Prev. Agn. Ref.: 2/28/06, Item 3-52 and 1/6/15, Item 3-42 **District:** 1

Agenda Number:

3-35

SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA
FORM 11: Accept the Low Bid and Award the Contract for the Construction of Grand Avenue Resurfacing and Widening Project, Community of Lakeland Village. 1st District; [\$4,523,019]; Local Funds 100%
DATE: March 26, 2015
PAGE: 2 of 3

BACKGROUND:

Summary

By Minute Order dated January 6, 2015 (Agenda Item 3-42), the Board of Supervisors authorized the Clerk of the Board to advertise for the construction of Grand Avenue Resurfacing and Widening Project between Corydon Road and Bonnie Lee Drive in the Community of Lakeland Village. The project consists of resurfacing of the existing pavement, minor road widening, drainage improvements, sidewalk, and Americans with Disability Act (ADA) access ramps. Traffic improvements include new striping and pavement markings, new larger street name signs, and other work as may be required.

During the advertisement period, two addenda were issued to all registered plan holders as a supplement to the plans and specifications. Bidders were required to acknowledge and take into account all issued addenda on their Contractor's Bid in order to be considered for award. The addenda were issued to clarify and modify the approved contract documents. The addenda are attached. Addendum No. 1 was issued to extend the bid receipt date and Addendum No. 2 was issued to update plans and specifications.

Six bids were received on February 4, 2015, ranging from \$4,523,019 to \$5,328,503. The basis for the selection of a contractor is the lowest responsive and responsible bid. The lowest responsible bid was submitted by Griffith Company in the amount of \$4,523,019, which is \$212,049 (5%) above the Engineer's Estimate. This exceedance is within the target bid range.

Proposed budget as shown on attachment "A" includes contract award amount and other associated costs.

The contract includes following schedules of work:

- Base Bid: Street Improvements
- Alternate Bid Schedule 1: City of Lake Elsinore – Street Improvement
- Alternate Bid Schedule 2: City of Wildomar – Street Improvement
- Alternate Bid Schedule 3: Utility Adjustment work

The City of Lake Elsinore, the City of Wildomar, and utility companies concurred with bid prices for Alternate Bid Schedules 1, 2, and 3, respectively, as bid by the low bidder. The Reimbursement Agreement between the County of Riverside (County) and the cities (City of Lake Elsinore and City of Wildomar) is being submitted to the Riverside County Board of Supervisors for execution concurrent with the award of the construction contract.

The Reimbursement Letter Agreements between the County and utility companies (Verizon, Time Warner, Level 3, and Elsinore Valley Municipal Water District) will be executed by the Director of Transportation and Land Management, or his designee, under the authority delegated by the Board of Supervisors to the Director of Transportation and Land Management by minute order dated February 28, 2006 (Agenda Item 3-52), which authorizes the Director of Transportation and Land Management, or his designee, to approve such letter agreement up to the amount of \$50,000.

The contractor is qualified to perform the work as outlined in the bid, has executed the contract, and has provided bonds and insurance documents, which meet the requirements of the contract.

Project Number: C4-0074

SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA
FORM 11: Accept the Low Bid and Award the Contract for the Construction of Grand Avenue Resurfacing and Widening Project, Community of Lakeland Village. 1st District; [\$4,523,019]; Local Funds 100%
DATE: March 26, 2015
PAGE: 3 of 3

Impact on Residents and Businesses

The proposed improvements will benefit the community by significantly improving the condition of the pavement, minor road widening for safer right turns, and providing upgrades to enhance pedestrian safety.

The work is scheduled to begin in summer of 2015. The work will be phased to keep the roads open to traffic during construction and will take approximately three months to complete.

SUPPLEMENTAL:

Additional Fiscal Information

The contract is recommended to be awarded to Griffith Company for the total amount of \$4,523,019. The project is funded by the successor agency to the Redevelopment Agency, City of Lake Elsinore, City of Wildomar, GTE (Verizon), Time Warner, Level 3, Elsinore Valley Municipal Water District, and Gas Tax (ABX8-9 Mar 2010 New HUTA). There are no General Funds used in this project.

The percentile participation of each funding source is listed below:

Redevelopment Excess Bond Proceed	86.90
Gas Tax (ABX8-9 Mar 2010 New HUTA)	8.40
City of Lake Elsinore	2.38
City of Wildomar	1.16
Elsinore Valley Municipal Water District	0.78
GTE(Verizon)	0.30
Time Warner	0.04
Level 3	<u>0.04</u>
	100.00%

Contract History and Price Reasonableness

Six bids were received on February 4, 2015, ranging from \$4,523,019 to \$5,328,503. The basis for the selection of a contractor is the lowest responsive and responsible bid. The lowest responsible bid was submitted by Griffith Company in the amount of \$4,523,019, which is \$212,049 (5%) above the Engineer's Estimate. This exceedance is within the target bid range.

687



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

FROM: TLMA - Transportation Dept.

SUBMITTAL DATE:
February 17, 2006

SUBJECT: Delegation of Authority to the Director of Transportation to execute Letter Agreements for Minor Utility Adjustments and Relocations Up To \$50,000.

RECOMMENDED MOTION: That the Director of Transportation and his designee be authorized to execute letter agreements with utility owners, for the adjustment and relocation of conflicting facilities which are in conflict with County improvements, up to the amount of \$50,000.

BACKGROUND: County public works improvements usually require the adjustment and relocation of surface utility facilities. The owners of the facilities often request that the Transportation Department include utility adjustment and relocation work as part of the County's contract work. The Transportation Department has typically required each owning utility company to deposit the total bid amount of the utility adjustment work with the County prior to award. Larger scope utility relocation work is arranged through a cooperative agreement between the County and the utility company. A more formal approach to include the smaller scope utility work in the County's contracts is recommended to ensure that the County recovers administrative costs, and to ensure that the County is protected from additional liability exposure

George A. Johnson
George A. Johnson
Director of Transportation

GAJ:sd

(Continued On Attached Page)

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 0.00	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0.00	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0.00	For Fiscal Year:	2005/2006
SOURCE OF FUNDS:				Positions To Be Deleted Per A-30 <input type="checkbox"/>
				Requires 4/5 Vote <input type="checkbox"/>

C.E.O. RECOMMENDATION: APPROVE

County Executive Office Signature

James K. Bryant

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Stone, seconded by Supervisor Buster and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Buster, Tavaglione, Stone, Wilson and Ashley
Nays: None
Absent: None
Date: February 28, 2006
xc: Transp., Co.Co., Auditor

Nancy Romero
Clerk of the Board
Nancy Romero
Deputy

Prev. Agn. Ref.

District: All

Agenda Number:

3.52

FORM APPROVED COUNTY OF RIVERSIDE

FEB 16 2006
Departmental Concurrence By *[Signature]*

Dept. K nm.: Consent
Per Exec. Ofc.: Consent
 Policy Policy

The Honorable Board of Supervisors

RE: Delegation of Authority to the Director of Transportation to execute Letter Agreements for Minor Utility Adjustments and Relocations Up To \$50,000.

February 17, 2006

Page 2 of 2

due to the inclusion of utility company adjustment and relocation work in its contracts. However, a formal cooperative agreement is considered burdensome for such work which is minor in scope and cost.

The office of County Counsel and the Transportation Department have developed a letter agreement template which is proposed to be offered to utility companies which desire for the County to include minor utility adjustment and relocation work in its construction contracts. A copy of the letter agreement template, which is approved as to legal form, is attached and is designated as Attachment "A".

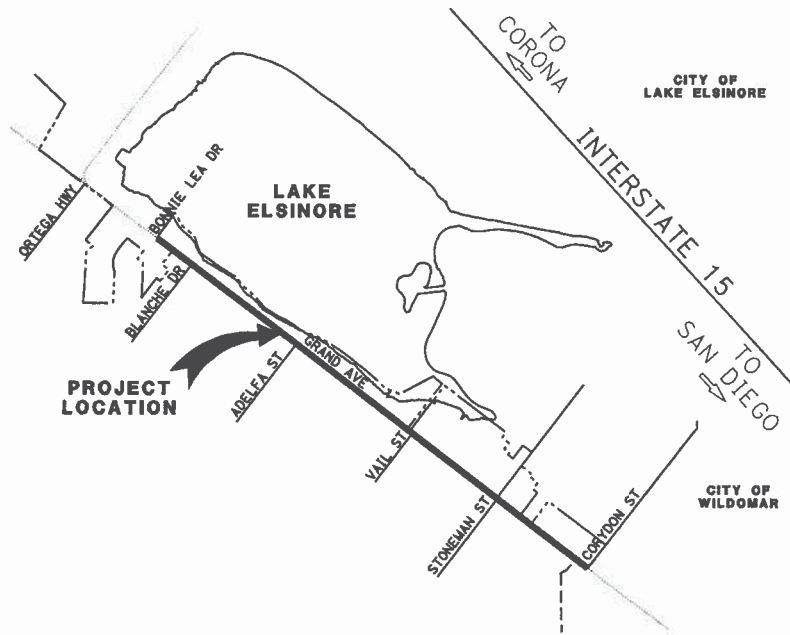
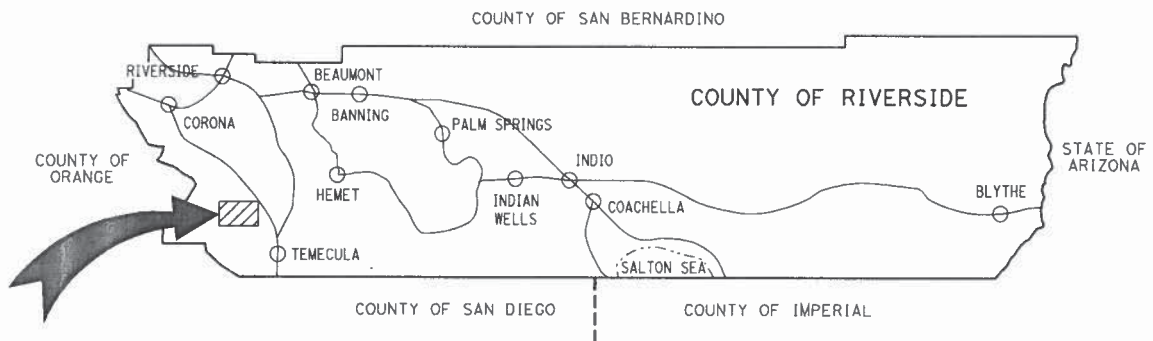
The utility companies are responsible for all costs for the adjustment and relocation of their facilities, which are in conflict with the County's public works improvements, unless they prove that they have superior property rights with regard to the facilities. The inclusion of the adjustment and relocation work is of benefit to the County to facilitate construction and minimize construction delays, and benefits the utility owner in terms of convenience, and often cost.

Execution of the proposed letter agreements by the Director of Transportation or his designee will simplify the administrative process required, reduce administrative time and costs, and reduce the number of items submitted to the Board.

**C O U N T Y O F R I V E R S I D E
T R A N S P O R T A T I O N D E P A R T M E N T**

**GRAND AVENUE
RESURFACING & WIDENING PROJECT
CORYDON STREET TO BONNIE LEA DRIVE
COMMUNITY OF LAKELAND VILLAGE**

PROJECT No. C4-0074



VICINITY MAP

TOWNSHIP 68 RANGE 5W SECTION 13, 14, 24
TOWNSHIP 68 RANGE 4W SECTION 19, 20, 28, 29
COUNTY ROAD BOOK PAGE No. 40, 41, 42A, 72 76

Attachment "A"

Riverside County Transportation Department

Project: **GRAND AVE - LAKELAND VILLAGE :
RESURFACING AND WIDENING PROJECT**

Project No.(s): **C4-0074**

Expenses as of: 3/17/2015

Project Costs and Budget

Activity	Incurred Costs	Projected Costs	Total Costs	Existing Budget	Proposed Budget
Preliminary Survey	69,014		70,000	10,000	70,000
Environmental	16,724		17,000	15,000	17,000
Design	527,235		528,000	230,000	528,000
Right-of-way					
Utilities					
Construction		4,523,019	4,750,100	3,150,000	4,751,000
Construction Contingency 5%		227,000			
Construction Engineering & Inspection 20%	10,193	894,807	905,000	470,000	905,000
Construction Survey 4%	306	175,000	176,000	175,000	176,000
Totals:	623,472	5,819,826	6,446,100	4,050,000	6,447,000

Project Funding

Code	Name	Existing Budget	Proposed Budget
332	Redevelopment Excess Bond Proceeds	5,300,000	5,300,000
713	City of Lake Elsinore		130,000
727	City of Wildomar		63,000
396	Elsinore Valley Municipal Water District		35,000
990	GTE (VERIZON)		13,000
990	TIME WARNER		2,000
990	LEVEL 3		2,000
221	Gas Tax / HUTA		902,000
Totals		5,300,000	6,447,000

Comments

FUNDING AGREEMENTS WITH CITY OF LAKE ELSINORE, CITY OF WILDOMAR AND UTILITIES ARE PROVIDED.

CITY OF LAKE ELSINORE AND CITY OF WILDOMAR BUDGET INCLUDES 5% FOR CONSTRUCTION CONTINGENCY, 11% FOR CONSTRUCTION ENGINEERING & INSPECTION AND 4% FOR CONSTRUCTION SURVEY.

Printed: March 25, 2015

BY: Michael O. Mueting

Form 11 Attachment

Contract/Lease/Purchase Summary Data

Contract (for Services)

- Approval/Renewal
- Sole Source
- Personal Services
- Independent Contractor
- Other than Low Bid
- Change Order
- Public Works

Lease

- Approval/Renewal
- Multi-Year Lease
- Equipment
- Real Property
- Change Order

Purchase (for Materials)

- Sole Source
- Other than Low Bid
- Change Order

Selection Committee Member Names (RFP's Only)

User Department:	Transportation Department
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N/A

Vendor/Lessor Name:	Griffith Company
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Minority Status:

- M W DV None

Vendor/Lessor Location:	Montclair, CA
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Local Preference Applied: Yes No N/A

Local Preference Award Cost \$
(5% maximum preference)

Local Preference FYTD: Cost \$

of Orders

Applicable Board Policy #

Comments:

RFQ/RFP Process:

Date Mailed:
Response Date:
of Responses:
of Qualified Responses:

Bidding Process:

Bid Range: \$ 4,523,019.02 to \$ 5,328,503.00
Local Bid Range: N/A
Responsive and
Responsible Bid Range: \$ 4,523,019.02 to \$ 5,328,503.00

Contract/Lease Renewals Only

Existing Agreement Items

Proposed Agreement Items

1. Rates
2. Terms
3. Conditions
4. Legal Issues
5. Accountability
6. Utilities

(continue on blank sheet if necessary)

NOTE: COMPETITIVELY BID PUBLIC WORKS CONTRACT

**Riverside County Transportation Department
Summary of Bids**

PROJECT:

Grand Ave Resurfacing and Widening Project, Corydon Road to Bonnie Lea Drive,
Community of Lakeland Village

Advertised: January 6, 2015 (Agenda Item: 3-42)

Addenda: 1 (1/22/2015), 2 (1/29/2015)

Bids Open: 2 pm Date: Wednesday, February 4, 2015

PROJECT No. C4-0074

	Company Name	Base Bid Subtotal	Alternate Bid Schedule 1 Subtotal	Alternate Bid Schedule 2 Subtotal	Alternate Bid Schedule 3 Subtotal	Total
	COUNTY'S ESTIMATE	3,999,880.00	131,390.00	74,700.00	105,000.00	\$4,310,970.00
1	Griffith Company	4,310,488.52	107,578.50	52,452.00	52,500.00	\$4,523,019.02
2	All American Asphalt	4,344,602.00	135,577.00	93,400.00	68,250.00	\$4,641,829.00
3	R. J. Noble Company	4,385,594.00	130,540.90	98,968.80	49,875.00	\$4,664,978.70
4	Hardy & Harper	4,646,519.50	135,815.50	87,290.00	79,375.00	\$4,949,000.00
5	Pyramid Construction	4,783,806.55	187,115.00	95,100.00	105,000.00	\$5,171,021.55
6	Excel Paving Company	5,002,343.00	144,240.00	72,090.00	109,830.00	\$5,328,503.00
	Average Bid Prices	\$4,578,892.26	\$140,144.48	\$83,216.80	\$77,471.67	\$4,879,725.21

Riverside County Transportation Department
Summary of Bids

PROJECT: Grand Ave Resurfacing and Widening Project,
Corydon Road to Bonnie Lea Drive, Community of Lakeland Village

Advertised: January 6, 2015 (Agenda Item: 3-42)

Addenda: 1 (1/22/2015), 2 (1/29/2015)

Bids Open: 2 pm Date: Wednesday, February 4, 2015

PROJECT No. C4-0074

Base Bid					COUNTY'S ESTIMATE		1 Griffith Company Montclair, CA 91762	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	066102	DUST ABATEMENT	LS	1	15,000.00	15,000.00	40,000.00	40,000.00
2	074020	WATER POLLUTION CONTROL	LS	1	25,000.00	25,000.00	20,000.00	20,000.00
3	120100	TRAFFIC CONTROL SYSTEM	LS	1	80,000.00	80,000.00	88,753.52	88,753.52
4	160101	CLEARING AND GRUBBING	LS	1	25,000.00	25,000.00	25,000.00	25,000.00
5	220101	FINISHING ROADWAY	LS	1	18,000.00	18,000.00	10,000.00	10,000.00
6	015602	FUNDING AWARENESS SIGN	EA	2	1,500.00	3,000.00	1,000.00	2,000.00
7	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	4	2,500.00	10,000.00	2,950.00	11,800.00
8	066237	REMOVE TREES	EA	11	1,000.00	11,000.00	1,000.00	11,000.00
9	160121	REMOVE TREE STUMP	EA	4	500.00	2,000.00	450.00	1,800.00
10	152438	ADJUST FRAME AND COVER TO GRADE	EA	1	1,290.00	1,290.00	1,000.00	1,000.00
11	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	97,700	1.80	175,860.00	2.40	234,480.00
12	011506	WEDGE PLANE ASPHALT CONCRETE	LF	12,100	2.00	24,200.00	0.15	1,815.00
13	190101	ROADWAY EXCAVATION	CY	3,220	40.00	128,800.00	20.00	64,400.00
14	190185	SHOULDER BACKING	LF	28,300	2.00	56,600.00	0.60	16,980.00
15	260201	CLASS 2 AGGREGATE BASE	CY	1,830	40.00	73,200.00	30.00	54,900.00
16	390130	HOT MIX ASPHALT	TON	18,290	64.00	1,170,560.00	65.00	1,188,850.00
17	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	14,660	67.00	982,220.00	88.00	1,290,080.00
18	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	TON	590	75.00	44,250.00	75.00	44,250.00
19	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	1,600	15.00	24,000.00	8.00	12,800.00
20	394048	PLACE ASPHALT CONCRETE DIKE (TYPE E)	LF	1,250	12.00	15,000.00	8.00	10,000.00
21	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA	2	500.00	1,000.00	2,200.00	4,400.00
22	017304	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)	LF	200	15.00	3,000.00	25.00	5,000.00
23	017305	MINOR CONCRETE (CURB AND GUTTER) (CRS 201)	LF	1,820	20.00	36,400.00	25.00	45,500.00
24	017310	MINOR CONCRETE (DRIVEWAY APPROACH) (CRS 207)	SQFT	2,400	8.00	19,200.00	6.00	14,400.00
25	017303	MINOR CONCRETE (SPANDREL) (CRS 209)	SQFT	4,800	10.00	48,000.00	11.00	52,800.00
26	017302	MINOR CONCRETE (CROSS-GUTTER) (CRS 209)	SQFT	520	10.00	5,200.00	11.00	5,720.00
27	017314	MINOR CONCRETE (DIP SECTION) (CRS 307)	SQFT	7,200	15.00	108,000.00	8.00	57,600.00
28	731516	MINOR CONCRETE (DRIVEWAY)	SQFT	3,070	15.00	46,050.00	6.00	18,420.00
29	731521	MINOR CONCRETE (SIDEWALK)	SQFT	6,250	8.00	50,000.00	4.00	25,000.00
30	731501	MINOR CONCRETE (MONOLITHIC CURB)	LF	475	12.00	5,700.00	30.00	14,250.00
31	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	10	3,500.00	35,000.00	5,000.00	50,000.00
32	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	12	3,000.00	36,000.00	5,000.00	60,000.00
33	731623	MINOR CONCRETE (CURB RAMP)	EA	8	2,500.00	20,000.00	4,000.00	32,000.00
34	017005	CATCH BASIN (COMBINATION INLET) (CRS 302)	EA	3	4,000.00	12,000.00	7,500.00	22,500.00
35	011503	UNDER SIDEWALK DRAIN CAST IN PLACE (CRS 309)	EA	1	2,000.00	2,000.00	5,200.00	5,200.00

Riverside County Transportation Department
Summary of Bids

PROJECT: Grand Ave Resurfacing and Widening Project,
Corydon Road to Bonnie Lea Drive, Community of Lakeland Village

Advertised: January 6, 2015 (Agenda Item: 3-42)

Addenda: 1 (1/22/2015), 2 (1/29/2015)

Bids Open: 2 pm Date: Wednesday, February 4, 2015

PROJECT No. C4-0074

Base Bid (Continue)					COUNTY'S ESTIMATE		1 Griffith Company Montclair, CA 91762	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
36	719530	CURB DRAIN	EA	3	500.00	1,500.00	1,300.00	3,900.00
37	650018	24" REINFORCED CONCRETE PIPE	LF	100	100.00	10,000.00	100.00	10,000.00
38	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	50	30.00	1,500.00	60.00	3,000.00
39	820151	OBJECT MARKER (TYPE L-1)	EA	54	100.00	5,400.00	40.00	2,160.00
40	151281	SALVAGE ROADSIDE SIGN	EA	54	150.00	8,100.00	30.00	1,620.00
41	000003	REPLACE WOOD POST WITH NEW STEEL POST	EA	28	250.00	7,000.00	150.00	4,200.00
42	566011	ROADSIDE SIGN - ONE POST	EA	176	250.00	44,000.00	200.00	35,200.00
43	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	4,700	5.00	23,500.00	3.00	14,100.00
44	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	68,000	0.75	51,000.00	0.25	17,000.00
45	597401	PAINT CURB RED (2-COAT)	LF	200	3.00	600.00	2.00	400.00
46	850102	PAVEMENT MARKER (REFLECTIVE)	EA	2,700	5.00	13,500.00	3.00	8,100.00
47	860811	DETECTOR LOOP	EA	38	500.00	19,000.00	300.00	11,400.00
48	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	380,000.00	380,000.00	380,000.00	380,000.00
48.1	511123	CONCRETE (RAPID SETTING)	CY	100	300.00	30,000.00	650.00	65,000.00
48.2	510501	MINOR CONCRETE [STAIRS, APWA 640-3, TYPE B]	SQFT	190	50.00	9,500.00	70.00	13,300.00
48.3	510501	MINOR CONCRETE [RAMP & LANDING, APWA 640-3, TYPE B]	SQFT	1,830	10.00	18,300.00	20.00	36,600.00
48.4	510530	MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 1, H=3', LEVEL]	LF	226	75.00	16,950.00	285.00	64,410.00
48.5	510530	MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 2, H=3', SLOPE]	LF	65	100.00	6,500.00	315.00	20,475.00
48.6	510530	MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 1, H=5', LEVEL]	LF	95	150.00	14,250.00	315.00	29,925.00
48.7	833000	METAL RAILING [APWA 606-3, TYPE A (TWO RAILS)]	LF	500	50.00	25,000.00	80.00	40,000.00
48.8	802520	6' CHAIN LINK GATE (TYPE CL-6)	LF	35	50.00	1,750.00	200.00	7,000.00
Base Bid Sub-Total Items 1-48.8						3,999,880.00		4,310,488.52
Alternate Bid Schedule 1 (City of Lake Elsinore)					COUNTY'S ESTIMATE		1 Griffith Company Montclair, CA 91762	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
49	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	4,600	1.80	8,280.00	1.50	6,900.00
50	011506	WEDGE PLANE ASPHALT CONCRETE	LF	1,590	2.00	3,180.00	0.15	238.50
51	390130	HOT MIX ASPHALT	TON	790	64.00	50,560.00	50.00	39,500.00
52	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	690	67.00	46,230.00	60.00	41,400.00
53	017305	MINOR CONCRETE (CURB AND GUTTER) (CRS 201)	LF	107	20.00	2,140.00	20.00	2,140.00
54	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	6	3,500.00	21,000.00	2,900.00	17,400.00
Alt. Bid Sch. 1 Sub-Total Items 49-54						131,390.00		107,578.50

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Grand Ave Resurfacing and Widening Project,
Corydon Road to Bonnie Lea Drive, Community of Lakeland Village**

Advertised: January 6, 2015 (Agenda Item: 3-42)

Addenda: 1 (1/22/2015), 2 (1/29/2015)

Bids Open: 2 pm Date: Wednesday, February 4, 2015

PROJECT No. C4-0074

Alternate Bid Schedule 2 (City of Wildomar)					COUNTY'S ESTIMATE		1 Griffith Company Montclair, CA 91762	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
55	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	9,000	1.80	16,200.00	1.70	15,300.00
56	190101	ROADWAY EXCAVATION	CY	40	40.00	1,600.00	18.80	752.00
57	190185	SHOULDER BACKING	LF	620	2.00	1,240.00	5.00	3,100.00
58	260201	CLASS 2 AGGREGATE BASE	CY	20	40.00	800.00	80.00	1,600.00
59	390130	HOT MIX ASPHALT	TON	200	64.00	12,800.00	50.00	10,000.00
60	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	180	67.00	12,060.00	65.00	11,700.00
61	017314	MINOR CONCRETE (DIP SECTION) (CRS 307)	SQFT	2,000	15.00	30,000.00	5.00	10,000.00
Alt. Bid Sch. 2 Sub-Total Items 55-61						74,700.00		52,452.00
Alternate Bid Schedule 3 (Utility Adjustments)					COUNTY'S ESTIMATE		1 Griffith Company Montclair, CA 91762	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
62	152440	ADJUST MANHOLE TO GRADE (GTE/VERIZON)	EA	26	1,000.00	26,000.00	500.00	13,000.00
63	152440	ADJUST MANHOLE TO GRADE (TIME WARNER TELECOM)	EA	4	1,000.00	4,000.00	500.00	2,000.00
64	152440	ADJUST MANHOLE TO GRADE (LEVEL 3)	EA	4	1,000.00	4,000.00	500.00	2,000.00
65	152440	ADJUST MANHOLE TO GRADE (SEWER)	EA	71	1,000.00	71,000.00	500.00	35,500.00
Alt. Bid Sch. 3 Sub-Total Items 62-65						105,000.00		52,500.00
Project Total Items 1-65						4,310,970.00		4,523,019.02

