

FORM APPROVED COUNTY COUNSEL  
 BY: GREGORY P. PRIAMOS  
 DATE: 6/4/15

Departmental Concurrence

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

252A



**FROM:** TLMA – Transportation Department

**SUBMITTAL DATE:**  
 May 19, 2015

**SUBJECT:** Approval of the Plans and Specifications and Authorization to Advertise for Bids for the Slurry Seal Project at Various Locations. 1<sup>st</sup> and 3<sup>rd</sup> Districts (Clerk to Advertise); [\$2,320,000]; Local Funds 100%

**RECOMMENDED MOTION:** That the Board of Supervisors:

1. Approve the plans and specifications for the Slurry Seal Project at various locations in 1<sup>st</sup> and 3<sup>rd</sup> Districts; and
2. Authorize the Clerk of the Board to advertise for bids to be received by the office of the Director of Transportation and Land Management at the Transportation Annex located at 3525 14<sup>th</sup> Street, Riverside, CA 92501. All bids must be received up to the hour of 2:00 p.m., Wednesday, July 8, 2015, at which time bids, will be opened.

*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)
<b>COST</b>	\$ 2,320,000	\$ 0	\$ 2,320,000	\$ 0	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
<b>NET COUNTY COST</b>	\$ 0	\$ 0	\$ 0	\$ 0	

**SOURCE OF FUNDS:** Gas Tax [ABX8-9 Mar 2010 New HUTA] (98%), County Parks District (2%). There are no General Funds used in this project. **Budget Adjustment:** No  
**For Fiscal Year:** 15/16

**C.E.O. RECOMMENDATION:**

APPROVE

BY: *Tina Grande*  
 Tina Grande

County Executive Office Signature

**MINUTES OF THE BOARD OF SUPERVISORS**

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

**Ayes:** Jeffries, Tavaglione, Washington, Benoit and Ashley  
**Nays:** None  
**Absent:** None  
**Date:** June 16, 2015  
**xc:** Transp., COBcg

Kecia Harper-Ihem  
 Clerk of the Board  
 By: *Kecia Harper-Ihem*  
 Deputy

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

**Prev. Agn. Ref.:** District: 1 and 3 **Agenda Number:**

**3-57**

**SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**  
**FORM 11: Approval of the Plans and Specifications and Authorization to Advertise for Bids for the Slurry Seal Project at Various Locations, 1<sup>st</sup> and 3<sup>rd</sup> Districts (Clerk to Advertise); [\$2,320,000]; Local Funds 100%**

**DATE:** May 19, 2015

**PAGE:** 2 of 3

**BACKGROUND:**

**Summary**

The slurry seal treatments are provided as preventative maintenance to extend the life of pavement and postpone more costly pavement rehabilitation. The slurry seal treatment seals small cracks, restores lost flexibility to the pavement surface, and helps preserve underlying pavement structure. This project includes various roads located within the 1<sup>st</sup> and 3<sup>rd</sup> supervisorial districts. The specific roads are listed in "Attachment 1."

The slurry seal treatment consists of an application of a mixture of asphalt emulsion, aggregates, water, and other additives over the existing asphalt pavement surface. This work includes road cleaning, crack repairs, the slurry seal treatment, installation of new thermoplastic crosswalks, replacement of striping, pavement markings, and raised pavement markers. All roads will be swept several times, at specified intervals, after the slurry has been applied.

The bid documents include the following bid schedules of work:

Base Bid:	Slurry Seal, Various County Roads
Alternate Bid Schedule 1A:	Domenigoni Parkway, Rubberized Chip Seal with Micro-Surfacing
Alternate Bid Schedule 1B:	Domenigoni Parkway, Rubberized Hot Mix Asphalt Overlay (0.12')
Alternate Bid Schedule 2:	Crestmore Manor, Parking Lot Slurry Seal

Alternate Bid Schedules 1A and 1B are different treatment methods for a 3.8 mile segment of Domenigoni Parkway. Rubberized Chip Seal with Micro-surfacing is a specialized slurry seal treatment for higher speed arterial roads. The treatment is a two-step process and seals small cracks, provides a more durable driving surface, and extends the life of the road. The rubberized hot mix asphalt overlay (0.12') is an optional rehabilitation method that has a slightly longer life span. The low bid treatment will be selected for award.

Alternate Bid Schedule 2 is the Crestmore Manor parking lot slurry seal. If approved and concurred by the Riverside County Park District, this portion would be funded by the Riverside County Park District through a reimbursement agreement, which will be submitted to the Board of Supervisors for approval prior to or concurrent with the award of the construction contract.

The submitted plans and specifications have been approved as to form by County Counsel.

Environmental clearance is complete.

Project Nos.: C4-0006 and C4-0008

**Impact on Residents and Businesses**

The slurry seal treatment will extend the life of the roads and reduce the need for resurfacing. Road resurfacing costs an average ten times more than slurry seal treatment.

**SUPPLEMENTAL:**

**Additional Fiscal Information**

The construction contract is estimated to cost approximately \$2,320,000, and construction is expected to finish in FY 2015/2016. The slurry seal contract will be funded with Gas Tax (ABX8-9 Mar 2010 New HUTA) and the Riverside County Parks District will fund the work at Crestmore Manor Park.

There are no General Funds used in this project.

**Contract History and Price Reasonableness**

N/A

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**Attachments**

Road List

Vicinity Map

Maps: 124D, 114, 107A, 112A, 28, 57A, 57B, 53, 26B, 33A, 33B, 33D, and 72

# Road List

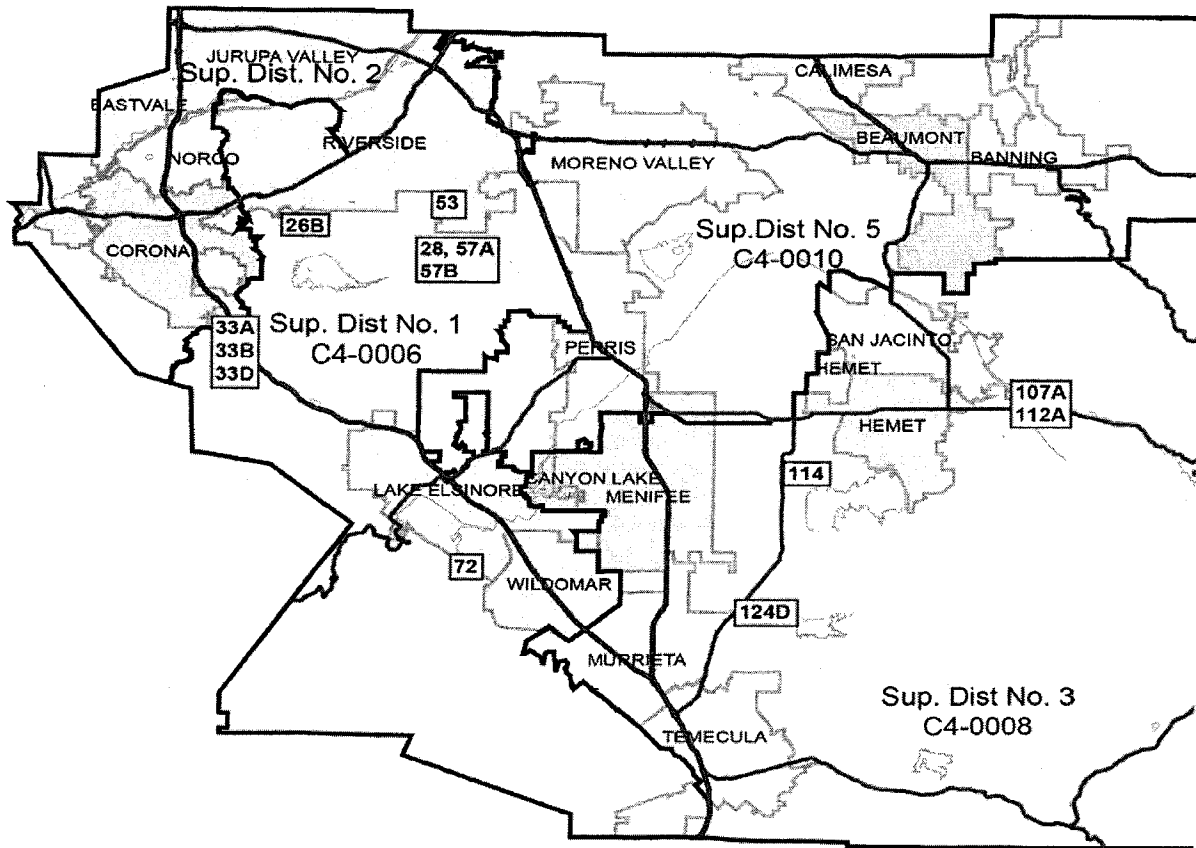
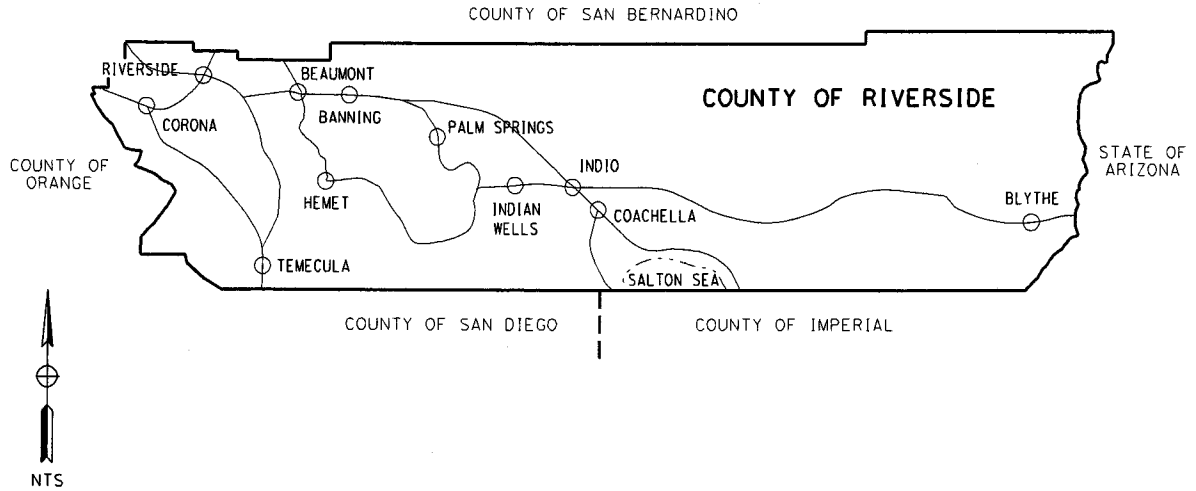
RD BK PAGE	SUPV. DIST.	MAINT. DIST.	ROAD NAME	LIMITS		Length (FT)	Width (FT)	Area (SQ YD)	WORK DESC.	
				From	To					
<b>A</b>										
57	A	1	11	ALDER ST	736' S SCOTTSDALE RD	324' N SEVEN SPRINGS WAY	4020	36	16,080	SS1
57	A	1	11	ALMOND TREE PATH	OWL TREE RD	536' S OWL TREE RD	536	32	1,906	SS1
124	D	3	12	AMSTERDAM RD	MUNICH LN	ANTWERP ST	638	36	2,552	SS1
124	D	3	12	ANTWERP ST	AMSTERDAM RD	RIVERA ST	529	36	2,116	SS1
124	D	3	12	ANZIO CIR	TAHOE ST	283' E TAHOE ST	283	32	1,006	SS1
121	F	3	12	ARRAS DR	THOMPSON RD	GENOA ST	842	36	3,368	SS1
57	B	1	11	ASPENLEAF DR	CARPINUS DR	ROCKY SUMMIT DR	1109	35	4,313	SS1
72		1	12	AUTUMNWOOD CIR	HILLVIEW LN	560' SW HILLVIEW LN	560	36	2,240	SS1
<b>B</b>										
107	A	3	15	BARITO ST	TIBER ST	735' S TIBER ST	735	36	2,940	SS1
107	A	3	15	BARNETT DR	EDITH WY	DESSIE WAY	778	33	2,853	SSI/CHIP
124	D	3	12	BAVERIA ST	RIVERA ST	BENTON RD	126	40	560	SS1
107	A	3	15	BETHLAM AVE	FAIRVIEW AVE	1231' N FAIRVIEW AVE	1231	61	8,343	SS2
107	A	3	15	BEVERLEE CIR	HOWARD DR	194' E HOWARD DR	194	29	625	SSI/CHIP
28		1	11	BIRCH HILL RD	CANYONWOOD DR	LAUREL GROVE RD	1264	36	5,056	SS1
124	D	3	12	BONN CT	ANTWERP ST	290' W ANTWERP ST	290	36	1,160	SS1
107	A	3	15	BOS CIR	BARNETT DR	309' E BARNETT DR	309	29	996	SSI/CHIP
28		1	11	BRETTON WOODS PL	CORRINNE WAY	1302' N CORRINNE WAY	1302	36	5,208	SS1
33	B	1	11	BRIARWOOD DR	WOODVIEW DR	ROLLING HILLS DR	464	36	1,856	SS1
124	D	3	12	BRUSSELS ST	LEEDS ST	LEON RD	548	32	1,948	SS1
<b>C</b>										
28		1	11	CANYONWOOD DR	BIRCH HILL RD	ROLLING CREEK WAY	1176	36	4,704	SS1
28		1	11	CANYONWOOD DR	ROLLING CREEK WAY	783' S ROLLING CREEK WAY	783	28	2,436	SS1
124	D	3	12	CAPRI DR	570' N GENOA ST	659' SW GENOA ST	1229	36	4,916	SS1
124	D	3	12	CAPRI DR	659' SW GENOA ST	1758' SW GENOA ST	1099	32	3,908	SS1
28		1	11	CHELTENHAM RD	BRETTON WOODS PL	MOROCCO CT	702	36	2,808	SS1
57	A	1	11	CHICKORY DR	SEVEN SPRINGS WAY	SCOTTSDALE RD	2449	36	9,796	SS1
57	A	1	11	CHICKORY DR	SCOTTSDALE RD	958' S SCOTTSDALE RD	958	36	3,832	SS1
61		1	14	CITRUS AVE	WEBSTER AVE	1307' W WEBSTER AVE	1307	32	4,647	SS1
26	B	1	11	CLEVELAND AVE	1764' N VILLA FRANCA	VILLA FRANCA	1590	24	4,240	SSI/CHIP
26	B	1	11	CLEVELAND AVE	VILLA FRANCA	LA SIERRA AVE	843	10	937	SS1
53		1	11	COLT ST	AKRON ST	PRAIRIE WAY	920	18	1,840	SSI/CHIP
57	A	1	11	CONESTOGA RD	GREEN ACRES DR	341' E GREEN ACRES DR	341	25	947	SS1
33	B	1	11	COPPER RIDGE DR	WOODVIEW DR	ROLLING HILLS DR	452	36	1,808	SS1
28		1	11	CORRINNE WAY	MARKHAM ST	2393' N MARKHAM ST	2393	36	9,572	SS1
124	D	3	12	CORSICA CIR	FOREST ST	543' S FOREST ST	543	36	2,172	SS1
57	A	1	11	COWAN RD	CAJALCO RD	GREEN ACRES DR	1485	36	5,940	SSI/CHIP
33	B	1	11	CRIMSON CT	ROLLING HILLS DR	381' N ROLLING HILLS DR	381	36	1,524	SS1
<b>D</b>										
107	A	3	15	DANUBE CT	TIBER ST	412' S TIBER ST	412	36	1,648	SS1
107	A	3	15	DESSIE WAY	HOWARD DR	747' E HOWARD DR	747	31	2,573	SSI/CHIP
114		3	15	DOMENIGONI PKWY	SH-79	5598' E SH-79	5598	72	44,784	RCS
114		3	15	DOMENIGONI PKWY	5598' E SH-79	11187' E SH-79	5589	72	44,712	RCS
114		3	15	DOMENIGONI PKWY	11187' E SH-79	WARREN RD	4852	62	33,425	RCS
114		3	15	DOMENIGONI PKWY	WARREN RD	4437' E WARREN RD	4437	74	36,482	RCS
28		1	11	DRY RUN CT	EAGLE PEAK RD	484' N EAGLE PEAK RD	484	28	1,506	SS1
<b>E</b>										
28		1	11	EAGLE PEAK RD	EDGE GATE DR	WASHINGTON ST	2150	36	8,600	SS1
28		1	11	EDGE GATE DR	EAGLE PEAK RD	WASHINGTON ST	2713	36	10,852	SS1
107	A	3	15	EDITH WAY	WENDELL DR	HOWARD DR	561	33	2,057	SSI/CHIP
107	A	3	15	EDITH WAY	HOWARD DR	CHICAGO AVE	853	33	3,128	SSI/CHIP
72		1	12	ELENA DR	ONTARIO WAY	637' W ONTARIO WAY	637	37	2,619	SS1
124	D	3	12	EUREKA CIR	ARRAS DR	651' E ARRAS DR	651	36	2,604	SS1
33	A	1	11	EVONVALE DR	KNABE RD	HAYWORTH CT	286	32	1,017	SS1
<b>F</b>										
72		1	12	FAIRMONT LN	HILLVIEW LN	GRAND AVE	1059	40	4,707	SS1
112	A	3	15	FAIRVIEW AVE	399' S SOPWITH DR	CHICAGO AVE	3670	60	24,467	SS2
57	A	1	11	FALLING WATER WAY	657' S SEVEN SPRINGS WAY	SEVEN SPRINGS WAY	657	32	2,336	SS1
124	D	3	12	FLORENCE CT	LEEDS ST	272' W LEEDS ST	272	36	1,088	SS1
33	A	1	11	FOREST BOUNDARY RD	KNABE RD	1273' S KNABE RD	1273	32	4,526	SS1
124	D	3	12	FOREST ST	HAMBURG CIR	145' E CORSICA CIR	1693	36	6,772	SS1
124	D	3	12	FOREST ST	145' E CORSICA DR	TAHOE ST	102	36	408	SS1

RD BK PAGE	SUPV. DIST.	MAINT. DIST.	ROAD NAME	LIMITS		Length (FT)	Width (FT)	Area (SQ YD)	WORK DESC.	
				From	To					
124	D	3	12	FRESNO CIR	STOCKTON ST	550' S STOCKTON ST	550	36	2,200	SS1
			<b>G</b>							
124	D	3	12	GENOA ST	POURROY RD	JOLTAIRE WAY	1622	40	7,209	SS1
124	D	3	12	GLASGOW ST	BREITNER WAY	539' NW BREITNER WAY	539	36	2,156	SS1
57	A	1	11	GLASS MOUNTAIN DR	SEVEN SPRINGS WAY	SCOTTSDALE RD	2405	40	10,689	SS1
28		1	11	GLEN HOLLOW WAY	IRONRIDGE RD	1419' N IRONRIDGE RD	1419	36	5,676	SS1
57	A	1	11	GOLDEN LEAF LN	OWL TREE RD	748' N OWL TREE RD	748	33	2,743	SSI/CHIP
57	A	1	11	GREEN ACRES DR	1079' S WYLER RD	WYLER RD	1079	26	3,117	SSI/CHIP
			<b>H</b>							
124	D	3	12	HAGUE ST	FOREST ST	HAMBURG CIR	783	36	3,132	SS1
124	D	3	12	HAMBURG CIR	FOREST ST	912' E FOREST ST	912	36	3,648	SS1
57	A	1	11	HARLEY JOHN RD	SCOTTSDALE RD	WASHINGTON ST	1478	60	9,853	SS1
33	A	1	11	HAYWORTH CT	PATINA CT	716' N PATINA CT	716	32	2,546	SS1
72		1	12	HENSHAW CT	WINNIPEG PL	359' E WINNIPEG PL	359	33	1,316	SS1
57	A	1	11	HICKORY TREE LN	OWL TREE RD	525' N OWL TREE RD	525	32	1,867	SSI/CHIP
72		1	12	HILLDALE LN	SANDALWOOD LN	SHADOW TRAILS LN	830	40	3,689	SS1
112	A	3	15	HILLSON CIR	HOWARD DR	194' E HOWARD DR	194	29	625	SSI/CHIP
72		1	12	HILLVIEW LN	TURTLE DOVE DR	SHADOW TRAILS LN	1012	40	4,498	SS1
57	A	1	11	HOLLOWTREE LN	SEVEN SPRINGS WAY	ALDER ST	1461	36	5,844	SS1
124	D	3	12	HONEYSUCKLE CIR	ARRAS DR	628' E ARRAS DR	628	36	2,512	SS1
112	A	3	15	HOWARD DR	OLIVE AVE	CEDAR AVE	2594	33	9,511	SSI/CHIP
33	B	1	11	HUNTERS CT	ROLLING HILLS DR	156' S ROLLING HILLS DR	156	36	624	SS1
124	D	3	12	HUNTSMAN CT	LEEDS ST	377' W LEEDS ST	377	36	1,508	SS1
			<b>I</b>							
28		1	11	IRONRIDGE RD	GLEN HOLLOW WAY	TIMBERVIEW DR	727	40	3,231	SS1
			<b>J</b>							
33	D	1	11	JAMESON RD	CLAY CANYON DR	CALLE CANON RD	1808	36	7,232	SS2
33	D	1	11	JAMESON RD	CALLE CANON RD	CAMINO LIMON RD	630	36	2,520	SS2
124	D	3	12	JOLTAIRE WAY	THOMPSON RD	TAHOE ST	1734	36	6,936	SS1
			<b>K</b>							
124	D	3	12	KIEL CT	LEEDS ST	276' N LEEDS ST	276	36	1,104	SS1
			<b>L</b>							
28		1	11	LA SERENA CT	LAUREL GROVE RD	808' E LAUREL GROVE RD	808	28	2,514	SS1
28		1	11	LARKWOOD ST	EDGE GATE DR	WOOD SONG CT	422	28	1,313	SS1
28		1	11	LAUREL GROVE RD	IRONRIDGE RD	NANDINA AVE	2178	36	8,712	SS1
124	D	3	12	LEEDS ST	BRUSSELS ST	KIEL CT	1501	36	6,004	SS1
61		1	14	LEMON AVE	WEBSTER AVE	1305' W WEBSTER AVE	1305	32	4,640	SS1
124	D	3	12	LEON RD	BRUSSELS ST	THOMPSON RD	1232	36	4,928	SS1
107	A	3	15	LOW CIR	BARNETT DR	305' E BARNETT DR	305	29	983	SSI/CHIP
28		1	11	LUNA CT	WINTERS LN	1208' NW WINTERS LN	1208	33	4,429	SS1
			<b>M</b>							
124	D	3	12	MANFORD DR	LEON RD (S5220E)	LEEDS ST	335	40	1,489	SS1
28		1	11	MARKHAM ST	MOCKINGBIRD CANYON RD	WASHINGTON ST	3746	60	24,973	SS2
57	A	1	11	MARKHAM ST	WASHINGTON ST	4294' E WASHINGTON ST	4294	32	15,268	SS2
57	A	1	11	MC GUIRE RD	WYLER RD	1044' NE WYLER RD	1044	26	3,016	SSI/CHIP
124	D	3	12	MODESTO CIR	CAPRI DR	110' SE CAPRI DR	110	36	440	SS1
72		1	12	MODESTO CT	ELENA DR	154' S ELENA DR	154	33	565	SS1
124	D	3	12	MUNICH LN	HAMBURG CIR	AMSTERDAM RD	232	36	928	SS1
			<b>N</b>							
28		1	11	NANDINA AVE	WASHINGTON ST	642' E WASHINGTON ST	642	45	3,210	SS2
28		1	11	NANDINA AVE	642' E WASHINGTON ST	PORTER AVE	1284	32	4,565	SS2
107	A	3	15	NITA CIR	HOWARD DR	192' E HOWARD DR	192	29	619	SSI/CHIP
			<b>O</b>							
57	A	1	11	OAK PARK DR	SEVEN SPRINGS WAY	SCOTTSDALE RD	2523	40	11,213	SS1
72		1	12	OKEECHOBEE LN	WINNIPEG PL	ONTARIO WAY	490	37	2,014	SS1
72		1	12	ONTARIO WAY	GRAND AVE	1324' N GRAND AVE	1324	18	2,648	SS1
57	A	1	11	OWL TREE RD	WASHINGTON ST	SHADY SIDE LN	1158	39	5,018	SSI/CHIP
57	A	1	11	OWL TREE RD	SHADY SIDE LN	MARKHAM ST / E	3064	40	13,618	SSI/CHIP
57	A	1	11	OWL TREE RD	MARKHAM ST / W	WASHINGTON ST	2130	40	9,467	SS1
			<b>P</b>							
124	D	3	12	PANSY ST	611' N GENOA ST	261' S GENOA ST	872	36	3,488	SS1
124	D	3	12	PARIS CT	FOREST ST	293' E FOREST ST	293	36	1,172	SS1
33	A	1	11	PATINA CT	HAYWORTH CT	486' E HAYWORTH CT	486	32	1,728	SS1

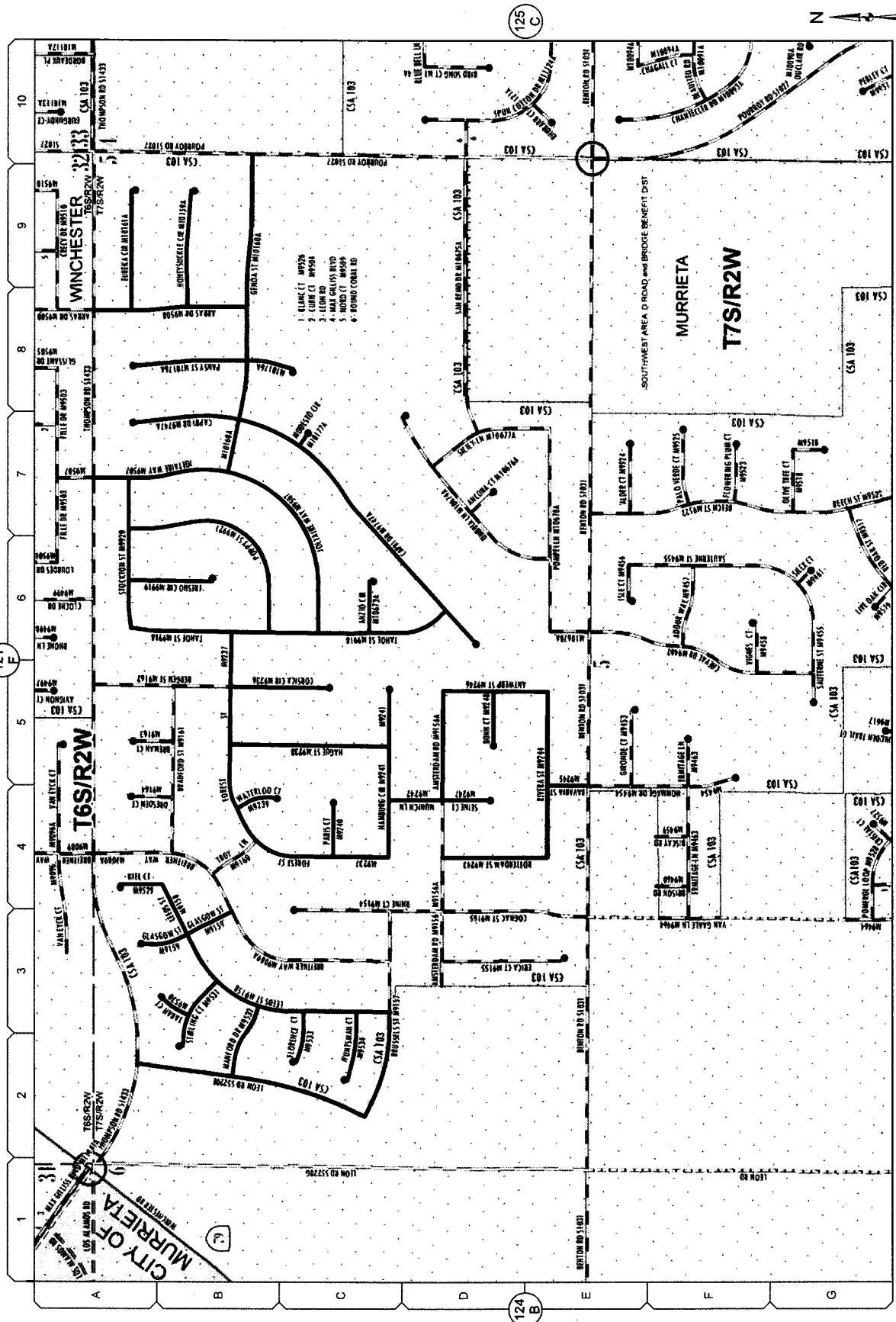
RD BK PAGE	SUPV. DIST.	MAINT. DIST.	ROAD NAME	LIMITS		Length (FT)	Width (FT)	Area (SQ YD)	WORK DESC.	
				From	To					
57	A	1	11	PINECONE LN	SCOTTSDALE RD	498' N SCOTTSDALE RD	498	44	2,435	SS1
57	A	1	11	PINECONE LN	498' N SCOTTSDALE RD	SEVEN SPRINGS WAY	2101	44	10,272	SS1
107	A	3	15	PLEDGER CIR	HOWARD DR	193' E HOWARD DR	193	29	622	SSI/CHIP
124	D	3	12	POPPY ST	TAHOE ST	STOCKTON ST	1140	36	4,560	SS1
72		1	12	PYRAMID CIR	ONTARIO WAY	364' W ONTARIO WAY	364	33	1,335	SS1
				<b>Q</b>						
103	B	3	11	QUAIL HOLLOW CIRCLE	LEON RD	370' E LEON RD	370	32	1,316	SS1
				<b>R</b>						
57	A	1	11	RAVENHURST WAY	CHICKORY DR	SCOTTSDALE RD	1933	36	7,732	SS1
124	D	3	12	RIVERA ST	ROTTERDAM ST	ANTWERP ST	833	36	3,332	SS1
72		1	12	ROCKMEN ST	WINNIPEG PL	STONEMAN ST	812	31	2,797	SS1
28		1	11	ROLLING CREEK WAY	WASHINGTON ST	GLEN HOLLOW WAY	993	36	3,972	SS1
33	B	1	11	ROLLING HILLS DR	CLAY CANYON DR	1598' NW CLAY CANYON DR	1598	36	6,392	SS1
107	A	3	15	ROSEBRUGH LN	CEDAR AVE	2029' S CEDAR AVE	2029	33	7,440	SSI/CHIP
124	D	3	12	ROTTERDAM ST	AMSTERDAM RD	RIVERA ST	511	36	2,044	SS1
				<b>S</b>						
107	A	3	15	SAAR ST	BETHLAM AVE	BARITO ST	131	36	524	SS1
72		1	12	SANDALWOOD LN	HILLVIEW LN	HILLDALE LN	845	40	3,756	SS1
57	A	1	11	SCOTTSDALE RD	HARLEY JOHN RD	2345' E HARLEY JOHN RD	2345	44	11,464	SS1
57	A	1	11	SCOTTSDALE RD	2345' E HARLEY JOHN RD	PINECONE LN	1784	44	8,722	SS1
57	A	1	11	SCOTTSDALE RD	PINECONE LN	ALDER ST	1305	44	6,380	SS1
124	D	3	12	SEINE CT	AMSTERDAM RD	263' S AMSTERDAM RD	263	36	1,052	SS1
107	A	3	15	SEINE CT	TIBER ST	560' SE TIBER ST	560	36	2,240	SS1
57	A	1	11	SEVEN SPRINGS WAY	WASHINGTON ST	STALLION CREST RD	1133	40	5,036	SS1
57	A	1	11	SEVEN SPRINGS WAY	STALLION CREST RD	1418' E STALLION CREST RD	1418	41	6,460	SS1
57	A	1	11	SEVEN SPRINGS WAY	1418' E STALLION CREST RD	2758' E STALLION CREST RD	1340	40	5,956	SSI/CHIP
57	A	1	11	SEVEN SPRINGS WAY	2758' E STALLION CREST RD	PINECONE LN	1515	36	6,060	SS1
57	A	1	11	SEVEN SPRINGS WAY	PINECONE LN	ALDER ST	1342	36	5,368	SS1
72		1	12	SHADOW TRAILS LN	HILLVIEW LN	HILLDALE LN	911	40	4,049	SS1
57	A	1	11	SHADY SIDE LN	OWL TREE RD	MARKHAM ST	958	36	3,832	SS1
28		1	11	SHADY SIDE LN	MARKHAM ST	IRONRIDGE RD	318	36	1,272	SS1
57	A	1	11	SINGINGBIRD LN	STALLION CREST RD	1014' E STALLION CREST RD	1014	36	4,056	SS1
57	A	1	11	STALLION CREST RD	HARLEY JOHN RD	SEVEN SPRINGS WAY	1514	36	6,056	SS1
124	D	3	12	STIRLING CT	LEEDS ST	424' NW LEEDS ST	424	36	1,696	SS1
124	D	3	12	STOCKTON ST	TAHOE ST	JOLTAIRE WAY	766	36	3,064	SS1
57	A	1	11	SUMMERLEAF LN	SCOTTSDALE RD	649' S SCOTTSDALE RD	649	36	2,596	SS1
57	A	1	11	SUNSET KNOLL DR	ALDER ST	SCOTTSDALE RD	1657	36	6,628	SS1
57	A	1	11	SWALLOWTAIL LN	SEVEN SPRINGS WAY	581' S SEVEN SPRINGS WAY	581	36	2,324	SS1
				<b>T</b>						
124	D	3	12	TAHOE ST	STOCKTON ST	1110' S STOCKTON ST	1110	36	4,440	SS1
124	D	3	12	TAHOE ST	1110' S STOCKTON ST	CAPRI DR	552	32	1,963	SS1
57	A	1	11	TAMMERLANE WAY	OWL TREE LN	691' N OWL TREE LN	691	32	2,457	SSI/CHIP
124	D	3	12	TARAH CT	STIRLING CT	184' N STIRLING CT	184	36	736	SS1
107	A	3	15	TIBER ST	FAIRVIEW AVE	BARITO ST	1565	36	6,260	SS1
107	A	3	15	TIGRIS LN	TIBER ST	FAIRVIEW AVE	644	36	2,576	SS1
28		1	11	TIMBERVIEW DR	IRONRIDGE RD	1535' E IRONRIDGE RD	1535	36	6,140	SS1
72		1	12	TURTLE DOVE DR	GRAND AVE	1317' NE GRAND AVE	1317	32	4,683	SS1
57	A	1	11	TWYLA JANE LN	WYLER RD	1174' W WYLER RD	1174	18	2,348	SS1
				<b>W</b>						
124	D	3	12	WATERLOO CT	FOREST ST	236' S FOREST ST	236	36	944	SS1
107	A	3	15	WENDELL DR	ROSEBRUGH LN	CEDAR AVE	1868	33	6,849	SSI/CHIP
72		1	12	WINNIPEG PL	OKEECHOBEE LN	1060' S OKEECHOBEE LN	1060	37	4,358	SS1
28		1	11	WINTERS LN	MOCKINGBIRD CANYON RD	1042' W MOCKINGBIRD CANYON RD	1042	31	3,589	SS1
57	A	1	11	WOOD EDGE LN	MARKHAM ST	1019' S MARKHAM ST	1019	32	3,623	SS1
28		1	11	WOOD SONG CT	396' W LARKWOOD ST	393' E LARKWOOD ST	789	28	2,455	SS1
33	B	1	11	WOODVIEW DR	CLAY CANYON DR	BRIARWOOD DR	515	36	2,060	SS1
57	A	1	11	WYLER RD	COWAN RD	2898' N COWAN RD	2898	36	11,592	SSI/CHIP
57	A	1	11	WYLER RD	TWYLA JANE LN / W	RAVENHURST WAY	363	40	1,613	SS1

COUNTY OF RIVERSIDE  
TRANSPORTATION DEPARTMENT

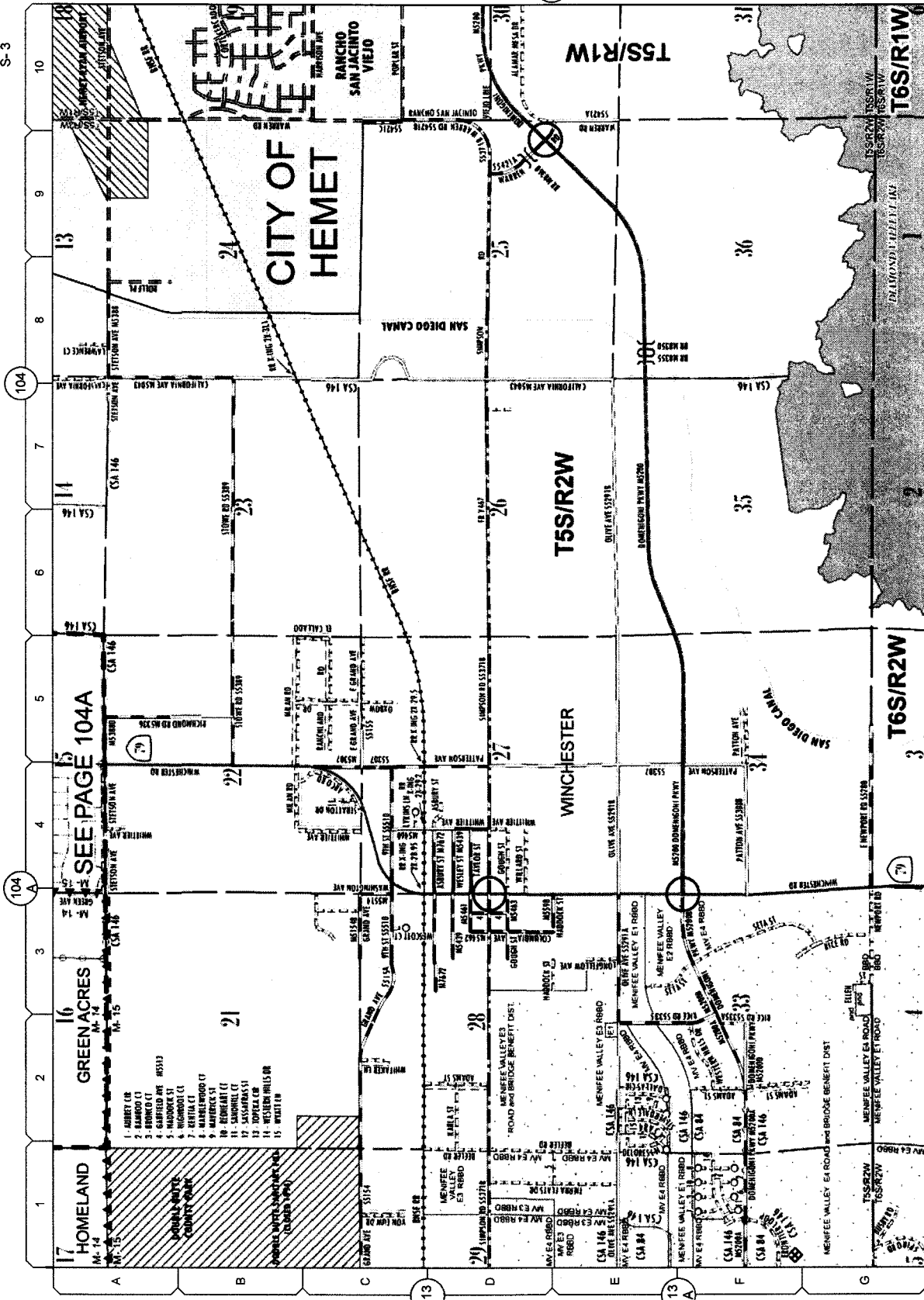
SLURRY SEAL PROJECT  
SUPERVISOR DISTRICT 1 - C4-0006  
SUPERVISOR DISTRICT 3 - C4-0008