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Grand Ave Resurfacing and Widening Project,
Corydon Road to Bonnie Lea Drive, Community of Lakeland Village**

Advertised: January 6, 2015 (Agenda Item: 3-42)

Addenda: 1 (1/22/2015), 2 (1/29/2015)

Bids Open: 2 pm Date: Wednesday, February 4, 2015

PROJECT No. C4-0074

Base Bid					2 All American Asphalt Corona, CA 92878		3 R. J. Noble Company Orange, CA 92856	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	066102	DUST ABATEMENT	LS	1	10,400.00	10,400.00	35,000.00	35,000.00
2	074020	WATER POLLUTION CONTROL	LS	1	33,200.00	33,200.00	25,000.00	25,000.00
3	120100	TRAFFIC CONTROL SYSTEM	LS	1	153,000.00	153,000.00	155,000.00	155,000.00
4	160101	CLEARING AND GRUBBING	LS	1	9,100.00	9,100.00	35,000.00	35,000.00
5	220101	FINISHING ROADWAY	LS	1	15,280.00	15,280.00	35,000.00	35,000.00
6	015602	FUNDING AWARENESS SIGN	EA	2	3,200.00	6,400.00	884.00	1,768.00
7	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	4	3,700.00	14,800.00	3,650.00	14,600.00
8	066237	REMOVE TREES	EA	11	510.00	5,610.00	885.00	9,735.00
9	160121	REMOVE TREE STUMP	EA	4	310.00	1,240.00	405.00	1,620.00
10	152438	ADJUST FRAME AND COVER TO GRADE	EA	1	1,500.00	1,500.00	650.00	650.00
11	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	97,700	1.20	117,240.00	1.55	151,435.00
12	011506	WEDGE PLANE ASPHALT CONCRETE	LF	12,100	1.16	14,036.00	1.30	15,730.00
13	190101	ROADWAY EXCAVATION	CY	3,220	71.70	230,874.00	45.00	144,900.00
14	190185	SHOULDER BACKING	LF	28,300	2.25	63,675.00	1.39	39,337.00
15	260201	CLASS 2 AGGREGATE BASE	CY	1,830	40.00	73,200.00	64.35	117,760.50
16	390130	HOT MIX ASPHALT	TON	18,290	60.00	1,097,400.00	61.00	1,115,690.00
17	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	14,660	74.30	1,089,238.00	71.50	1,048,190.00
18	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	TON	590	157.00	92,630.00	152.00	89,680.00
19	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	1,600	5.10	8,160.00	2.50	4,000.00
20	394048	PLACE ASPHALT CONCRETE DIKE (TYPE E)	LF	1,250	5.10	6,375.00	3.30	4,125.00
21	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA	2	2,300.00	4,600.00	1,060.00	2,120.00
22	017304	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)	LF	200	52.00	10,400.00	40.50	8,100.00
23	017305	MINOR CONCRETE (CURB AND GUTTER) (CRS 201)	LF	1,820	54.00	98,280.00	42.20	76,804.00
24	017310	MINOR CONCRETE (DRIVEWAY APPROACH) (CRS 207)	SQFT	2,400	11.00	26,400.00	11.25	27,000.00
25	017303	MINOR CONCRETE (SPANDREL) (CRS 209)	SQFT	4,800	17.00	81,600.00	18.25	87,600.00
26	017302	MINOR CONCRETE (CROSS-GUTTER) (CRS 209)	SQFT	520	18.00	9,360.00	19.95	10,374.00
27	017314	MINOR CONCRETE (DIP SECTION) (CRS 307)	SQFT	7,200	20.00	144,000.00	24.00	172,800.00
28	731516	MINOR CONCRETE (DRIVEWAY)	SQFT	3,070	11.00	33,770.00	11.20	34,384.00
29	731521	MINOR CONCRETE (SIDEWALK)	SQFT	6,250	7.50	46,875.00	6.70	41,875.00
30	731501	MINOR CONCRETE (MONOLITHIC CURB)	LF	475	24.00	11,400.00	49.00	23,275.00
31	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	10	3,000.00	30,000.00	3,030.00	30,300.00
32	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	12	3,000.00	36,000.00	3,075.00	36,900.00
33	731623	MINOR CONCRETE (CURB RAMP)	EA	8	3,000.00	24,000.00	1,975.00	15,800.00
34	017005	CATCH BASIN (COMBINATION INLET) (CRS 302)	EA	3	10,100.00	30,300.00	9,165.00	27,495.00
35	011503	UNDER SIDEWALK DRAIN CAST IN PLACE (CRS 309)	EA	1	5,400.00	5,400.00	6,760.00	6,760.00

Riverside County Transportation Department
Summary of Bids

PROJECT: Grand Ave Resurfacing and Widening Project,
Corydon Road to Bonnie Lea Drive, Community of Lakeland Village

Advertised: January 6, 2015 (Agenda Item: 3-42)

Addenda: 1 (1/22/2015), 2 (1/29/2015)

Bids Open: 2 pm Date: Wednesday, February 4, 2015

PROJECT No. C4-0074

Base Bid (Continue)					2 All American Asphalt Corona, CA 92878		3 R. J. Noble Company Corona, CA 92878	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
36	719530	CURB DRAIN	EA	3	1,400.00	4,200.00	1,560.00	4,680.00
37	650018	24" REINFORCED CONCRETE PIPE	LF	100	209.00	20,900.00	310.00	31,000.00
38	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	50	69.00	3,450.00	101.00	5,050.00
39	820151	OBJECT MARKER (TYPE L-1)	EA	54	51.00	2,754.00	52.00	2,808.00
40	151281	SALVAGE ROADSIDE SIGN	EA	54	51.00	2,754.00	33.25	1,795.50
41	000003	REPLACE WOOD POST WITH NEW STEEL POST	EA	28	168.00	4,704.00	175.00	4,900.00
42	566011	ROADSIDE SIGN - ONE POST	EA	176	255.00	44,880.00	259.00	45,584.00
43	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	4,700	3.26	15,322.00	3.35	15,745.00
44	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	68,000	0.27	18,360.00	0.27	18,360.00
45	597401	PAINT CURB RED (2-COAT)	LF	200	2.00	400.00	2.08	416.00
46	850102	PAVEMENT MARKER (REFLECTIVE)	EA	2,700	3.00	8,100.00	3.10	8,370.00
47	860811	DETECTOR LOOP	EA	38	205.00	7,790.00	228.00	8,664.00
48	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	380,000.00	380,000.00	380,000.00	380,000.00
48.1	511123	CONCRETE (RAPID SETTING)	CY	100	533.00	53,300.00	710.00	71,000.00
48.2	510501	MINOR CONCRETE [STAIRS, APWA 640-3, TYPE B]	SQFT	190	64.00	12,160.00	67.60	12,844.00
48.3	510501	MINOR CONCRETE [RAMP & LANDING, APWA 640-3, TYPE B]	SQFT	1,830	7.00	12,810.00	10.00	18,300.00
48.4	510530	MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 1, H=3', LEVEL]	LF	226	150.00	33,900.00	115.00	25,990.00
48.5	510530	MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 2, H=3', SLOPE]	LF	65	150.00	9,750.00	120.00	7,800.00
48.6	510530	MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 1, H=5', LEVEL]	LF	95	224.00	21,280.00	229.00	21,755.00
48.7	833000	METAL RAILING [APWA 606-3, TYPE A (TWO RAILS)]	LF	500	98.00	49,000.00	93.00	46,500.00
48.8	802520	6' CHAIN LINK GATE (TYPE CL-6)	LF	35	87.00	3,045.00	235.00	8,225.00
Base Bid Sub-Total Items 1-48.8						4,344,602.00		4,385,594.00
Alternate Bid Schedule 1 (City of Lake Elsinore)					2 All American Asphalt Corona, CA 92878		3 R. J. Noble Company Corona, CA 92878	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
49	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	4,600	1.75	8,050.00	1.55	7,130.00
50	011506	WEDGE PLANE ASPHALT CONCRETE	LF	1,590	1.20	1,908.00	1.30	2,067.00
51	390130	HOT MIX ASPHALT	TON	790	63.00	49,770.00	61.00	48,190.00
52	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	690	75.00	51,750.00	71.50	49,335.00
53	017305	MINOR CONCRETE (CURB AND GUTTER) (CRS 201)	LF	107	57.00	6,099.00	26.00	2,782.00
54	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	6	3,000.00	18,000.00	3,506.15	21,036.90
Alt. Bid Sch. 1 Sub-Total Items 49-54						135,577.00		130,540.90

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Grand Ave Resurfacing and Widening Project,
Corydon Road to Bonnie Lea Drive, Community of Lakeland Village**

Advertised: January 6, 2015 (Agenda Item: 3-42)

Addenda: 1 (1/22/2015), 2 (1/29/2015)

Bids Open: 2 pm Date: Wednesday, February 4, 2015

PROJECT No. C4-0074

Alternate Bid Schedule 2 (City of Wildomar)					2 All American Asphalt Corona, CA 92878		3 R. J. Noble Company Corona, CA 92878	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
55	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	9,000	1.74	15,660.00	1.55	13,950.00
56	190101	ROADWAY EXCAVATION	CY	40	149.00	5,960.00	45.00	1,800.00
57	190185	SHOULDER BACKING	LF	620	5.00	3,100.00	1.39	861.80
58	260201	CLASS 2 AGGREGATE BASE	CY	20	112.00	2,240.00	64.35	1,287.00
59	390130	HOT MIX ASPHALT	TON	200	62.30	12,460.00	61.00	12,200.00
60	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	180	75.00	13,500.00	71.50	12,870.00
61	017314	MINOR CONCRETE (DIP SECTION) (CRS 307)	SQFT	2,000	20.24	40,480.00	28.00	56,000.00
Alt. Bid Sch. 2 Sub-Total Items 55-61						93,400.00		98,968.80
Alternate Bid Schedule 3 (Utility Adjustments)					2 All American Asphalt Corona, CA 92878		3 R. J. Noble Company Corona, CA 92878	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
62	152440	ADJUST MANHOLE TO GRADE (GTE/VERIZON)	EA	26	650.00	16,900.00	475.00	12,350.00
63	152440	ADJUST MANHOLE TO GRADE (TIME WARNER TELECOM)	EA	4	650.00	2,600.00	475.00	1,900.00
64	152440	ADJUST MANHOLE TO GRADE (LEVEL 3)	EA	4	650.00	2,600.00	475.00	1,900.00
65	152440	ADJUST MANHOLE TO GRADE (SEWER)	EA	71	650.00	46,150.00	475.00	33,725.00
Alt. Bid Sch. 3 Sub-Total Items 62-65						68,250.00		49,875.00
Project Total Items 1-65						4,641,829.00		4,664,978.70

Riverside County Transportation Department
Summary of Bids

PROJECT: Grand Ave Resurfacing and Widening Project,
Corydon Road to Bonnie Lea Drive, Community of Lakeland Village

Advertised: January 6, 2015 (Agenda Item: 3-42)

Addenda: 1 (1/22/2015), 2 (1/29/2015)

Bids Open: 2 pm Date: Wednesday, February 4, 2015

PROJECT No. C4-0074

Base Bid					4 Hardy & Harper Santa Ana, CA 92705		5 Pyramid Construction Herber, CA 92249	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	066102	DUST ABATEMENT	LS	1	5,115.50	5,115.50	60,000.00	60,000.00
2	074020	WATER POLLUTION CONTROL	LS	1	24,000.00	24,000.00	8,000.00	8,000.00
3	120100	TRAFFIC CONTROL SYSTEM	LS	1	333,000.00	333,000.00	180,000.00	180,000.00
4	160101	CLEARING AND GRUBBING	LS	1	77,000.00	77,000.00	81,000.00	81,000.00
5	220101	FINISHING ROADWAY	LS	1	64,000.00	64,000.00	62,000.00	62,000.00
6	015602	FUNDING AWARENESS SIGN	EA	2	1,000.00	2,000.00	1,500.00	3,000.00
7	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	4	1,500.00	6,000.00	3,000.00	12,000.00
8	066237	REMOVE TREES	EA	11	1,000.00	11,000.00	600.00	6,600.00
9	160121	REMOVE TREE STUMP	EA	4	400.00	1,600.00	600.00	2,400.00
10	152438	ADJUST FRAME AND COVER TO GRADE	EA	1	2,500.00	2,500.00	55,000.00	55,000.00
11	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	97,700	2.00	195,400.00	2.25	219,825.00
12	011506	WEDGE PLANE ASPHALT CONCRETE	LF	12,100	1.50	18,150.00	1.50	18,150.00
13	190101	ROADWAY EXCAVATION	CY	3,220	44.50	143,290.00	75.00	241,500.00
14	190185	SHOULDER BACKING	LF	28,300	1.00	28,300.00	2.00	56,600.00
15	260201	CLASS 2 AGGREGATE BASE	CY	1,830	44.50	81,435.00	45.00	82,350.00
16	390130	HOT MIX ASPHALT	TON	18,290	62.50	1,143,125.00	70.00	1,280,300.00
17	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	14,660	75.00	1,099,500.00	79.00	1,158,140.00
18	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	TON	590	100.00	59,000.00	75.00	44,250.00
19	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	1,600	4.00	6,400.00	6.00	9,600.00
20	394048	PLACE ASPHALT CONCRETE DIKE (TYPE E)	LF	1,250	4.00	5,000.00	6.00	7,500.00
21	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA	2	1,500.00	3,000.00	2,000.00	4,000.00
22	017304	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)	LF	200	36.50	7,300.00	29.40	5,880.00
23	017305	MINOR CONCRETE (CURB AND GUTTER) (CRS 201)	LF	1,820	36.50	66,430.00	27.20	49,504.00
24	017310	MINOR CONCRETE (DRIVEWAY APPROACH) (CRS 207)	SQFT	2,400	8.25	19,800.00	8.50	20,400.00
25	017303	MINOR CONCRETE (SPANDREL) (CRS 209)	SQFT	4,800	13.50	64,800.00	9.84	47,232.00
26	017302	MINOR CONCRETE (CROSS-GUTTER) (CRS 209)	SQFT	520	13.50	7,020.00	13.30	6,916.00
27	017314	MINOR CONCRETE (DIP SECTION) (CRS 307)	SQFT	7,200	20.00	144,000.00	11.61	83,592.00
28	731516	MINOR CONCRETE (DRIVEWAY)	SQFT	3,070	8.25	25,327.50	13.61	41,782.70
29	731521	MINOR CONCRETE (SIDEWALK)	SQFT	6,250	5.67	35,437.50	6.00	37,500.00
30	731501	MINOR CONCRETE (MONOLITHIC CURB)	LF	475	33.00	15,675.00	19.51	9,267.25
31	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	10	3,200.00	32,000.00	6,585.00	65,850.00
32	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	12	3,200.00	38,400.00	3,500.00	42,000.00
33	731623	MINOR CONCRETE (CURB RAMP)	EA	8	3,200.00	25,600.00	2,000.00	16,000.00
34	017005	CATCH BASIN (COMBINATION INLET) (CRS 302)	EA	3	8,000.00	24,000.00	2,500.00	7,500.00
35	011503	UNDER SIDEWALK DRAIN CAST IN PLACE (CRS 309)	EA	1	5,000.00	5,000.00	3,000.00	3,000.00

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Grand Ave Resurfacing and Widening Project,
Corydon Road to Bonnie Lea Drive, Community of Lakeland Village**

Advertised: January 6, 2015 (Agenda Item: 3-42)

Addenda: 1 (1/22/2015), 2 (1/29/2015)

Bids Open: 2 pm Date: Wednesday, February 4, 2015

PROJECT No. C4-0074

Base Bid (Continue)					4 Hardy & Harper Santa Ana, CA 92705		5 Pyramid Construction Corona, CA 92878	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
36	719530	CURB DRAIN	EA	3	2,000.00	6,000.00	1,000.00	3,000.00
37	650018	24" REINFORCED CONCRETE PIPE	LF	100	370.00	37,000.00	205.00	20,500.00
38	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	50	100.00	5,000.00	120.00	6,000.00
39	820151	OBJECT MARKER (TYPE L-1)	EA	54	55.00	2,970.00	60.00	3,240.00
40	151281	SALVAGE ROADSIDE SIGN	EA	54	37.00	1,998.00	40.00	2,160.00
41	000003	REPLACE WOOD POST WITH NEW STEEL POST	EA	28	177.00	4,956.00	185.00	5,180.00
42	566011	ROADSIDE SIGN - ONE POST	EA	176	255.00	44,880.00	300.00	52,800.00
43	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	4,700	3.30	15,510.00	5.00	23,500.00
44	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	68,000	0.30	20,400.00	0.32	21,760.00
45	597401	PAINT CURB RED (2-COAT)	LF	200	5.00	1,000.00	3.00	600.00
46	850102	PAVEMENT MARKER (REFLECTIVE)	EA	2,700	4.00	10,800.00	4.00	10,800.00
47	860811	DETECTOR LOOP	EA	38	300.00	11,400.00	500.00	19,000.00
48	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	380,000.00	380,000.00	380,000.00	380,000.00
48.1	511123	CONCRETE (RAPID SETTING)	CY	100	777.00	77,700.00	450.00	45,000.00
48.2	510501	MINOR CONCRETE [STAIRS, APWA 640-3, TYPE B]	SQFT	190	150.00	28,500.00	100.00	19,000.00
48.3	510501	MINOR CONCRETE [RAMP & LANDING, APWA 640-3, TYPE B]	SQFT	1,830	20.00	36,600.00	8.12	14,859.60
48.4	510530	MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 1, H=3', LEVEL]	LF	226	200.00	45,200.00	178.00	40,228.00
48.5	510530	MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 2, H=3', SLOPE]	LF	65	200.00	13,000.00	205.00	13,325.00
48.6	510530	MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 1, H=5', LEVEL]	LF	95	300.00	28,500.00	242.00	22,990.00
48.7	833000	METAL RAILING [APWA 606-3, TYPE A (TWO RAILS)]	LF	500	90.00	45,000.00	100.00	50,000.00
48.8	802520	6' CHAIN LINK GATE (TYPE CL-6)	LF	35	300.00	10,500.00	35.00	1,225.00

Base Bid Sub-Total

Items 1-48.8

4,646,519.50

4,783,806.55

Alternate Bid Schedule 1 (City of Lake Elsinore)					4 Hardy & Harper Santa Ana, CA 92705		5 Pyramid Construction Corona, CA 92878	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
49	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	4,600	2.00	9,200.00	2.25	10,350.00
50	011506	WEDGE PLANE ASPHALT CONCRETE	LF	1,590	1.50	2,385.00	1.50	2,385.00
51	390130	HOT MIX ASPHALT	TON	790	62.50	49,375.00	90.00	71,100.00
52	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	690	75.00	51,750.00	100.00	69,000.00
53	017305	MINOR CONCRETE (CURB AND GUTTER) (CRS 201)	LF	107	36.50	3,905.50	40.00	4,280.00
54	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	6	3,200.00	19,200.00	5,000.00	30,000.00

Alt. Bid Sch. 1 Sub-Total

Items 49-54

135,815.50

187,115.00

Riverside County Transportation Department
Summary of Bids

PROJECT: Grand Ave Resurfacing and Widening Project,
Corydon Road to Bonnie Lea Drive, Community of Lakeland Village

Advertised: January 6, 2015 (Agenda Item: 3-42)

Addenda: 1 (1/22/2015), 2 (1/29/2015)

Bids Open: 2 pm Date: Wednesday, February 4, 2015

PROJECT No. C4-0074

Alternate Bid Schedule 2 (City of Wildomar)					4 Hardy & Harper Santa Ana, CA 92705		5 Pyramid Construction Corona, CA 92878	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
55	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	9,000	2.00	18,000.00	2.50	22,500.00
56	190101	ROADWAY EXCAVATION	CY	40	44.50	1,780.00	75.00	3,000.00
57	190185	SHOULDER BACKING	LF	620	1.00	620.00	5.00	3,100.00
58	260201	CLASS 2 AGGREGATE BASE	CY	20	44.50	890.00	15.00	300.00
59	390130	HOT MIX ASPHALT	TON	200	62.50	12,500.00	90.00	18,000.00
60	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	180	75.00	13,500.00	90.00	16,200.00
61	017314	MINOR CONCRETE (DIP SECTION) (CRS 307)	SQFT	2,000	20.00	40,000.00	16.00	32,000.00
Alt. Bid Sch. 2 Sub-Total Items 55-61						87,290.00		95,100.00
Alternate Bid Schedule 3 (Utility Adjustments)					4 Hardy & Harper Santa Ana, CA 92705		5 Pyramid Construction Corona, CA 92878	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
62	152440	ADJUST MANHOLE TO GRADE (GTE/VERIZON)	EA	26	925.00	24,050.00	1,000.00	26,000.00
63	152440	ADJUST MANHOLE TO GRADE (TIME WARNER TELECOM)	EA	4	925.00	3,700.00	1,000.00	4,000.00
64	152440	ADJUST MANHOLE TO GRADE (LEVEL 3)	EA	4	925.00	3,700.00	1,000.00	4,000.00
65	152440	ADJUST MANHOLE TO GRADE (SEWER)	EA	71	675.00	47,925.00	1,000.00	71,000.00
Alt. Bid Sch. 3 Sub-Total Items 62-65						79,375.00		105,000.00
Project Total Items 1-65						4,949,000.00		5,171,021.55

Riverside County Transportation Department
Summary of Bids

PROJECT: Grand Ave Resurfacing and Widening Project,
Corydon Road to Bonnie Lea Drive, Community of Lakeland Village

Advertised: January 6, 2015 (Agenda Item: 3-42)

Addenda: 1 (1/22/2015), 2 (1/29/2015)

Bids Open: 2 pm Date: Wednesday, February 4, 2015

PROJECT No. C4-0074

Base Bid					6 Excel Paving Company Long Beach, CA 90806			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE		
1	066102	DUST ABATEMENT	LS	1	25,000.00	25,000.00		
2	074020	WATER POLLUTION CONTROL	LS	1	20,000.00	20,000.00		
3	120100	TRAFFIC CONTROL SYSTEM	LS	1	150,000.00	150,000.00		
4	160101	CLEARING AND GRUBBING	LS	1	50,000.00	50,000.00		
5	220101	FINISHING ROADWAY	LS	1	30,000.00	30,000.00		
6	015602	FUNDING AWARENESS SIGN	EA	2	1,300.00	2,600.00		
7	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	4	5,500.00	22,000.00		
8	066237	REMOVE TREES	EA	11	960.00	10,560.00		
9	160121	REMOVE TREE STUMP	EA	4	450.00	1,800.00		
10	152438	ADJUST FRAME AND COVER TO GRADE	EA	1	1,200.00	1,200.00		
11	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	97,700	2.10	205,170.00		
12	011506	WEDGE PLANE ASPHALT CONCRETE	LF	12,100	1.40	16,940.00		
13	190101	ROADWAY EXCAVATION	CY	3,220	78.00	251,160.00		
14	190185	SHOULDER BACKING	LF	28,300	2.90	82,070.00		
15	260201	CLASS 2 AGGREGATE BASE	CY	1,830	68.00	124,440.00		
16	390130	HOT MIX ASPHALT	TON	18,290	71.70	1,311,393.00		
17	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	14,660	78.70	1,153,742.00		
18	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	TON	590	178.00	105,020.00		
19	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	1,600	12.00	19,200.00		
20	394048	PLACE ASPHALT CONCRETE DIKE (TYPE E)	LF	1,250	13.00	16,250.00		
21	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA	2	4,000.00	8,000.00		
22	017304	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)	LF	200	46.00	9,200.00		
23	017305	MINOR CONCRETE (CURB AND GUTTER) (CRS 201)	LF	1,820	44.00	80,080.00		
24	017310	MINOR CONCRETE (DRIVEWAY APPROACH) (CRS 207)	SQFT	2,400	11.00	26,400.00		
25	017303	MINOR CONCRETE (SPANDREL) (CRS 209)	SQFT	4,800	20.40	97,920.00		
26	017302	MINOR CONCRETE (CROSS-GUTTER) (CRS 209)	SQFT	520	20.00	10,400.00		
27	017314	MINOR CONCRETE (DIP SECTION) (CRS 307)	SQFT	7,200	14.80	106,560.00		
28	731516	MINOR CONCRETE (DRIVEWAY)	SQFT	3,070	10.80	33,156.00		
29	731521	MINOR CONCRETE (SIDEWALK)	SQFT	6,250	6.50	40,625.00		
30	731501	MINOR CONCRETE (MONOLITHIC CURB)	LF	475	24.00	11,400.00		
31	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	10	3,600.00	36,000.00		
32	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	12	3,500.00	42,000.00		
33	731623	MINOR CONCRETE (CURB RAMP)	EA	8	3,600.00	28,800.00		
34	017005	CATCH BASIN (COMBINATION INLET) (CRS 302)	EA	3	10,000.00	30,000.00		
35	011503	UNDER SIDEWALK DRAIN CAST IN PLACE (CRS 309)	EA	1	3,000.00	3,000.00		

Riverside County Transportation Department
Summary of Bids

PROJECT: Grand Ave Resurfacing and Widening Project,
Corydon Road to Bonnie Lea Drive, Community of Lakeland Village

Advertised: January 6, 2015 (Agenda Item: 3-42)

Addenda: 1 (1/22/2015), 2 (1/29/2015)

Bids Open: 2 pm Date: Wednesday, February 4, 2015

PROJECT No. C4-0074

Base Bid (Continue)					6 Excel Paving Company Long Beach, CA 90806			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE		
36	719530	CURB DRAIN	EA	3	2,000.00	6,000.00		
37	650018	24" REINFORCED CONCRETE PIPE	LF	100	236.00	23,600.00		
38	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	50	55.00	2,750.00		
39	820151	OBJECT MARKER (TYPE L-1)	EA	54	57.00	3,078.00		
40	151281	SALVAGE ROADSIDE SIGN	EA	54	36.00	1,944.00		
41	000003	REPLACE WOOD POST WITH NEW STEEL POST	EA	28	190.00	5,320.00		
42	566011	ROADSIDE SIGN - ONE POST	EA	176	280.00	49,280.00		
43	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	4,700	3.60	16,920.00		
44	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	68,000	0.30	20,400.00		
45	597401	PAINT CURB RED (2-COAT)	LF	200	2.30	460.00		
46	850102	PAVEMENT MARKER (REFLECTIVE)	EA	2,700	3.40	9,180.00		
47	860811	DETECTOR LOOP	EA	38	255.00	9,690.00		
48	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	380,000.00	380,000.00		
48.1	511123	CONCRETE (RAPID SETTING)	CY	100	1,200.00	120,000.00		
48.2	510501	MINOR CONCRETE [STAIRS, APWA 640-3, TYPE B]	SQFT	190	76.00	14,440.00		
48.3	510501	MINOR CONCRETE [RAMP & LANDING, APWA 640-3, TYPE B]	SQFT	1,830	20.00	36,600.00		
48.4	510530	MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 1, H=3', LEVEL]	LF	226	160.00	36,160.00		
48.5	510530	MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 2, H=3', SLOPE]	LF	65	170.00	11,050.00		
48.6	510530	MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 1, H=5', LEVEL]	LF	95	323.00	30,685.00		
48.7	833000	METAL RAILING [APWA 606-3, TYPE A (TWO RAILS)]	LF	500	110.00	55,000.00		
48.8	802520	6' CHAIN LINK GATE (TYPE CL-6)	LF	35	220.00	7,700.00		
Base Bid Sub-Total								
Items 1-48.8							5,002,343.00	
Alternate Bid Schedule 1 (City of Lake Elsinore)					6 Excel Paving Company Long Beach, CA 90806			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE		
49	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	4,600	2.20	10,120.00		
50	011506	WEDGE PLANE ASPHALT CONCRETE	LF	1,590	1.40	2,226.00		
51	390130	HOT MIX ASPHALT	TON	790	67.00	52,930.00		
52	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	690	86.00	59,340.00		
53	017305	MINOR CONCRETE (CURB AND GUTTER) (CRS 201)	LF	107	32.00	3,424.00		
54	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	6	2,700.00	16,200.00		
Alt. Bid Sch. 1 Sub-Total								
Items 49-54							144,240.00	

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Grand Ave Resurfacing and Widening Project,
Corydon Road to Bonnie Lea Drive, Community of Lakeland Village**

Advertised: January 6, 2015 (Agenda Item: 3-42)

Addenda: 1 (1/22/2015), 2 (1/29/2015)

Bids Open: 2 pm Date: Wednesday, February 4, 2015

PROJECT No. C4-0074

Alternate Bid Schedule 2 (City of Wildomar)					6 Excel Paving Company Long Beach, CA 90806			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE		
55	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	9,000	2.15	19,350.00		
56	190101	ROADWAY EXCAVATION	CY	40	92.00	3,680.00		
57	190185	SHOULDER BACKING	LF	620	3.00	1,860.00		
58	260201	CLASS 2 AGGREGATE BASE	CY	20	85.00	1,700.00		
59	390130	HOT MIX ASPHALT	TON	200	66.00	13,200.00		
60	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	180	85.00	15,300.00		
61	017314	MINOR CONCRETE (DIP SECTION) (CRS 307)	SQFT	2,000	8.50	17,000.00		
Alt. Bid Sch. 2 Sub-Total Items 55-61						72,090.00		
Alternate Bid Schedule 3 (Utility Adjustments)					6 Excel Paving Company Long Beach, CA 90806			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE		
62	152440	ADJUST MANHOLE TO GRADE (GTE/VERIZON)	EA	26	1,000.00	26,000.00		
63	152440	ADJUST MANHOLE TO GRADE (TIME WARNER TELECOM)	EA	4	4,000.00	16,000.00		
64	152440	ADJUST MANHOLE TO GRADE (LEVEL 3)	EA	4	4,000.00	16,000.00		
65	152440	ADJUST MANHOLE TO GRADE (SEWER)	EA	71	730.00	51,830.00		
Alt. Bid Sch. 3 Sub-Total Items 62-65						109,830.00		
Project Total Items 1-65					5,328,503.00			



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

COUNTY OF RIVERSIDE TRANSPORTATION AND LAND MANAGEMENT AGENCY



Patricia Romo, P.E.
Assistant Director of Transportation

Transportation Department

ADDENDUM NUMBER 1

Dated January 22, 2015

to the

Specifications and Contract Documents
for the construction of

Grand Avenue
Resurfacing and Widening Project
Corydon Road to Bonnie Lea Drive
Community of Lakeland Village

Project No. C4-0074

Bids Due: (REVISED)
Wednesday, February 4, 2015; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

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

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

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

MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

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

Wednesday, February 4, 2015; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

Prepared by:

 1/22/15
Joel Jimenez, PE; Senior Civil Engineer; Contracts/Bidding Unit

Acknowledged: _____ Date: _____

(Contractor)

JRJ:jrj



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

COUNTY OF RIVERSIDE TRANSPORTATION AND LAND MANAGEMENT AGENCY



Patricia Romo, P.E.
Assistant Director of Transportation

Transportation Department

ADDENDUM NUMBER 2

Dated January 29, 2015

to the
Specifications and Contract Documents
for the construction of

Grand Avenue
Resurfacing and Widening Project
Corydon Road to Bonnie Lea Drive
Community of Lakeland Village

Project No. C4-0074

Bids Due: Wednesday, February 4, 2015; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

This Addendum is issued pursuant to Section 8 of Instructions to Bidders 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 plans and specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Bid. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted Bid.

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: Public Works Contractor Registration Program

All bidding contractors and subcontractors are being advised that no contractor or subcontractor may be awarded a contract for public works on a public works project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations pursuant to labor Code section 1725.5.

Item 2: Notice to Bidders

Refer to "Notice to Bidders" page "iv" of the Special Provisions. Delete the Engineering Estimate range for Base Bid and replace with the following:

Engineering Estimate: \$4,000,000 - \$4,500,000 (Base Bid)

Item 3: Revised Proposal

Refer to "Proposal" [page B2-B4](#) of the Special Provisions. Delete and replace "PROPOSAL" (page B2 through B4) with revised "Proposal" attached herewith as **Attachment "A"**. The following revisions have been made to the bid Proposal:

- a. ESTIMATED QUANTITY" is revised for the following bid items:
 - Item 13, "ROADWAY EXCAVATION"
 - Item 15, "CLASS 2 AGGREGATE BASE "
 - Item 16, "HOT MIX ASPHALT"
 - Item 18, "PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)"
 - Item 23, "MINOR CONCRETE (CURB AND GUTTER) (CRS 201)"
 - Item 24, "MINOR CONCRETE (DRIVEWAY APPROACH) (CRS 207)"
 - Item 27, "MINOR CONCRETE (DIP SECTION) (CRS 307)"
 - Item 28, "MINOR CONCRETE (DRIVEWAY)"
 - Item 29, "MINOR CONCRETE (SIDEWALK)"
 - Item 30, "MINOR CONCRETE (MONOLITHIC CURB)"
 - Item 34, "CATCH BASIN (COMBINATION INLET) (CRS 302)"
 - Item 36, "CURB DRAIN"

- b. "ITEM CODE" and "ITEM" are revised for the following bid items:
 - Item 34, "CATCH BASIN (CURB INLET) (CRS 300)"

- c. "Following new bid items are added to base bid:
 - Item 48.1, "CONCRETE (RAPID SETTING)"
 - Item 48.2, "MINOR CONCRETE [STAIRS, APWA 640-3, TYPE B]"
 - Item 48.3, "MINOR CONCRETE [RAMP & LANDING, APWA 640-3, TYPE B]"
 - Item 48.4, "MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 1, H=3', LEVEL]"
 - Item 48.5, "MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 2, H=3', SLOPE]"
 - Item 48.6, "MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 1, H=5', LEVEL]"
 - Item 48.7, "METAL RAILING [APWA 606-3, TYPE A (TWO RAILS)]"
 - Item 48.8, "6' CHAIN LINK GATE (TYPE CL-6)"

See Attachment "A"

Item 4: Description

Refer to section "Description" on [page 1](#) of Special Provisions. Delete second paragraph and replace with the following:

The resurfacing project will cold plane 0.25' of the existing asphalt and place 0.25' of new Hot Mix Asphalt (HMA) back on the road. The areas that are widened will be graded and 0.25' of HMA will be placed over native material. A 0.15' layer of Asphalt Rubber Hot Mix (ARHM) will be placed over the entire road width. Both the resurfaced areas and widened areas will have 0.40' of new AC total. The westerly half of Grand Avenue between Baldwin Blvd and Blackwell Blvd will be reconstructed to improve drainage with 0.15' ARHM over 0.25' HMA over 0.50' Class 2 AB. The 0.15' layer of Asphalt Rubber Hot Mix will raise the road surface and the plan will include transitions to the paved side streets, driveways and paved parking areas. Shoulder backing and grading will provide an additional 4' graded shoulder.

Item 5: Pavement Safety Edge

Refer to section "Pavement Safety Edge" on [page 47](#) of Special Provisions. This section has been deleted.

Item 6: Minor Concrete

Refer to section "Minor Concrete" on [page 49](#) of the Special Provisions. Following additional provisions are added and made part thereof:

Contractor shall construct following additional minor concrete structures as shown on the plans and in conformance with applicable standard Specifications and as directed:

Minor Concrete stairs per APWA standard 640-3, type B

Minor Concrete ramp and landing per APWA standard 640-3, type B

Minor Concrete (wall) per County of Riverside retaining Wall standards

Method of Payment

The contract unit bid price paid per square foot for Minor Concrete Stairs, Minor Concrete Ramp & Landing, and per linear foot for Minor Concrete (Wall), which shall include full compensation for furnishing all labor, equipment, materials and tools, and incidentals, and for doing all the work involved including disposal of removed material, and construction of minor concrete items of work complete in place, and no additional compensation will be allowed therefor.

Item 7: Detector Loop

Refer to section "Detector Loop" on [page 56](#) of the Special Provisions. Following additional requirement is added and made part thereof.

COORDINATION WITH COUNTY'S SIGNAL SHOP:

Contractor shall coordinate with County's Signal Shop prior to performing following operations/activities when there is a possibility to cut through existing traffic signal detector loops:

Roadway Excavation

Wedge Planing

Cold planing

Full compensation to coordinate with signal shop shall be considered as included in

various items of work and no additional compensation will be allowed.

Item 8: Pipe Hand Railing

Refer to section "Pipe Hand Railing" on [page 59](#) of the Special Provisions. Delete this section and Replace with the following:

METAL HAND RAILING:

Metal Hand Railing shall conform to the Metal Hand Railings APWA standard 606-3, and Standard Specifications Section 83-1.02A, and as shown on the plan, and these Special Provisions and as directed by Engineer.

Method of Payment

The metal hand railing will be measured by the linear foot from end to end along the face of the railing, including end and intermediate posts, and with no deductions for gaps in railing for lighting and sign supports.

Metal Hand Railing will be paid per linear foot as Metal Railing [APWA 606-3, Type A (Two Rails)], and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in constructing the railings, complete in place, including, but not limited to, excavation, backfill and disposal of surplus material, concrete and reinforcing steel, as shown on the plans, as specified in these specifications and the special provisions, and as directed by the Engineer.

Item 9: Chain Link Fence

Refer to section "Chain Link Fence" on [page 59](#) of the Special Provisions. The first paragraph is deleted and replaced with the following:

Contractor shall install Chain Link Fence (CL-6) and Chain Link Gate (CL-6) where shown on the plan in accordance with section 80 Fences, and Section 80-4 Chain Link Fence of Standard Specification, these Special Provisions and as directed by Engineer.

Full compensation to furnish and install Chain Link Gate will be paid for at the contract price per linear foot and no additional compensation will be allowed.

Item 10: Construction Zone Enhanced Enforcement Program (COZEEP)

Following Special Provisions added and made part hereof:

CONSTRUCTION ZONE ENHANCED ENFORCEMENT PROGRAM (COZEEP):

COZEEP improves project safety through the use of supplemental California Highway Patrol Units to assist in the management of traffic passing through the construction zone. COZEEP involves the presence of the CHP in certain construction zones to serve as a reminder to the public to slow down, observe construction zone signs, and use care while driving through the work zone.

COZEEP shall be considered when above normal traffic problems are anticipated or unique conditions warrant additional public or worker protection.

The Contractor shall coordinate with the Resident Engineer when COZEEP services are needed from the California Highway Patrol.

Method of Payment

Contractor shall pay COZEEP service fee to California Highway Patrol (CHP) when service is rendered and County will reimburse this payment to Contractor.

Full compensation for the actual cost of COZEEP fees, as paid by the Contractor to California Highway Patrol, shall be reimbursed to the Contractor on Force Account Basis under the bid item Miscellaneous Work (As Directed) when invoiced in conformance to these Special Provisions, No markups will be allowed. All incidental costs incurred by the Contractor shall be included in the various items of work, and no additional compensation will be allowed therefor.

Item 11: Slab Replacement with Rapid Strength Concrete (Dip Section)

Following Special Provisions added and made part hereof:

SLAB REPLACEMENT WITH RAPID STRENGTH CONCRETE (DIP SECTION):

This section shall consist of removing and replacing segment of the existing concrete pavement of the Dip Section structure. The replaced slab shall be constructed with Rapid Strength Concrete (RSC) as shown on the plans and in conformance with Section 40, "Portland Cement Concrete Pavement" of the Standard Specifications and these Special Provisions.

DEFINITIONS

The following definitions shall apply to this section:

1. EARLY AGE – A time less than 10 times the final set time of the concrete.
2. FINAL SET TIME – The elapsed time after initial contact of cement and water, or accelerator, if used, at which a specific penetration resistance of 4,000 pounds per square inch is achieved in conformance with the requirements in ASTM Designation: C 403.
3. OPENING AGE – The age at which the concrete will achieve the specified strength for opening to public and construction traffic.

QUALITY CONTROL

The Contractor shall perform quality control inspection, sampling and testing to ensure that slab replacement production and placement conform to the provisions specified herein.

The Contractor shall provide the required sampling, testing and inspection during all phases of slab replacement production and placement. The Contractor shall provide a minimum of two business days' notice to the Engineer, so the Engineer can witness all sampling and testing. The Engineer shall be given unrestricted access to the Contractor's quality control inspectors, samplers, testers and laboratories. During the production and placement period, the Contractor shall provide results of all testing to the Engineer within 15 minutes of completion of testing. The Contractor shall record all inspection, sampling and testing on forms approved by the Engineer. The Contractor shall provide written results of all inspection and testing to the Engineer within 48 hours of completion of each shift of paving and within 24 hours for all 3-day strength tests.

The Contractor shall provide a testing laboratory with adequate equipment and personnel for the performance of the quality control tests. This laboratory shall be located at a location approved by the Engineer and so that prompt testing requirements will be achieved. All sampling and testing equipment shall be maintained in proper working condition. Sampling shall be performed in conformance with the requirements of California Test 125.

Testing laboratories, testing equipment, and sampling and testing personnel shall conform to the requirements of Caltrans IAP certification.

TRIAL SLAB

Prior to beginning work on slab replacement with RSC, the Contractor shall successfully complete one or more trial slabs for each RSC mix design to be used in constructing RSC pavement. Trial slabs shall be constructed, finished, cured and tested with the materials, tools, equipment, personnel and methods to be used in completing RSC pavement. Trial slabs shall demonstrate that the Contractor is capable of producing RSC pavement in conformance with the provisions in this section, within anticipated time periods including delivery, placement, finishing and curing times, and under similar atmospheric and temperature conditions expected during replacement operations. Multiple trial slabs for each RSC mix design may be required to envelop variable atmospheric and temperature conditions.

The trial slab shall be a minimum 6' x 12' and shall be at least 9 inches thick. Trial slabs shall be placed near the project site at a location mutually acceptable to the Engineer and the Contractor except slabs shall not be placed on the roadway or within the project limits.

During trial slab construction, the Contractor shall sample and split the aggregate for gradings, cleanness value, and sand equivalent testing with the Engineer, at the Contractor's cost. Both sets of test results of these samples shall conform to the provisions in Section 90-2.02, "Aggregates" of the Standard Specifications. If test results do not conform to the requirements, the trial slab will be rejected.

During trial slab construction and within 20 minutes of RSC delivery, beams shall be fabricated in conformance with the requirements in California Test 524 to determine early age and 3-day modulus of rupture values. Beams fabricated for early age testing shall be cured so that the monitored temperature in the beams and the trial slab are within 5° F at all times. Internal temperatures of trial slab and early age beams shall be monitored and recorded at minimum time intervals of 5 minutes by installing thermocouples and or thermistors connected to strip-chart recorders or digital data loggers. Temperature recording devices shall be accurate to within $\pm 2^{\circ}$ F. Internal temperature readings shall be measured at one inch from the top and one inch from the bottom, no closer than 3 inches from any edge of the concrete elements, until early age testing is completed. Beams fabricated for 3-day testing shall be cured in conformance with California Test 524 except they shall be placed into sand at between 5 and 10 times final set time or 24 hours, whichever is earlier. Trial slabs shall have an opening age modulus of rupture of not less than 400 pounds per square inch and a 3-day modulus of rupture of not less than 600 pounds per square inch. Beams failing opening age or 3-day modulus of rupture requirements shall be cause for rejection of the trial slab.

Materials resulting from construction of trial slabs and test specimens shall become the property of the Contractor and shall be removed and disposed of in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside the Highway Right of Way" of the Standard Specifications.

RAPID STRENGTH CONCRETE

General

Rapid Strength Concrete (RSC) shall be a concrete made with hydraulic cement that develops opening age and 3-day specified modulus of rupture strengths.

Requirements of Sections 40-1.05, "Proportioning" and 90-1.01, "Description" of the Standard Specifications shall not apply.

Combined aggregate grading used in RSC shall be either the 1-1/2-inch maximum grading, or one-inch maximum grading, at the option of the Contractor.

Cement for RSC shall be hydraulic cement as defined in ASTM Designation: C 219 and shall conform to the following requirements:

1. Test Description	Test Method	Requirement
2. Contraction in Air	California Test 527, W/C Ratio = 0.39 ±0.010	0.053 %, max.
3. Mortar Expansion in Water	ASTM Designation: C 1038	0.04 %, max.
4. Soluble Chloride*	California Test 422	0.05 %, max.
5. Soluble Sulfates*	California Test 417	0.30 %, max.
6. Thermal Stability	California Test 553	60 %, min.
7. Compressive Strength @ 3 days	ASTM Designation: C 109	2,500 psi

*

Test is to be done on a cube specimen, fabricated in conformance with the requirements in ASTM Designation: C 109, cured at least 14 days and then pulverized to 100% passing the No. 50 sieve.

The Contractor shall submit uniformity reports for cement used in RSC to the Transportation Materials Laboratory. Uniformity reports shall conform to the requirements in ASTM Designation: C 917, except that testing age and water content may be modified to suit the particular material.

At least 10 days prior to use in the trial slab, the Contractor shall submit a mix design for RSC that shall include the following:

1. Opening age.
2. Proposed aggregate gradings.
3. Mix proportions of hydraulic cement and aggregate.
4. Types and amounts of chemical admixtures
5. Maximum time allowed between batching RSC and placing roadway pavement.
6. Range of ambient temperatures over which the mix design is effective (18° F maximum range).
7. Final set time of the concrete.

8. Any special instructions or conditions, including but not limited to, water temperature requirements when appropriate.

The Contractor shall submit more than one mix design to plan for ambient temperature variations anticipated during placement of the roadway pavement. Each mix shall be designed for a maximum ambient temperature range of 18° F. The Contractor shall develop and furnish modulus of rupture development data for each proposed mix design. Modulus of rupture development data may be developed from laboratory prepared samples. The testing ages for modulus of rupture development data shall include one hour before opening age, opening age, one hour after opening age, 24 hours, and 3 days.

Concrete pavement penetration requirements in Section 90-6.06, "Amount of Water and Penetration" of the Standard Specifications shall not apply to RSC.

RSC pavement shall develop a minimum modulus of rupture of 400 pounds per square inch at opening age and at least 600 pounds per square inch in 3 days after placement.

Modulus of rupture shall be determined by averaging results from 3 beam specimens tested in conformance with the requirements in California Test 524. Beam specimens may be fabricated using an internal vibrator in conformance with the requirements in ASTM Designation: C 31. No single test shall represent more than the production of that day or 100 cubic yards, whichever is less.

Modulus of rupture at early age may be estimated using the correlation established during trial slab placement. When modulus of rupture at early age is determined using beam specimens, beam specimens shall be cured under atmospheric conditions and at a temperature within 5° F of the pavement. Modulus of rupture at other ages will be determined using beams cured and tested in conformance with California Test 524 except beams will be placed into sand between 5 times and 10 times final set time or 24 hours, whichever is earlier. The Engineer will perform the testing to determine modulus of rupture values of the RSC pavement. The modulus of rupture, as determined above, will be the basis for accepting or rejecting the RSC pavement for modulus of rupture requirements.

Any replaced slabs that develops one or more transverse cracks within 7 days after placement shall be removed and replaced at the Contractor's expense with Rapid Strength Concrete conforming to the requirements of these Special Provisions. A transverse crack is defined as a crack running from one longitudinal edge of the panel to the other.

PROPORTIONING

Weighing, measuring and metering devices used for proportioning materials shall conform to the provisions in Section 9-1.01, "Measurement of Quantities" of the Standard Specifications and these Special Provisions.

Over and under dials, and other indicators for weighing and measuring systems used in proportioning materials shall be grouped so that the smallest increment for each indicator can be accurately read from the point at which the proportioning operation is controlled for ingredients batched at a central batch plant. In addition, indicators for weighing and measuring cement batched from a remote weighing system shall also be

placed so that each indicator can be accurately read from the point at which the proportioning operation is controlled.

Aggregates shall be handled and stored in conformance with the provisions in Section 90-5.01, "Storage of Aggregates" of the Standard Specifications. Liquid admixtures shall be proportioned in conformance with the provisions in Section 90-4.10, "Proportioning and Dispensing Liquid Admixtures" of the Standard Specifications.

Weighing equipment shall be insulated against vibration or movement of other operating equipment. When the plant is in operation, the weight of each draft of material shall not vary from the designated weight by more than the tolerances specified herein. Each scale graduation shall be 0.001 of the usable scale capacity.

Aggregate shall be weighed cumulatively and equipment for the weighing of aggregate shall have a zero tolerance of ± 0.5 percent of the designated total batch weight of the aggregate. Equipment for the separate weighing of the cement shall have a zero tolerance of ± 0.5 percent of its designated individual batch draft. Equipment for measuring water shall have a zero tolerance of ± 0.5 percent of its designated weight or volume.

The weight indicated for any individual batch of material shall not vary from the preselected scale setting by more than the following:

Material	Tolerance
Aggregate	± 1.0 percent of designated batch weight
Cement	± 0.5 percent of designated batch weight
Water	± 1.5 percent of designated batch weight or volume

Proportioning shall consist of dividing the aggregates into the specified sizes, each stored in a separate bin, and combining them with cement and water as provided in these Special Provisions. Dry ingredients shall be proportioned by weight. Liquid ingredients shall be proportioned by weight or volume.

At the time of batching, aggregates shall have been dried or drained sufficiently to result in stable moisture content, so that no visible separation of water from aggregate will take place during the proportioning process. In no event shall the free moisture content of the fine aggregate at the time of batching exceed 8 percent of its saturated, surface-dry weight.

If separate supplies of aggregate material of the same size group with different moisture content or specific gravity or surface characteristics affecting workability are available at the proportioning plant, withdrawals shall be made from one supply exclusively and the materials therein completely exhausted before starting upon another supply.

Cement shall be kept separate from the aggregates until released for discharge into the mixer. Cement shall be free of lumps and clods when discharged into the mixer. Fabric containers used for transportation or proportioning of cement shall be clean and free of residue before reuse.

Weigh systems for proportioning aggregate and cement shall be individual and distinct from all other weigh systems. Each weigh system shall be equipped with a hopper, a

lever system, and an indicator to constitute an individual and distinct material-weighing device.

For batches with a volume of one cubic yard or more, proportioning equipment shall conform to one of the following methods:

1. All ingredients shall be batched at a central batch plant and charged into a mixer truck for transportation to the pour site. Ingredient proportioning shall meet the requirements of Section 90-5, "Proportioning" of the Standard Specifications.
2. All ingredients except the cement shall be batched at a central batch plant and charged into a mixer truck for transportation to a remote located silo and weigh system for the proportioning of the cement. The remote system shall proportion cement for charging the mixer truck.
3. All ingredients except the cement shall be batched at a central batch plant and charged into a mixer truck for transportation to a remote location where pre-weighed, containerized cement shall be added to the mixer truck. The cement pre-weighing operation shall utilize a platform scale. The platform scale shall have a maximum capacity of 2.75 tons with a maximum graduation size of one pound. Cement shall be pre-weighed into a fabric container. The minimum amount of cement to be proportioned into any single container shall be one half of the total amount required for the load of RSC being produced.
4. Cement, water, and aggregate shall be proportioned volumetrically in conformance with these Special Provisions.

In order to check the accuracy of batch weights, the gross weight and tare weight of truck mixers shall be determined when ordered by the Engineer. The equipment shall be weighed on scales designated by the Engineer.

The Contractor shall install and maintain in operating condition an electrically actuated moisture meter. The meter shall indicate, on a readily visible scale, changes in the moisture content of the fine aggregate as it is batched. The meter shall have a sensitivity of 0.5 percent by weight of the fine aggregate.

No additional mixing water shall be incorporated into the concrete during hauling or after arrival at the delivery point, unless authorized by the Engineer. If the Engineer authorizes additional water to be incorporated into the concrete, the drum shall be revolved not less than 30 revolutions at mixing speed after the water is added and before discharge is commenced. Water added to the truck mixer at the job site shall be measured through a meter that conforms to the provisions in Section 9-1.01, "Measurement of Quantities" of the Standard Specifications.

Aggregate discharged from several bins shall be controlled by gates or by mechanical conveyors. The means of discharge from the bins and from the weigh hopper shall be interlocked so that no more than one bin can discharge at a time, and so that the weigh hopper cannot be discharged until the required quantity from each of the bins has been deposited in the weigh hopper.

WEIGHMASTER CERTIFICATES

Weighmaster certificates for RSC, regardless of the proportioning method used, shall include all information necessary to trace the manufacturer, and manufacturer's lot number for the cement being used. When proportioned into fabric containers the weighmaster certificates for the cement shall contain date of proportioning, location of proportioning and actual net draft weight of the cement. When proportioned at the pour site from a storage silo the weighmaster certificates shall contain date of proportioning, location of proportioning and the net draft weight of the cement used in the load.

VOLUMETRIC PROPORTIONING

When RSC is proportioned by volume, the method shall conform to requirements specified herein.

Aggregates shall be handled and stored in conformance with the provisions in Section 90-5.01, "Storage of Aggregates" of the Standard Specifications. Liquid admixtures shall be proportioned in conformance with the provisions in Section 90-4.10, "Proportioning and Dispensing Liquid Admixtures" of the Standard Specifications.

Volumetric proportioned RSC shall be mixed in a mechanically operated mixer of adequate size and power for the type of RSC to be placed. Mixers may be of the auger type and shall be operated uniformly at the mixing speed recommended by the manufacturer. Mixers that have an accumulation of hard concrete or mortar shall be removed from service until cleaned.

Charge or rate of feed to the mixer shall not exceed that which will permit complete mixing of the materials. Dead areas in the mixer, where material does not move or is not sufficiently agitated, shall be corrected by a reduction in the volume of material or by other adjustments. The mixer shall be designed to provide sufficient mixing action and movement to produce properly mixed RSC. Mixing shall continue until a homogeneous mixture is produced at discharge from the mixer. There shall be no lumps or evidence of non-dispersed cement at discharge from the mixer. No water shall be added to the RSC after discharge from the mixer.