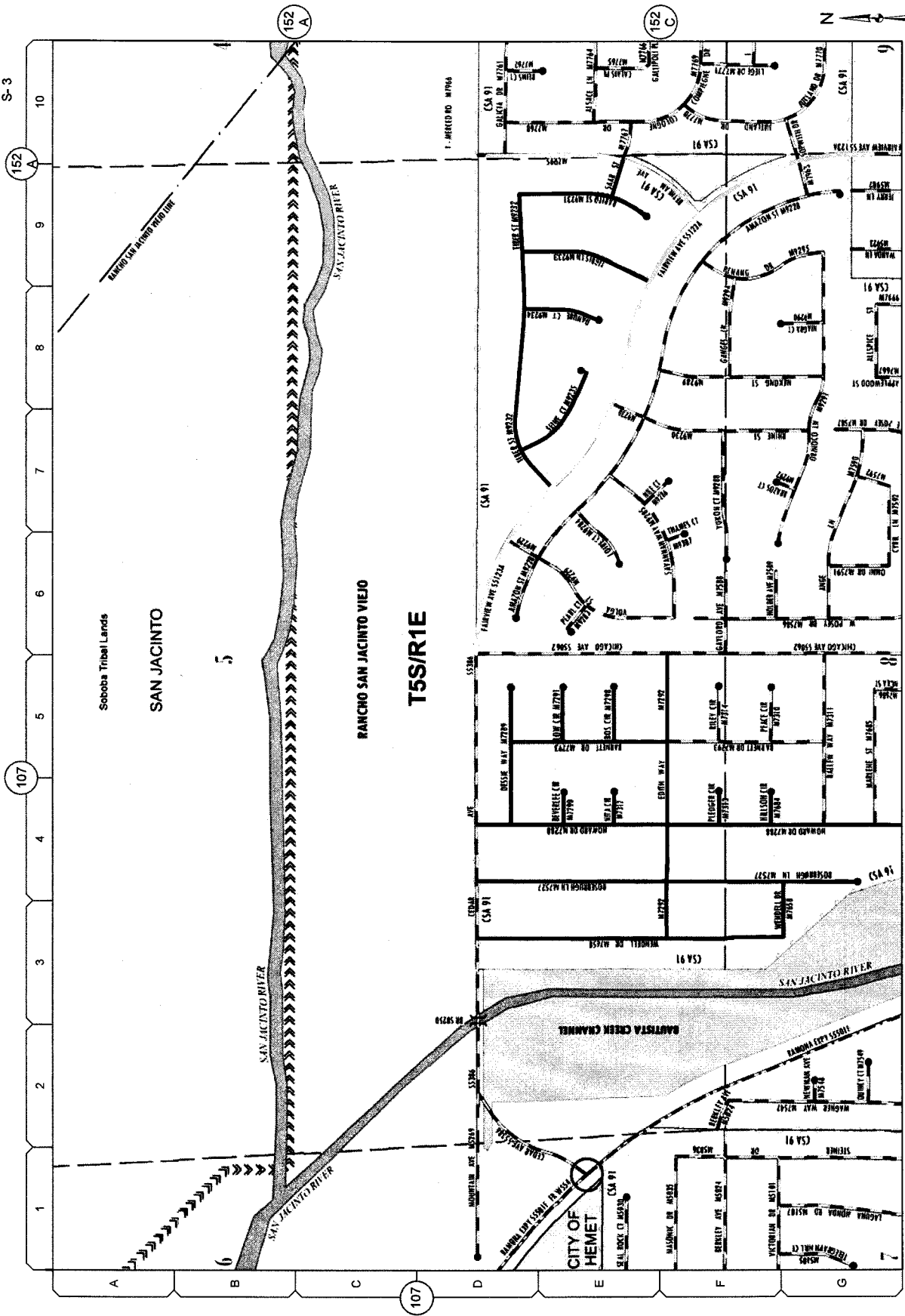
VICINITY MAP



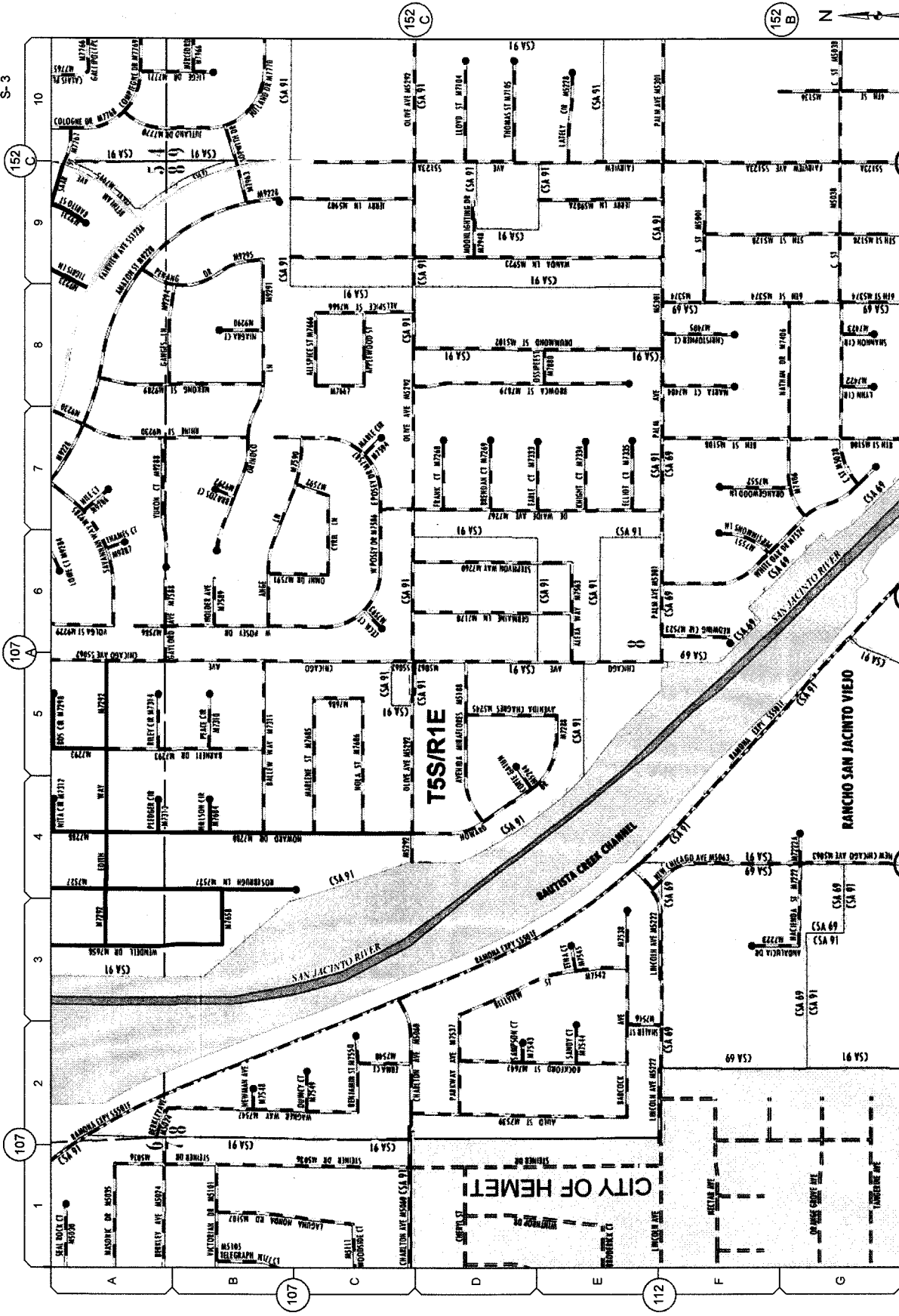




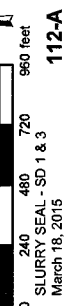
- Proposed TIP Projects**
- Slurry Seal Projects**
- Slurry Seal Type I
  - Slurry Seal Type II
  - Slurry Seal I / Chip Seal
  - Slurry Seal II / Chip Seal
  - Rubberized Chip Seal



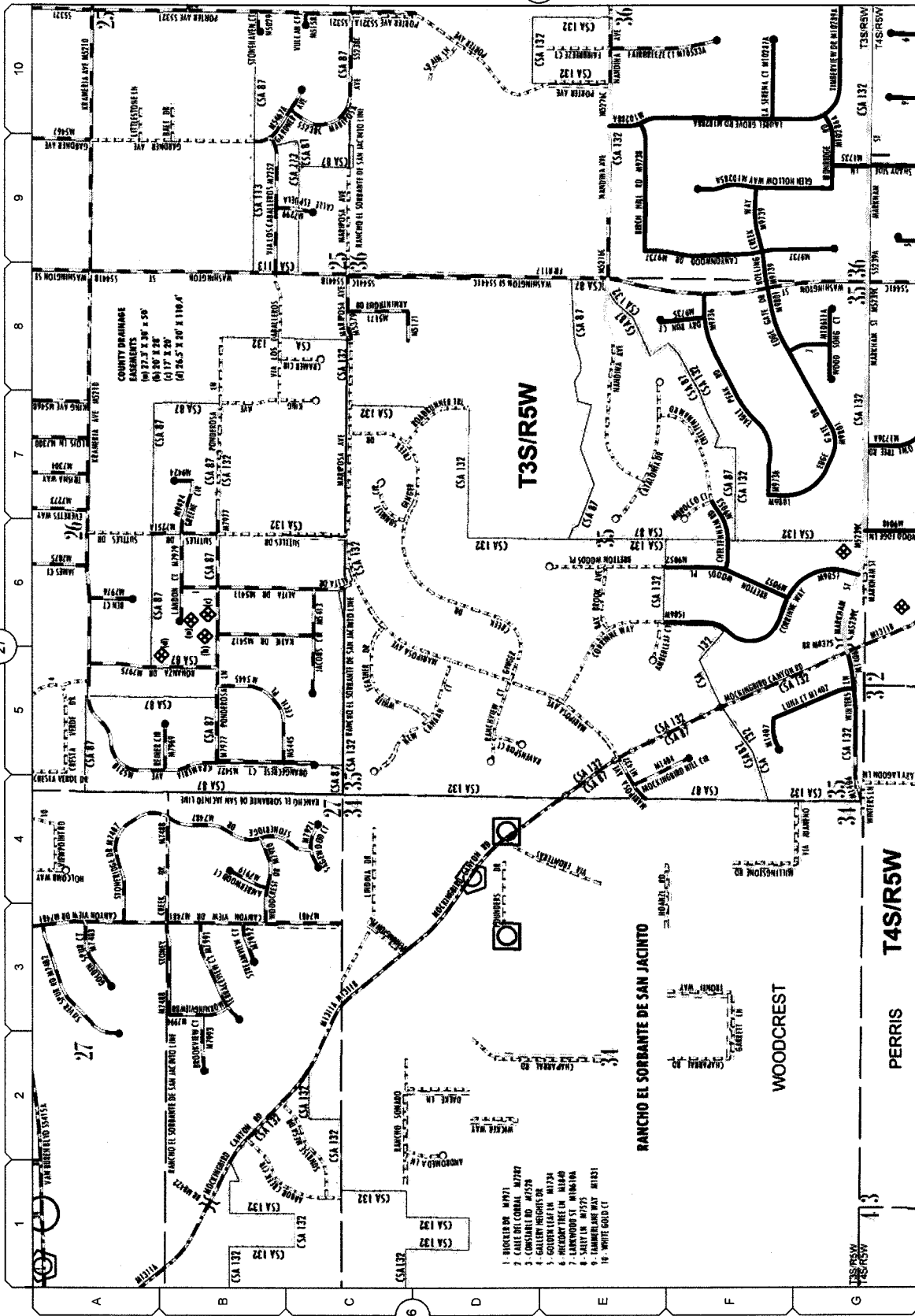
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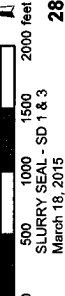


SLURRY SEAL - SD 1 & 3  
March 18, 2015



Proposed TIP Projects	
<b>Slurry Seal Projects</b>	
	Slurry Seal Type I
	Slurry Seal Type II
	Slurry Seal I / Chip Seal
	Slurry Seal II / Chip Seal
	Rubberized Chip Seal

- 1- BUCKLER DR. M7271
- 2- CALLE DEL CORRAL. M7282
- 3- CONSUELO RD. M7328
- 4- GALLERY HIGHWAY DR.
- 5- GOURMET LEAZ LN. M7324
- 6- HICKORY TREE LN. M7340
- 7- LAUREL LN. M7325
- 8- SUTHERLAND WAY. M7331
- 9- TAMERLANE WAY. M7331
- 10- WHITE GOLD CT.

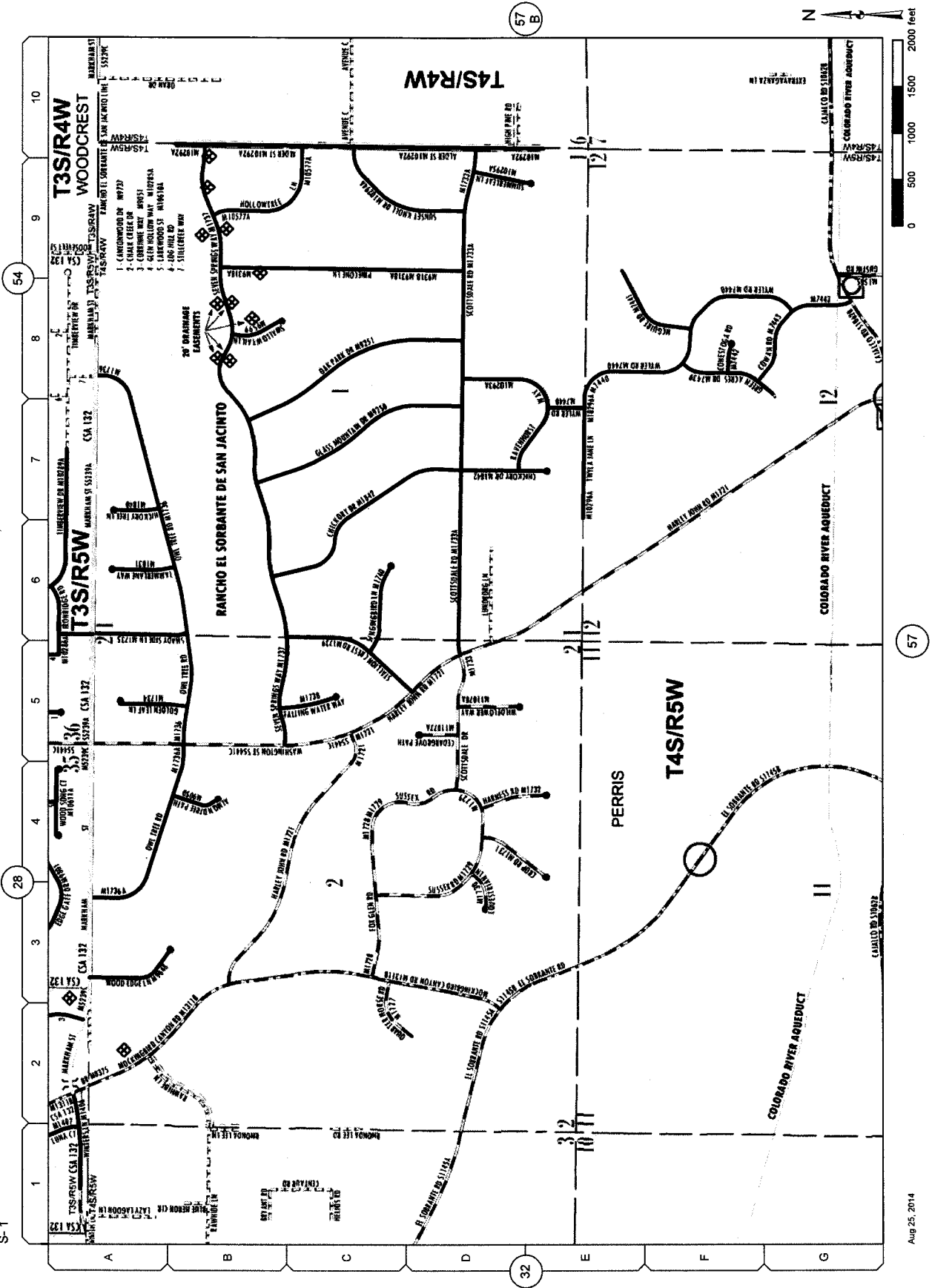


SLURRY SEAL - SD 1 & 3  
March 18, 2015

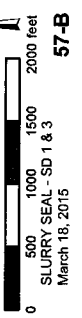
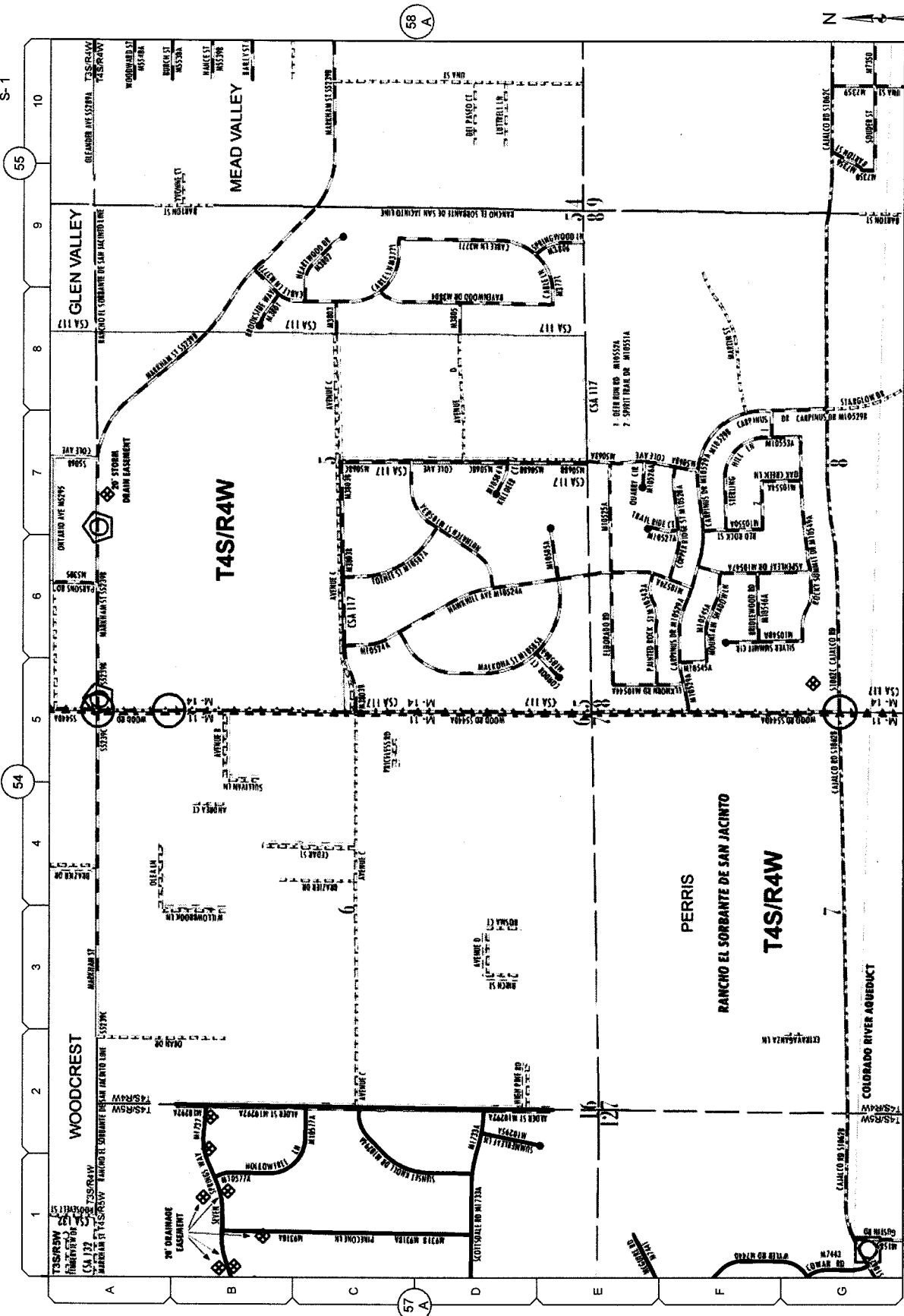
57 A