Equipment having components made of aluminum or magnesium alloys, which may have contact with plastic concrete during mixing or transporting of RSC, shall not be used.

Ice shall not be used to cool RSC directly. When ice is used to cool water used in the mix, all of the ice shall be melted before entering the mixer.

Cement shall be proportioned and charged into the mixer by means that will result in no losses of cement due to wind, or due to accumulation on equipment, or other conditions which will vary the required quantity of cement.

Each mixer shall have a metal plate or plates, prominently attached, on which the following information is provided:

1. Uses for which the equipment is designed.

2. Manufacturer's guaranteed capacity of the mixer in terms of the volume of mixed concrete.
3. Speed of rotation of the mixer.

Consistency and workability of mixed concrete when discharged at the delivery point shall be suitable for placement and consolidation.

SPREADING, COMPACTING AND SHAPING

Metal or wood side forms may be used. Wood side forms shall not be less than 1-1/2 inches thick. Side forms shall be of sufficient rigidity, both in the form and in the connection with adjoining forms that movement will not occur under the force from sub-grading and paving equipment or from the pressure of concrete.

Side forms shall remain in place until the pavement edge no longer requires the protection of forms. Side forms shall be thoroughly cleaned and oiled prior to each use.

Consolidation of RSC shall be by means of high-frequency internal vibrators after the RSC is deposited on the subgrade. Vibrating shall be done in a manner to assure uniform consolidation adjacent to forms and across the full paving width. RSC shall be placed as nearly as possible in its final position and use of vibrators for extensive shifting of the weight of RSC will not be permitted.

RSC shall be spread and shaped by suitable powered finishing machines and supplemented by hand finishing as necessary. Methods of spreading, shaping and consolidating that result in segregation, voids or rock pockets shall be discontinued. The Contractor shall use methods that will produce dense homogeneous pavement conforming to the required cross section.

After the RSC has been mixed and placed, no additional water shall be added to the surface to facilitate finishing. Surface finishing additives, when used, shall be as recommended by the manufacturer of the cement and shall be approved by the Engineer prior to use.

JOINTS

Prior to placing concrete against existing concrete, a 1/4-inch thick commercial quality polyethylene flexible foam expansion joint filler shall be placed across the original transverse and longitudinal joint faces and extend the full depth of the excavation. The top of the joint filler shall be placed flush with the top of pavement. Joint filler shall be secured to the joint face of the existing pavement by a method that will hold the joint filler in place during the placement of concrete.

Transverse weakened plane joints shall be constructed to match the spacing and skew of the weakened plane joints in the adjacent existing pavement. Where the existing transverse weakened plane joint spacing in an adjacent lane exceeds 15 feet, an additional transverse weakened plane joint shall be constructed midway between the existing joints. The provisions in the second and third paragraphs in Section 40-1.08B, "Weakened Plane Joints" and the third paragraph in Section 40-1.08B(1), "Sawing Method" of the Standard Specifications shall not apply. Sawing of weakened plane joints

shall be completed within 2 hours of completion of final finishing. Minimum depth of cut for weakened plane joints shall be 1/3 the slab depth.

REINFORCEMENT

Reinforcement shall be low-alloy steel deformed bars conforming to the requirements in ASTM Designation: A 706/A 706M in Section 52, "Reinforcement" of the Standard Specifications.

INSTALL KEYWAY

Keyway on the replaced slab shall be installed as shown on the plans.

FINAL FINISHING

Tests to determine coefficient of friction of the final textured surface will be made only if the Engineer determines by visual inspection that the final texturing may not have produced a surface having the specified coefficient of friction. Any tests to determine the coefficient of friction will be made after the pavement is opened to public traffic, but not later than 5 days after concrete placement. Pavement areas having a coefficient of friction as determined in conformance with the requirements in California Test 342 of less than 0.30 shall be grooved in conformance with the provisions in Section 42-1.02, "Construction" of the Standard Specifications. Grooving shall be performed with a steel-tined device to form grooves from 1/8 to 3/16 inch deep after the concrete has hardened. Tines shall be from 3/32 to 1/8 inch wide on 3/4-inch center and shall have enough length, thickness, and resilience to form the required grooves.

Transverse straightedge and longitudinal straightedge requirements will not apply to the pavement surface within 12 inches of the existing concrete pavement except as required in these Special Provisions. Longitudinal straightedge requirements in Section 40-1.10, "Final Finishing" of the Standard Specifications, shall be applied at transverse contact joints with existing concrete pavement where the straightedge is to be placed with the midpoint coincident with the joints. Pavement not meeting this straightedge requirement shall be corrected within 48 hours by grinding or other methods as approved by the Engineer.

Profiles of the completed pavement surface specified in Section 40-1.10, "Final Finishing" of the Standard Specifications will not be required. The Profile Index requirements in Section 40-1.10, "Final Finishing" of the Standard Specifications shall not apply.

CURING METHOD

The curing method for replaced slab shall be as recommended by the manufacturer of the cement and as approved by the Engineer.

NONCOMPLIANT SLAB REPLACEMENT

RSC slab shall be replaced, at Contractor's expense, when any of the following condition exists:

1. One or more full-depth cracks
2. Concrete raveling
3. Noncompliant modulus of rupture

If the modulus of rupture at opening age is at least 400 pounds per square inch (psi) and the modulus of rupture at 3 days is at least 500 psi but less than 600 psi, the RSC slab may remain in place and the following deduction to the individual replaced slab shall apply.

1. RSC slab with modulus of rupture of 400 psi or greater at opening age and 3-day modulus of rupture of 500 psi or greater but less than 550 psi will be paid for at 90 percent of the contract price per cubic yard for individual replaced RSC slab.
2. RSC slab with modulus of rupture of 400 psi or greater at opening age and 3-day modulus of rupture of 550 psi or greater but less than 600 psi will be paid for at 95 percent of the contract price per cubic yard for individual replaced RSC slab.
3. RSC slab with modulus of rupture of less than 400 psi at opening age will be removed and replaced at the Contractor's expense with RSC conforming to the requirements of these Special Provisions.

MEASUREMENT AND PAYMENT

Slab Replacement with Rapid Strength Concrete will be measured and paid for in the same manner specified for concrete pavement in Sections 40-1.13, "Measurement" and 40-1.14, "Payment" of the Standard Specifications (per Cubic Yard), and these Special Provisions.

Slab Replacement with Rapid Strength Concrete payments will be subject to the pay factor values described in "Noncompliant Slab Replacement" of these Special Provisions.

The provisions in Section 40-1.135, "Pavement Thickness" of the Standard Specifications shall not apply.

Full compensation for constructing trial slabs, furnishing and placing bond breaker, placing keyway, grooving, and quality control sampling and testing, shall be considered as included in the contract price paid per cubic yard for Slab Replacement with Rapid Strength Concrete, and no additional compensation will be allowed therefor.

Full compensation for furnishing and installing #5 bars at 12" on center shall be considered as included in the contract price paid per cubic yard for Slab Replacement with Rapid Strength Concrete, and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in placing reinforcing bars as shown on the plans, as specified in the Standard Specifications, and these Special Provisions, and as directed by the Engineer.

Full compensation for seal pavement joint shall be considered as included in the contract price paid per cubic yard for Slab Replacement with Rapid Strength Concrete,

and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in sealing and filling pavement joints complete in place, including sawing, cleaning and preparing the joints in the concrete pavement, repairing and patching spalled or raveled sawed joints, and replacing or repairing rejected joints, as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

MODIFICATIONS / CLARIFICATIONS TO PLANS

Item 12: Standard Drawings

Following Standard drawings are being provided as Attachment "B" to this addendum.

- County of Riverside Standard (CRS 302)
- APWA Standard 606-3
- APWA Standard 640-3
- County of Riverside Building Department Retaining Wall Standards

[See Attachment "B"](#)

Item 13: Construction Note (Sheet L-5)

Refer to plan sheet L-5, delete construction note 52 and replace with 52A
"CONSTRUCT DIP SECTION PER STD NO. 307, MODIFIED 10" THICK RAPID STRENGTH
CONCRETE WITH #5 BARS AT 12" O.C. LENGTH AND WIDTH AS SHOWN.

Item 14: Plan sheet revisions

The following three plan sheets are deleted and replaced with revised sheets.

1. **Plan Sheet L-5 (8 of 24)**

2. **Plan sheet C-1 (13 of 24)**

3. **Plan sheet C-2 (14 of 24)**

- Approximate Location of sewer laterals and underground utilities are added
- Construction Note 60 is revised to include "Two Grates-Perpendicular to the flow of Traffic"
- Construction Note 32 is deleted and 32A is added
- Construction Note 37 is deleted

4. **Plan Sheet C-3 (15 of 24)**

Retaining Wall length is added

Construction Note 72 is deleted

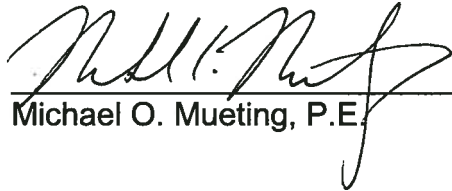
Construction Note 32 is deleted and 32A is added

[See Attachment "C"](#)

Note: All revised plan sheets are posted on following website and 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):

 1-29-15

Michael O. Mueeting, P.E.



Concurrence:



Khalid Nasim, P.E.
Engineering Division Manager

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

JRJ:jj:sb

Note: Refer to Section 8, "Addenda" (page A4). Submission of all addendum pages and non-bidding document attachments of addendum are not necessary for Bid submittal. Submittal of **only this** acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received on the first page (B1) of the Bid form (Proposal).

**Grand Avenue
Resurfacing and Widening Project
Corydon Road to Bonnie Lea Drive
Community of Lakeland Village
Project No. C4-0074**

PROPOSAL (REVISED)

Base Bid

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
1	066102	DUST ABATEMENT	LS	1		
2	074020	WATER POLLUTION CONTROL	LS	1		
3	120100	TRAFFIC CONTROL SYSTEM	LS	1		
4	160101	CLEARING AND GRUBBING	LS	1		
5	220101	FINISHING ROADWAY	LS	1		
6	015602	FUNDING AWARENESS SIGN	EA	2		
7	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	4		
8	066237	REMOVE TREES	EA	11		
9	160121	REMOVE TREE STUMP	EA	4		
10	152438	ADJUST FRAME AND COVER TO GRADE	EA	1		
11	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	97,700		
12	011506	WEDGE PLANE ASPHALT CONCRETE	LF	12,100		
13	190101	ROADWAY EXCAVATION	CY	3,220		
14	190185	SHOULDER BACKING	LF	28,300		
15	260201	CLASS 2 AGGREGATE BASE	CY	1,830		
16	390130	HOT MIX ASPHALT	TON	18,290		
17	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	14,660		
18	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	TON	590		
19	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	1,600		
20	394048	PLACE ASPHALT CONCRETE DIKE (TYPE E)	LF	1,250		
21	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA	2		
22	017304	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)	LF	200		
23	017305	MINOR CONCRETE (CURB AND GUTTER) (CRS 201)	LF	1,820		
24	017310	MINOR CONCRETE (DRIVEWAY APPROACH) (CRS 207)	SQFT	2,400		
25	017303	MINOR CONCRETE (SPANDREL) (CRS 209)	SQFT	4,800		
26	017302	MINOR CONCRETE (CROSS-GUTTER) (CRS 209)	SQFT	520		

PROPOSAL (REVISED)

Attachment "A" to Addendum 2

Base Bid (Continued)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
27	017314	MINOR CONCRETE (DIP SECTION) (CRS 307)	SQFT	7,200		
28	731516	MINOR CONCRETE (DRIVEWAY)	SQFT	3,070		
29	731521	MINOR CONCRETE (SIDEWALK)	SQFT	6,250		
30	731501	MINOR CONCRETE (MONOLITHIC CURB)	LF	475		
31	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	10		
32	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	12		
33	731623	MINOR CONCRETE (CURB RAMP)	EA	8		
34	017005	CATCH BASIN (COMBINATION INLET) (CRS 302)	EA	3		
35	011503	UNDER SIDEWALK DRAIN CAST IN PLACE (CRS 309)	EA	1		
36	719530	CURB DRAIN	EA	3		
37	650018	24" REINFORCED CONCRETE PIPE	LF	100		
38	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	50		
39	820151	OBJECT MARKER (TYPE L-1)	EA	54		
40	151281	SALVAGE ROADSIDE SIGN	EA	54		
41	000003	REPLACE WOOD POST WITH NEW STEEL POST	EA	28		
42	566011	ROADSIDE SIGN - ONE POST	EA	176		
43	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	4,700		
44	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	68,000		
45	597401	PAINT CURB RED (2-COAT)	LF	200		
46	850102	PAVEMENT MARKER (REFLECTIVE)	EA	2,700		
47	860811	DETECTOR LOOP	EA	38		
48	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	380,000.00	380,000.00
48.1	511123	CONCRETE (RAPID SETTING)	CY	100		
48.2	510501	MINOR CONCRETE [STAIRS, APWA 640-3, TYPE B]	SQFT	190		
48.3	510501	MINOR CONCRETE [RAMP & LANDING, APWA 640-3, TYPE B]	SQFT	1,830		
48.4	510530	MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 1, H=3', LEVEL]	LF	226		
48.5	510530	MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 2, H=3', SLOPE]	LF	65		
48.6	510530	MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 1, H=5', LEVEL]	LF	95		
48.7	833000	METAL RAILING [APWA 606-3, TYPE A (TWO RAILS)]	LF	500		
48.8	802520	6' CHAIN LINK GATE (TYPE CL-6)	LF	35		

BASE BID

SUB-TOTAL:

ITEMS 1-48.8

"WORDS"

\$ _____

PROPOSAL (REVISED)

Alternate Bid Schedule 1 (City of Lake Elsinore)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
49	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	4,600		
50	011506	WEDGE PLANE ASPHALT CONCRETE	LF	1,590		
51	390130	HOT MIX ASPHALT	TON	790		
52	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	690		
53	017305	MINOR CONCRETE (CURB AND GUTTER) (CRS 201)	LF	107		
54	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	6		

ALT BID SCH.1

SUB-TOTAL: _____ \$ _____
 ITEMS 49-54 "WORDS"

Alternate Bid Schedule 2 (City of Wildomar)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
55	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	9,000		
56	190101	ROADWAY EXCAVATION	CY	40		
57	190185	SHOULDER BACKING	LF	620		
58	260201	CLASS 2 AGGREGATE BASE	CY	20		
59	390130	HOT MIX ASPHALT	TON	200		
60	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	180		
61	017314	MINOR CONCRETE (DIP SECTION) (CRS 307)	SQFT	2,000		

ALT BID SCH. 2

SUB-TOTAL: _____ \$ _____
 ITEMS 55-61 "WORDS"

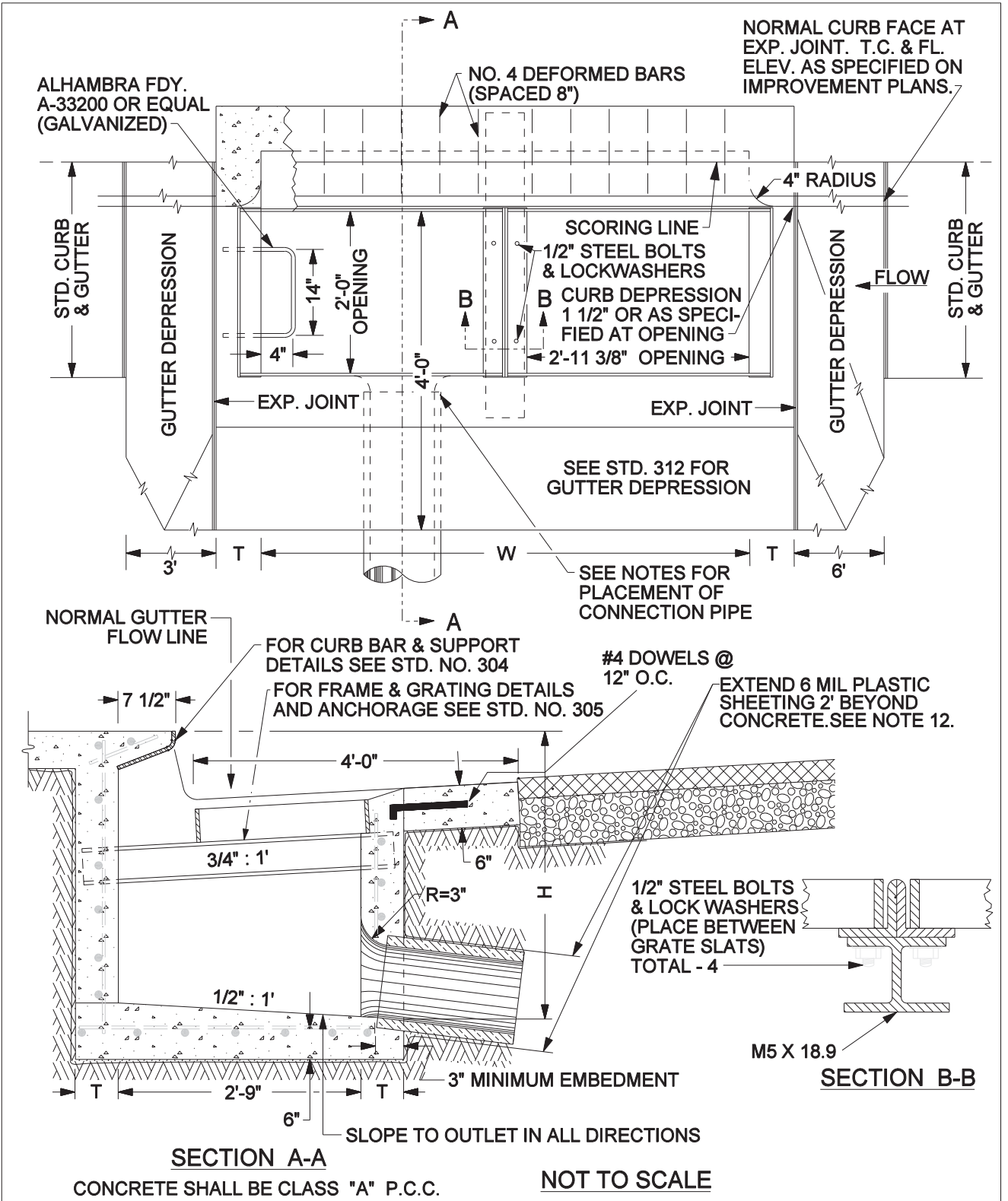
Alternate Bid Schedule 3 (Utility Adjustments)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
62	152440	ADJUST MANHOLE TO GRADE (GTE/VERIZON)	EA	26		
63	152440	ADJUST MANHOLE TO GRADE (TIME WARNER TELECOM)	EA	4		
64	152440	ADJUST MANHOLE TO GRADE (LEVEL 3)	EA	4		
65	152440	ADJUST MANHOLE TO GRADE (SEWER)	EA	71		

ALT BID SCH. 3

SUB-TOTAL: _____ \$ _____
 ITEMS 62-65 "WORDS"

PROJECT TOTAL: _____ \$ _____
 ITEMS 1-65 "WORDS"



APPROVED BY:

George A. Johnson
 DIRECTOR OF TRANSPORTATION
 GEORGE A. JOHNSON, RCE 42328

DATE: 05/01/07



COUNTY OF RIVERSIDE



**COMBINATION INLET
 CATCH BASIN NO. 2**

REVISIONS	REV.	BY:	APR'D	DATE	REV.	BY:	APR'D	DATE
8-24-71, 9-88	1				4			
11-04	2				5			
	3				6			

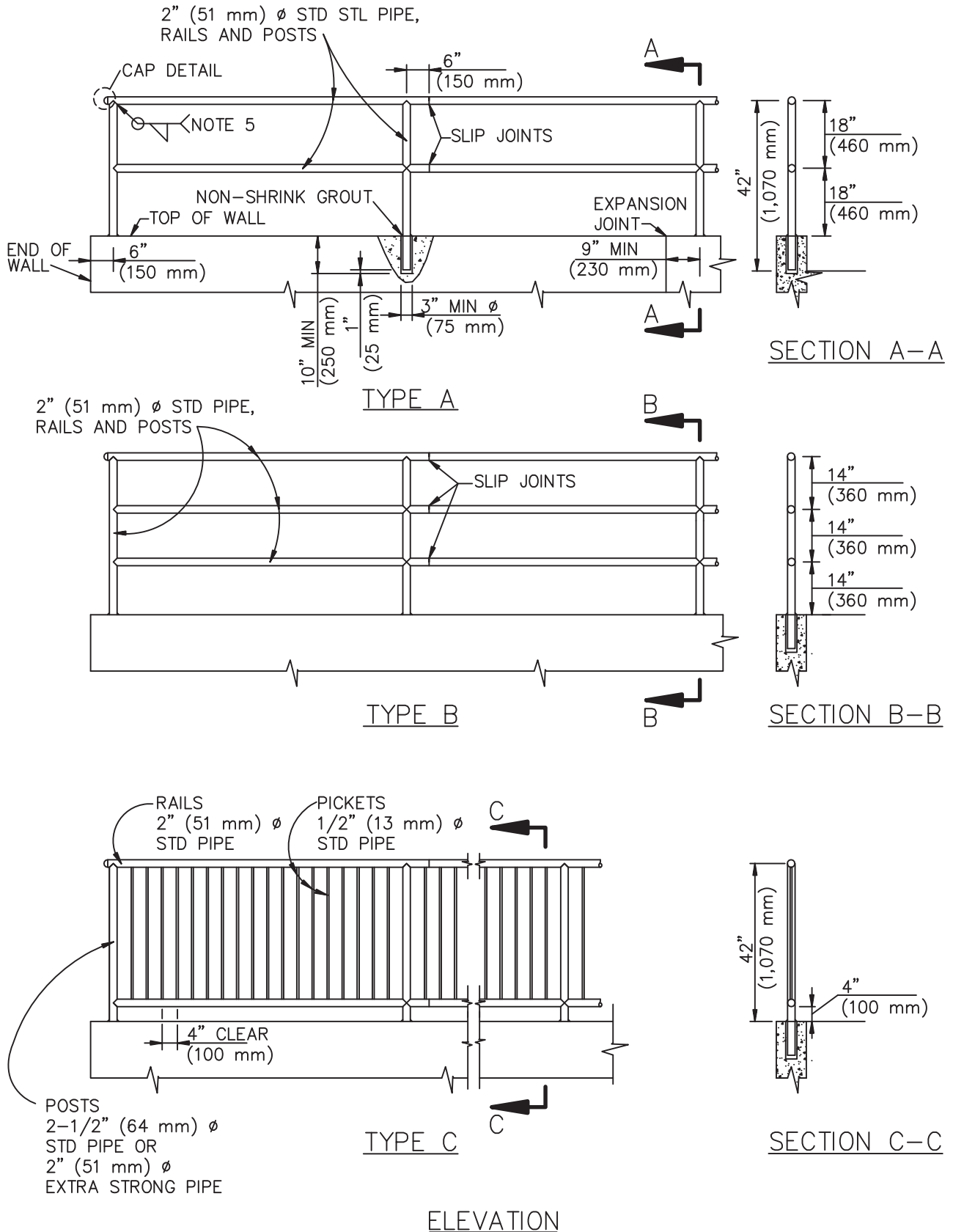
STANDARD NO. 302 (1 OF 2)

NOTES:

1. BASIN SHALL HAVE ONE GRATING UNLESS OTHERWISE SPECIFIED ON IMPROVEMENT PLANS.
2. CONCRETE SHALL BE CLASS "A". WHEN THE BASIN IS TO BE CONSTRUCTED WITHIN THE LIMITS OF A PROPOSED SIDEWALK, OR IS CONTIGUOUS TO SUCH A SIDEWALK, THE TOP OF THE BASIN SHALL BE POURED MONOLITHIC WITH THE SIDEWALK, USING CLASS "A" CONCRETE IN THE SIDEWALK. THE TOP OF THE CATCH BASIN SHALL BE FINISHED PER SIDEWALK STANDARDS.
3. CONNECTION PIPES MAY BE PLACED IN ANY POSITION AROUND THE WALLS, PROVIDED THEY POINT IN THE PROPER DIRECTION AND THE POSITION IS OTHERWISE CONSISTENT WITH THE IMPROVEMENT PLAN.
4. CURVATURE OF THE END-WALLS AT CURB OPENING SHALL BE FORMED BY CURVED FORMS AND SHALL NOT BE MADE BY PLASTERING.
5. DIMENSIONS:
 GRATE SHALL BE PARALLEL TO PLANE OF GUTTER SLOPE 3/4" TO 1'-0".
 T = 6 INCHES IF H IS 8 FEET OR LESS.
 T = 8 INCHES IF H IS GREATER THAN 8 FEET AND LESS THAN 20 FEET.
 H = 3 FEET 6 INCHES, UNLESS OTHERWISE SPECIFIED ON IMPROVEMENT PLANS.
 W = 2 FEET 11 3/8 INCHES FOR ONE GRATING. ADD 3 FEET 5 3/8 INCHES FOR EACH ADDITIONAL GRATING.
6. EXPOSED SURFACES OF THE CATCH BASIN SHALL CONFORM IN SLOPE, GRADE, COLOR, FINISH AND SCORING TO EXISTING IMPROVEMENTS ADJACENT TO THE BASIN. WHERE NO SIDEWALK EXISTS, THE TOP SHALL BE FINISHED TO CONFORM TO STANDARD SIDEWALK SLOPE AND FINISH. WHERE NO CURB EXISTS, THE BATTER OF EXPOSED END WALLS ABOVE THE STREET SURFACE SHALL CONFORM TO BATTER FOR STANDARD CURB.
7. FLOOR OF BASIN SHALL BE GIVEN A STEEL - TROWELLED FINISH.
8. OUTLET PIPE SHALL BE TRIMMED TO THE FINAL SHAPE AND LENGTH BEFORE CONCRETE IS POURED.
9. REINFORCING STEEL SHALL BE NO. 4 DEFORMED BARS. CLEARANCE SHALL BE 1 1/2 INCHES FROM INSIDE OF BOX. SPACING IS AS SHOWN IN TOP SLAB AND AT 18 INCH CENTERS IN SIDES OF BOX.
10. SLOPE OF FLOOR PARALLEL WITH CURB SHALL BE 1 IN 12 UNLESS OTHERWISE SPECIFIED. SLOPE FLOOR FROM ALL DIRECTIONS TO THE OUTLET.
11. STEPS: 3/4 INCH PLAIN ROUND GALVANIZED STEEL STEPS (ALHAMBRA FDY. A-3320 OR EQUAL) ARE REQUIRED AS FOLLOWS:
 IF H IS 3.5 FEET OR LESS, NO STEPS ARE REQUIRED.
 IF H IS MORE THAN 3.5 FEET, AND NOT MORE THAN 5.0 FEET, INSTALL ONE STEP 16" ABOVE FLOOR OF BASIN.
 IF H IS MORE THAN 5.0 FEET, INSTALL STEPS 12 INCHES APART, WITH THE TOP STEP 6" BELOW THE TOP OF GRATING.
 ALL STEPS SHALL BE 4 INCHES CLEAR FROM THE WALL EXCEPT THE TOP STEP, WHICH SHALL BE 2 1/2 INCHES (CLEAR) FROM THE WALL AND ANCHORED NOT LESS THAN 5 INCHES IN WALL OF BASIN.
12. WHEN ABUTTING SOIL HAS A HIGH SULFATE CONTENT, SPECIAL CONSIDERATIONS ARE REQUIRED. SEE SPECIFICATIONS (SECTION 16.04).
13. GRATE SHALL BE HOT DIPPED GALVANIZED.

APPROVED BY:  DIRECTOR OF TRANSPORTATION GEORGE A. JOHNSON, RCE 42328					DATE: 05/01/07										COUNTY OF RIVERSIDE				
COMBINATION INLET CATCH BASIN SPECIFICATIONS																			
STANDARD NO. 302 (2 OF 2)																			
REVISIONS		REV.	BY:	APR'D	DATE	REV.	BY:	APR'D	DATE										
8-71, 11-04		1				4													
		2				5													
		3				6													

Grand Avenue Resurfacing and Widening Project



STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

PROMULGATED BY THE
PUBLIC WORKS STANDARDS INC.
GREENBOOK COMMITTEE
1993
REV. 1996, 2005, 2009

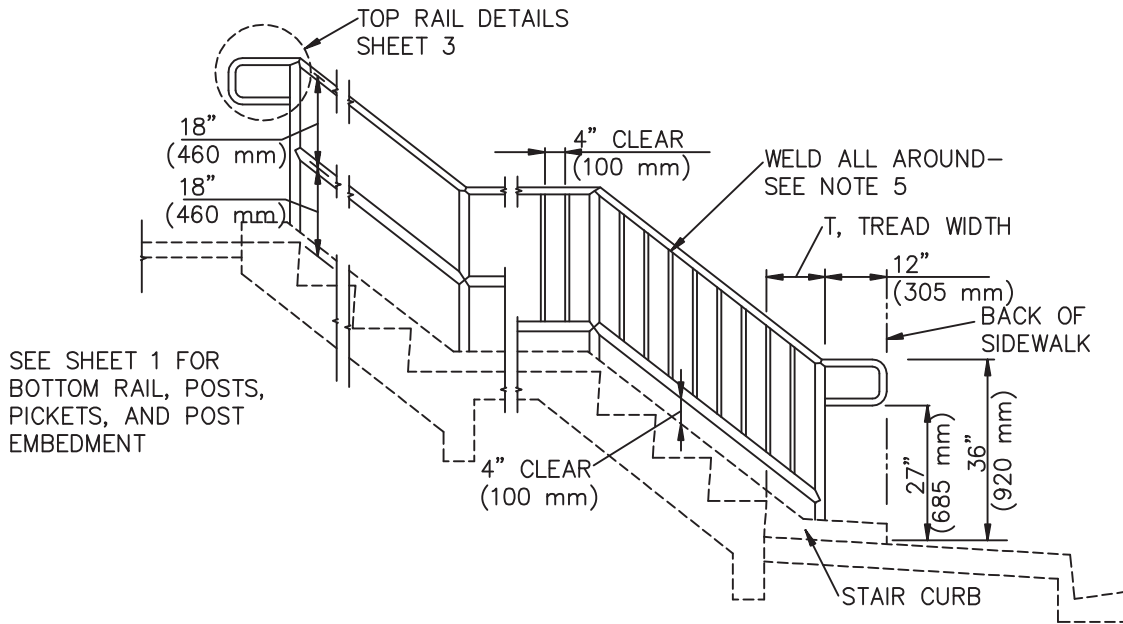
METAL HAND RAILINGS

STANDARD PLAN

606-3

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

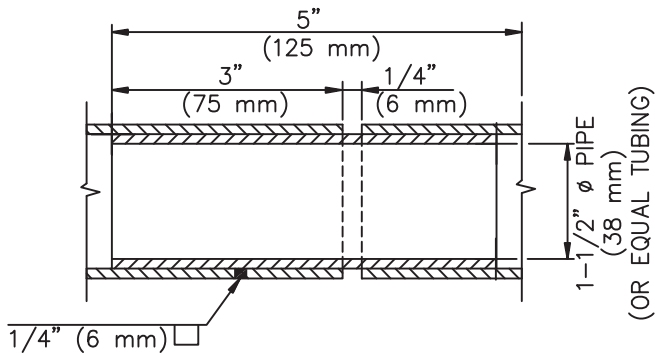
SHEET 1 OF 3



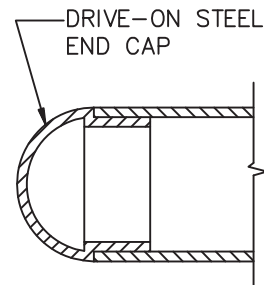
TYPE A

TYPE C

HANDRAIL INSTALLATION ON STAIRWAYS



SLIP JOINT DETAIL



CAP DETAIL FOR RAIL END

NOTES:

1. USE TYPE C WHERE ADJACENT GRADE IS MORE THAN 2'-6" (760 mm) BELOW LANDING OR SIDEWALK FINISHED SURFACE.
2. RAILS, POSTS, AND PICKETS SHALL BE GALVANIZED STEEL PIPE.
3. PROVIDE SLIP JOINTS AT STAIRWAY EXPANSION JOINTS, 24' (7.3 m) MAXIMUM.
4. MAXIMUM SPACING OF POSTS SHALL BE 8'-0" (2.44 m) ON STRAIGHT ALIGNMENTS, AND 6'-0" (1.83 m) ON CURVED ALIGNMENTS WITH LESS THAN 30' (9.1 m) RADIUS. MAKE SPACING UNIFORM BETWEEN CHANGES IN ALIGNMENT.
5. WELDS SHALL BE SLOT OR FILLET WELDS EQUAL TO THICKNESS OF PIPE. WELD ALL JOINTS ALL AROUND.

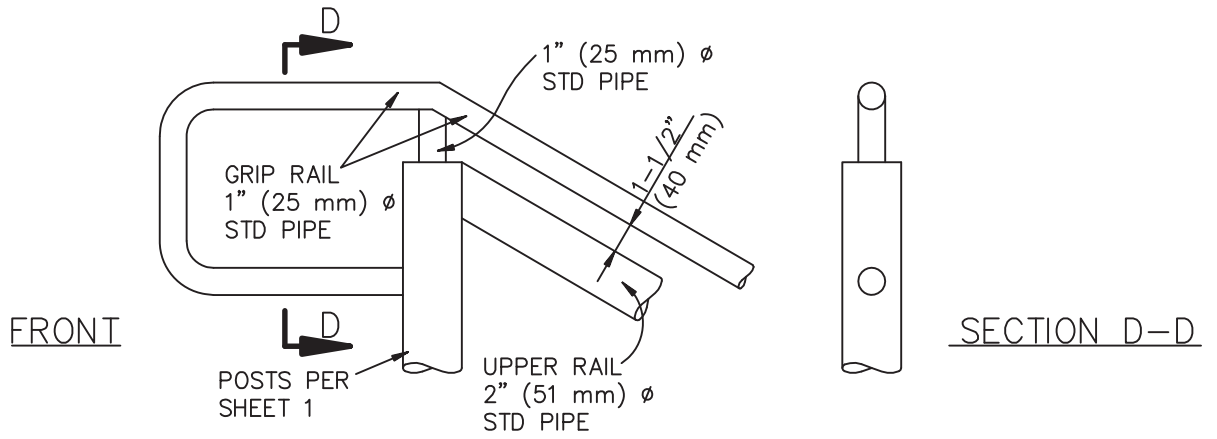
STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

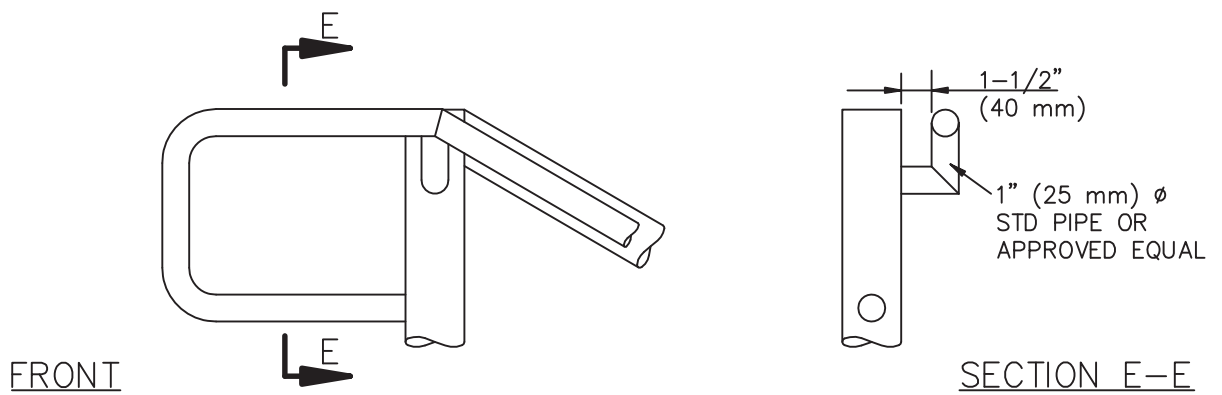
METAL HAND RAILINGS

606-3

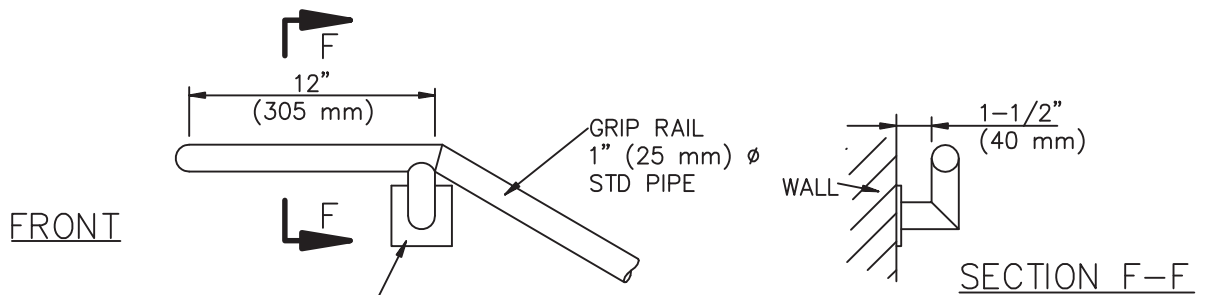
SHEET 2 OF 3



TOP RAIL TYPE 1



TOP RAIL TYPE 2



BRACKETS EACH 8'-0" (2.44 m)
OR AS SHOWN ON PLANS.
MOUNT TOP BRACKET ABOVE
TOP STAIR NOSE.

WALL-MOUNTED HANDRAIL

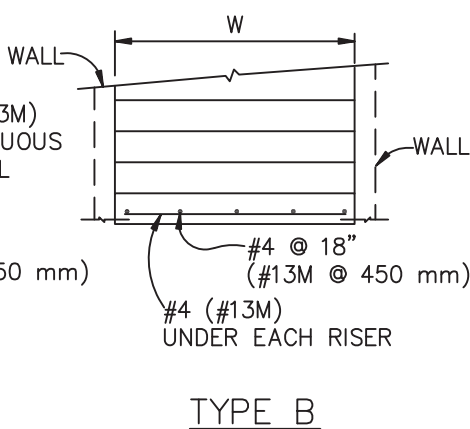
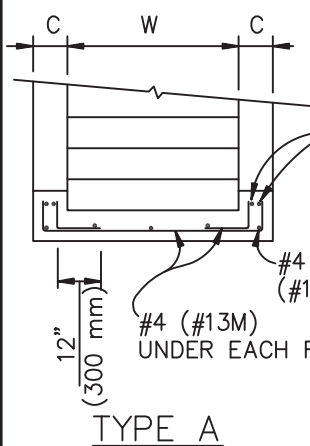
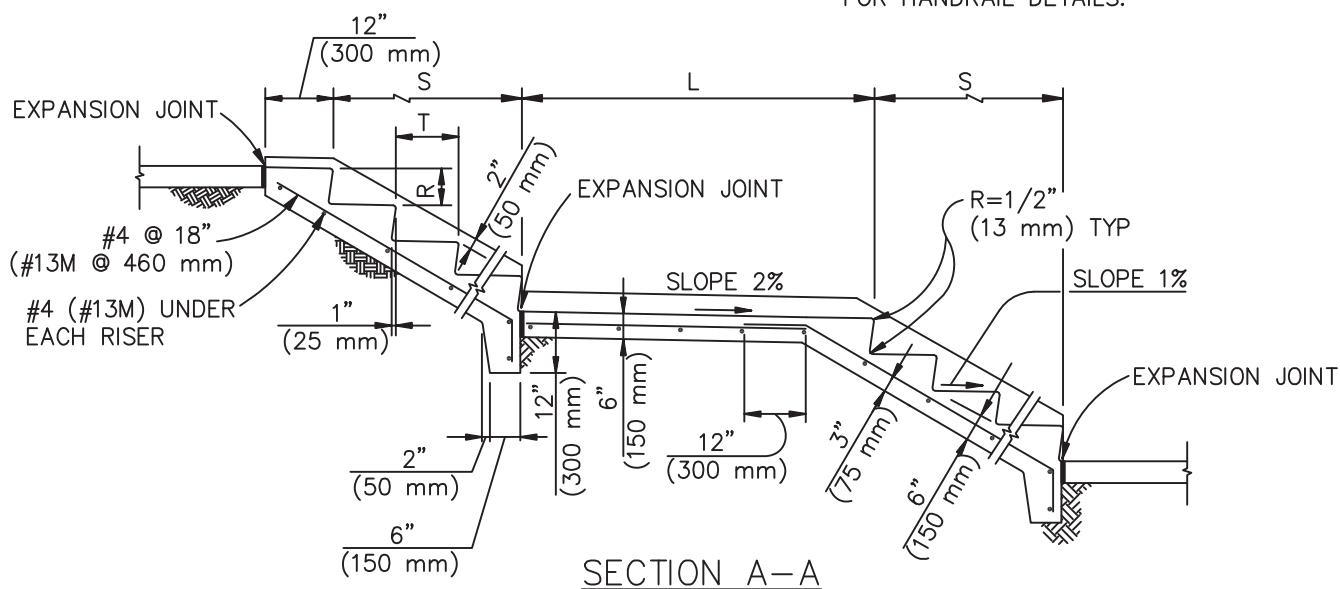
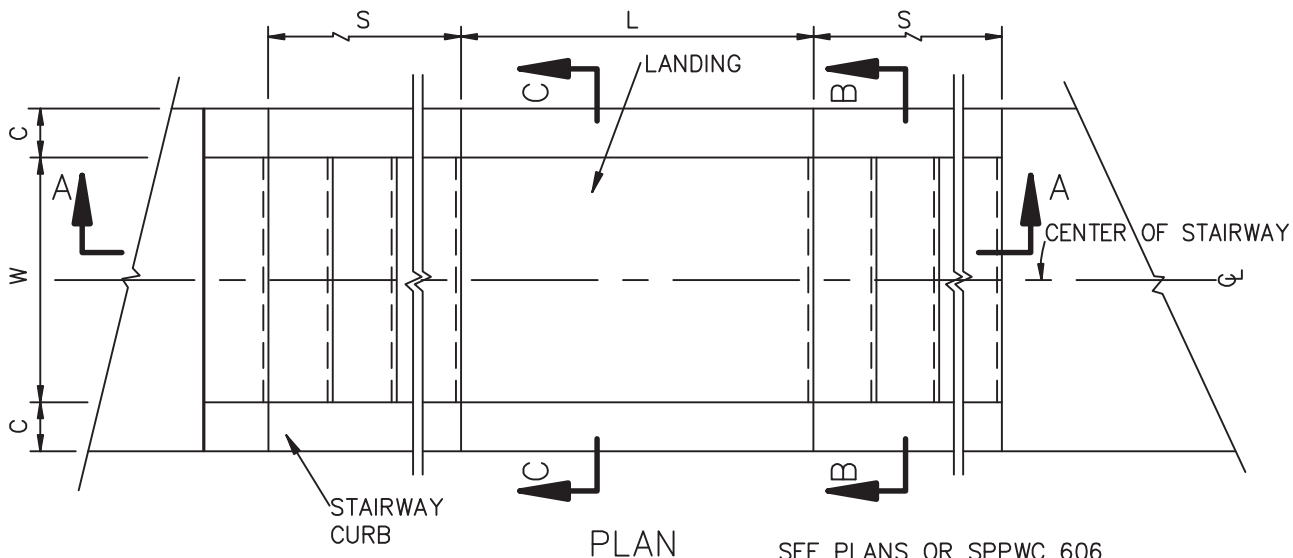
STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

METAL HAND RAILINGS

606-3

SHEET 3 OF 3



STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

PROMULGATED BY THE
PUBLIC WORKS STANDARDS INC.
GREENBOOK COMMITTEE
1993
REV. 1996, 2005, 2009

REINFORCED CONCRETE STAIRWAY

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

640-3

SHEET 1 OF 2

NOTES:

1. SEE THE PLANS FOR THE FOLLOWING INFORMATION:
TYPE OF STAIRWAY AND LOCATION
W = WIDTH OF STAIRWAY
L = LENGTH OF LANDINGS
T = LENGTH OF TREAD
R = HEIGHT OF RISER
C = WIDTH OF CURB
S = LENGTH OF STAIRWAY FLIGHT
2. CONCRETE FINISH FOR EXPOSED SURFACES SHALL BE CLASS I, EXCEPT THAT TREADS AND LANDINGS SHALL BE TROWELLED SMOOTH AND GIVEN A FINE BROOM FINISH IN A DIRECTION PERPENDICULAR TO THE CENTERLINE OF THE STAIRWAY. THE BROOM FINISH SHALL BE BROUGHT TO THE NOSE OF THE TREADS AND LANDINGS.
3. ONE HANDRAIL IS REQUIRED FOR STAIRWAYS 4' (1.22 m) WIDE OR LESS. TWO HANDRAILS ARE REQUIRED FOR WIDER STAIRWAYS.

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

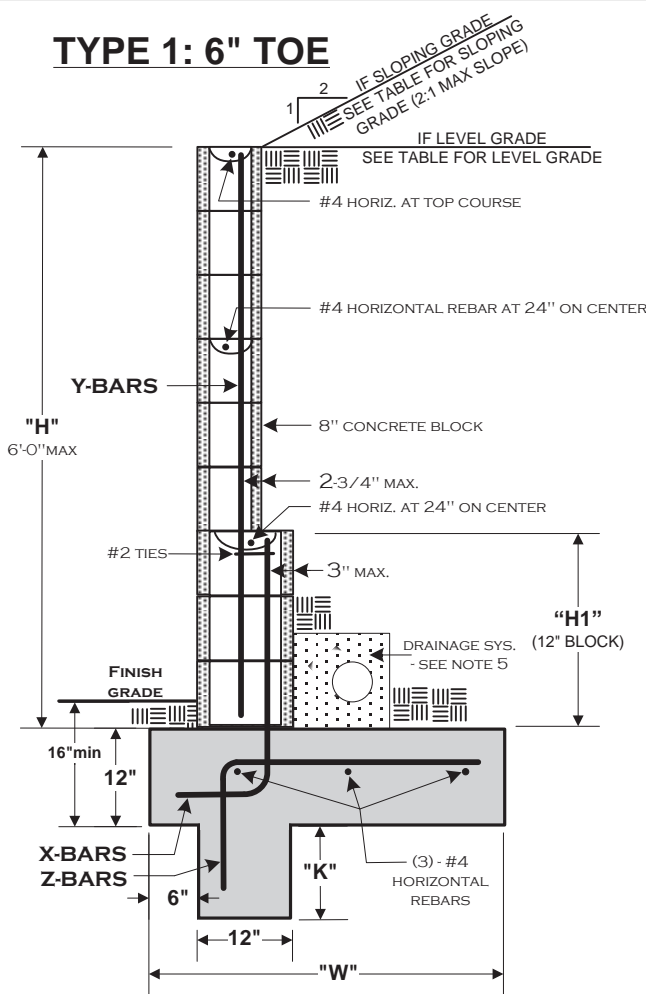
STANDARD PLAN

REINFORCED CONCRETE STAIRWAY

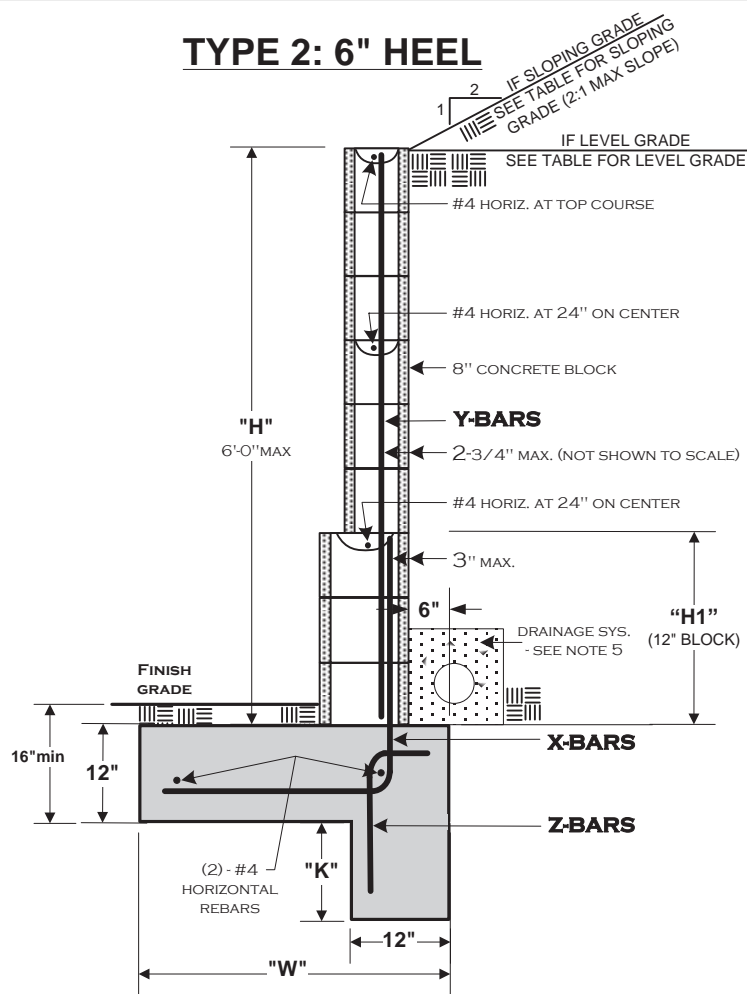
640-3

SHEET 2 OF 2

TYPE 1: 6" TOE



TYPE 2: 6" HEEL



TYPE 1: 6" TOE							
GRADE CONDITION	"H" (WALL HEIGHT)	"H1" (12" BLOCK)	"W" (FOOTING WIDTH)	X BARS	Y BARS	ZBARS	"K" (KEY DEPTH)
SLOPING GRADE AT TOP OF WALL (2:1 MAX)	5'-1" to 6'-0"	24"	69"	#4 @ 16"	#4 @ 32"	#4 @ 11"	30"
	4'-1" to 5'-0"	N/R	48"	#4 @ 16"	#4 @ 16"	#4 @ 12"	25"
	3'-1" to 4'-0"	N/R	30"	#4 @ 32"	#4 @ 32"	#4 @ 32"	16"
	Up to 3'-0"	N/R	18"	#4 @ 32"	#4 @ 32"	#4 @ 32"	8"
LEVEL GRADE AT TOP OF WALL	5'-1" to 6'-0"	24"	45"	#4 @ 24"	#4 @ 32"	#4 @ 24"	8"
	4'-1" to 5'-0"	N/R	36"	#4 @ 24"	#4 @ 24"	#4 @ 24"	7"
	3'-1" to 4'-0"	N/R	24"	#4 @ 32"	#4 @ 32"	#4 @ 32"	5"
	Up to 3'-0"	N/R	21"	#4 @ 32"	#4 @ 32"	#4 @ 32"	N/R

TYPE 2: 6" HEEL							
GRADE CONDITION	"H" (WALL HEIGHT)	"H1" (12" BLOCK)	"W" (FOOTING WIDTH)	X BARS	Y BARS	ZBARS	"K" (KEY DEPTH)
SLOPING GRADE AT TOP OF WALL (2:1 MAX)	5'-1" to 6'-0"	24"	39"	#4 @ 16"	#4 @ 32"	#4 @ 12"	28"
	4'-1" to 5'-0"	N/R	29"	#4 @ 16"	#4 @ 16"	#4 @ 12"	22"
	3'-1" to 4'-0"	N/R	24"	#4 @ 32"	#4 @ 32"	#4 @ 32"	15"
	Up to 3'-0"	N/R	18"	#4 @ 32"	#4 @ 32"	#4 @ 32"	8"
LEVEL GRADE AT TOP OF WALL	5'-1" to 6'-0"	24"	33"	#4 @ 24"	#4 @ 32"	#4 @ 24"	18"
	4'-1" to 5'-0"	N/R	26"	#4 @ 24"	#4 @ 24"	#4 @ 24"	13"
	3'-1" to 4'-0"	N/R	20"	#4 @ 32"	#4 @ 32"	#4 @ 32"	7"
	Up to 3'-0"	N/R	20"	#4 @ 32"	#4 @ 32"	#4 @ 32"	N/R

N/R = NOT REQUIRED

SEE PAGE 2 FOR ADDITIONAL INFORMATION

DISCLAIMER:

ALTERNATE RETAINING WALL DESIGNS MAY BE POSSIBLE WHEN PROVIDED WITH AN ENGINEERED ANALYSIS. USE OF THIS STANDARD DESIGN IS AT THE USER'S RISK AND CARRIES NO IMPLIED OR INFERRED GUARANTEE AGAINST FAILURE OR DEFECTS.