32

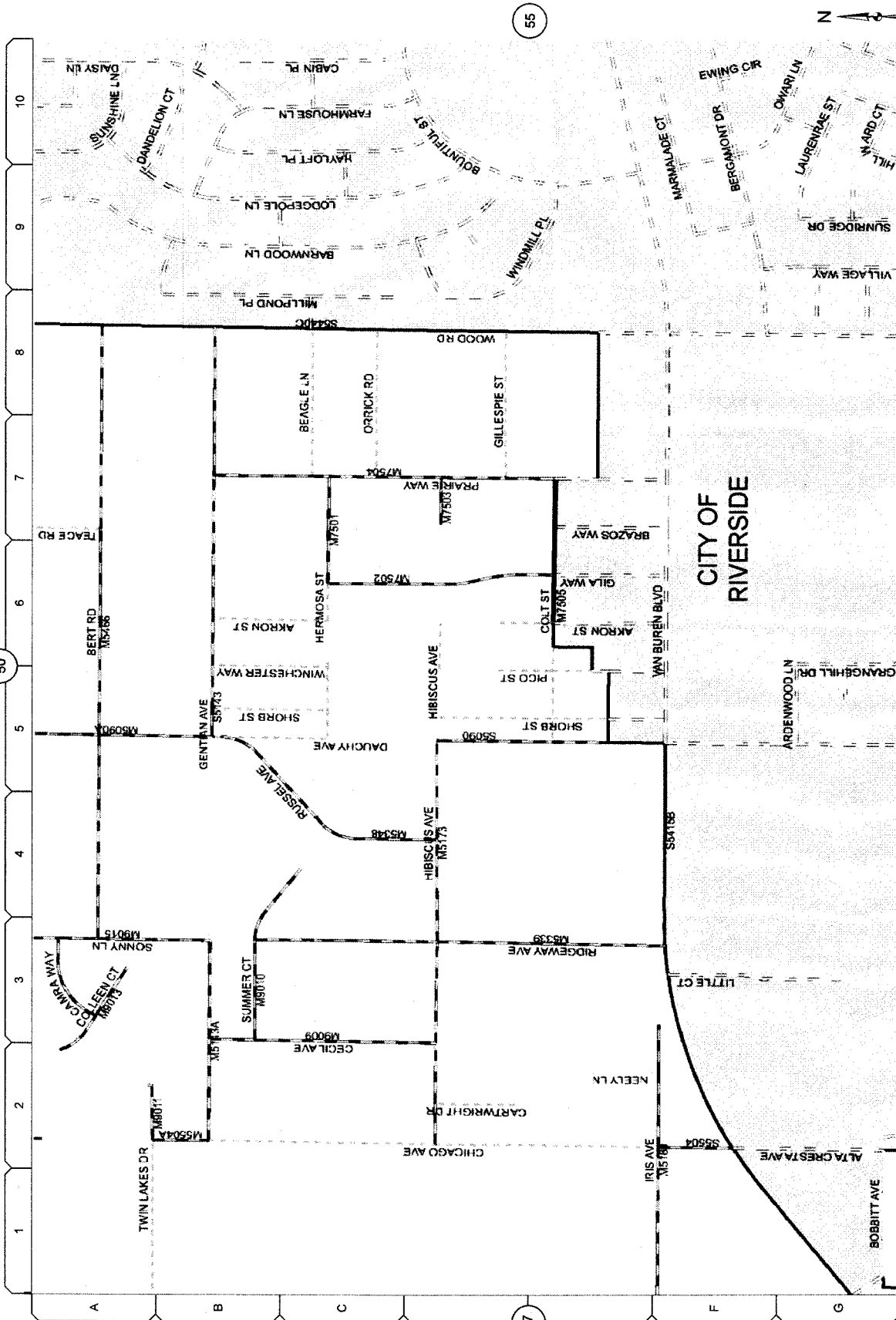
Aug 25, 2014



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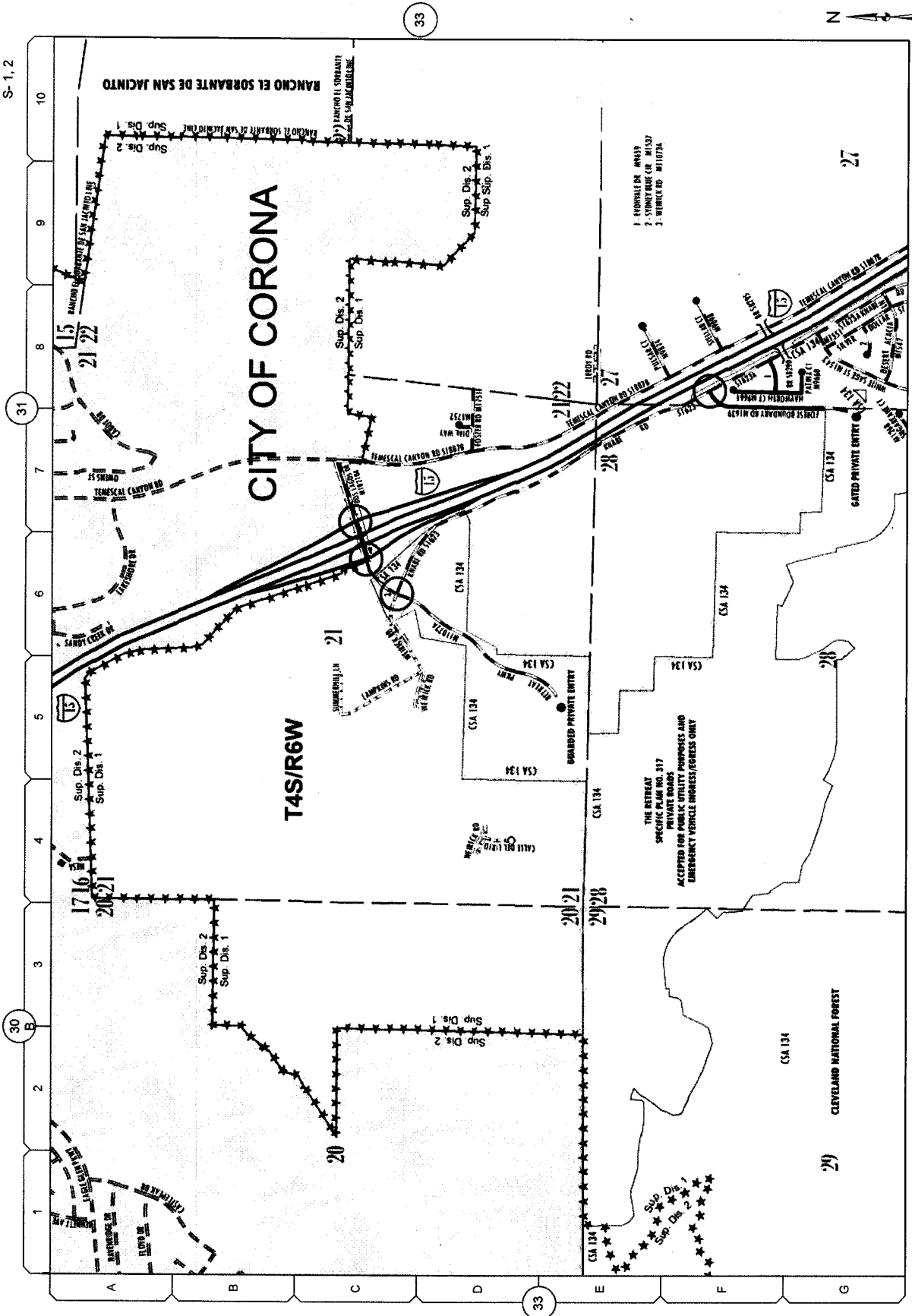
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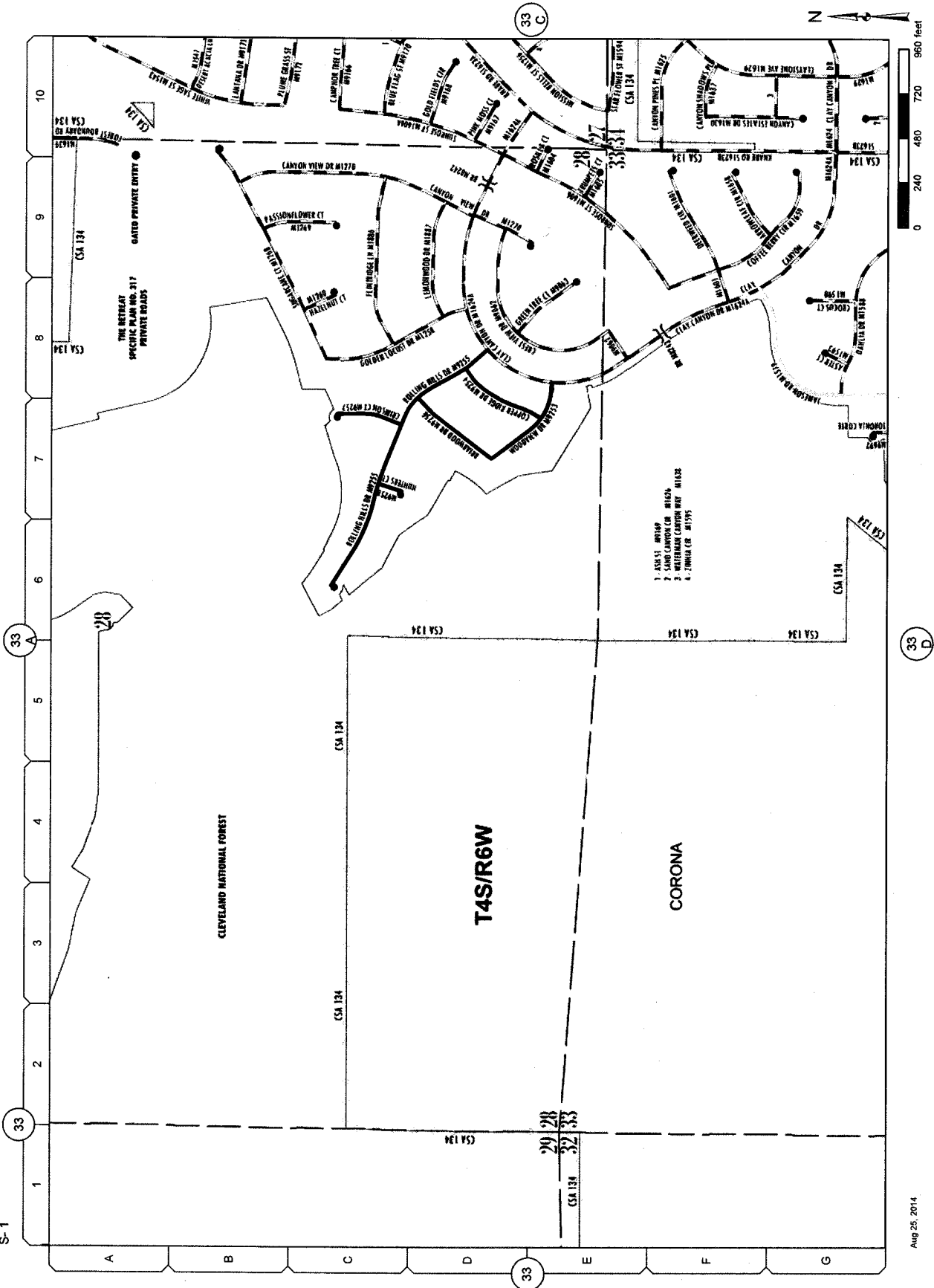




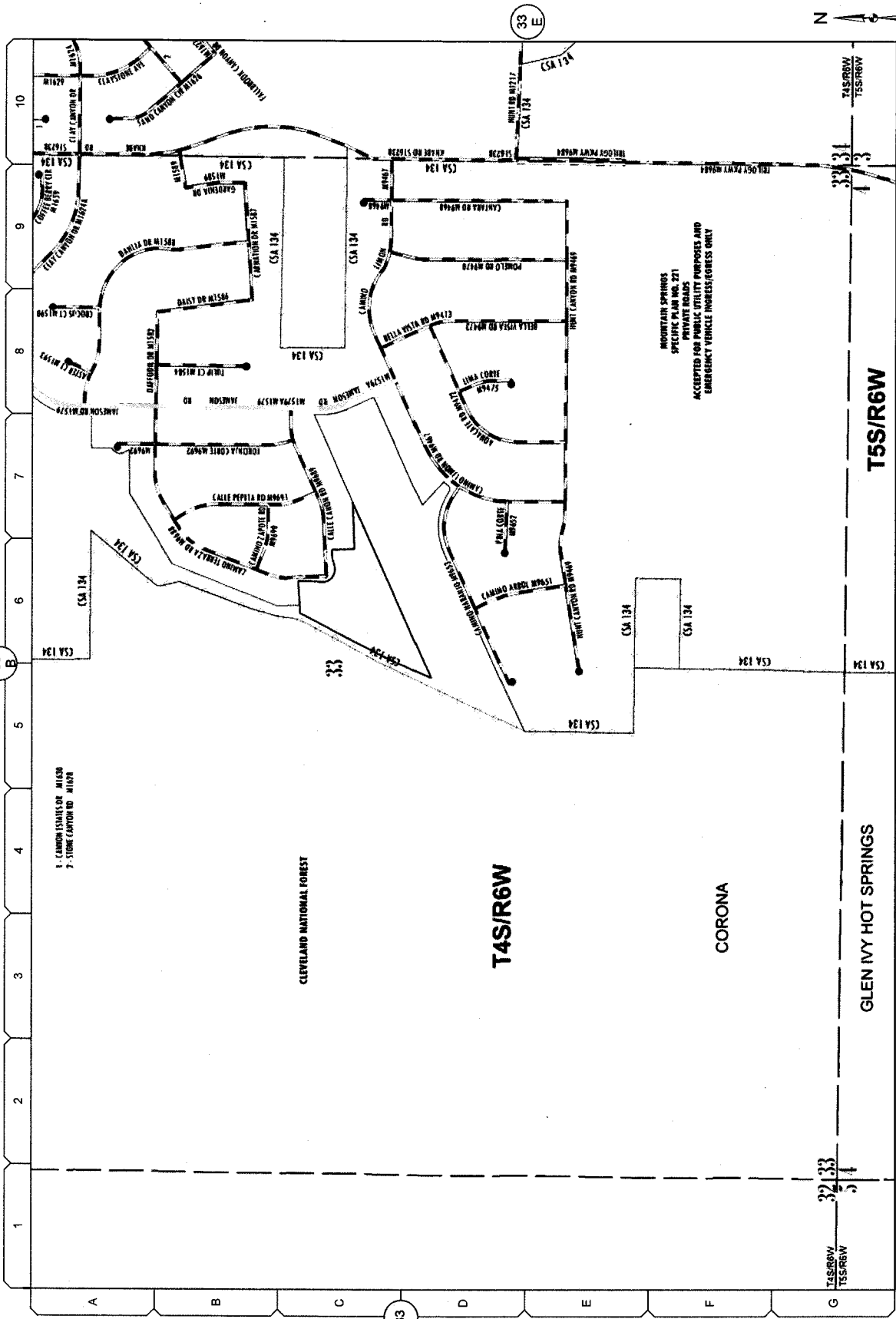
**Proposed TIP Projects**

**Slurry Seal Projects**

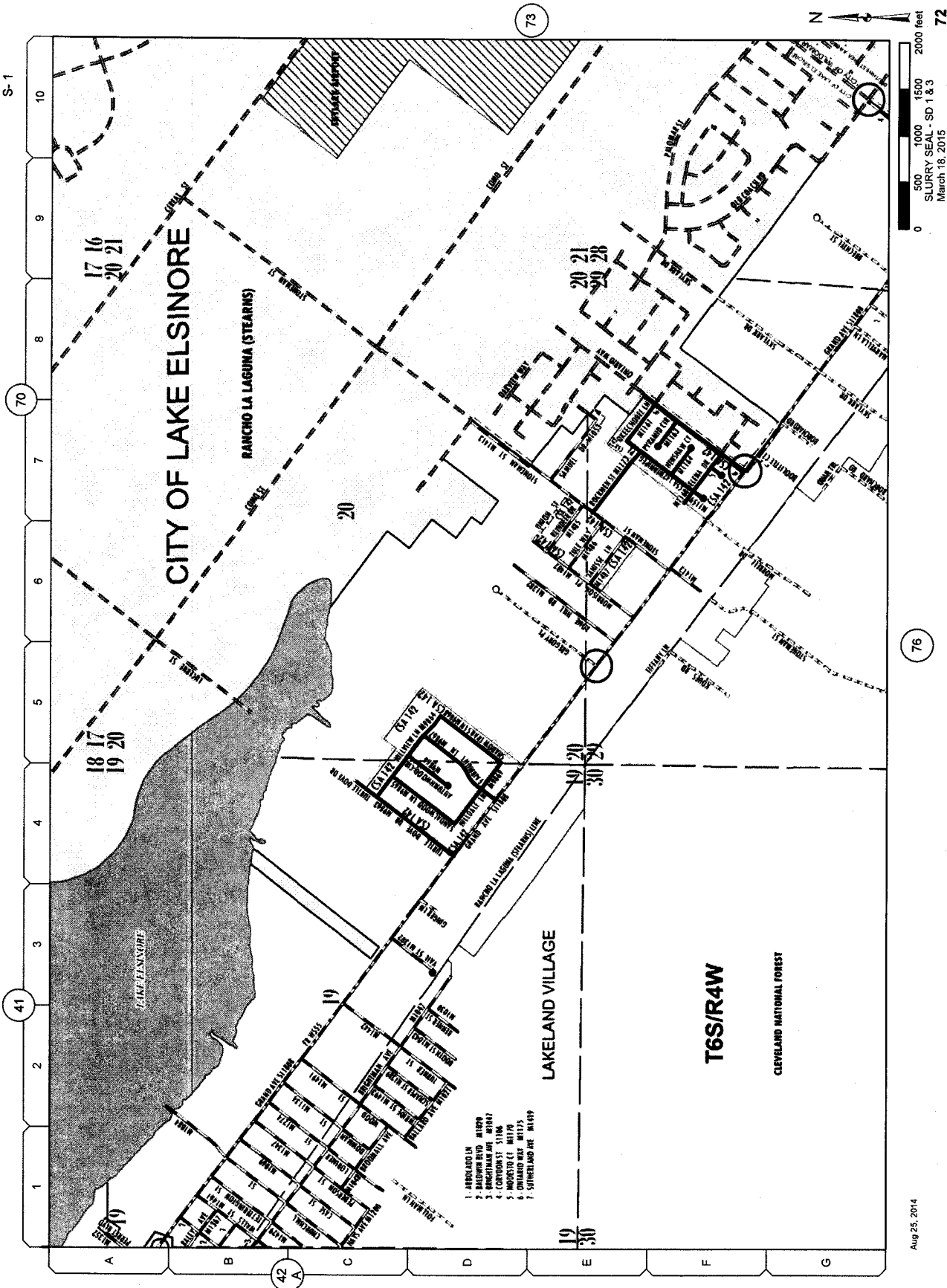
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Clerk of the Board

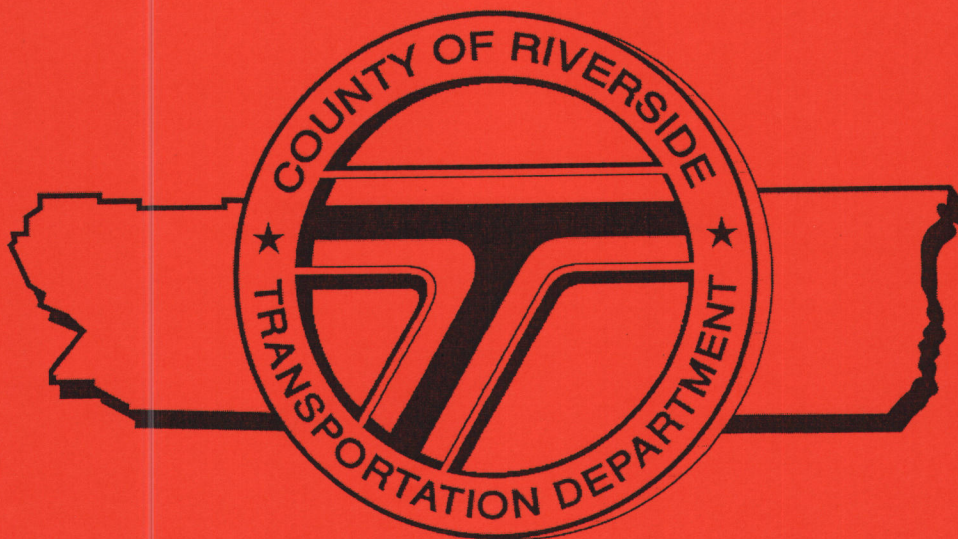
# **SPECIFICATIONS and CONTRACT DOCUMENTS**

## **for the CONSTRUCTION of**

**Slurry Seal Project**

**District 1  
Project No. C4-0006**

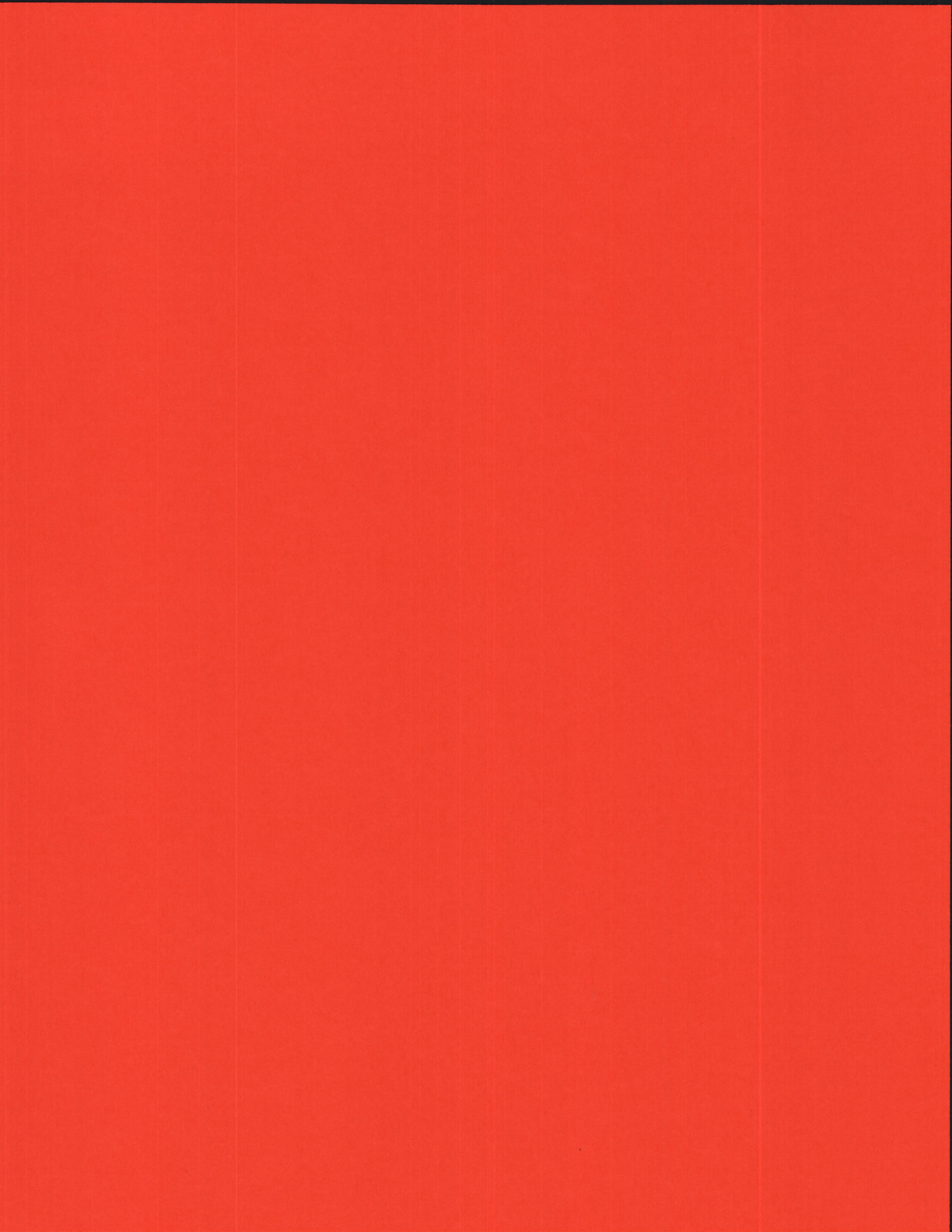
**District 3  
Project No. C4-0008**



### **TRANSPORTATION DEPARTMENT**

JUN 16 2015 3-57 P/S

FORM APPROVED COUNTY COUNSEL  
BY: Marshall Victor 6/4/15  
MARSHAL VICTOR DATE



## General

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\* **Note:** See the first page of this document description for a detailed Table of Contents.

## General

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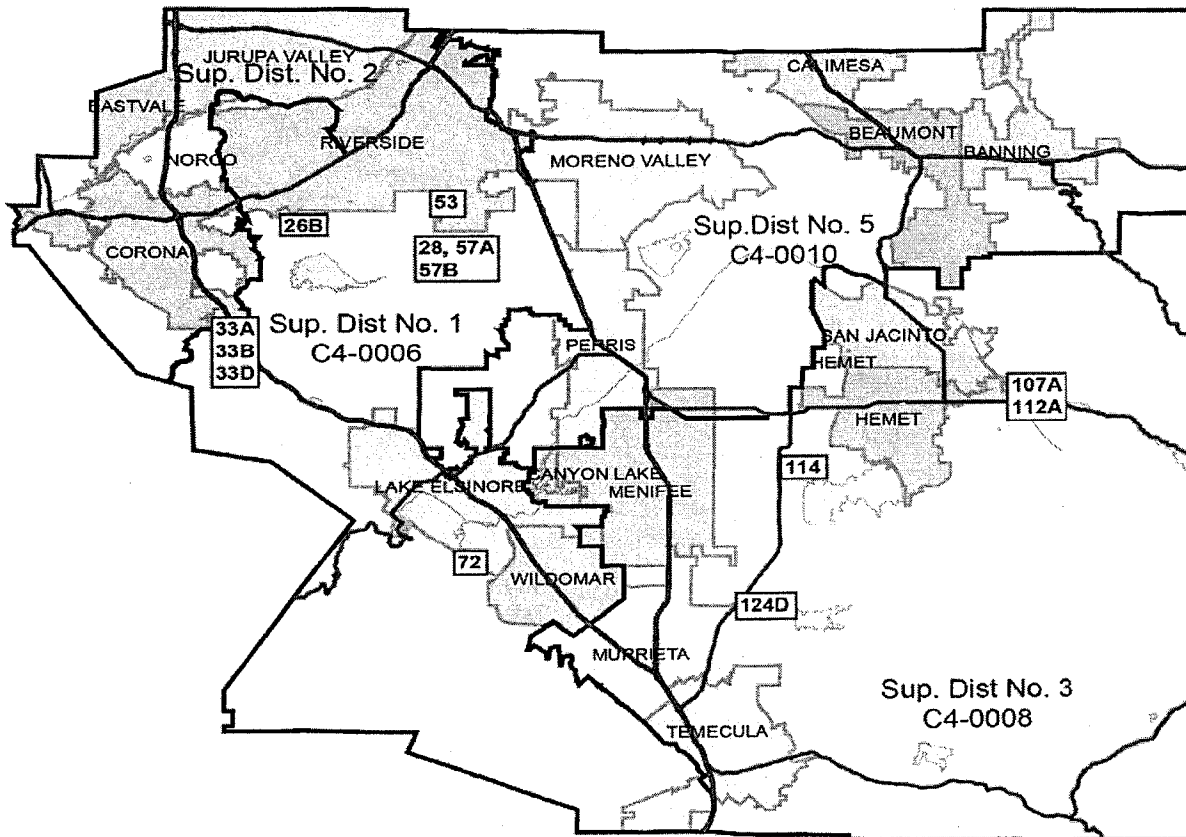
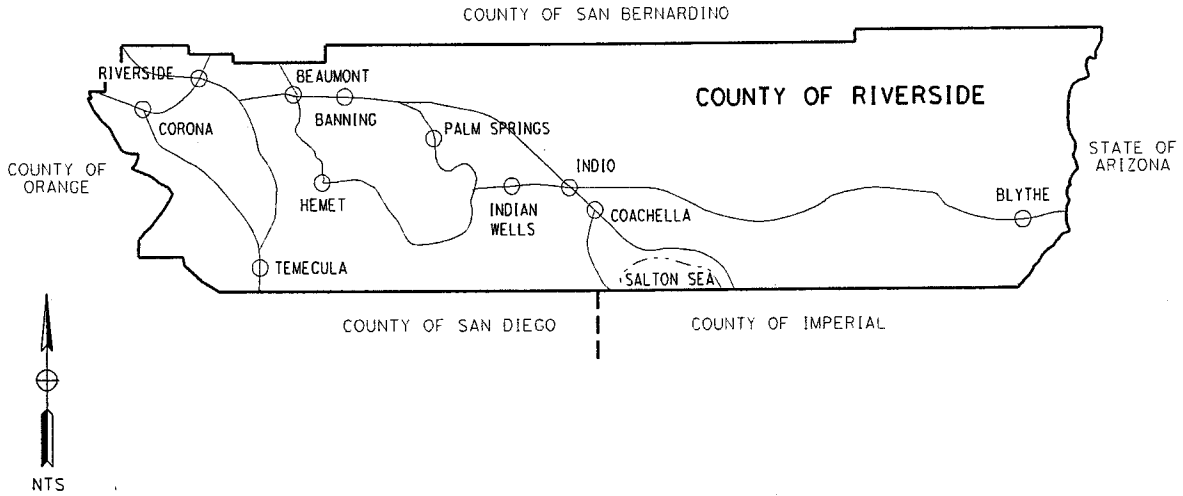
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\* **Note:** See the first page of this document description for a detailed Table of Contents.



COUNTY OF RIVERSIDE  
TRANSPORTATION DEPARTMENT

SLURRY SEAL PROJECT  
SUPERVISOR DISTRICT 1 - C4-0006  
SUPERVISOR DISTRICT 3 - C4-0008



VICINITY MAP

**Specifications and Contract Documents**

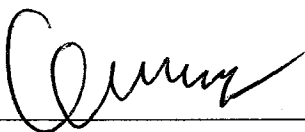
for the construction of  
**Slurry Seal Project**

**District 1**  
**Project No. C4-0006**

**District 3**  
**Project No. C4-0008**

**Contract Approval(s)**

**Approval:**



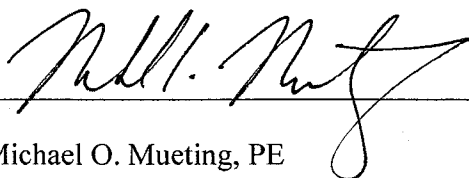
Khalid Nasim, PE  
Engineering Division Manager

5/6/15

Date

**Engineering Certification(s)**

These specifications, special provisions, and estimates have been prepared by or under the direction of the following Registered Civil Engineer(s):



Michael O. Mueting, PE

5-6-15

Date



# Specifications and Contract Documents

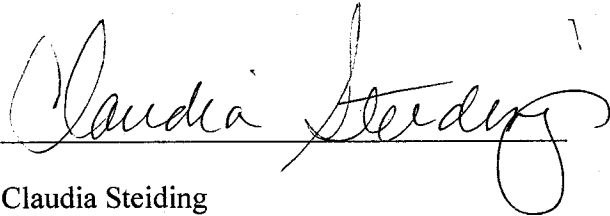
for the construction of  
Slurry Seal Project

District 1  
Project No. C4-0006

District 3  
Project No. C4-0008

## Water Pollution Control – Specifications and Special Provisions

Reviewed and Recommended by:



Claudia Steiding  
Senior Transportation Planner/NPDES  
Coordinator

4/29/15  
Date

## Notice to Bidders

County of Riverside, herein called Owner, invites sealed proposals for:

### Slurry Seal Project

**District 1**  
**Project No. C4-0006**

**District 3**  
**Project No. C4-0008**

Bid shall be delivered to the County of Riverside Transportation Department, 14<sup>th</sup> Street Annex, 3525 14<sup>th</sup> Street, Riverside, California 92501, telephone (951) 955-6780 not later than 2:00 p.m., on Wednesday, **July 8, 2015** to be promptly opened in public at said address. Each bid shall be in accordance with plans, specifications and other contract documents, dated **April 2015**, and prepared by County of Riverside, whose address is same as the above, from whom they may be obtained upon deposit of **\$30.00** per set with 11"x17" plans, plus mailing costs. No refund. Prospective bidders may preview the plans, specifications and other contract documents at no charge prior to purchase at the above noted location.

Pursuant to Labor Code section 1771.1, any Contractor bidding, or subcontractor to be listed on a bid proposal subject to Public Contract Code section 4104, shall not be qualified to bid after March 1, 2015, unless currently registered and qualified to perform public works pursuant to Labor Code section 1725.5. No Contractor or subcontractor may be awarded a contract or perform work on any contract for public work, after April 1, 2015, without proof of current registration with the Department of Industrial Relations pursuant to Labor Code section 1725.5 to perform public works.

The Contractor is required to have a Class "A" or "C-12" or "C-32" license at the time of bid submission.

Engineering Estimate:	\$ 1,250,000 - \$ 1,460,000	(Base Bid)
	\$ 800,000 - \$ 972,000	(Alternate Bid 1A)
	\$ 872,000 - \$ 1,000,000	(Alternate Bid 1B)
	\$ 30,600 - \$ 35,700	(Alternate Bid 2)
Bid Bond	10 %	
Performance Bond	100 %	
Payment Bond	100 %	
Working Days	45 Working Days	
Website:	<a href="http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids">http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids</a>	

## Instructions to Bidders

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## Instructions to Bidders

The Bidder's attention is directed to the provisions in Section 2, "Proposal Requirements and Conditions" of the Standard Specifications and Contract Documents, including the Plans and the Special Provisions, for the requirements and conditions which the bidder must observe in the preparation of and the submission of the Bid.

In compliance with the Americans with Disabilities Act, persons with disabilities may request reasonable accommodations (including auxiliary aids and services at no cost) to participate in the pre-bid meeting (if scheduled and as designated in the Notice to Bidders) or bid opening meeting (as scheduled in the Notice to Bidders) by contacting Contracts/Bidding Unit at 951-955-6780 or [jrjimenez@rcctlma.org](mailto:jrjimenez@rcctlma.org) at least 3 business days before the scheduled event.

To accommodate persons with disabilities, this Bid Book is available in alternate formats upon request.

### 1. Inspection of Site

Bidders must examine the site and acquaint themselves with all conditions affecting the work. By making and submitting a bid, a Bidder warrants that he has made such site examination as the Bidder deems necessary for the condition of the site, its accessibility for materials, workmen and utilities, and for the ability to protect existing surface and subsurface improvements. No claim for allowances, time or money, will be allowed as to such matters.

### 2. Bidder's Bid Form

The Bid must be made on the Bid forms, which are included in the Contract Documents, and must be completely filled in, dated and signed. Signature(s) provided by the Bidder must be from an authorized officer or agent (see Bidder Data and Signature sheets).

If provision is made for alternate bid schedule(s), all bid schedules must be bid, unless otherwise instructed in the Special Provisions.

The Bid form is bound together with the Contract.

All Bid forms shall be obtained from the Riverside County Transportation Department, 3525 14<sup>th</sup> Street, Riverside, California 92501.

3. Bid Bond

All bidders are required to use the bond form found in the Bid Book's "B" pages; the form is titled "Bid Bond".

The Bid must be accompanied by a 10% Bid Bond using the form provided in the Bid Book, or a certified check, or cashier's check payable to the order of "County of Riverside", in an amount not less than 10% of the bid amount, inclusive of alternate bid schedule(s). Submitted Bid Bond form must be completely filled in, sealed, dated and signed. Signatures on the Bid Bond must be notarized. Bond shall be provided with an executed Power of Attorney issued by the surety.

4. Non-Collusion Declaration

In conformance with Public Contract Code §7106, a Non-Collusion Declaration is included in the Bid. Bidder Declaration must be submitted using the form provided in the Bid Book and it must be completely filled in, dated and signed. Signatures on the Non-Collusion Declaration must be notarized.

5. Iran Contracting Act, Certification or Exemption

The Department of General Services has published a list of companies who are prohibited from contracting with public entities in California as required by Public Contract Code §2200 through §2208.

The Iran Contracting Act Certification/Exemption form is included in the Bid Book. For projects estimated or Bid, in the amount of \$1,000,000 or more, Bidder must completely fill in, date, sign and submit this form with the Bid documents.

6. Interpretation of Documents

Discrepancies, omissions, ambiguities, requirements likely to cause disputes between trades and similar matters must be promptly brought to the attention of the County in writing. When appropriate, addenda will be issued by the County.

If the Bidder requires clarification or interpretation of the bidding Contract Documents, the Bidder must make a written request to the County by a Request for Information (RFI). All RFIs must be submitted in writing between the hours of 8:00 a.m. and 5:00 p.m., Monday through Thursday (except holidays), up to, including and no later than the fifth (5<sup>th</sup>) business day prior to the bid closing deadline, by hand delivery, mail, fax or electronic mail. The County will not respond to RFIs submitted after that time, unless the County determines at its sole discretion that it is in the best interest of the public and the County to do so. RFIs should be addressed and sent to:

County of Riverside  
Transportation Department  
Attention: Contracts/Bidding Unit  
3525 14<sup>th</sup> Street  
Riverside, CA 92501

Facsimile: (951) 955-3164  
Electronic mail: jrjimenez@rctlma.org

Any communication by anyone as to RFIs and other project document inquiries, except by Addenda, does not affect the meaning or requirements of the Contract Documents.

7. Quantities

The amount of work to be done and/or materials to be furnished under the Contract, as shown in the Bid, are merely estimates and are not to be taken as an expressed or implied statement that the actual amount of work or materials will correspond to the estimate.

County reserves the right to increase, decrease or entirely eliminate any items from the work and/or materials to be furnished.

Bidders are cautioned against the unbalancing of their bid by prorating project overhead costs only into one, two, or few items when there are various items listed in the bid schedule(s).

The quantities mentioned in Standard Specifications Section 2-1.02, "Approximate Estimate" will be found in the Bid form.

8. Addenda

County reserves the right to issue Addenda to the Contract Documents at any time prior to the scheduled bid opening date and time. Each potential Bidder must provide the County his company name, contact name, phone number, facsimile number, electronic mail address and company address for the purpose of receiving Addenda.

To be considered responsive, the Bid must list and take into account all issued Addenda.

In addition to listing the acknowledged addenda (if any) on the Bid, Bidders should submit each addendum's acknowledgement signature page and attach each one to the Bid. Attaching all addenda pages and attachments (if any) to the Bid submittal is not necessary for Bid submittal. All Addenda is a component of the Contract Documents.



9. License

To be considered for award of the Contract, a Bidder must have the necessary license(s) required under provisions of the California Business and Professions Code for the scope of work covered in the Contract Documents at the time of bid submission. This includes Joint Ventures.

Each item of work will be performed by a Contractor that is qualified and properly licensed for that work.

Pursuant to California Labor Code §3099, certification is required for all persons who perform work as electricians for Contractors licensed as Class C10 "Electrical Contractor". Proof of certification must be provided to the County before the start of construction.

10. Contract Participation

County encourages general and prime Contractors to solicit competitive subcontracting, trucking and supplier opportunities to minority, women, disabled veteran, and small business firms where possible, in their contracting and procurement activities with the County.

11. Subletting, Subcontracting, and Subcontractor List

General

Attention is directed to General Conditions Section 11, "Subcontracting".

Pursuant to Public Contract Code § 4100 et seq., "Subletting and Subcontracting Fair Practices Act", Bidders are required to list each subcontractor who will perform work, provide labor, or render services in or about the construction of work or improvement or a subcontractor who specifically fabricates and installs a portion of the work or improvement according to the details contained in the Plans and Specifications. The Subletting and Subcontracting Fair Practice Act applies to all phases of the work.

Subcontractor List

As required by Standards Specification Section 2-1.054, "Required Listing of Proposed Subcontractors", the Bidder must submit a Subcontractor List. Subcontractor List must be on the form contained in the Bid Book.

Bidder must list each subcontractor to perform work, labor or render service in or about the construction in an amount in excess of 1/2 of 1 percent of the total bid or \$10,000, whichever is greater (Pub Cont Code § 4100 et seq.).

Pursuant to Public Contract Code § 6109 et seq., the Contractor shall not perform work on a project with a subcontractor who is ineligible to perform work on the project pursuant to Labor Code § 1777.1 or 1777.7.

The Subcontractor List must show the name, address, license number and work portions to be performed by each subcontractor listed. Work portions must be identified by bid item number and description for each subcontractor listed. An inadvertent error in listing the license number will be processed as required by Public Contract Code § 4104 (a) (2). If partial work is to be performed within a certain construction item or trade, the Bidder/Contractor shall specify the portions of the work to be performed by the different subcontractors or the directive under Public Contract Code § 4106 shall apply.

Each designated item of work will be performed by a Contractor which is qualified and properly licensed for that listed work.

Omission or failure to list a subcontractor for a portion of the work means that the prime Contractor will do that portion of the work (Public Contract Code § 4106).

The County may request additional information to verify submitted Subcontractor List information and percentage amounts. Bidder must provide this information within three (3) business days after the bid opening date.

#### Penalties

The Bidder's attention is directed to other provisions of the Subletting and Subcontracting Fair Practices Act related to the imposition of penalties for failure to observe its provisions by utilizing unauthorized subcontractors or by making unauthorized substitutions.

#### Clerical error

After the Bid Opening, inadvertent subcontractor designation clerical error(s) will be processed as required by Public Contract Code § 4107.5 and as required by §1771.1 (c) for subcontractors who are not registered with the DIR.

### 12. Registration with the Department of Industrial Relations (DIR)

Attention is directed to:

- Notice to Bidder's regarding Labor Code requirements.
- General Conditions Section 8, "Labor Code"

No Contractor may submit a bid nor a subcontractor be listed on a bid (submitted on or after March 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code § 1725.5 or excepted from this requirement for bid purposes only under Labor Code § 1771.1(a).

No Contractor or subcontractor may be awarded a Contract (awarded on or after April 1, 2015) or perform work on any contract for public work unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.

This project is subject to compliance monitoring and enforcement by the DIR.

13. Hours of Work

Attention is directed to Section 8-1.06, "Time of Completion" and Section 7-1.01A (1), "Hours of Labor" of the Standard Specifications.

Daily working hours will be between the hours of **7:00 a.m. and 6:00 p.m.**, Monday through Friday, except legal holidays, or as revised in the Special Provisions, and as approved by the Engineer. Exceptions and specific work schedules must be submitted in writing to the Engineer for consideration.