WESTERN RIVERSIDE COUNTY CODE UNIFORMITY PROGRAM	
COUNTY OF RIVERSIDE	
BUILDING DEPARTMENT	
RETAINING WALLS	
(951) 955-1800	4080 LEMON ST, 2ND FL * P.O. Box 1629 * RIVERSIDE, CA 92501
FAX (951) 955-1806	2/24/2014 RCLMNETWALLFNL.VSD PAGE 1 OF 2

GENERAL NOTES:

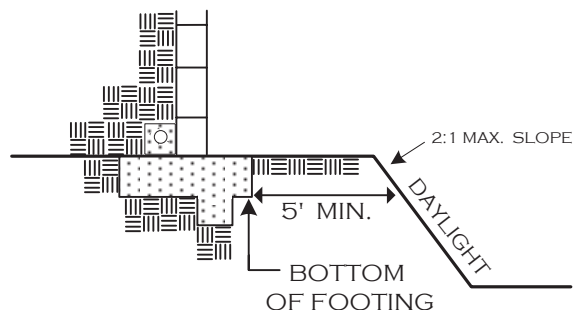
- 1) ALL WORK SHALL CONFORM TO THE ADOPTED CODES AND ZONING REGULATIONS.
- 2) CONCRETE BLOCK MASONRY SHALL COMPLY WITH THE FOLLOWING:
 - A. CONCRETE MASONRY SHALL CONFORM TO ASTM C-90, GRADE - N.
 - B. MORTAR: TYPE M OR S.
 - C. GROUT ALL CELLS W/2000 PSI PORTLAND CEMENT GROUT.
- 3) THE ULTIMATE COMPRESSIVE STRENGTH REQUIRED FOR FOUNDATION CONCRETE SHALL BE 2500 PSI.
- 4) ALL REINFORCING STEEL SHALL BE INTERMEDIATE GRADE ASTM A615-40 AND OVERLAP SPLICES SHALL BE 40 BAR DIAMETERS MINIMUM. ALL REBAR HOOKS SHALL BE A MINIMUM OF 12 TIMES THE REBAR DIAMETER (12bd) IN LENGTH.
- 5) PROVIDE RETAINING WALL DRAINAGE SYSTEM AS FOLLOWS:
 PROVIDE 1CF/FT OF CLEAN COARSE GRAVEL WITH 4" DIAMETER PERFORATED PVC DRAINAGE PIPE WITH 1% GRADIENT TO DRAIN - OR OMIT HEAD JOINTS IN FIRST COURSE.
- 6) OPTIONAL: INSTALLATION OF A MOISTURE BARRIER ON THE FILL SIDE OF THE WALL WILL HELP TO PREVENT MOISTURE FROM PENETRATING THE VISIBLE SIDE OF THE WALL, RESULTING IN DISCOLORATION.
- 7) THIS RETAINING WALL STANDARD IS **NOT** DESIGNED TO SUPPORT SURCHARGE LOADS FROM MOTOR VEHICLES OR OTHER STRUCTURES.
- 8) CLEANOUTS SHALL BE PROVIDED FOR ALL GROUT POURS OVER 5 FEET IN HEIGHT. WHERE REQUIRED, CLEANOUTS SHALL BE PROVIDED IN THE BOTTOM COURSE AT EVERY VERTICAL BAR AND SHALL BE SEALED AFTER INSPECTION AND BEFORE GROUTING.

REQUIRED INSPECTIONS:

- 1) FOOTING:
 EXCAVATION TRENCH CLEAN WITH STEEL IN PLACE AND SUPPORTED 3" ABOVE AND AWAY FROM THE SURROUNDING EARTH/DIRT.
- 2) REBAR/PRE-GROUT AND DRAINAGE SYSTEM:
 BOND BEAM REBAR AND VERTICAL REBAR IN PLACE - INSPECTION PRIOR TO PLACING GROUT.
 DRAINAGE SYSTEM COMPLETE.
- 3) FINAL:
 AFTER GROUT IS PLACED AND BACKFILL COMPLETED - PRIOR TO ANY DECORATIVE CAP PLACEMENT.

SETBACK FROM TOP OF SLOPE:

ALL FOOTINGS ADJACENT TO SLOPES TO BE AT LEAST 5' TO DAYLIGHT AS SHOWN BELOW.




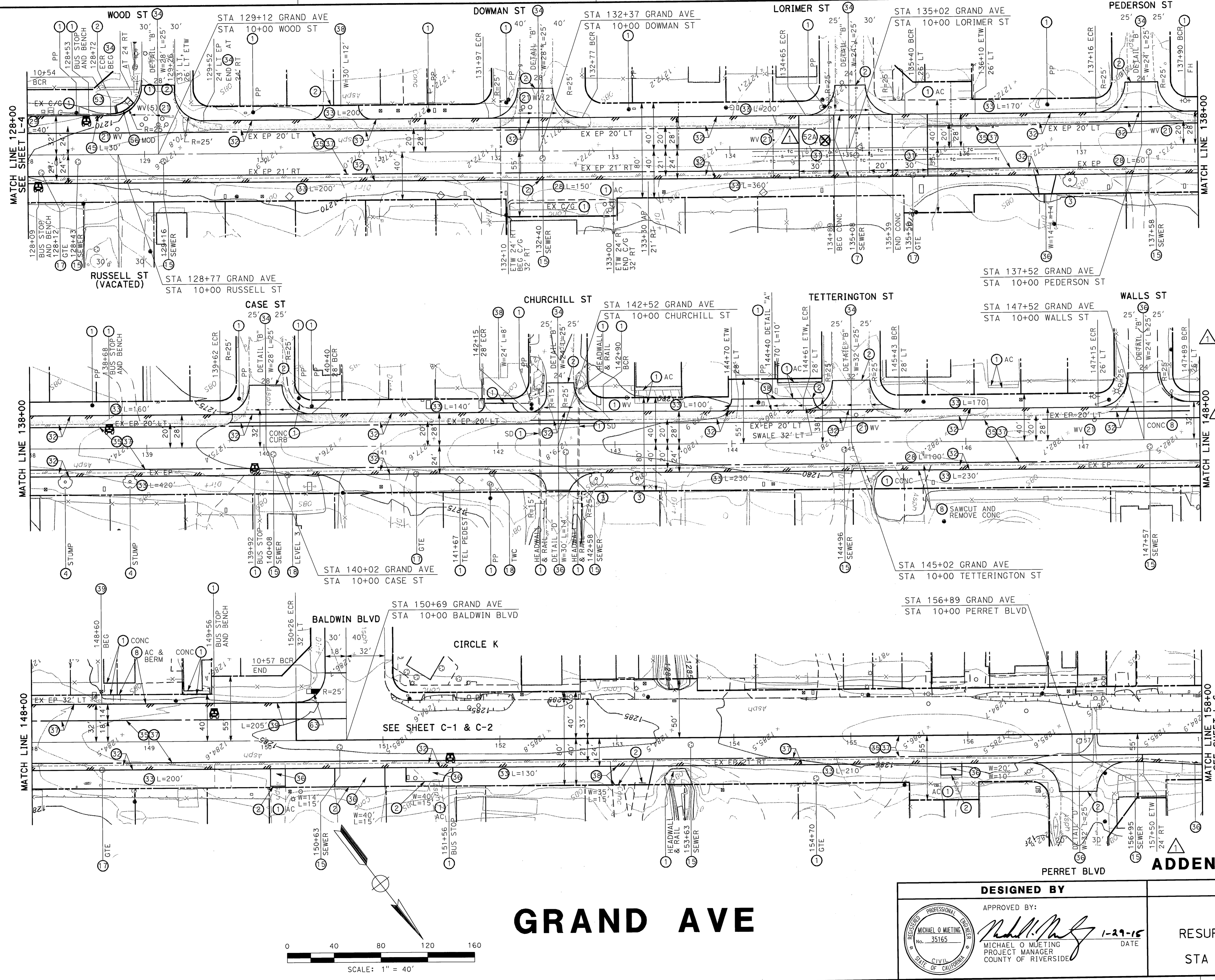
DESIGN PARAMETERS:

ACTIVE SOIL PRESSURE (PSF)	
LEVEL BACKFILL	= 30
SLOPING (2:1 MAX)	= 43
PASSIVE SOIL BEARING (PSF)	= 150
COEFFICIENT OF FRICTION	= 0.25
ALLOWABLE SOIL BEARING PRESSURE (PSF)	= 1500
(NO INCREASES TAKEN FOR DEPTH OR WIDTH OF FOOTING)	

DISCLAIMER:

ALTERNATE RETAINING WALL DESIGNS MAY BE POSSIBLE WHEN PROVIDED WITH AN ENGINEERED ANALYSIS. USE OF THIS STANDARD DESIGN IS AT THE USER'S RISK AND CARRIES NO IMPLIED OR INFERRED GUARANTEE AGAINST FAILURE OR DEFECTS.

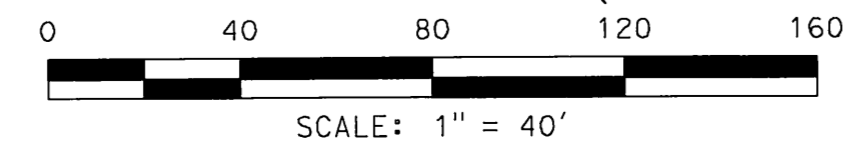
WESTERN RIVERSIDE COUNTY CODE UNIFORMITY PROGRAM			
	COUNTY OF RIVERSIDE BUILDING DEPARTMENT		
	RETAINING WALLS		
(951) 955-1800	4080 LEMON ST, 2ND FL * P.O. Box 1629 * RIVERSIDE, CA 92501		
FAX (951) 955-1806	2/24/2014	RCLMNETWALLFNLVSD	PAGE 2 OF 2



- NOTES:**
- 1 PROTECT IN PLACE
 - 2 MATCH EXISTING
 - 3 ITEMS NOTED TO BE REMOVED PER CLEAR & GRUB SPECIAL PROVISIONS OR AS DIRECTED BY ENGINEER
 - 4 SEWER MANHOLE TO BE LOWERED PRIOR TO COLDPLANE BY CONTRACTOR AND ADJUSTED TO FINISHED GRADE BY OWNER
 - 5 GTE MANHOLE TO BE ADJUSTED TO FINISHED GRADE BY OWNER
 - 6 TWT AND LVL 3 MANHOLES TO BE ADJUSTED TO FINISHED GRADE BY OWNERS
 - 7 ADJUST WATER VALVE COVER TO GRADE, SEE SPECIAL PROVISIONS
 - 8 WEDGE PLANE 0.25', 6' WIDTH, TAPER HMA 0.25' TO 0.10' IN 6' TO BE 0.15' BELOW EXISTING FS AT 24' FROM CENTERLINE
 - 9 WEDGE PLANE 0.15' WIDTH, AT EXISTING EDGE
 - 10 SAWCUT AND EXCAVATE TO SUBGRADE, WIDTH AS SHOWN, MOISTURE CONDITION, COMPACT TO 95%; PLACE 0.40' HMA (TYPE A, PG 64-10, 3/4" MIX) OVER 0.50' CLASS 2 AB; SUBGRADE VARIES FROM 0.75' TO 0.90' AT EDGE OF CONCRETE
 - 11 SAWCUT 1' MIN, EXCAVATE TO SUBGRADE, WIDTH AS SHOWN, MOISTURE CONDITION, COMPACT TO 95%; PLACE 0.15' ARHM OVER 0.35' HMA (TYPE A, PG 64-10, 3/4" MIX) OVER NATIVE
 - 12 PLACE SHOULDER BACKING
 - 13 SAWCUT TO SUBGRADE AS SHOWN, MOISTURE CONDITION, COMPACT TO 95%; PLACE 0.40' HMA (TYPE A, PG 64-10, 3/4" MIX) OVER NATIVE
 - 14 COLD PLANE ASPHALT CONCRETE PAVEMENT TO 18' FROM CENTERLINE 0.25' PLACE 0.25' HMA
 - 15 PLACE 0.15' HMA OVERLAY PER PLAN OR AS DIRECTED
 - 16 PLACE 0.15' ARHM
 - 17 PLACE 0.25' HMA
 - 18 PLACE 6" AC DIKE PER STD No. 212
 - 19 CONSTRUCT TYPE A-8 (8") CONCRETE CURB AND GUTTER PER STD No. 201
 - 20 CONSTRUCT PCC DIP SECTION PER STD No. 307, MODIFIED TO LENGTH AND WIDTH AS SHOWN, SEE DETAIL FOR "KICKER"
 - 21 CONSTRUCT CONCRETE SIDEWALK PER STD No. 401
 - 22 CONSTRUCT CURB RAMP PER STD No. 403, "CASE B"; REMOVE EXISTING RAMP AS NEEDED
 - 23 CONSTRUCT CURB RAMP PER APWA STD No. 111-4, CASE D, MODIFIED
 - 24 CONSTRUCT DIP SECTION PER STD No. 307, MODIFIED WITH RAPID STRENGTH CONCRETE AND No. 5 BARS AT 12" O.C. LENGTH AND WIDTH AS SHOWN

▲ REVISED WITH ADDENDUM No. 2 01-29-15
ADDED SEWER LATERAL APPROX LOCATIONS

**REVISED WITH
ADDENDUM No. 2 01/29/15**



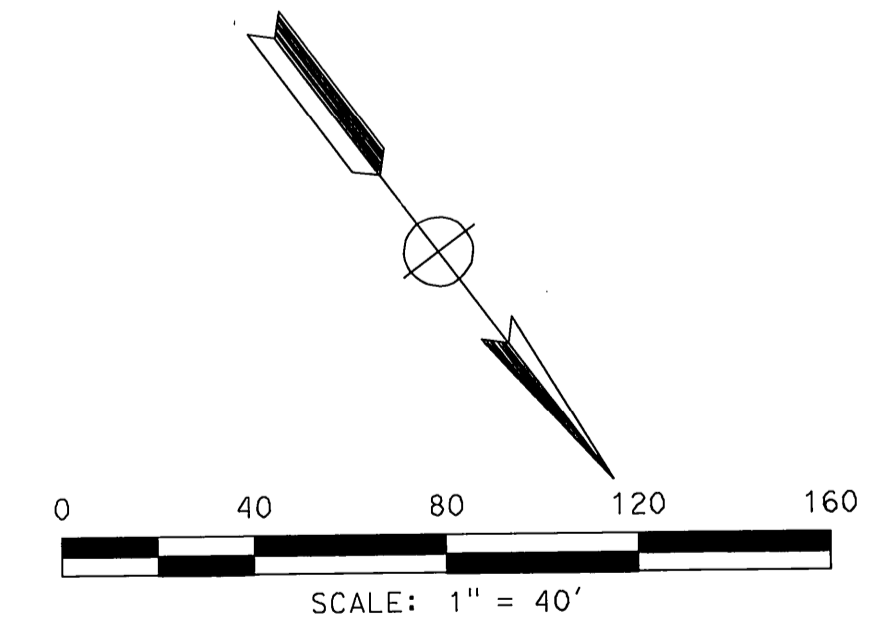
GRAND AVE

	DESIGNED BY APPROVED BY: 	LAYOUT GRAND AVE RESURFACING & WIDENING	SHEET No. L-5
	DATE: 1-29-15 MICHAEL O. MUETING PROJECT MANAGER COUNTY OF RIVERSIDE	STA 128+00 TO 158+00	SHEET 8 OF 24

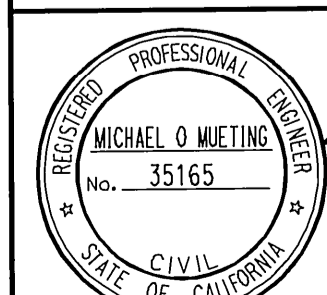
- NOTES:**
- ① PROTECT IN PLACE
 - ② MATCH EXISTING
 - ③ ADJUST AV/BO TO GRADE OR RELOCATE BY EVMWD
 - ④ NOT USED
 - ⑤ ITEMS NOTED TO BE REMOVED PER CLEAR & GRUB SPECIAL PROVISIONS OR AS DIRECTED BY ENGINEER
 - ⑥ RELOCATE AND/OR REPLACE MAILBOX, SEE SPECIAL PROVISIONS
 - ⑦ TWT AND LVL 3 MANHOLES TO BE ADJUSTED TO FINISHED GRADE BY OWNERS
 - ⑧ GAS CO UTILITY COVER TO BE ADJUSTED TO GRADE BY OWNER
 - ⑨ ADJUST WATER VALVE COVER TO GRADE, SEE SPECIAL PROVISIONS
 - ⑩ ADJUST WATER METER TO GRADE OR RELOCATE BY EVMWD
 - ⑪ SAWCUT 1' MIN. EXCAVATE TO SUBGRADE, WIDTH AS SHOWN, MOISTURE CONDITION, COMPACT TO 95%, PLACE 0.5' ARHM OVER 0.25' HMA (TYPE A, PG 64-10, 3/4" MIX) OVER NATIVE
 - ⑫ PLACE 0.15' ARHM
 - ⑬ REMOVE AND REPLACE TYPE A-8 (8") CONCRETE CURB AND GUTTER PER STD No. 201
 - ⑭ REMOVE AND REPLACE EXISTING DRIVEWAY APPROACH WITH CONCRETE DRIVE APPROACH PER STD No. 207
 - ⑮ SAWCUT AND REMOVE EXISTING DRIVEWAY; PLACE 6" PCC DRIVEWAY AS SHOWN
 - ⑯ CONSTRUCT CONCRETE SIDEWALK PER STD No. 401
 - ⑰ CONSTRUCT MONOLITHIC CONCRETE CURB AT BACK OF SIDEWALK; HEIGHT AS SHOWN; SEE SIDEWALK DETAIL
 - ⑱ CONSTRUCT CURB RAMP PER STD No. 403, "CASE B"; REMOVE EXISTING RAMP AS NEEDED
 - ⑲ CONSTRUCT 6" CONCRETE CURB PER STD 204
 - ⑳ CONSTRUCT COMBINATION INLET CATCH BASIN PER STD No. 302, WIDTH AS SHOWN; FLOW LINE TO MATCH EX CMP SAW CUT CMP AT CATCH BASIN WALL
 - ㉑ SAWCUT AND EXCAVATE TO SUBGRADE, WIDTH AS SHOWN, MOISTURE CONDITION, COMPACT TO 95%; PLACE 0.15' ARHM OVER 0.25' HMA (TYPE A, PG 64-10, 3/4" MIX) OVER 0.50' CLASS 2 AB

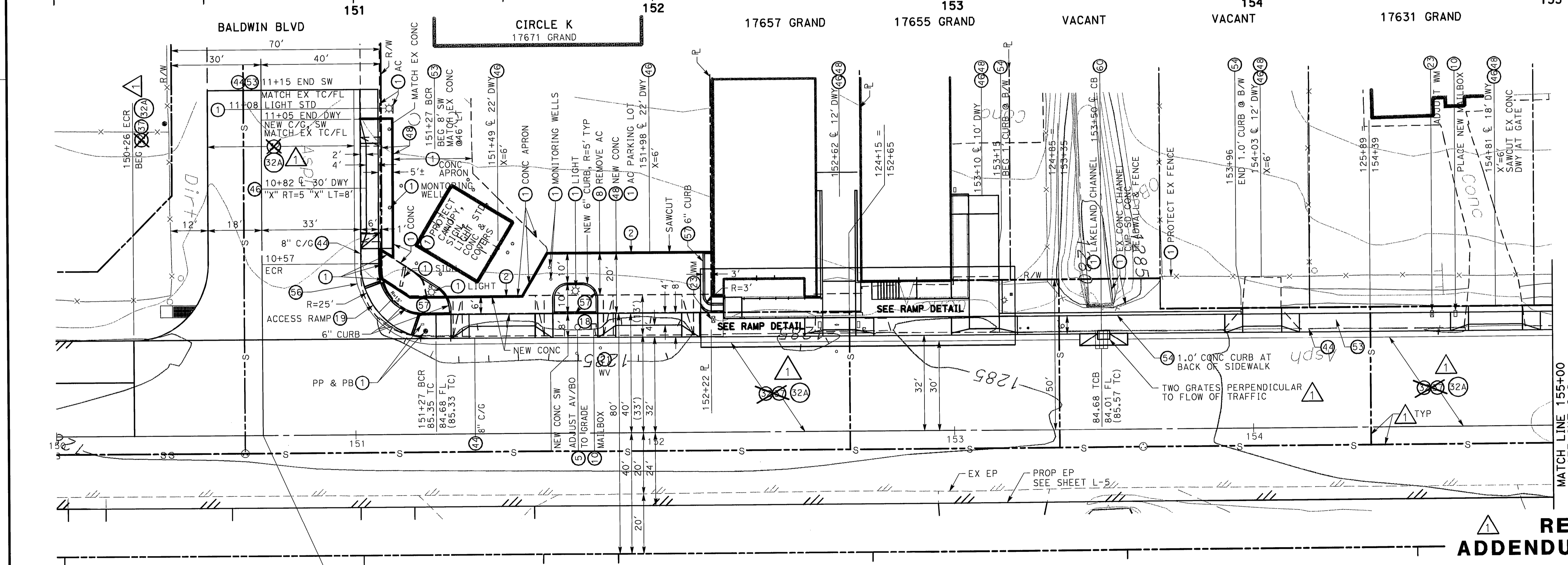
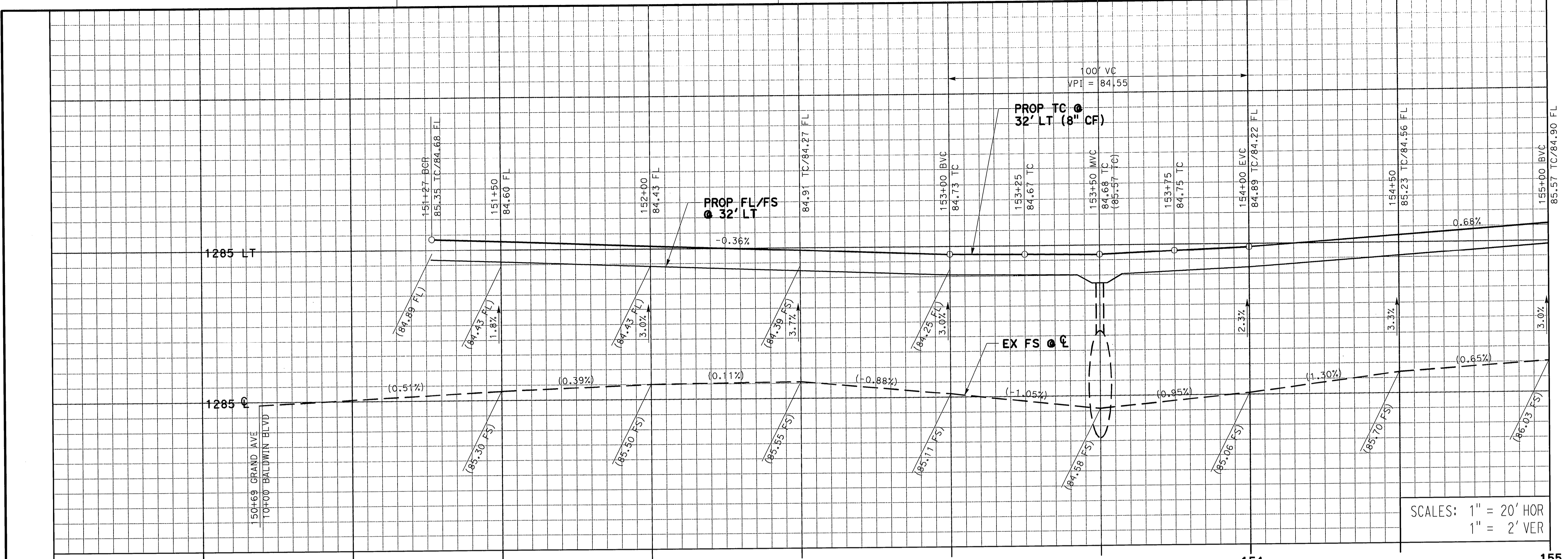
SCALES: 1" = 20' HOR
1" = 2' VER

① REVISED WITH ADDENDUM No. 2 01-29-15
ADDED SEWER LATERAL APPROX LOCATIONS

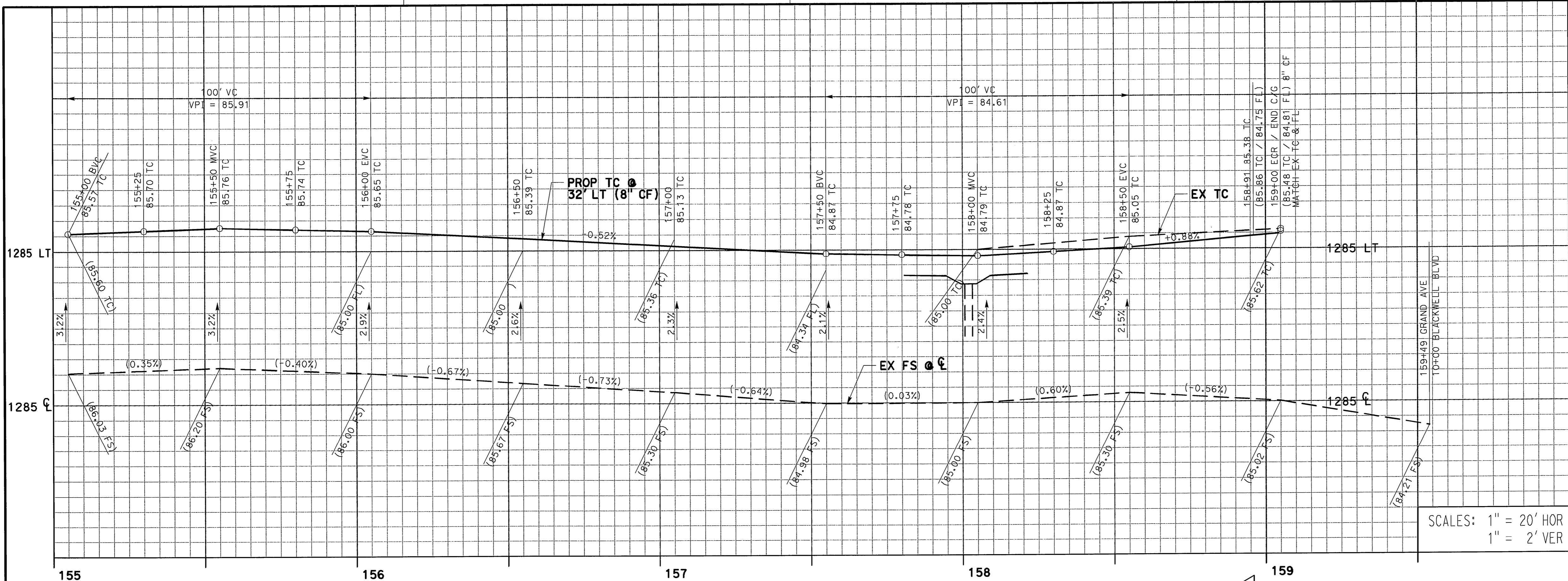


① REVISED WITH
ADDENDUM No. 2 01/29/15

DESIGNED BY APPROVED BY:  <i>Michael O. Mueeting</i> DATE: 1-29-15	CONSTRUCTION DETAILS GRAND AVE RESURFACING & WIDENING STA 150+00 TO 155+00	SHEET No. C-1 SHEET 13 OF 24
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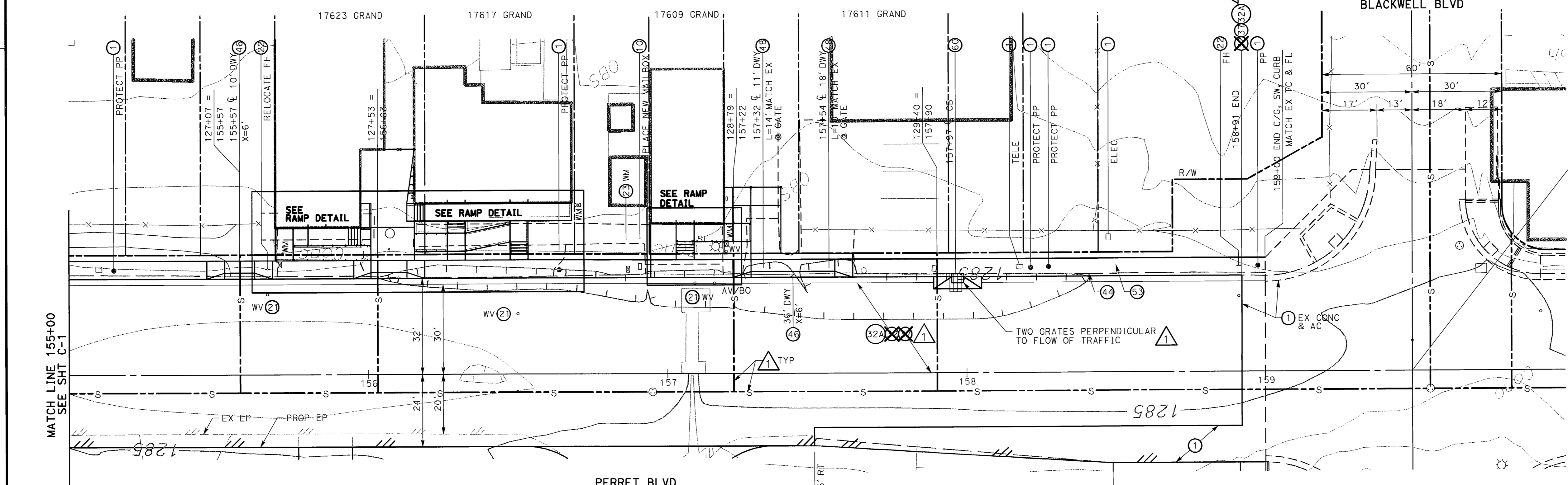


GRAND AVE



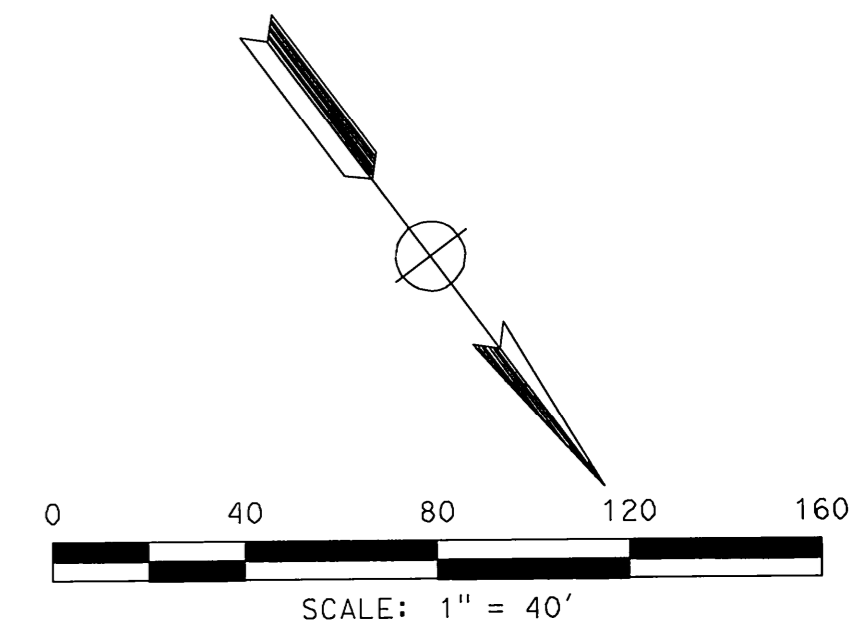
- NOTES:**
- ① PROTECT IN PLACE
 - ⑩ RELOCATE AND/OR REPLACE MAILBOX, SEE SPECIAL PROVISIONS
 - ② ADJUST WATER VALVE COVER TO GRADE, SEE SPECIAL PROVISIONS
 - ③ ADJUST FIRE HYDRANT TO GRADE OR RELOCATE BY EVWMD
 - ④ ADJUST WATER METER TO GRADE OR RELOCATE BY EVWMD
 - ⑤ SAWCUT 1" MIN, EXCAVATE TO SUBGRADE, WIDTH AS SHOWN, MOISTURE CONDITION, COMPACT TO 95% PLACE 0.15' ARHM OVER 0.35' HMA (TYPE A, PG 64-10, 3/4" MIX) OVER NATIVE
 - ⑥ PLACE 0.15' ARHM
 - ④ REMOVE AND REPLACE TYPE A-8 (8") CONCRETE CURB AND GUTTER PER STD No. 201
 - ④ REMOVE AND REPLACE EXISTING DRIVEWAY APPROACH WITH CONCRETE DRIVE APPROACH PER STD No. 207
 - ④ SAWCUT AND REMOVE EXISTING DRIVEWAY; PLACE 6" PCC DRIVEWAY AS SHOWN
 - ⑤ CONSTRUCT CONCRETE SIDEWALK PER STD No. 401
 - ⑥ CONSTRUCT COMBINATION INLET CATCH BASIN PER STD No. 302, WIDTH AS SHOWN; FLOW LINE TO MATCH EX CMP SAW CUT CMP AT CATCH BASIN WALL
 - ⑤ SAWCUT AND EXCAVATE TO SUBGRADE, WIDTH AS SHOWN, MOISTURE CONDITION, COMPACT TO 95%; PLACE 0.15' ARHM OVER 0.25' HMA (TYPE A, PG 64-10, 3/4" MIX) OVER 0.50' CLASS 2 AB

SCALES: 1" = 20' HOR
1" = 2' VER



159+49 GRAND AVE
10+00 BLACKWELL BLVD

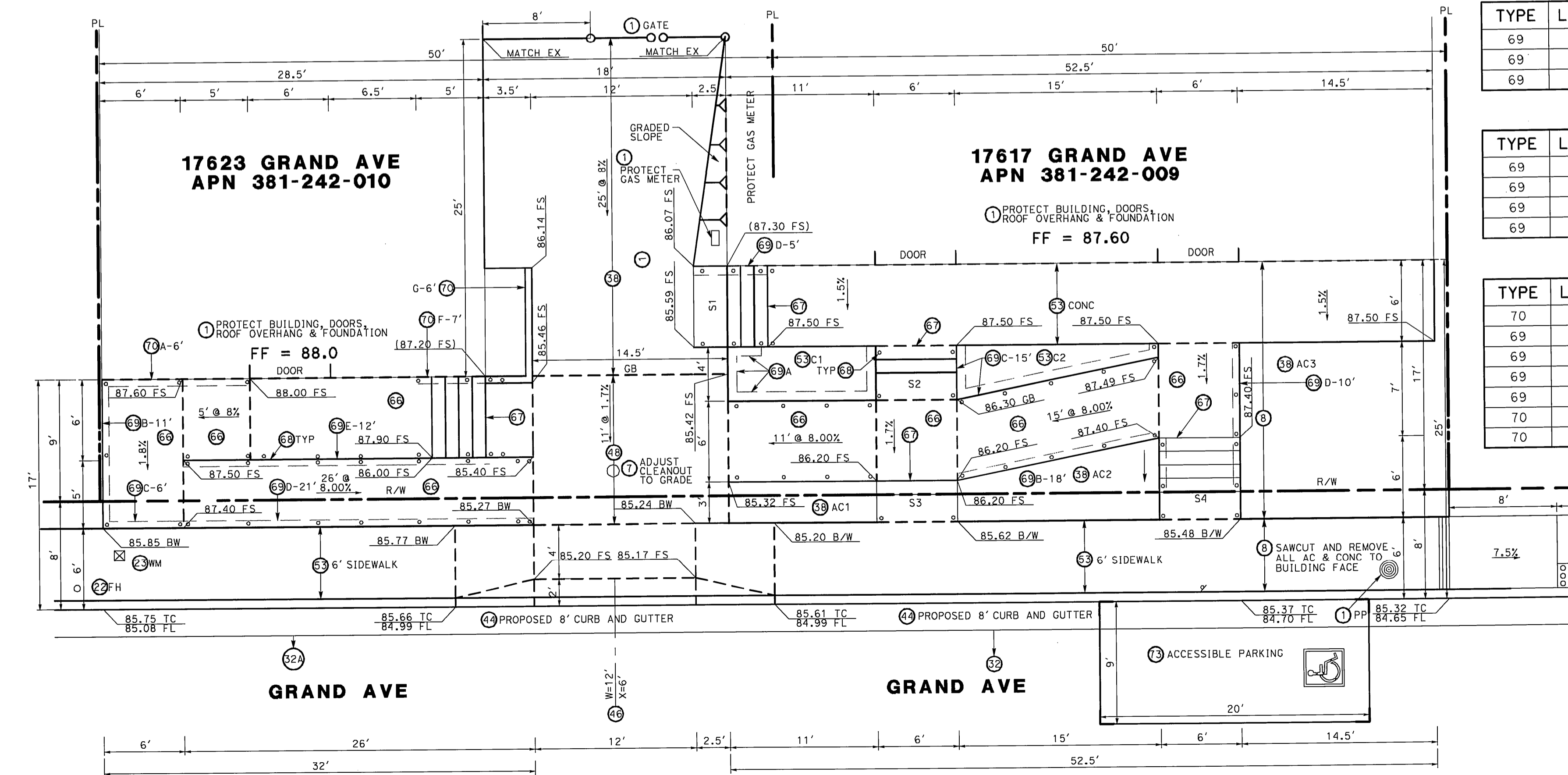
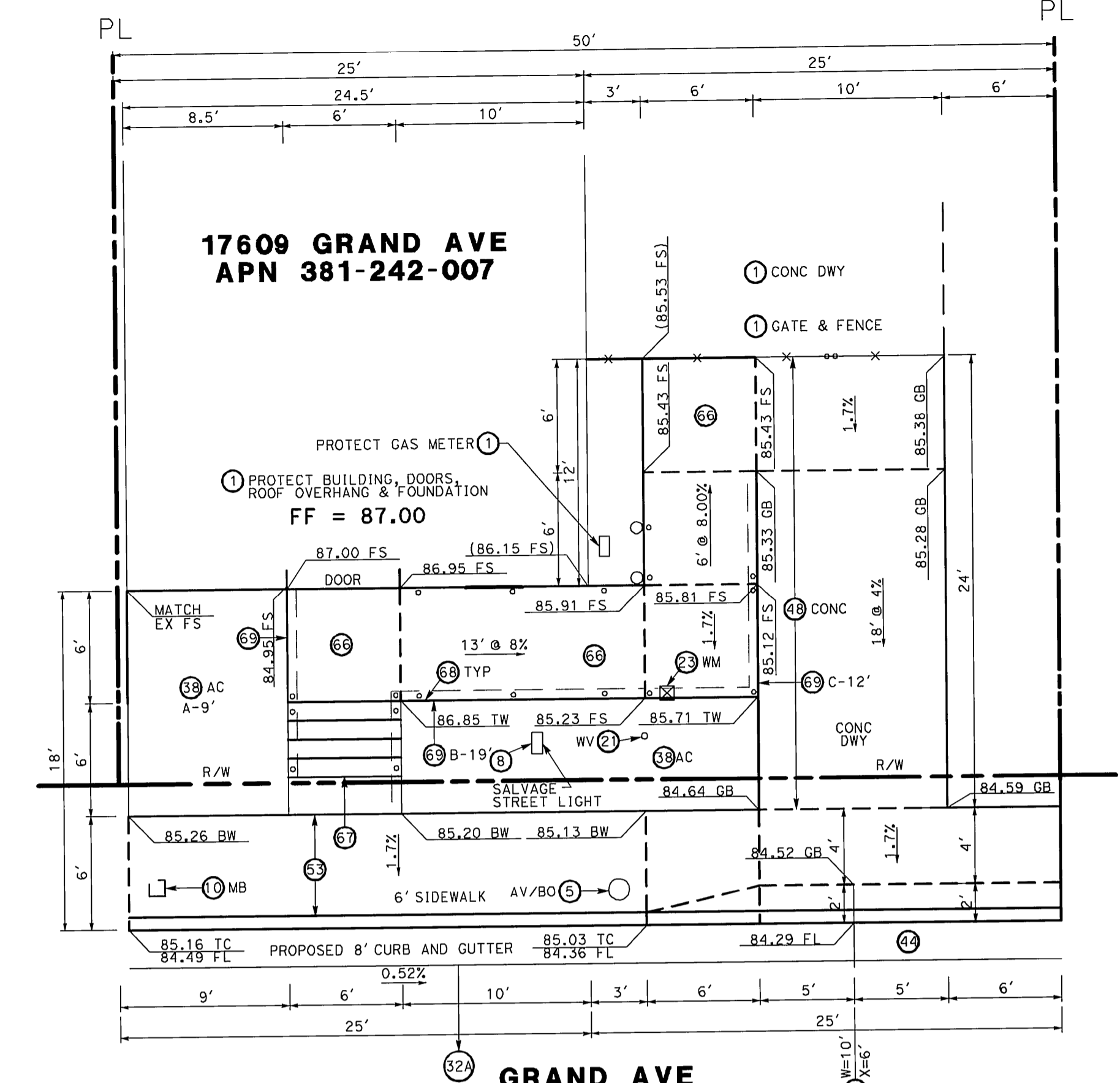
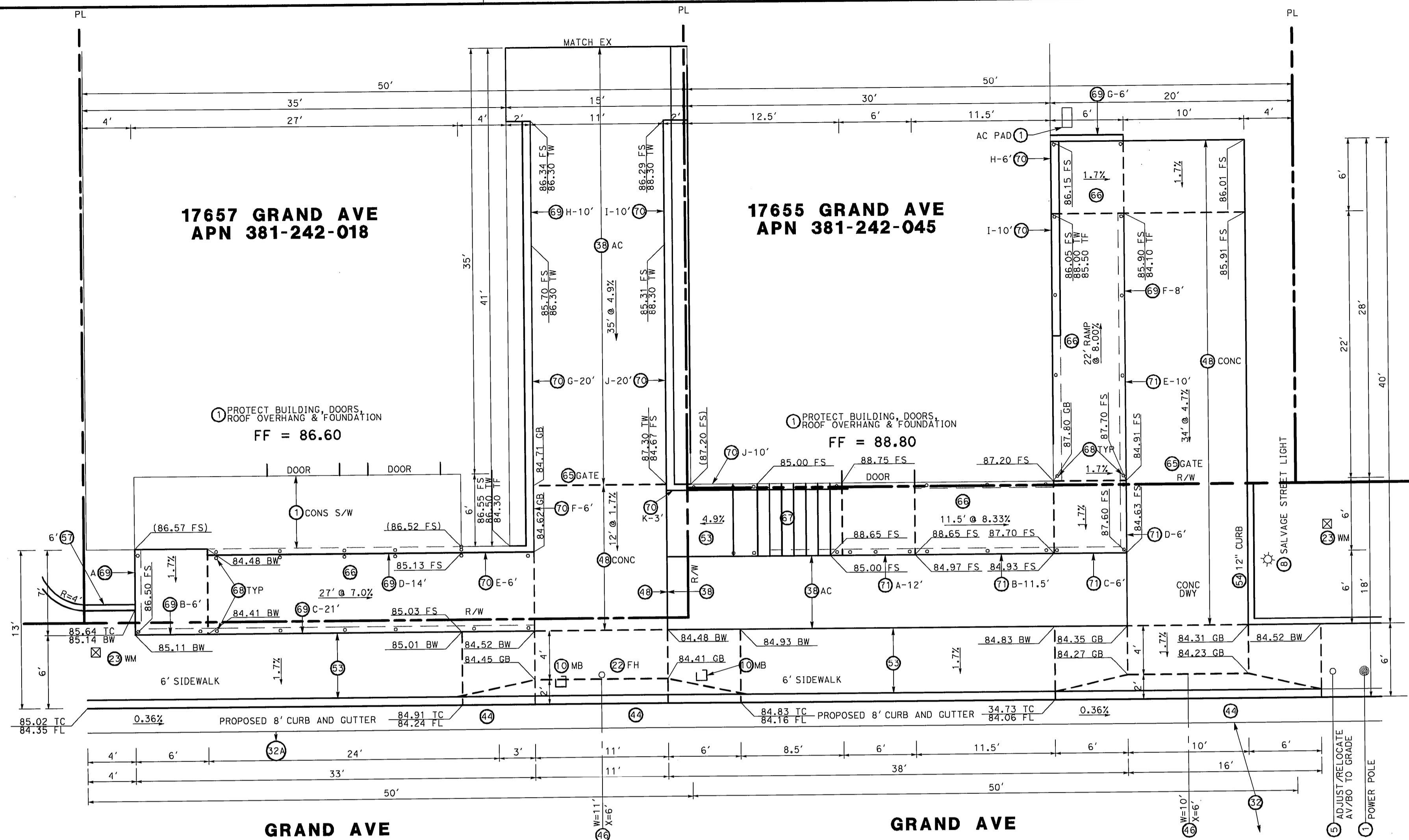
① REVISED WITH ADDENDUM No. 2 01-29-15
ADDED SEWER LATERAL APPROX LOCATIONS



① REVISED WITH
ADDENDUM No. 2 01/29/15

GRAND AVE

DESIGNED BY	CONSTRUCTION DETAILS	SHEET No.
APPROVED BY: <i>Michael O. Mueting</i> MICHAEL O. MUETING PROJECT MANAGER COUNTY OF RIVERSIDE DATE: 1-29-15	GRAND AVE RESURFACING & WIDENING STA 155+00 TO 159+00	C-2 SHEET 14 of 24



17609 GRAND AVE

TYPE	LABEL	L	H	FLAT/SLOPE
69	A	9.0	2.5	L
69	B	19.0	2.4	L
69	C	12.0	1.3	L

17617 GRAND AVE

TYPE	LABEL	L	H	FLAT/SLOPE
69	A	21.0	2.5	L
69	B	18.0	1.2	L
69	C	15.0	1.5	L
69	D	5.0	1.8	S

17623 GRAND AVE

TYPE	LABEL	L	H	FLAT/SLOPE
70	A	6.0	2.3	S
69	B	11.0	2.3	L
69	C	6.0	2.1	L
69	D	21.0	2.1	L
69	E	12.0	2.9	L
70	F	7.0	2.5	S
70	G	6.0	2.2	L

17655 GRAND AVE

TYPE	LABEL	L	H	FLAT/SLOPE
71	A	12.0	4.5	L
71	B	11.5	4.5	L
71	C	6.0	3.4	L
71	D	6.0	3.5	L
71	E	10.0	3.5	L
69	F	8.0	2.2	L
69	G	6.0	3.0	S
70	H	6.0	3.0	S
70	I	10.0	3.0	S

17657 GRAND AVE

TYPE	LABEL	L	H	FLAT/SLOPE
69	A	6.0	2.0	L
69	B	6.0	2.0	L
69	C	21.0	2.0	L
69	D	14.0	2.3	L
70	E	6.0	2.1	S
70	F	5.0	2.1	S
70	G	20.0	2.1	S
69	H	10.0	1.6	L
70	I	10.0	3.6	S
70	J	20.0	3.1	S
70	K	3.0	3.1	S

- NOTES:**
- PROTECT IN PLACE
 - ADJUST AV/BO TO GRADE OR RELOCATE BY EVMWD
 - ADJUST SEWER MH/CLEAN OUT TO GRADE IN CONCRETE
 - ITEMS NOTED TO BE REMOVED PER CLEAR & GRUB SPECIAL PROVISIONS OR AS DIRECTED BY ENGINEER
 - RELOCATE AND/OR REPLACE MAILBOX, SEE SPECIAL PROVISIONS
 - ADJUST WATER VALVE COVER TO GRADE, SEE SPECIAL PROVISIONS
 - ADJUST FIRE HYDRANT TO GRADE OR RELOCATE BY EVMWD
 - ADJUST WATER METER TO GRADE OR RELOCATE BY EVMWD
 - SAWCUT 1' MIN, EXCAVATE TO SUBGRADE, WIDTH AS SHOWN, MOISTURE CONDITION, COMPACT TO 95%; PLACE 0.15' ARM OVER 0.35' HMA (TYPE A, PG 64-10, 3/4 MIX) OVER NATIVE
 - PLACE 0.25' HMA
 - REMOVE AND REPLACE TYPE A-8 (8") CONCRETE CURB AND GUTTER PER STD No. 201
 - REMOVE AND REPLACE EXISTING DRIVEWAY APPROACH WITH CONCRETE DRIVE APPROACH PER STD No. 207
 - SAWCUT AND REMOVE EXISTING DRIVEWAY; PLACE 6" PCC DRIVEWAY AS SHOWN
 - CONSTRUCT CONCRETE SIDEWALK PER STD No. 401
 - CONSTRUCT MONOLITHIC CONCRETE CURB AT BACK OF SIDEWALK; HEIGHT AS SHOWN; SEE SIDEWALK DETAIL
 - CONSTRUCT CURB RAMP PER STD No. 403, "CASE B"; REMOVE EXISTING RAMP AS NEEDED
 - CONSTRUCT 6" CONCRETE CURB PER STD 204
 - CONSTRUCT 6" CHAIN LINK FENCE AS SHOWN OR DIRECTED BY ENGINEER
 - CONSTRUCT ACCESS RAMP AND LANDINGS PER APWA STD No. 604-3; LENGTH AND WIDTH AS SHOWN
 - CONSTRUCT REINFORCED CONCRETE STAIRS PER APWA STD No. 640-3; WIDTH AS SHOWN; C=0", T=12", R & S AS SHOWN
 - CONSTRUCT METAL HAND RAIL PER APWA STD No. 606-3, TYPE A (TWO RAILS)
 - CONSTRUCT RETAINING WALL PER RIV CO BUILDING DEPT STD TYPE 1, H=3'; MAX, LEVEL GRADE (L)
 - CONSTRUCT RETAINING WALL PER RIV CO BUILDING DEPT STD TYPE 2, H=3'; MAX, SLOPING GRADE (S)
 - CONSTRUCT RETAINING WALL PER RIV CO BUILDING DEPT STD TYPE 1, H=5'; MAX, LEVEL GRADE (L)
 - PLACE ACCESSIBLE PARKING SIGNAGE, PAINT ACCESSIBLE PARKING, STRIPE PAVEMENT AS SHOWN PER MUTCD STANDARDS

**REVISED WITH
ADDENDUM No. 2 01/29/15**

<p>DESIGNED BY APPROVED BY: <i>Michael O. Mueiting</i> MICHAEL O. MUEITING PROJECT MANAGER COUNTY OF RIVERSIDE</p>	<p>CONSTRUCTION DETAILS</p> <p>GRAND AVE RESURFACING & WIDENING</p> <p>SIDEWALK DETAILS</p>	<p>SHEET No.</p> <p>C-3</p> <p>SHEET 15 OF 24</p>
	<p>USERNAME => GRAMOS DGN FILE => ADDENDUM2 C4-0074 ga C-03.sht</p> <p>WO C4-0074</p> <p>COUNTY FILE No.</p>	

Contract

THIS CONTRACT is entered into at Riverside, California as of the date set forth below is between County of Riverside hereafter called "County" and **Griffith Company**, hereafter called "Contractor".

W I T N E S S E T H

Recitals:

1. Contractor has submitted to County his Contractor's Proposal for the construction of County Project, **Grand Avenue Resurfacing and Widening Project, Corydon Road to Bonnie Lea Drive, Community of Lakeland Village, Project No. C4-0074**, in strict accordance with the Contract Documents identified below and County has accepted said Proposal.
2. Contractor states that he has reexamined his Contractor's Proposal and found it to be correct, has ascertained that his subcontractors are properly licensed and possess the requisite skill and forces, has reexamined the site and Contract Documents and is of the opinion that he can presently do the work in accordance with the Contract Documents for the money set forth in his Proposal to be paid as provided in the Contract Documents.

Agreement:

It is agreed by the parties as follows:

1. Contract Documents

The entire Contract consists of the following: (a) The Construction Contract, (b) The Notice Inviting Bids. (c) The Instruction to Bidders, (d) The Bid, (e) The Bid Bond, (f) The Payment Bond, (g) The Performance Bond, (h) The General Conditions, (i) The Special Provisions, (j) The Standard Specifications of the State of California Department of Transportation edition of **May 2006** as modified in other portions of the Contract Documents and as amended by the State of California Department of Transportation, (k) The Standard Plans of the Department of Transportation identified on the plans or in the Special Provisions, (l) The Plans, (m) Addenda **two**, (n) The Determination of Prevailing Wage Rates for Public Work, (o) Any Change Orders issued, (p) Any additional or supplemental specifications, notice, instructions and drawings issued in accordance with the provisions of the Contract Documents. All of said Documents presently in existence are by this reference incorporated herein with like effect as if here set forth in full and upon the proper issuance of other documents they shall likewise be deemed incorporated. The Bid Bond is exonerated upon execution of this Contract and the Payment Bond and Performance Bond.

2. The Work

Contractor shall do all tasks necessary to construct the work generally described in Recital No. 1 in accordance with the Contract Documents.

3. Liquidated Damages and Time of Completion

Attention is directed to the provisions in Section 8-1.06, "Time of Completion", and in Section 8-1.07 "Liquidated Damages", of the Standard Specifications and these Special Provisions.

Standard Specification Section 8-1.03, "Beginning of Work" is modified to read as follows:

The Contractor shall begin work within fifteen (15) calendar days, or as revised in the Special Provisions, of the date stated within the written "Notice to Proceed".

The Contractor shall notify the Engineer, in writing, of the Contractor's intent to begin work at least 72 hours before work is begun. If the project has more than one (1) location of work, Contractor shall submit a separate notice for each location. The notice shall be delivered to the Transportation Department's Construction Engineer and shall specify the date the Contractor intends to start at said location.

Should the Contractor begin work in advance of receiving a written "Notice to Proceed", any work performed by the Contractor in advance of the date stated in the "Notice to Proceed" shall be considered as having been done by the Contractor at his own risk and as a volunteer and subject to the following:

- A. The Contractor shall, on commencing operations, take all precautions required for public safety and shall observe all the provisions in the Specifications and the Special Provisions.
- B. All work done according to the Contract, prior to the issuance of the "Notice to Proceed", will be considered authorized work and will be paid for as provided in the contract.
- C. The Contractor shall not be entitled to any additional compensation or an extension of time for any delay, hindrance or interference caused by or attributable to commencement of work prior to the issuance of the "Notice to Proceed".