14. Alternate Bid Schedules

If the Bid includes bid items listed under a Base Bid Schedule and one or more Alternate Bid Schedules, the following will apply:

The County may award only the items of work listed on the Base Bid Schedule, or may choose to award some or all of the Alternate Bid Schedules in addition to the Base Bid Schedule. Unless otherwise specified, the basis of the selection of the lowest bid will be the lowest responsive and responsible bid for the sum of all Bid Schedules.

If the Bid includes bid items listed under two or more Alternate Bid Schedules with no Base Bid Schedule, the following will apply:

This project contains Alternate Bid Schedules that may or may not be mutually exclusive, as described elsewhere in the bid documents. The County may award the items of work listed on one or more of the Alternate Bid Schedules. In the case of mutually exclusive Alternate Bid Schedules, only one of the Alternate Bid Schedules will be selected for award. Unless otherwise specified, the basis of the selection of the lowest bid will be the lowest responsive and responsible bid for the sum of all Bid Schedules.

The County reserves the right to reject all bids received.

15. Bids

No Bidder may withdraw their bid for a period of ninety (90) calendar days after the bid opening.

Bids are required for the entire work, including all alternate bid schedules, if applicable, unless otherwise explicitly allowed in the bid documents. The amount of the bid, for comparison purposes, will be the total of all items. The total of unit basis items will be determined by extension of the item price bid on the basis of the estimated quantity set forth for the item.

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

In the case of a discrepancy between the unit price and the total set forth for a unit basis item, the unit price will prevail, in (1) or (2), as follows:

1. If the amount set forth as a unit price is unreadable or otherwise unclear, or is omitted, or is the same as the amount as the entry in the item "Total" column, then the amount set forth in the item "Total" column for the item shall be divided by the estimated quantity for the item and the price thus obtained will be the unit price.
2. (Decimal Errors) If the product of the entered unit price and the estimated quantity is exactly off by a factor of ten, one hundred, etc., or one-tenth, or one-hundredth, etc. from the entered total, the discrepancy will be resolved by using the entered unit price or item total, whichever most closely approximates percentage-wise the unit price or item total in the County's final estimate of cost.

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

Symbols such as commas and dollar signs will be ignored and have no mathematical significance in establishing any unit price or item total or Lump Sums. Written unit prices, item totals and Lump Sums will be interpreted according to the number of digits and, if applicable, decimal placement. Cents symbols also have no significance in establishing any unit price or item total since all figures are assumed to be expressed in dollars and/or decimal fractions of a dollar.

Bids on Lump Sum items shall be item totals only; if any unit price for a Lump Sum item is included in a bid and it differs from the item total, the items total shall prevail.

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

work. The decision of the County respecting the amount of a bid, or the existence or treatment of an irregularity in a bid, including determination of non-responsiveness, shall be final.

The County hereby reserves the right to reject any and all bids, to waive any irregularity, and to award the Contract to other than the lowest bidder.

#### 16. Like Bid Items

The Bidder is advised that the items of work may be grouped into bid schedules, and that certain bid items may be listed in more than one bid schedule, and listed with different bid item numbers, and the following will apply thereto:

The Bidder is directed to submit the same bid amount for all bid items that are listed with the same item code and item description. Said bid items are referred to herein as "Like Bid Items".

"Like Bid Items" will be considered a single bid item for purposes of calculating increased and decreased quantities, and as otherwise applicable in Section 4-1.03, "Changes" of the Standard Specifications.

The following are not subject to this bidding requirement:

1. Bid items with the same item code but different item descriptions.
2. Bid items that are measured as "Lump Sum" or "Force Account".
3. Alternate Bid Schedules.

In the event that a Bidder submits different unit bid amounts for "Like Bid Items", as described above, the bid will be corrected by applying the lowest of the unit bid amounts to all the respective "Like Bid Items".

#### 17. Contract Documents

The complete Contract Documents are identified in the Contract. Potential Bidders are cautioned that the successful Bidder incurs duties and obligations under all of the Contract Documents and that they should not merely skim and hastily review the Plans and Specifications in making their bid.

18. Submission of Bidder's Bid

A Bidder's Bid must be submitted in a sealed opaque envelope that clearly identifies the Bidder's name and the project name. Bids must be received before the scheduled date and time at the location set forth in the Notice to Bidders and may be withdrawn only as stated in the Bid. Bids must be completed in ink.

19. Qualifications of Bidders

No award will be made to any Bidder who cannot give satisfactory assurance to the Board of Supervisors as to his own ability to carry out the Contract, both from his financial standing and by reason of his previous experience as a Contractor on work of the nature contemplated in the Contract. The Bidder may be required to submit his record of work of similar nature to that proposed under these specifications and unfamiliarity with the type of work may be sufficient cause for rejection of bid.

20. Design Engineer May Not Bid On Construction Contract:

No engineering or architectural firm which has provided design services for a project shall be eligible to bid on the Contract to construct the project. The firms ineligible to bid include: the prime Contractor/Consultant for design, subcontractors of portions of the design and affiliates of either. An affiliate is a firm which is subject to the control of the same persons, through joint ownership or otherwise.

21. Award of Contract

The Bidder's attention is directed to the provisions in these Instructions to Bidders for the requirements and conditions concerning award and execution of Contract.

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

The County reserves the right to reject all bids received.

Acceptance, by the governing body of the County by resolution or minute order at a meeting regularly called and held, of a Bid constitutes an award of the Contract and the execution of the Contract is a written memorial thereof.

The County will submit the Contract Documents to the low responsive and responsible Bidder for execution prior to award utilizing the following procedures and requirements:

- A. A Bidder whose Bid is accepted must execute the formal construction Contract with the County, similar to the form attached hereto as a sample, and must return said

Contract, together with approved Performance Bond and Payment Bond and with complete evidence of insurance as required elsewhere herein, including executed additional insured endorsements and waivers of subrogation, within ten (10) business days from the date of the Notice of Acceptance of Bid and Intent to Award as issued by the Transportation Department. All submittals must meet the requirements of the bid documents. Corrections, if required, must be made and the revised documents must be resubmitted within two (2) business days of Contractor's receipt of review comments.

- B. The bonds and insurance documentation must be submitted in accordance with the Contract Document requirements prior to submission to the County of Riverside Board of Supervisors for award by the Transportation Department and prior to the performance of any work under the Contract.
- C. If a Bidder to whom a Notice of Acceptance of Bid and Intent to Award has been issued, fails or refuses to sign a construction Contract, or to furnish the bonds or insurance certificates and endorsements as required within the prescribed period of time as described above, the County may, at its sole discretion, rescind the Notice of Acceptance, and the bid guarantee submitted by that Bidder will become the property of the County as prescribed in the bid documents and as allowed by law.
- D. If it is in the best interest of the County, the County reserves the right to award the Contract prior to execution by the Contractor. Thereafter, County will mail or deliver the County signed Contract to the awarded Contractor for execution and return.

Bid Protest

Any Bidder submitting a bid to County may file a protest of the County's proposed Award of the Contract provided that each and all of the following are complied with:

1. The bid protest is in writing.
2. The bid protest is filed with and received by County of Riverside Transportation and Land Management Agency at the following address:

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

Facsimile: (951) 955-3164  
Electronic mail: [jrjimenez@rctlma.org](mailto:jrjimenez@rctlma.org)

3. The bid protest is filed with and received not more than five (5) calendar days following the date of issuance of the Notice of Intent to Award. Notice of Intent to Award letter is posted on the County of Riverside Transportation Department website along with the project bid summary. URL for this webpage is <http://rctlma.org/trans/Contractors-Corner/Bid-Summaries> . Failure to timely file and serve the bid protest as aforesated shall constitute grounds for the County's denial of the bid protest without consideration of the grounds stated therein.
4. The written bid protest sets forth, in detail, all grounds for the bid protest, including without limitation all facts, supporting documentation, legal authorities and argument in support of the grounds for the bid protest. Any grounds not set forth in the bid protest shall be deemed waived. All factual contentions must be supported by competent, admissible and credible evidence. Any bid protest not conforming to the foregoing shall be rejected as invalid.
5. Provided that a bid protest is filed in conformity with the foregoing, the Director of TLMA, or such individual(s) as may be designated by the Director in his discretion, shall review and evaluate the basis of the bid protest, and shall provide a written decision to the Bidder submitting the bid protest, either concurring with or denying the bid protest. The written decision of the Director or his designee shall be final, unless overturned by the Board of Supervisors.

## 22. Payment and Performance Bonds

The County requires a 100% Payment Bond and 100% Performance Bond from the successful Bidder. All bonds must be on County's forms contained in the Bid Book.

The bonds must be underwritten by a Surety Company, which is admitted to transact the business of insurance in the State of California, and which carries a rating in the current issue of Best's Insurance Guide of "A" or better with a financial size of at least "VIII". The bond forms included in the Bid Book must be used. All signatures on the bonds must be notarized. Bonds must be provided with an executed Power of Attorney issued by the Surety.

## 23. Return of Bid Guarantee

Bid bonds will not be returned unless specifically requested by the Bidder in writing. Any submitted negotiable securities of unsuccessful Bidders will be returned by mail within 30 days of the award of a contract to the successful Bidder. Any submitted negotiable security of the successful Bidder will be returned by mail within 30 calendar days of acceptable receipt of executed Contract, certificate of insurance, Performance Bond and Payment Bond.



24. Submission of Insurance Certificate and Endorsements

Attention is directed General Conditions Section 4 "Insurance and Hold Harmless."

Within ten (10) working days of the date of the Notice of Acceptance of Bid and Intent to Award issued by the County, the successful Contractor must submit a certificate of insurance, including required endorsements, which provides evidence that the bidding Contractor has insurance coverage that meets the requirements of General Conditions "Insurance and Hold Harmless" section. Failure to have complete insurance coverage in place and to provide all required certificates and endorsements within the specified ten (10) business day period will be grounds to declare the Bidder as non-compliant with the bid documents, rescinding the Notice of Acceptance, making a claim against the bid bond, and awarding to the second low Bidder, at the sole discretion of the County.

## Bid

Date: \_\_\_\_\_

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

Bidder: \_\_\_\_\_  
(hereafter called "Contractor")

The undersigned, Contractor, having carefully examined the site and the Contract Documents for the construction of **Slurry Seal Project for District 1, Project No. C4-0006, and District 3, Project No. C4-0008** hereby proposes to construct the work in accordance with the Contract Documents, including **Addenda Number(s)** \_\_\_\_\_ (Fill in addenda numbers if addenda have been issued.) for the amount stated in this Bid.

By submitting this Bid, Contractor agrees with County:

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

**SLURRY SEAL PROJECT  
DISTRICT 1 AND DISTRICT 3  
PROJECT No. C4-0006 AND C4-0008**

**PROPOSAL**

**BASE BID**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
1	414111	ROUT AND SEAL RANDOM CRACKS/FILL POTHOLS	LS	1		
2	150716	REMOVE TRAFFIC STRIPE, PAVEMENT MARKINGS AND PAVEMENT MARKERS	LS	1		
3	377501	SLURRY SEAL (TYPE 1)	TON	2,430		
4	377501	SLURRY SEAL (TYPE 1 OVER CHIP SEAL)	TON	520		
5	377501	SLURRY SEAL (TYPE 2)	TON	690		
6	375022	SCREENINGS (MEDIUM)	SQYD	101,000		
7	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	6,500		
8	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	183,000		
9	850102	PAVEMENT MARKER (REFLECTIVE)	EA	1,000		

BASE BID  
SUBTOTAL:  
ITEMS 1-9

\_\_\_\_\_ \$ \_\_\_\_\_  
"WORDS"

**ALTERNATE BID SCHEDULE 1A (DOMENIGONI PARKWAY)(Rubberized Chip Seal with Microsurfacing)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
10	370120	ASPHALT-RUBBER BINDER (RUBBERIZED CHIP SEAL)	TON	270		
11	375030	SCREENINGS (HOT-APPLIED)	TON	2,600		
12	380000	MICROSURFACING	TON	1,800		

ALT. BID  
SUBTOTAL:  
ITEM 10-12

\_\_\_\_\_ \$ \_\_\_\_\_  
"WORDS"

**ALTERNATE BID SCHEDULE 1B (DOMENIGONI PARKWAY)(0.12' Rubberized Hot Mix Asphalt Overlay)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
13	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	13,100		

ALT. BID  
SUBTOTAL:  
ITEM 13

\_\_\_\_\_ \$ \_\_\_\_\_  
"WORDS"

**NOTE: County may select Alternate Bid Schedule 1A or 1B for award**

**SLURRY SEAL PROJECT  
DISTRICT 1 AND DISTRICT 3  
PROJECT No. C4-0006 AND C4-00008**

**PROPOSAL (CONTINUED)**

**ALTERNATE BID SCHEDULE 2 (CRESTMORE MANOR PARKING)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
14	414111	ROUT AND SEAL RANDOM CRACKS	LS	1		
15	374002	ASPHALTIC EMULSION (FOG SEAL COAT)	SQYD	10,300		
16	190101	ROADWAY EXCAVATION	CY	40		
17	390130	HOT MIX ASPHALT	TON	60		
18	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	200		
19	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	900		
20	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	4,600		

ALT. BID  
SUBTOTAL: \_\_\_\_\_ \$ \_\_\_\_\_  
ITEM 14-20 "WORDS"

PROJECT TOTAL: \_\_\_\_\_ \$ \_\_\_\_\_  
ITEMS 1-20 "WORDS"

**NOTE: The basis of the selection of the lowest bid will be the lowest responsive and responsible bid for the sum of all Bid Schedules.**

## Bidder Data and Signature

Name of Bidder: \_\_\_\_\_

Type of organization: \_\_\_\_\_

Person(s) authorized to sign for Bidder: \_\_\_\_\_

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

Note:

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

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

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

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

Business Street Address: \_\_\_\_\_  
(Please include business address even if P.O. Box is used.)

Business City, State, Zip Code: \_\_\_\_\_

P.O. Box- Number: \_\_\_\_\_

P.O. Box- City, State, Zip Code: \_\_\_\_\_

Phone: (\_\_\_\_\_) \_\_\_\_\_

Facsimile: (\_\_\_\_\_) \_\_\_\_\_

E-mail: \_\_\_\_\_

Contractor's license number: \_\_\_\_\_

License Classification(s): \_\_\_\_\_

Expiration date: \_\_\_\_\_

Department of Industrial Relations Registration Number: \_\_\_\_\_

**Bidder Data and Signature (continued)**

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

**Slurry Seal Project**

**District 1**

**Project No. C4-0006**

**District 3**

**Project No. C4-0008**

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

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

**Signature:**

\_\_\_\_\_

**Name (printed):**

\_\_\_\_\_

**Title:**

\_\_\_\_\_

**"Contractor"**

## Subcontractor List

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

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

Name of Bidder (Prime/General Contractor): \_\_\_\_\_

	Subcontractor Name	License Number	DIR Registration Number	Business Address (City, State)	Construction Item(s) [Item Number and Description]	Check if Partial Work
1.						<input type="checkbox"/>
2.						<input type="checkbox"/>
3.						<input type="checkbox"/>
4.						<input type="checkbox"/>
5.						<input type="checkbox"/>
6.						<input type="checkbox"/>
7.						<input type="checkbox"/>

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

Percent of work to be performed by Subcontractors: \_\_\_\_\_ %

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

## Non-Collusion Declaration

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

The undersigned declares:

I am the \_\_\_\_\_ (Title) of \_\_\_\_\_ (Company),  
the party making the foregoing bid.

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

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

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

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

\_\_\_\_\_ (Month) \_\_\_\_\_ (Day) of \_\_\_\_\_ (Year),

at \_\_\_\_\_ (City), \_\_\_\_\_ (State).

**Signature of Declarant:** \_\_\_\_\_

**Printed name of Declarant:** \_\_\_\_\_

**Name of Bidder (Company):** \_\_\_\_\_

**Title or Office:** \_\_\_\_\_

**Note:** Notarization of signature required.  
 Check box if attachment is included.



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

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

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

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

**Option #1 – Certification**

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

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

**Option #2 – Exemption**

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

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

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



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

## 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 \_\_\_\_\_, hereafter called "Contractor".

### WITNESSETH

#### Recitals:

1. Contractor has submitted to County his Contractor's Proposal for the construction of County Project, \_\_\_\_\_, 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 to Bidders, (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 \_\_\_\_\_, (n) The Determination of Prevailing Wage Rates for Public Works, (o) Any Change Orders issued, and (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.

**Slurry Seal Project**  
**District 1**  
**Project No. C4-0006**  
**District 3**  
**Project No. C4-0008**  
**Contract (Example)**

**BASE BID**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
...						
...						
...						
...						
...						
...						
...						
...						
...						
...						
...						
...						
...						
...						
N						

**PROJECT TOTAL:** \_\_\_\_\_ **\$**-----  
**ITEMS 1-N** "WORDS"

**Slurry Seal Project**  
**District 1**  
**Project No. C4-0006**  
**District 3**  
**Project No. C4-0008**

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

**COUNTY OF RIVERSIDE**

**CONTRACTOR**

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

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

Chairman, Board of Supervisors

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

(If Corporation, affix Seal)

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

ATTEST:

ATTEST:

Kecia Harper-Ihem, Clerk of the Board

\_\_\_\_\_

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

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

Deputy

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

License No.: \_\_\_\_\_

Federal Employer Identification Number:

\_\_\_\_\_

Department of Industrial Relations Registration Number:

\_\_\_\_\_

BY \_\_\_\_\_

"County"

\_\_\_\_\_

"Corporation"  
(Seal)

## Performance Bond

**Recitals:**

1. \_\_\_\_\_ (Contractor) has entered into a Contract with COUNTY OF RIVERSIDE (County) for construction of public work known as \_\_\_\_\_  
\_\_\_\_\_.
2. \_\_\_\_\_, a \_\_\_\_\_ corporation (Surety), is the Surety under this Bond.

**Agreement:**

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

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

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

By \_\_\_\_\_ By \_\_\_\_\_

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

Its Attorney in Fact  
"Surety"

Title \_\_\_\_\_

"Contractor"

(Corporate Seal)

(Corporate Seal)

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

## Payment Bond

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

The makers of this Bond are \_\_\_\_\_, as Principal and Original Contractor and \_\_\_\_\_, a corporation, authorized to issue Surety Bonds in California, as Surety, and this Bond is issued in conjunction with that certain public works contract to be executed between Principal and COUNTY OF RIVERSIDE a public entity, as Owner, for \$ \_\_\_\_\_, 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 \_\_\_\_\_.

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

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

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

\_\_\_\_\_  
Surety

By \_\_\_\_\_

By \_\_\_\_\_

Its Attorney In Fact

Title \_\_\_\_\_

(If corporation, affix seal)

(Corporate Seal)

(Corporate Seal)

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

ss. SURETY'S ACKNOWLEDGEMENT

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

WITNESS my hand and official seal.

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

\_\_\_\_\_  
Notary Public (Seal)

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



**General Conditions**

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## General Conditions

### 1. Definitions and Terms

Whenever in the Standard Specifications the following terms are used, they shall be understood to mean and refer to the following:

- A. "Department", "Department of Transportation", "State", and "State of California" means the County of Riverside.
- B. "Engineer", "State Highway Engineer", "Director", and "Director of Transportation" means the Director of Transportation and Land Management Agency (TLMA) for the County of Riverside, and includes his authorized representatives.
- C. "Laboratory" means the established laboratory of the County of Riverside.
- D. "Plans" means the portion of the Contract Documents consisting of all drawings prepared for the direction and characteristics of the work. A schedule of said drawings which constitutes the plans as of the execution of the Contract is set forth in the Special Provisions and are supplemented by the Standard Plans referred to in the Special Provisions.

Other terms appearing in the Standard Specifications and Contract Documents, including the Special Provisions, shall have the intent and meaning specified in Section 1, "Definition and Terms" of the Standard Specifications. The following are additional terms appearing in the Contract Documents:

- "County", "Contractor" and "Contract Documents" are identified in the Contract. "County" and "Contractor" includes their authorized representatives are treated throughout as if each were singular in number. "Contractor" includes its surety.
- "Business Day" is defined as 7:30 a.m. to 5:30 p.m. Monday through Friday (update end of week day if necessary), excepting therefrom when County is closed for holidays as set forth in County Ordinance 358, Section 1, items c. through q.
- "You" and "Your" means the Bidder and/or Contractor.

### 2. Standard Specifications

The Standard Specifications of the State of California Department of Transportation, edition of May 2006 hereafter called "Standard Specifications", are incorporated herein as modified in these General Conditions, the Special Provisions and the Plans.

The following subsections of the Standard Specifications are deleted:

1-1.13, 1-1.15, 1-1.18, 1-1.25, 1-1.37, 1-1.40, 2-1.01, 2-1.05, 5-1.14, 7-1.165, 9-1.05, 9-1.065, 9-1.10, 12-2.02.