4. Compensation

Contractor shall be paid in the manner set forth in the Contract Documents the amount of his Proposal as accepted by County, the above rates, subject to additions and deductions as provided in the Contract Documents. Said Proposal is on file in the Office of the Clerk of the Board of Supervisors of County.

**Grand Avenue
Resurfacing and Widening Project
Corydon Road to Bonnie Lea Drive
Community of Lakeland Village
Project No. C4-0074**

Contract

Base Bid

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
1	066102	DUST ABATEMENT	LS	1	40,000.00	40,000.00
2	074020	WATER POLLUTION CONTROL	LS	1	20,000.00	20,000.00
3	120100	TRAFFIC CONTROL SYSTEM	LS	1	88,753.52	88,753.52
4	160101	CLEARING AND GRUBBING	LS	1	25,000.00	25,000.00
5	220101	FINISHING ROADWAY	LS	1	10,000.00	10,000.00
6	015602	FUNDING AWARENESS SIGN	EA	2	1,000.00	2,000.00
7	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	4	2,950.00	11,800.00
8	066237	REMOVE TREES	EA	11	1,000.00	11,000.00
9	160121	REMOVE TREE STUMP	EA	4	450.00	1,800.00
10	152438	ADJUST FRAME AND COVER TO GRADE	EA	1	1,000.00	1,000.00
11	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	97,700	2.40	234,480.00
12	011506	WEDGE PLANE ASPHALT CONCRETE	LF	12,100	0.15	1,815.00
13	190101	ROADWAY EXCAVATION	CY	3,220	20.00	64,400.00
14	190185	SHOULDER BACKING	LF	28,300	0.60	16,980.00
15	260201	CLASS 2 AGGREGATE BASE	CY	1,830	30.00	54,900.00
16	390130	HOT MIX ASPHALT	TON	18,290	65.00	1,188,850.00
17	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	14,660	88.00	1,290,080.00
18	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	TON	590	75.00	44,250.00
19	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	1,600	8.00	12,800.00
20	394048	PLACE ASPHALT CONCRETE DIKE (TYPE E)	LF	1,250	8.00	10,000.00
21	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA	2	2,200.00	4,400.00
22	017304	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)	LF	200	25.00	5,000.00

Contract (continued)

Base Bid

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
23	017305	MINOR CONCRETE (CURB AND GUTTER) (CRS 201)	LF	1,820	25.00	45,500.00
24	017310	MINOR CONCRETE (DRIVEWAY APPROACH) (CRS 207)	SQFT	2,400	6.00	14,400.00
25	017303	MINOR CONCRETE (SPANDREL) (CRS 209)	SQFT	4,800	11.00	52,800.00
26	017302	MINOR CONCRETE (CROSS-GUTTER) (CRS 209)	SQFT	520	11.00	5,720.00
27	017314	MINOR CONCRETE (DIP SECTION) (CRS 307)	SQFT	7,200	8.00	57,600.00
28	731516	MINOR CONCRETE (DRIVEWAY)	SQFT	3,070	6.00	18,420.00
29	731521	MINOR CONCRETE (SIDEWALK)	SQFT	6,250	4.00	25,000.00
30	731501	MINOR CONCRETE (MONOLITHIC CURB)	LF	475	30.00	14,250.00
31	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	10	5,000.00	50,000.00
32	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	12	5,000.00	60,000.00
33	731623	MINOR CONCRETE (CURB RAMP)	EA	8	4,000.00	32,000.00
34	017005	CATCH BASIN (COMBINATION INLET) (CRS 302)	EA	3	7,500.00	22,500.00
35	011503	UNDER SIDEWALK DRAIN CAST IN PLACE (CRS 309)	EA	1	5,200.00	5,200.00
36	719530	CURB DRAIN	EA	3	1,300.00	3,900.00
37	650018	24" REINFORCED CONCRETE PIPE	LF	100	100.00	10,000.00
38	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	50	60.00	3,000.00
39	820151	OBJECT MARKER (TYPE L-1)	EA	54	40.00	2,160.00
40	151281	SALVAGE ROADSIDE SIGN	EA	54	30.00	1,620.00
41	000003	REPLACE WOOD POST WITH NEW STEEL POST	EA	28	150.00	4,200.00
42	566011	ROADSIDE SIGN - ONE POST	EA	176	200.00	35,200.00
43	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	4,700	3.00	14,100.00
44	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	68,000	0.25	17,000.00
45	597401	PAINT CURB RED (2-COAT)	LF	200	2.00	400.00
46	850102	PAVEMENT MARKER (REFLECTIVE)	EA	2,700	3.00	8,100.00
47	860811	DETECTOR LOOP	EA	38	300.00	11,400.00
48	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	380,000.00	380,000.00

Contract (continued)

Base Bid

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
48.1	511123	CONCRETE (RAPID SETTING)	CY	100	650.00	65,000.00
48.2	510501	MINOR CONCRETE [STAIRS, APWA 640-3, TYPE B]	SQFT	190	70.00	13,300.00
48.3	510501	MINOR CONCRETE [RAMP & LANDING, APWA 640-3, TYPE B]	SQFT	1,830	20.00	36,600.00
48.4	510530	MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 1, H=3', LEVEL]	LF	226	285.00	64,410.00
48.5	510530	MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 2, H=3', SLOPE]	LF	65	315.00	20,475.00
48.6	510530	MINOR CONCRETE (WALL) [RIV CO STD RET WALL, TYPE 1, H=5', LEVEL]	LF	95	315.00	29,925.00
48.7	833000	METAL RAILING [APWA 606-3, TYPE A (TWO RAILS)]	LF	500	80.00	40,000.00
48.8	802520	6' CHAIN LINK GATE (TYPE CL-6)	LF	35	200.00	7,000.00

BASE BID Four million, three hundred ten thousand, four hundred eighty eight dollars and
SUB TOTAL fifty two cents \$4,310,488.52
ITEMS 1-48.8 "WORDS"

Alternate Bid Schedule 1 (City of Lake Elsinore)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
49	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	4,600	1.50	6,900.00
50	011506	WEDGE PLANE ASPHALT CONCRETE	LF	1,590	0.15	238.50
51	390130	HOT MIX ASPHALT	TON	790	50.00	39,500.00
52	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	690	60.00	41,400.00
53	017305	MINOR CONCRETE (CURB AND GUTTER) (CRS 201)	LF	107	20.00	2,140.00
54	017315	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)	EA	6	2,900.00	17,400.00

ALT BID SCH. 1
SUB TOTAL One hundred seven thousand, five hundred seventy eight dollars and fifty cents \$107,578.50
ITEMS 49-54 "WORDS"

Alternate Bid Schedule 2 (City of Wildomar)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
55	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	9,000	1.70	15,300.00
56	190101	ROADWAY EXCAVATION	CY	40	18.80	752.00
57	190185	SHOULDER BACKING	LF	620	5.00	3,100.00
58	260201	CLASS 2 AGGREGATE BASE	CY	20	80.00	1,600.00
59	390130	HOT MIX ASPHALT	TON	200	50.00	10,000.00
60	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	180	65.00	11,700.00
61	017314	MINOR CONCRETE (DIP SECTION) (CRS 307)	SQFT	2,000	5.00	10,000.00

ALT BID SCH. 2

SUB TOTAL Fifty two thousand, four hundred fifty two dollars and zero cents **\$52,452.00**

ITEMS 55-61 "WORDS"

Alternate Bid Schedule 3 (Utility Adjustments)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
62	152440	ADJUST MANHOLE TO GRADE (GTE/VERIZON)	EA	26	500.00	13,000.00
63	152440	ADJUST MANHOLE TO GRADE (TIME WARNER TELECOM)	EA	4	500.00	2,000.00
64	152440	ADJUST MANHOLE TO GRADE (LEVEL 3)	EA	4	500.00	2,000.00
65	152440	ADJUST MANHOLE TO GRADE (SEWER)	EA	71	500.00	35,500.00

ALT BID SCH. 3

SUB TOTAL Fifty two thousand, five hundred dollars and zero cents **\$52,500.00**

ITEMS 62-65 "WORDS"

PROJECT

TOTAL Four million, five hundred twenty three thousand, nineteen dollars and two cents **\$4,523,019.02**

ITEMS 1-65 "WORDS"

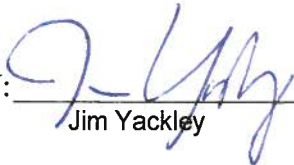
**Grand Avenue
Resurfacing and Widening Project
Corydon Road to Bonnie Lea Drive
Community of Lakeland Village
Project No. C4-0074**

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

COUNTY OF RIVERSIDE

GRIFFITH COMPANY


BY: _____
Chairman, Board of Supervisors

BY:  _____
Jim Yackley

DATED: _____

TITLE: Regional Manager
(If Corporation, affix Seal)

ATTEST:
Kecia Harper-Ihem, Clerk of the Board

ATTEST:
 _____
Susan D. Walt

BY: _____
Deputy

TITLE: Assistant Secretary

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

License No.: **88**
Department of Industrial Relations No.:
100005611
Federal Employer Identification Number:

95-0795590

BY _____
"County"

"Corporation"
(Seal)

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

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 San Bernardino }

On 03/19/15 before me, Jill Raye Kiefer
Date Here Insert Name and Title of the Officer

personally appeared Jim Yackley and Susan D. Walt
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

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.



Place Notary Seal Above

Signature

Jill R. Kiefer
Signature of Notary Public

OPTIONAL

Though the 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: Contract Agreement - Grand Avenue Resurfacing - Co. of Riverside

Document Date: _____ Number of Pages: _____ Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: Jim Yackley

Corporate Officer -- Title(s) Regional Manager

Individual

Partner --- Limited General

Attorney in Fact

Trustee

Guardian or Conservator

Other: _____

Signer is Representing: _____
Griffith Company

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

Signer's Name: Susan D. Walt

Corporate Officer -- Title(s): Assistant Secretary

Individual

Partner --- Limited General

Attorney in Fact

Trustee

Guardian or Conservator

Other: _____

Signer is Representing: _____
Griffith Company

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

Executed in Four (4) Counterparts

Bond Number: 24060822

Premium: \$20,396.00

Performance Bond

Recitals:

1. **Griffith Company** (Contractor) has entered into an Agreement with COUNTY OF RIVERSIDE (County) for construction of public work known as **Grand Avenue Resurfacing and Widening Project, Corydon Road to Bonnie Lea Drive, Community of Lakeland Village, Project No. C4-0074.**
2. **Liberty Mutual Insurance Company**, a _____ Massachusetts _____ 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 **\$4,523,019.02 (Four million, five hundred twenty three thousand, nineteen dollars and two cents)** and inures to the benefit of County.
2. This Bond is exonerated by Contractor doing all things to be kept and performed by it in strict conformance with the Contract Documents for this project, otherwise it remains in full force and effect for the recovery of loss, damage and expense of County resulting from failure of Contractor to so act. All of said Contract Documents are incorporated herein.
3. This obligation is binding on our successors and assigns.
4. For value received, Surety stipulates and agrees that no change, time extension, prepayment to Contractor, alteration or addition to the terms and requirements of the Contract Documents or the work to be performed thereunder shall affect its obligations hereunder and waives notice as to such matters, except the total contract price cannot be increased by more than 10% without approval of Surety.

THIS BOND is executed as of _____ March 12, 2015 _____
Griffith Company Liberty Mutual Insurance Company

By _____

By Heather Saltarelli

By [Signature]

Type Name Heather Saltarelli

Its Attorney in Fact
"Surety"

Title Jim Yackley, Regional Manager

"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).

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

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 San Bernardino }

On 03/19/15 before me, Jill Raye Kiefer
Date Here Insert Name and Title of the Officer

personally appeared Jim Yackley
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

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.



Place Notary Seal Above

Signature Jill R. Kiefer
Signature of Notary Public

OPTIONAL

Though the 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: Performance Bond - Grand Avenue Resurfacing - Co. of Riverside

Document Date: 03/12/15 Number of Pages: _____ Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: Jim Yackley

- Corporate Officer -- Title(s) Regional Manager
- Individual
- Partner --- Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____

Signer is Representing: Griffith Company

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

Signer's Name: _____

- Corporate Officer -- Title(s): _____
- Individual
- Partner --- Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____

Signer is Representing: _____

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

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 Orange)

On MAR 12 2015 before me, K. Luu, Notary Public

Date

Here Insert Name and Title of the Officer

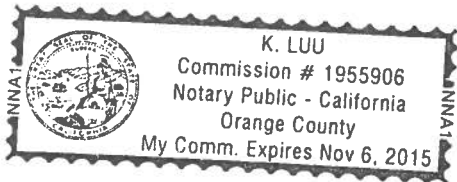
personally appeared Heather Saltarelli

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: _____ Document Date: _____

Number of Pages: _____ Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

Corporate Officer — Title(s): _____

Partner — Limited General

Individual Attorney in Fact

Trustee Guardian or Conservator

Other: _____

Signer Is Representing: _____

Signer's Name: _____

Corporate Officer — Title(s): _____

Partner — Limited General

Individual Attorney in Fact

Trustee Guardian or Conservator

Other: _____

Signer Is Representing: _____

Executed in Four (4) Counterparts

Bond Number: 24060822
Premium: Included in Performance Bond

Payment Bond

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

The makers of this Bond are Griffith Company, as Principal and Original Contractor and Liberty Mutual Insurance Company, 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 \$4,523,019.02 (Four million, five hundred twenty three thousand, nineteen dollars and two cents), the total amount payable. The amount of this bond is one hundred percent (100%) of said sum. Said contract is for public work generally consisting of Grand Avenue Resurfacing and Widening Project, Corydon Road to Bonnie Lea Drive, Community of Lakeland Village, Project No. C4-0074.

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

Dated: March 12, 2015

Griffith Company
Original Contractor – Principal

Liberty Mutual Insurance Company
Surety

By 

By 
Heather Saltarelli
Its Attorney In Fact

Title Jim Yackley, Regional Manager

(If corporation, affix seal)

(Corporate Seal)

(Corporate Seal)

STATE OF _____ } *****See Attached Notary Acknowledgment for Surety*****
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).

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

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 San Bernardino }

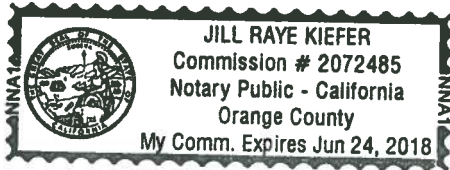
On 03/19/15 before me, Jill Raye Kiefer,
Date Here Insert Name and Title of the Officer

personally appeared Jim Yackley
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

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.



Place Notary Seal Above

Signature

Jill R. Kiefer
Signature of Notary Public

OPTIONAL

Though the 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: Payment Bond - Grand Avenue Resurfacing - Co. of Riverside

Document Date: 03/12/15 Number of Pages: _____ Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: Jim Yackley

Corporate Officer -- Title(s) Regional Manager

Individual

Partner --- Limited General

Attorney in Fact

Trustee

Guardian or Conservator

Other: _____

Signer is Representing: _____
Griffith Company

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

Signer's Name: _____

Corporate Officer -- Title(s): _____

Individual

Partner --- Limited General

Attorney in Fact

Trustee

Guardian or Conservator

Other: _____

Signer is Representing: _____

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

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.

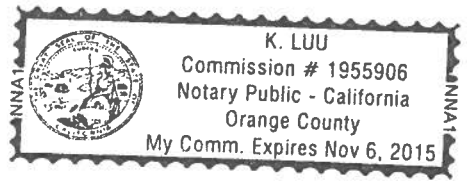
State of California)
County of Orange)

On MAR 12 2015 before me, K. Luu, Notary Public
Date Here Insert Name and Title of the Officer
personally appeared Heather Saltarelli
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

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Description of Attached Document

Title or Type of Document: _____ Document Date: _____
Number of Pages: _____ Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

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

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

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 6648568

American Fire and Casualty Company
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company
West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Heather Saltarelli; James A. Schaller; Jeri Apodaca; Kim Luu; Michael D. Parizino; Rachelle Rheault; Rhonda C. Abel

all of the city of Newport Beach, state of CA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 18th day of July, 2014.



American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 18th day of July, 2014, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 26, 2017
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this MAR 12 2015 day of 20.



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.



- Company Profile
- Company Search
- Company Search Results
- Company Information
- Old Company Names
- Agent for Service
- Reference Information
- NAIC Group List
- Lines of Business
- Workers' Compensation
- Complaint and Request for Action/Appeals
- Contact Information
- Financial Statements PDF's
 - Annual Statements
 - Quarterly Statements
- Company Complaint
 - Company Performance & Comparison Data
 - Company Enforcement Action
 - Composite Complaints Studies
- Additional Info
 - Find A Company Representative In Your Area
 - View Financial Disclaimer

COMPANY PROFILE

Company Information

LIBERTY MUTUAL INSURANCE COMPANY

**175 BERKELEY ST
BOSTON, MA 02116
800-526-1547**

Old Company Names

Effective Date

Agent For Service

KARISSA LOWRY
C/O CORPORATION SERVICE COMPANY
2710 GATEWAY OAKS DRIVE, SUITE 150N
SACRAMENTO CA 95833

Reference Information

NAIC #:	23043
California Company ID #:	1022-3
Date Authorized in California:	08/30/1929
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	MASSACHUSETTS

back to top

NAIC Group List

NAIC Group #: 0111 LIBERTY MUT GRP

Lines Of Business

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

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



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
03/25/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Insurance Services West, Inc. Newport Beach CA Office 100 Bayview Circle Newport Beach CA 92660 USA	CONTACT NAME: PHONE (A/C. No. Ext): (949) 608-6300 FAX (A/C. No.): (949) 608-6459	
	E-MAIL ADDRESS:	
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURED Griffith Company 3050 E. Birch Street Brea CA 92821 USA	INSURER A: Old Republic General Ins Corp 24139	
	INSURER B: National Union Fire Ins Co of Pittsburgh 19445	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER: 570057123139** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. **Limits shown are as requested**

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> \$100,000 Ded. GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y		A1DG99281404	12/31/2014	12/31/2015	EACH OCCURRENCE	\$2,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$100,000
							MED EXP (Any one person)	\$5,000
							PERSONAL & ADV INJURY	\$2,000,000
							GENERAL AGGREGATE	\$4,000,000
							PRODUCTS - COMP/OP AGG	\$4,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS <input checked="" type="checkbox"/> Ded: \$1,000 Coll <input checked="" type="checkbox"/> Ded: \$1,000 Comp	Y		A1CA99281404	12/31/2014	12/31/2015	COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000
							BODILY INJURY (Per person)	
							BODILY INJURY (Per accident)	
							PROPERTY DAMAGE (Per accident)	
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$10,000			BE 023811698	12/31/2014	12/31/2015	EACH OCCURRENCE	\$25,000,000
							AGGREGATE	\$25,000,000
							Products/Completed O	\$25,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		Y/N N	A1CW99281404	12/31/2014	12/31/2015	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER	
			N/A				E.L. EACH ACCIDENT	\$1,000,000
							E.L. DISEASE-EA EMPLOYEE	\$1,000,000
							E.L. DISEASE-POLICY LIMIT	\$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Re: Grand Avenue Resurfacing and Widening Project, Corydon Road to Bonnie Lea Drive, Community of Lakeland Village (Project No. C4-0074).
The County of Riverside, its directors, officers, elected and appointed officials, employees, agents, and representatives; Elsinore Valley Municipal Water District, its directors, officers, elected and appointed officials, employees, agents, and representatives; City of Lake Elsinore, its directors, officers, elected and appointed officials, employees, agents, and representatives; City of Wildomar, its directors, officers, elected and appointed officials, employees, agents, and representatives; Verizon/GTE, its directors, officers, appointed officials, employees, agents, and representatives; Level 3,

CERTIFICATE HOLDER

County of Riverside
Transportation Department
Attn: Contracts/Bidding Unit
3525 14th Street
Riverside CA 92501 USA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Aon Risk Insurance Services West, Inc.

Holder Identifier : Grand Avenue Re

Certificate No : 570057123139





ADDITIONAL REMARKS SCHEDULE

AGENCY Aon Risk Insurance Services West, Inc.		NAMED INSURED Griffith Company	
POLICY NUMBER See Certificate Number: 570057123139			
CARRIER See Certificate Number: 570057123139	NAIC CODE	EFFECTIVE DATE:	

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: ACORD 25 FORM TITLE: Certificate of Liability Insurance

Additional Description of Operations / Locations / Vehicles:
 its directors, officers, appointed officials, employees, agents, and representatives; Time Warner Telecom, its directors, officers, appointed officials, employees, agents and representatives are additional insured and waiver of subrogation applies in their favor. Umbrella is follow form. GL, Cancellation & Auto endorsement and WC waiver attached.

OLD REPUBLIC GENERAL INSURANCE CORPORATION

CANCELLATION OR NON-RENEWAL TO SPECIFIED PERSONS OR ORGANIZATIONS ENDORSEMENT

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

THIS ENDORSEMENT MODIFIES INSURANCE PROVIDED UNDER THE FOLLOWING:

BUSINESS AUTO COVERAGE FORM
COMMERCIAL GENERAL LIABILITY COVERAGE FORM PART
OWNERS AND CONTRACTORS PROTECTIVE LIABILITY COVERAGE
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
RAILROAD PROTECTIVE LIABILITY COVERAGE PART

If we cancel or non-renew this policy for any reason other than non-payment, we will deliver notice of the cancellation or non-renewal to all Specified Persons or Organizations on file with us thirty (30) days prior to the effective date of cancellation or non-renewal.

If we cancel this policy for non-payment, we will deliver notice of the cancellation to all Specified Persons or Organizations on file with us ten (10) days prior to the effective date of cancellation.

If notice is mailed, proof of mailing will be sufficient proof of notice.

Named Insured	Griffith Company		
Policy Number	A1CA99281404 - A1DG99281404	Endorsement No.	
Policy Period	12/31/201 to 12/31/2015	Endorsement Effective Date:	12/31/2014
Producer's Name:	Aon Risk Insurance Services West, Inc.		
Producer Number:			

Aon Risk Insurance Services West, Inc.

AUTHORIZED REPRESENTATIVE

See certificate

DATE

OLD REPUBLIC GENERAL INSURANCE CORPORATION
WORKERS COMPENSATION AND EMPLOYERS LIABILITY INSURANCE POLICY
CANCELLATION PROVISION

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

THIS ENDORSEMENT MODIFIES INSURANCE PROVIDED UNDER THE FOLLOWING:

Part Six - Conditions, Item D. Cancellation, Number 2, is changed to read:

2. We may cancel this policy. We must mail or deliver to you not less than 60 days advance written notice stating when the cancellation is to take effect, unless cancellation is for nonpayment of premium, in which event our obligation is mailing not less than 10 days prior to the effective date of cancellation. Mailing notice to you at your mailing address shown in Item 1 on the Information Page will be sufficient to prove notice.

Named Insured	Griffith Company		
Policy Number	A1CW99281404	Endorsement No.	
Policy Period	12/31/2014 to 12/31/2015	Endorsement Effective Date:	12/31/14
Producer's Name:	Aon Risk Insurance Services West, Inc.		
Producer Number:			

Aon Risk Insurance Services West, Inc.

 AUTHORIZED REPRESENTATIVE

See certificate

 DATE

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location(s) Of Covered Operations
Where required by written contract	
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury," "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location And Description Of Completed Operations
<p>Where required by written contract, but only when coverage for Completed Operations is specifically required by that contract".</p>	
<p>Information required to complete this Schedule, if not shown above, will be shown in the Declarations.</p>	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the Schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard."

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
 2. Available under the applicable Limits of Insurance shown in the Declarations;
- whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

OLD REPUBLIC GENERAL INSURANCE CORPORATION

CHANGES ADDITIONAL INSURED PRIMARY WORDING SCHEDULE

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

THIS ENDORSEMENT MODIFIES INSURANCE PROVIDED UNDER THE FOLLOWING:

COMMERCIAL GENERAL LIABILITY COVERAGE FORM

**Name of Additional Insured Person(s)
Or Organization(s):**

Location of Covered Operations

Where required by written contract

Information required to complete this Schedule, if not shown above, will be shown in the Declarations. The insurance provided by this endorsement is primary insurance and we will not seek contribution from any other insurance of a like kind available to the person or organization shown in the schedule above unless the other insurance is provided by a contractor other than the person or organization shown in the schedule above for the same operation and job location. If so, we will share with that other insurance by the method described in paragraph 4.c. of Section IV – Commercial General Liability Conditions.

All other terms and conditions remain unchanged.

Named Insured	Griffith Company		
Policy Number	A1DG99281404	Endorsement No.	
Policy Period	12/31/2014 to 12/31/2015	Endorsement Effective Date:	12/31/2014
Producer's Name:	Aon Risk Insurance Services West, Inc.		
Producer Number:			

Aon Risk Insurance Services West, Inc.

AUTHORIZED REPRESENTATIVE

See certificate

DATE

OLD REPUBLIC GENERAL INSURANCE CORPORATION

ADDITIONAL INSURED WHERE REQUIRED UNDER CONTRACT OR AGREEMENT

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

THIS ENDORSEMENT MODIFIES INSURANCE PROVIDED UNDER THE FOLLOWING:

BUSINESS AUTO COVERAGE FORM

The following is added to Section II – Liability Coverage, A. – Coverage, 1. Who Is An Insured:

- d. Any person or organization to whom you become obligated to include as an additional insured under this policy, as a result of any contract or agreement you enter into which required you to furnish insurance to that person or organization of the type provided by this policy, but only with respect to liability arising out of your operations or premises owned by or rented to you. However, the insurance provided will not exceed the lessor of:
1. The coverage or limits of this policy, or
 2. The coverage or limits required by said contract or agreement.

Named Insured	Griffith Company		
Policy Number	A1CA99281404	Endorsement No.	
Policy Period	12/31/2014 - 12/31/2015	Endorsement Effective Date:	12/31/2014
Producer's Name:			
Producer Number:			

Sen Risk Insurance Services West, Inc.

Authorized Representative

See certificate

Date

OLD REPUBLIC GENERAL INSURANCE CORPORATION

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT (CALIFORNIA)

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

THIS ENDORSEMENT MODIFIES INSURANCE PROVIDED UNDER THE FOLLOWING:

WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY INSURANCE

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.

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

Schedule

Where required by written contract

The premium charge for this endorsement is \$0.00

Named Insured	Griffith Company		
Policy Number	A1CW99281404	Endorsement No.	
Policy Period	12/31/2014 to 12/31/2015	Endorsement Effective Date:	12/31/14
Producer's Name:	Aon Risk Insurance Services West, Inc.		
Producer Number:			

Aon Risk Insurance Services West, Inc.

AUTHORIZED REPRESENTATIVE

See certificate

DATE