Section 3 of the Standard Specifications is deleted.

The following deletions and additions are made from the following subsections of the Standard Specifications.

Subsection 2-1.07, the bond form described in the last paragraph is found in the Bid Book's "B" pages; the form is titled "Bid Bond."

Subsection 5-1.04, add to the second paragraph at its end the following sentence: "The General Conditions govern over all of the Contract Documents except the Special Provisions, the Contract and Bonds."

Subsection 7-1.15, for "Director" read "Director of TLMA" except for last paragraph read "County of Riverside".

Subsection 7-1.16, delete references to Subsection 7-1.165.

Subsection 8-1.03 is modified to read as shown on Section 3, "Liquidated Damages and Time of Completion" of the Contract sample found in this Bid Book (C2).

Subsection 8-1.06, strikethrough the last paragraph.

Subsection 8-1.08, strikethrough "as provided in the State Contract Act".

Amendments to the Standard Specifications for this project, **as dated in the Special Provisions**, are incorporated herein. This document is available upon request at the office of the County of Riverside Transportation Department and will be available to the awarded Contractor.

Amendments to the Standard Specifications set forth in the Special Provisions shall be considered as part of the Standard Specifications for the purposes set forth in Section 5-1.04, "Coordination and Interpretation of Plans, Standard Specifications and Special Provisions" of the Standard Specifications. Whenever either the term "Standard Specifications is amended" or the term "Standard Specifications are amended" is used in the Special Provisions, the text or table following the term shall be considered an amendment to the Standard Specifications.

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

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

In the event that discrepancies are encountered which are not addressed herein, the option that provides the method, item or material with the greatest strength, utility, performance shall be selected, as directed by the Engineer.

3. Director of Transportation and Land Management Agency (TLMA)

All work shall be done under the supervision of the Director of TLMA who shall determine the amount, quality, acceptability and fitness of all parts of the work, and interpret the Contract Documents. No act or omission of the Director of TLMA relieves Contractor of the duty to proceed with the work in strict conformity with the Contract Documents.

Upon request, Director of TLMA shall reduce to writing any oral order, objection, requirement or determination. Whenever the Director of TLMA's approval is required, it shall be in writing only.

All communications to the County by Contractor shall be via the Director of TLMA, or such individual(s) as may be designated by the Director of TLMA in his discretion.

No work shall be performed on site other than during normal working hours without the knowledge and consent of the Director of TLMA.

When in Director of TLMA's opinion, weather or other conditions are such that attempts to perform a portion of the work will probably result in work not in accordance with the Contract Documents, he shall so advise the Contractor. When Contractor advises the Director of TLMA that he intends to proceed despite such advice, he does so at his peril. The Director of TLMA may then order Contractor, in writing which specifies the portion of the work involved and the conditions warranting the issuance of the order, not to proceed on such portion of the work if: (1) proceeding will, in his judgment, have an adverse effect on Contractor's ability to complete the work within the stipulated time period, or (2) proceeding will, in his judgment, necessitate unusual tests and procedures to ascertain whether said portion of the work is in accordance with the Contract Documents. Contractor shall comply with such orders at its expense.

Nothing herein contained relieves Contractor from the duty to make independent determinations as to weather and other conditions affecting the proper completion of the work.

Failure for any reason of Director of TLMA to advise Contractor as to such matters, or to issue an order as above provided, does not relieve the Contractor from the duty to accomplish the work in accordance with the Contract Documents.

As stated elsewhere, amounts shown in the Bid and Contract as to quantities are merely estimates only. From time to time Director of TLMA shall direct Contractor as to the prosecution of the work in such a manner as to increase or decrease such estimates as to the work actually to be done. Contractor shall comply with such instructions and shall be paid only for work actually done based on the unit price set out in the Contract.

4. Insurance and Hold Harmless

In lieu of the provisions of Standard Specification Section 7-1.12 the following shall apply:

**A. General:**

Contractor shall submit to the County a Certificate of Insurance, signed by an authorized representative of the Contractor's insurance provider or agency, which certifies to the County that insurance coverage is provided in accordance with the requirements of this Section.

Certificate Holder information is as follows:

County of Riverside  
Transportation Department  
Attn: Contracts/Bidding Unit  
3525 14<sup>th</sup> Street  
Riverside, CA 92501

Contractor shall not commence work under the Contract until he has obtained the insurance required hereunder and satisfactory proof of said insurance has been submitted to and accepted by the County.

The County may suspend all Contractor project work activities, at the Contractor's expense, for failure to maintain insurance coverage.

**B. Workers Compensation:**

The Contractor shall maintain statutory Workers' Compensation Insurance (Part 1) as prescribed by the laws of the State of California. Policy shall include Employers' Liability (Part 2) including Occupational Disease with limits not less than \$1,000,000 per person per accident.

This policy shall be endorsed, and signed, to waive subrogation in favor of the County.

This policy shall also name the "County of Riverside, its Agencies, Special Districts and Departments, their respective director, officers, Board of Supervisors, elected and appointed officials, employees, agents, and representatives" as Additional Insureds.

**C. Commercial General Liability:**

Commercial General Liability insurance coverage includes but not limited to:

1. Premises, operations and mobile equipment liability
2. Products and completed operations liability
3. Broad form property damage, (including completed operations)
4. Explosion, collapse, and underground hazards
5. Personal and advertising injury
6. Unmodified contractual liability
7. Cross liability coverage
8. Covering claims which may arise from or out of Contractor's performance of its obligations hereunder.

Commercial General Liability insurance coverage amounts are not to be less than the following:

- \$2,000,000 each occurrence
- \$2,000,000 general aggregate
- \$2,000,000 products-completed operations aggregate

Higher limits may be required for projects with higher risk exposure, and higher limits, if required, will be included in the Special Provisions.

Where excess liability insurance is used in connection with primary liability insurance, the combination of such coverage sum must allow total limits of liability to be in amounts not less than the specified amounts.

This policy shall name the "County of Riverside, its Agencies, Special Districts and Departments, their respective director, officers, Board of Supervisors, elected and appointed officials, employees, agents, and representatives" as Additional Insureds.

For additional insured endorsement for excess liability insurance, an acceptable alternative to the policies is a letter, signed by an authorized representative of the insurance carrier, confirming in writing that the policy follows form with respect to the primary liability policy.

**D. Automobile Liability:**

Contractor shall maintain liability insurance for any auto, all owned, non-owned and hired vehicles so used in an amount not less than \$1,000,000 per occurrence combined single limit. If such insurance contains a general aggregate limit, it shall apply separately to the Contract or be no less than two (2) times the occurrence limit.

Policy shall name the "County of Riverside, its Agencies, Special Districts and Departments, their respective director, officers, Board of Supervisors, elected and appointed officials, employees, agents, and representatives" as Additional Insureds.

**E. General Insurance Provisions:**

1. **Insurer.** Any insurance carrier providing insurance coverage hereunder shall be admitted to the State of California and have an A M Best rating of not less than A: VIII (A:8) unless such requirements are waived, in writing, by the County Risk Manager. If the County's Risk Manager waives a requirement for a particular insurer such waiver is only valid for that specific insurer and only for one policy term.

Non-admitted/Surplus Line insurance carriers (carriers not licensed in the State of California) may be acceptable to the County under certain conditions. Non-admitted insurance carriers providing any form of insurance coverage must be:

- a. Domiciled or authorized to do business in the United States and/or listed as an approved insurance carrier on the California Department of Insurance's List of Approved Surplus Line Insurers (LASLI) list,
  - b. Have an AM Best rating of not less than A: VIII (A:8), and
  - c. Insurer is authorized to transact in the type of insurance provided.
2. **Self-insured retention (SIR).** The Contractor must declare its insurance self-insured retention for each coverage required herein. If any such self-insured retention exceeds \$500,000 per occurrence, each such retention shall have the prior written consent of the County Risk Manager before the commencement of operations under the Contract. Upon notification of self-insured retention unacceptable to the County, and at the election of the Country's Risk Manager, Contractor's carriers shall either:
    - a. Reduce or eliminate such self-insured retention as respects the Contract with the County, or
    - b. Procure a bond which guarantees payment of losses and related investigations, claims administration, and defense costs and expenses.
  3. **Certificate, policy, endorsements and attachments.** Contractor shall cause Contractor's insurance carrier(s) to furnish the County with:
    - a. A properly executed original Certificate(s) of Insurance and certified original copies of signed endorsements effecting coverage as required herein, and
    - b. All endorsements must include a reference to the policy by type of insurance and policy number that it is endorsing, and

- c. If requested to do so by the County Risk Manager, provide original certified copies of policies including all endorsements and all attachments thereto, showing such insurance is in full force and effect.

Further, said Certificate(s) and policies of insurance shall contain the covenant of the insurance carrier(s) that thirty (30) days written notice shall be given to the County prior to any material modification, cancellation, expiration or reduction in coverage of such insurance (For nonpayment of premium cause for cancellation, a written notice of at least ten (10) days is allowed per California Insurance Code §662(a)). In the event of a material modification, cancellation, expiration, or reduction in coverage, the Contract shall terminate forthwith, unless the County receives, prior to such effective date, another properly executed original Certificate of Insurance and original copies of endorsements or certified original policies, including all endorsements and attachments thereto evidencing coverage's set forth herein and the insurance required herein is in full force and effect.

Contractor shall not commence operations until the County has been furnished original Certificate (s) of Insurance and certified original copies of endorsements and if requested, certified original policies of insurance including all endorsements and any and all other attachments as required in this Section. An individual authorized by the insurance carrier to do so on its behalf shall sign the original endorsements for each policy and the Certificate of Insurance.

4. **Primary insurance.** It is understood and agreed to by the parties hereto that the Contractor's insurance shall be construed as primary insurance, and the County's insurance and/or deductibles and/or self-insured retention's or self-insured programs shall not be construed as contributory.
5. **Subcontractor(s).** Contractor shall pass down the insurance obligations contained herein to all tiers of subcontractors working under the Contract.
6. **Self-insurance.** The insurance requirements contained in the Contract may be met with a program(s) of self-insurance acceptable to the County.
7. **Claim notification.** Contractor agrees to notify County of any claim by a third party or any incident or event that may give rise to a claim arising from the performance of the Contract.
8. **Certificate Holder.** Certificate address information for this project is as follows:

County of Riverside  
Transportation Department  
Attn: Contracts/Bidding Unit  
3525 14<sup>th</sup> Street  
Riverside, CA 92501



**F. Hold Harmless/Indemnification:**

Contractor shall indemnify and hold harmless the County of Riverside, its Agencies, Districts, Special Districts and Departments, their respective directors, officers, Board of Supervisors, elected and appointed officials, employees, agents and representatives (individually and collectively hereinafter referred to as Indemnitees) from any liability whatsoever, based or asserted upon any services of Contractor, its officers, employees, subcontractors, agents or representatives arising out of or in any way relating to the Contract, including but not limited to property damage, bodily injury, or death or any other element of any kind or nature whatsoever arising from the performance of Contractor, its officers, employees, subcontractors, agents or representatives Indemnitors from the Contract. Contractor shall defend, at its sole expense, all costs and fees including, but not limited, to attorney fees, cost of investigation, defense and settlements or awards, the Indemnitees in any claim or action based upon such alleged acts or omissions.

With respect to any action or claim subject to indemnification herein by Contractor, Contractor shall, at their sole cost, have the right to use counsel of their own choice and shall have the right to adjust, settle, or compromise any such action or claim without the prior consent of County; provided, however, that any such adjustment, settlement or compromise in no manner whatsoever limits or circumscribes Contractor's indemnification to Indemnitees as set forth herein.

Contractor's obligation hereunder shall be satisfied when Contractor has provided to County the appropriate form of dismissal relieving County from any liability for the action or claim involved.

The specified insurance limits required in the Contract shall in no way limit or circumscribe Contractor's obligations to indemnify and hold harmless the Indemnitees herein from third party claims.

In the event there is conflict between this clause and California Civil Code §2782, this clause shall be interpreted to comply with Civil Code 2782. Such interpretation shall not relieve the Contractor from indemnifying the Indemnitees to the fullest extent allowed by law.

5. Beginning of Work, Time of Completion, and Liquidated Damages

Attention is directed to Instruction to Bidders Section 12, "Hours of Work."

Attention is directed to the Contract item 3, "Liquidated Damages and Time of Completion".

Attention is directed to the Special Provision Section "Liquidated Damages".

6. County's Right to Stop Work or Terminate the Contract

(1) Contractor shall be adjudged bankrupt or make an assignment for the benefit of creditors, or (2) a receiver or liquidator is appointed for Contractor or any of his property, or (3) Contractor shall refuse or fail after Notice of Warning from County by Director of TLMA to supply sufficient properly skilled workmen or suitable materials, or (4) Contractor fails to prosecute the work with such diligence as will insure its completion within the stipulated time period, or (5) Contractor shall fail to make payments to persons supplying labor or materials for the work, or (6) Contractor does not comply with applicable law or instructions of Director of TLMA, or (7) Contractor is otherwise guilty of a substantial violation of any provision of the Contract Documents, then County without prejudice to such other and further right, remedy or relief it may be entitled to, may by ten (10) days notice to Contractor, terminate the employment of Contractor and his right to proceed, either as to the entire work, or at County's option, as to any portion thereof as to which delay shall have occurred or breach or miscompliance relates, and may thereupon take possession of the affected work and complete the work by contract or otherwise, as County deems expedient. In such case, Contractor shall not be entitled to receive any further payment until the work is finished. If the unpaid balance shall exceed the expense of completion, and other damage, expense or loss of County occasioned by Contractor's failure to properly perform, such excess shall be paid by Contractor. If such expense and damage exceeds the unpaid balance, Contractor is liable to County for the excess. If County elects to proceed under this Section, it may take possession of and utilize in completing the work such materials, supplies, plant and equipment on site which may be necessary or convenient for the purpose of completing the work, County is expressly granted the right - acting via Director of TLMA, an Engineer or otherwise - to operate equipment and machinery on site for the purpose of determining whether it has a basis for proceeding under this Section.

If the construction of the project herein is damaged, which damage is determined to have been proximately caused by an act of God, in excess of 5% of the contract amount (Public Contract Code §7105(a)), provided that the work damaged is built in accordance with applicable building standards and the plans and specifications, then the Owner, upon certification by the Engineer, may, without prejudice to any other right of remedy, terminate the contract.

Decision by County not to proceed under this Section does not constitute a waiver by County of any right it might from time to time have against Contractor under the Contract Documents.

7. General Prevailing Wage:

Attention is directed to General Conditions Section 8, "Labor Code".

Attention is also directed to Section 7-1.01A(2), "Prevailing Wage" of the Standard Specifications.

Pursuant to §1773 of the Labor Code, the general prevailing wage rates, including the per diem wages applicable to the work, and for holiday and overtime work, including employer payments for health and welfare, pension, vacation, and similar purposes, in the county in which the work is to be done have been determined by the Director of the California Department of Industrial Relations (DIR). These wages are set forth in the General Prevailing Wage Rates for this project and are available from the DIR's web site at: <http://www.dir.ca.gov>

Pursuant to §1774 of the Labor Code, contractor and subcontractors shall pay not less than the specified prevailing rates of wages to all workmen employed in the Contract.

General prevailing wage determinations are on file at Transportation Department Washington Street Yard's Contraction/Inspection office and are available to any interested party upon written request.

General prevailing wage determinations are also made by the DIR Pursuant to California Labor Code Part 7, Chapter 1, Article 2, Sections 1770, 1773, and 1773.1 may also be obtained at the following URL:

[www.dir.ca.gov/DLSR/PWD/index.htm](http://www.dir.ca.gov/DLSR/PWD/index.htm)

The Contractor must post a copy of the determination of the DIR prevailing rate of per diem wages at each job site.

## 8. Labor Code

Reference is made to Chapter 1, Part 7, Division 2 of the California Labor Code (commencing with §1720). By this reference said Chapter 1 is incorporated herein with like effect as if it were here set forth in full. The parties recognize that said Chapter 1 deals, among other requirements with discrimination, penalties and forfeitures, their disposition and enforcement, wages, working hours, overtime, apprentices, securing worker's compensation insurance, payroll records, registration with the DIR, and directly affect the method of prosecution of the work by Contractor and subject it under certain conditions to penalties and forfeitures. Execution of the Contract by the parties constitutes their agreement to abide by said Chapter 1, their stipulation as to all matters which they are required to stipulate as to by the provisions of said Chapter 1, constitutes Contractor's certification that he is aware of the provisions of said Chapter 1 and will comply with them and further constitutes Contractor's certification as follows: "I am aware of the provisions of §3700 of the California Labor Code which require every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions before commencing the performance of the work of this contract."

Contractor and his subcontractors shall comply with the provisions of § 1725.5 of the Labor Code regarding registration with the DIR. Registration with the DIR Division of Labor Standards Enforcement can be done online using the following URL:

<https://efiling.dir.ca.gov/PWCR>

Contractor and his subcontractors shall comply with the provisions of § 1776 of the Labor Code regarding payroll records.

Contractor and his subcontractors shall comply with the provisions of § 1777.5 of the Labor Code regarding apprentices.

Contractor shall post at each job site, during the course of the work, notices and a copy of County's "Determination of Prevailing Wage Rates". Copies of said Determination are available at Transportation Department Washington Street Yard's Construction/Inspection office for this purpose.

9. Labor Nondiscrimination

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

10. Equal Employment Opportunity

**A. General**

Contractor shall not discriminate in its recruiting, hiring, promotion, demotion or termination practices on the basis of race, religious creed, color, national origin, ancestry, sex, age or physical handicap in the performance of this Contract shall comply with the provisions of the California Fair Employment Practice Act (commencing with SS 1410 of the Labor Code), the Federal Civil Rights Act of 1964 (P.L. 88-352) and all amendments thereto, Executive Order No. 11246 (30 Federal Register 12319), as amended, and all administrative rules and regulations issued pursuant to said Acts and Order. See particularly 41 Code of Federal Regulation (CFR) Chapter 60.

Contractor shall require each of its subcontractors to comply with the preceding paragraph and shall include in each subcontract language similar to the preceding paragraph.

Contractor shall permit access to its records of employment, employment advertisement, application forms and other pertinent data and records by Owner and any State or Federal agency having jurisdiction for the purpose of investigation to ascertain compliance with this Section.

Owner may assign an affirmative action representative to monitor Contractor and its subcontractor(s) conduct required by this Section, including the right of entry to the construction site for the purpose of obtaining information from persons performing work on the project providing such inspection does not interfere with the progress of the work.

Elsewhere in the Contract Documents specific requirements may be contained covering the same subject matter of this Section. If so, such specific requirements prevail over this Section in case of conflict.

**B. Transactions of \$10,000 or Under**

Contracts and subcontracts not exceeding \$10,000 are exempt from the requirements of this Section. No Contractor or subcontractor shall procure supplies and/or services in less than usual quantities to avoid applicability of this Section. With respect to contracts and subcontracts for indefinite quantities, this Section applies unless the amount required in any one year under such contract will reasonably be expected not to exceed \$10,000.

**C. Transactions in Excess of \$10,000, but Less Than \$50,000**

At Owner's request, Contractor shall certify that it has in effect an affirmative action plan and agrees to comply with all State and Federal laws and regulations regarding Fair Employment Practices. Contractor shall maintain a written copy of its affirmative action plan and furnish Owner a copy of the plan upon request. Owner may require Contractor to complete an Affirmative Action Compliance Report, on a form furnished by Owner, setting forth definite goals during the term of the Contract.

**D. Transactions of \$50,000 or More**

If Contractor has fifty or more employees and a Contract for \$50,000 or more, it shall develop and submit to Owner, within thirty days after award, a written affirmative action compliance program providing in detail specific steps to guarantee equal employment opportunity. Contractor shall include in its affirmative action program a table of job classifications, which table shall include but need not be limited to job titles, duties, and rates of pay.

Contractor shall in each subcontract let to do a portion of the work covered hereunder, where the subcontractor involved has fifty or more employees and the subcontract is for \$50,000 or more, impose in the subcontract the above requirements.

For the purpose of determining the number of employees, the average of the Contractor's or its subcontractor's employees for the twelve month period immediately prior to award, or the total number of employees the Contractor or its subcontractor will have when performing this contract, whichever is higher, shall be used.

**E. Federal Assisted Construction**

If this project is a Federally assisted construction project, then the contract provisions contained in 41 CFR SS 60-1.04 (b) are incorporated herein and the Contractor shall likewise incorporate said provisions in each subcontract entered by Contractor to perform the work. Federally assisted construction is identified as such in the Notice to Bidders.

11. Subcontracting

Attention is directed to:

- Standard Specification Section 2-1.054, "Required Listing of Proposed Subcontractors",
- Standard Specification Section 8-1.01, "Subcontracting", and
- Instruction to Bidders Section 11, "Subletting, Subcontracting, and Subcontractor List".

Contractor responsibility

No subcontract releases the Contractor from the contract or relieves the Contractor of their responsibility for a subcontractor's work.

Violations and remedies

If the Contractor violates Public Contract Code § 4100 et seq., the County may exercise the remedies provided under Public Contract Code § 4110. The County may refer the violation to the Contractors State License Board as provided under Public Contract Code § 4111.

50% Minimum work performance

The Contractor shall perform work equaling at least 50 percent of the value of the original total bid with the Contractor's own employees and equipment, owned or rented, with or without operators.

Subcontractor compliance

Each subcontractor must comply with the contract.

Active license

Each subcontractor must have an active and valid State contractor's license with a classification appropriate for the work to be performed (Business & Professional Code, § 7000 et seq.).

Submittal of subcontracts

Contractor must submit copies of subcontracts upon request by the Engineer.

Submittal of subcontractor request form

Before subcontracted work starts, Contractor must submit a Subcontracting Request form (Caltrans LAPM, Exhibit 16-B).

Debarred contractors

The County will not award a contract to a debarred Contractor. Contractor must not use a debarred subcontractor. Pursuant to the provisions in §1777.1 of the Labor Code, the Labor Commissioner publishes and distributes a current list of contractors ineligible to perform work on a public works project. This list of debarred contractors is available from the DIR web address at:

<http://www.dir.ca.gov/dlse/debar.html>

Termination of unsatisfactory subcontractors

Upon request by the Engineer, Contractor must immediately remove and not again use a subcontractor who fails to prosecute the work satisfactorily (Public Contract Code §4107(a)(7)).

Substitutions

Subcontractor substitutions will be processed as required by Public Contract Code § 4107 et seq. A subcontractor not registered with the DIR is an additional condition to the listed qualifications for substitutions (Public Contract Code 1771.1(d)).

12. Monthly Progress Estimates and Payments

Attention is directed to Section 9-1.06, "Partial Payments" and 9-1.07, "Payment After Acceptance" of the Standard Specifications and these Special Provisions.

For the purpose of timely payment, the "receipt of payment request" date, as described in Public Contract Code 20104.50 and as referred to herein, shall be considered to be the fifth working day following the 25th day of each month.

Within five (5) working days of the 25th day of each month the County shall:

- A. Calculate and prepare the certificate ("progress pay estimate") stating the value of the work completed for the billing month, for the purpose of determining the proper progress payment amount.
- B. If a progress pay estimate has been prepared by the County but has been contested by the Contractor as of the "receipt of payment request" date, as defined above, the County shall submit to the Contractor a document setting forth in writing a description of the dispute pertaining to the progress billing, and the County's reason for its position. Said document shall be submitted to the Contractor as soon as practicable, but not later than seven (7) calendar days after the "receipt of payment request" date.

Any progress pay estimate which is undisputed and remains unpaid for thirty (30) calendar days, after the "receipt of payment request date" shall accrue interest to the Contractor

equivalent to the legal rate set forth in subdivision (a) of §685.010 of the California Code of Civil Procedure. The number of days available to the County to make a payment without incurring interest pursuant to this Section shall be reduced by the number of days by which the County exceeds the seven-day submittal requirement set forth in the paragraph above.

Pursuant to Public Contract Code §20104.50, subsection (e), the progress payment date is the date that funds are encumbered and the payment warrant is issued.

The partial payments made as the work progresses will be payment on account on work performed as of the 25th of the month and shall in no way be considered as an acceptance of any part of the work or material of the contract, nor shall they in any way govern the final estimate.

No estimate or payment shall be made when, in the judgment of the Director of TLMA, the total value of the work done since the previous estimate amounts to less than \$300.

### 13. Deposit of Securities

In accordance with Public Contract Code §22300 and other applicable law, the Contractor may substitute securities for any moneys withheld to ensure performance under the contract.

### 14. Payment Retention

Director of TLMA, once each month, after said work is commenced and until after the completion and acceptance thereof, shall make and deliver to Contractor duplicate certificates stating the value of work then completed according to the contract, estimated according to the standard of the unit contract price, and thereupon Contractor shall be paid an amount sufficient with all previous payments to make the aggregate ninety five percent (95%) of the amount earned as certified. Maximum value of progress payment retention, as set forth in Section 9-1.06 of the Standard Specifications and any other referenced text, shall be five (5%).

### 15. Payment for Extra Work (Force Account Basis)

Extra work to be paid for on a force account basis as directed by the Engineer will be paid for as set forth in Section 9-1.03 "Force Account Payment" of the Standard Specifications. The labor surcharge, equipment rental rates, and the right of way delay factors for each classification of equipment are listed in the Department of Transportation publication entitled "Labor Surcharge and Equipment Rental Rates". A copy of which is on file at the Office of the Director of TLMA and is hereby incorporated herein in its entirety.

The fourth paragraph in Section 9-1.03A, "Work Performed by Contractor" of the Standard Specifications is amended to read:



When extra work to be paid for on a force account basis is performed by a subcontractor, approved in accordance with the provisions in Standard Section 8-1.01, "Subcontracting" an additional markup of 5% will be added to the total cost of said extra work including all markups specified in this Section 9-1.03A. Said additional 5% markup shall reimburse the Contractor for additional administrative costs, and no other additional payment will be made by reason of performance of the extra work by a subcontractor.

The first and second paragraphs in Section 9-1.03A(3), "Equipment Rental" of the Standard Specifications is amended to read:

The Contractor will be paid for the use of equipment at the rental rates listed for such equipment in the Department of Transportation publication entitled Labor Surcharge and Equipment Rental Rates, which is in effect on the date upon which the work is accomplished and which is a part of the contract, regardless of ownership and rental or other agreement, if such may exist, for use of such equipment entered into by the Contractor, except that for those pieces of equipment with a rental rate of \$10.00 per hour or less as listed in the Labor Surcharge and Equipment Rental Rates publication and which are rented from a local equipment agency, other than Contractor owned, the Contractor will be paid at the hourly rate shown on the rental agency invoice or agreement for the time used on force account work as provided in Section 9-1.03A(3a), "Equipment on the Work." If a minimum equipment rental amount is required by the local equipment rental agency, the actual amount charged will be paid to the Contractor.

If it is deemed necessary by the Engineer to use equipment not listed in said publication, a suitable rental rate for such equipment will be established by the Engineer. The Contractor may furnish any cost data which might assist the Engineer in the establishment of such rental rate. If the rental rate established by the Engineer is \$10.00 per hour or less, the provisions above concerning rental of equipment from a local equipment agency shall apply.

The seventh paragraph in said Section 9-1.03A(3) is amended to read:

Individual pieces of equipment or tools not listed in said publication and having a replacement value of \$500 or less, whether or not consumed by use, shall be considered to be small tools and no payment will be made therefor.

Section 9-1.03A(3), "Equipment Rental" of the Standard Specifications is amended by adding Section 9-1.03A(3d), "Dump Truck Rental" as follows:

The provisions of Section 9-1.03A(3c), "Owner-Operated Equipment" shall not apply to dump truck rentals.

9-1.03A(3d) Dump Truck Rental - Dump truck rental shall conform to the provisions of Sections 9-1.03A(3), "Equipment Rental", 9-1.03A(3a), "Equipment on the Work" and 9-1.03A(3b), "Equipment not on the Work" except as follows:

Fully maintained and operated rental dump trucks used in the performance of extra work paid for on a force account basis will be paid for at the same hourly rate paid by the Contractor for use of fully maintained and operated rental dump trucks in performing contract item work.

In the absence of contract item work requiring dump truck rental, the Engineer will establish an hourly rental rate to be paid. The Contractor shall provide the Engineer with complete information on the hourly rental rates available for rental of fully maintained and operated dump trucks.

The provisions in Section 9-1.03A(1), "Labor" shall not apply to operators of rented dump trucks.

The rental rates listed for dump trucks in the Department of Transportation publication entitled Labor Surcharge And Equipment Rental Rates shall not apply.

To the total of the rental costs for fully maintained and operated dump trucks there will be added a markup of **15%**. No other markups will be made by reason of performance of the work by a subcontractor or for labor.

#### 16. Change Orders – Detail Drawings and Instructions

Reference is made to 4-1.03 and 4-1.03A of the Standard Specifications regarding change orders. Wherever in these subsections the word "Engineer" appears, replace with "County".

Each approved change order shall be considered as an amendment to the Contract Documents and will not be considered approved until executed by the Board of Supervisors, except when Director of TLMA can approve certain change orders, without the necessity of approval by the Board, as provided in a Resolution of the Board adopted January 11, 2011, Resolution 2011-015.

The above does not limit the ability of Director of TLMA to issue further detail drawings, explanations, and instructions which are customarily given by an Engineer during the course of similar work. Director of TLMA will furnish Contractor, in reasonable promptness, with further detailed explanations, instructions and drawings as may be necessary for the proper execution of the work, and Contractor shall conform to same provided they are consistent with the intent of the Contract Documents. In giving such additional instructions, explanations and drawings Director of TLMA has authority to make minor changes in the work which do not involve extra cost and are not inconsistent with the Contract Documents.

Contractor's acting on such instructions, explanations and drawings of Director of TLMA means that Contractor agrees that such explanations, instructions and drawings are within the scope of the work in accordance with the intent of the Contract Documents and do not constitute a basis for modification of the Contract Documents as to price or time.

17. Final Payment

Within thirty (30) days after the completion of the work and its acceptance by the Board of Supervisors, Director of TLMA will make a proposed final estimate in writing of the quantities of work done under the contract and the value of such work and will submit such estimate to Contractor. Within thirty (30) days thereafter Contractor shall submit to Director of TLMA his written approval of said proposed final estimate or a written statement of all claims which he has for additional compensation claimed to be due under the contract.

On Contractor's approval or if he files no claims within said period of thirty (30) days, Director of TLMA will issue a final written estimate as submitted to Contractor and County shall pay the entire sum so found to be due after deducting there from all previous payments and all amounts to be kept and all amounts to be retained under the provisions of the contract.

If Contractor files claim(s) within said period of thirty (30) days, Director of TLMA will issue as a semi-final estimate the proposed estimate submitted to Contractor and the County will within thirty (30) days pay the sum found due thereon after deducting all prior payments and all amounts to be kept and retained under the provisions of the contract, Director of TLMA shall then consider and investigate Contractor's claims and shall make such revisions in the said estimate as he may find to be due, and shall then make and issue his final written estimate. County will pay the amount so found due after deducting all previous payments and amount to be retained under the contract.

All prior or partial estimates and payments shall be subjected to correction in the final estimate and payment.

The final estimate shall be conclusive and binding against both parties to the contract on all questions relating to the performance of the contract and the amount of work done there under and compensation therefore, except in the case of gross error. Acceptance of final payment constitutes a release of County by Contractor of all claims relating to the work.

18. Assignment of Claims

In submitting a bid on this public works project, or any subcontractor agreeing to supply goods, services, or materials, and entering a contract pursuant thereto, the Contractor and/or subcontractor do offer and agree to assign to the Owner all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act (Chapter 2 (commencing with §16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services, or materials pursuant to the public works contract or the subcontract. This assignment shall be made and become effective at the time the awarding body tenders final payment to the Contractor, without further acknowledgement by the parties.

19. Arbitrations

Section 9-1.10, "Arbitration" of the Standard Specifications is deleted.

20. Claims Resolution

In accordance with Public Contract Code §20104 through §20104.8 and other applicable law, public works claims of \$375,000 or less, which arise between the Contractor and the Owner shall be resolved following the statutory procedure, unless the Owner has elected to resolve the dispute pursuant to Public Contract Code SS 10240 et seq.

A. All claims shall be submitted in writing and accompanied by substantiating documentation. Claims must be filed on or before the date of final payment unless other notice requirements are provided in the contract. "Claim" means a separate demand by the claimant for (1) a time extension, (2) payment of money or damages arising from work done by or on behalf of the claimant and payment of which is not otherwise expressly provided for or the claimant is not otherwise entitled, or (3) an amount the payment of which is disputed by the Owner.

**1. Claims Under or equal to \$50,000**

The Owner shall respond in writing to the claim within 45 days of receipt of the claim, or, the Owner may request, in writing, within 30 days of receipt of the claim, any additional documentation supporting the claim or relating to defenses of claims the Owner may have. If additional information is needed thereafter, it shall be provided upon mutual agreement of the Owner and the claimant. The Owner's written response shall be submitted 15 days after receiving the additional documentation, or within the same period of time taken by the claimant to produce the additional information, whichever is greater.

**2. Claims over \$50,000 but less than or equal to \$375,000**

The Owner shall respond in writing within 60 days of receipt, or, may request in writing within 30 days of receipt of the claim, any additional documents supporting the claim or relating to defenses of claims the Owner may have against the claimant. If additional information is needed thereafter, it shall be provided pursuant to mutual agreement between the Owner and the claimant. The Owner's response shall be submitted within 30 days after receipt of the further documents, or within the same period of time taken by the claimant to produce the additional information or documents, whichever is greater.

B. If the claimant disputes the Owner's response, or if the Owner fails to respond within the statutory time period, the claimant may so notify the Owner within 15 days of the receipt of the response or the failure to respond, and demand an informal conference to meet and

confer for settlement. Upon such demand, the Owner shall schedule a meeting and confer conference within 30 days.

- C. If following the meet and confer conference, the claim or any portion thereof remains in dispute, the claimant may file a claim pursuant to Government Code SS 900 et seq. and Government Code SS 910 et seq. For purposes of those provisions, the time within which a claim must be filed shall be tolled from the time the claimant submits the written claim until the time the claim is denied, including any time utilized for the meet and confer conference.
- D. If a civil action is filed to resolve any claim, the provisions of Public Contract Code SS 20104.4 shall be followed, providing for non-binding mediation and judicial arbitration.

#### 21. Brand or Trade Name – Substitute of Equals

Reference is made to §3400 of the Public Contracts Code, which is by this reference incorporated herein with like effect as if here set forth in full.

If a potential Bidder believes he knows of an equal to a specified brand or trade name which is not mentioned in the Contract Documents, then such potential bidder may so advise Director of TLMA of such fact, giving all relevant information. If appropriate, an addendum will be issued as to the alleged equal provided that such issuance may be accomplished at least 5 business days before the time fixed for opening bids.

Unless the subject article or product is expressly designated for matching others in use in a particular public improvement either completed or in the course of completion, any bidder may, as part of its bid proposal, include a request for substitution of an item equal to any specified by brand or trade name.

Within 30 calendar days after award of the contract, Contractor may submit to Director of TLMA data substantiating such a request, and the difference, if any, in cost. Director of TLMA shall promptly investigate the request and make a recommendation to County as to equality. The governing body of County shall promptly determine whether the substitute is equal in every respect to the item specified, and approve or deny the request accordingly, and shall notify Director of TLMA of the determination made, who shall advise Contractor in writing of the decision. Unless the request is granted, substitution will not be permitted.

Nothing herein shall authorize a change in the contract price or prevent the use of change orders in the manner provided elsewhere in the Contract Documents.

#### 22. Site Inspection – Effect of Other Improvements Shown and Contractor Procedure

Elsewhere in the Contract Documents reference may be made graphically, descriptively, or both, to the existence or possible existence of other improvements affecting the site and the

prosecution of the work such as surface and subsurface utilities, drainage ditches and courses, buildings, fencing, retaining walls, roadways, curbs, trees, shrubs, and similar matters. Such matters are included to be used by Contractor to the extent he deems appropriate. However, it is expressly understood and agreed:

- A. Showing or describing such items does not mean that it is an exhaustive and complete presentation and that as to matters shown or described that they necessarily exist.
- B. All graphic presentations are schematic only unless the contrary is clearly set out elsewhere as to a particular matter.
- C. Whenever in the plans survey markers are shown, boundaries of the site are shown or contour lines are shown, Contractor may assume that such matters are shown in accordance with acceptable standards.

All improvements of the nature described above, whether elsewhere shown or described or not, shall, unless the contrary is elsewhere specifically directed, remain in place, undisturbed and suitably protected during the course of the work.

Whenever, during the course of the work, a subsurface improvement is discovered, which Contractor believes is unknown to County, he shall immediately inform Director of TLMA. Except as elsewhere provided, whenever in the course of the work it becomes apparent that the work cannot proceed without the destruction or relocation of any improvement, whether shown or described or not, Contractor shall immediately cease work affecting such improvements, notify Director of TLMA as to such circumstance, and await instructions as to how to proceed.

- D. The Contractor shall be required to cooperate fully with all utility forces or forces of other public agencies engaged in relocation, lowering, altering or otherwise rearranging any facilities interfering with the progress of work or installing any facilities thereon.

The Contractor will also be required to cooperate fully with any County or State forces working on or near the project, or requiring access to the work in the performance of their duties.

### 23. Public Safety

The Contractor shall provide for the safety of traffic and the public in conformance with the provisions in Section 7-1.09, "Public Safety" of the Standard Specifications and these Special Provisions.

The Contractor shall install temporary railing (Type K) between a lane open to public traffic and an excavation, obstacle or storage area when the following conditions exist:

**A. Excavations**

The near edge of the excavation is 12 feet or less from the edge of the lane, except:

1. Excavations covered with sheet steel or concrete covers of adequate thickness to prevent accidental entry by traffic or the public.
2. Excavations less than 1 foot deep.
3. Trenches less than 1 foot wide for irrigation pipe or electrical conduit, or excavations less than 1 foot in diameter.
4. Excavations parallel to the lane for the purpose of pavement widening or reconstruction.
5. Excavations in side slopes, where the slope is steeper than 1:4 (vertical: horizontal).
6. Excavations protected by existing barrier or railing.

**B. Temporarily Unprotected Permanent Obstacles**

The work includes the installation of a fixed obstacle together with a protective system, such as a sign structure together with protective railing, and the Contractor elects to install the obstacle prior to installing the protective system; or the Contractor, for the Contractor's convenience and with permission of the Engineer, removes a portion of an existing protective railing at an obstacle and does not replace such railing complete in place during the same day.

**C. Storage Areas**

Material or equipment is stored within 12 feet of the lane and the storage is not otherwise prohibited by the provisions of the Standard Specifications and these Special Provisions.

The approach end of temporary railing (Type K) installed in conformance with the provisions in this Special Provision section "Public Safety" and in Section 7-1.09, "Public Safety" of the Standard Specifications, shall be offset a minimum of 15 feet from the edge of the traffic lane open to public traffic. The temporary railing shall be installed on a skew toward the edge of the traffic lane of not more than 1 foot transversely to 10 feet longitudinally with respect to the edge of the traffic lane. If the 15 feet minimum offset cannot be achieved, the temporary railing shall be installed on the 10 to 1 skew to obtain the maximum available offset between the approach end of the railing and the edge of the traffic lane, and an array of temporary crash cushion modules shall be installed at the approach end of the temporary railing.

Temporary railing (Type K) shall conform to the provisions in Section 12-3.08, "Temporary Railing (Type K)" of the Standard Specifications. Temporary railing (Type K), conforming to the details shown on 1999 Standard Plan T3, may be used. Temporary railing (Type K) fabricated prior to January 1, 1993, and conforming to 1988 Standard Plan B11-30 may be used, provided the fabrication date is printed on the required Certificate of Compliance.

Temporary crash cushion modules shall conform to the provisions in "Temporary Crash Cushion Module" of these Special Provisions, if applicable.

Except for installing, maintaining and removing traffic control devices, whenever work is performed or equipment is operated in the following work areas, the Contractor shall close the adjacent traffic lane unless otherwise provided in the Standard Specifications and these Special Provisions:

Approach Speed of Public Traffic Posted Limit	Work Areas
Over 45 Miles Per Hour	Within 6 feet of a traffic lane but not on a traffic lane
35 to 45 Miles Per Hour	Within 3 feet of a traffic lane but not on a traffic lane

The lane closure provisions of this Section shall not apply if the work area is protected by permanent or temporary railing or barrier.

When traffic cones or delineators are used to delineate a temporary edge of a traffic lane, the line of cones or delineators shall be considered to be the edge of the traffic lane, however, the Contractor shall not reduce the width of an existing lane to less than 10 feet without written approval from the Engineer.

When work is not in progress on a trench or other excavation that required closure of an adjacent lane, the traffic cones or portable delineators used for the lane closure shall be placed off of and adjacent to the edge of the traveled way. The spacing of the cones or delineators shall be not more than the spacing used for the lane closure.

Suspended loads or equipment shall not be moved nor positioned over public traffic or pedestrians.

#### Payment

Full compensation for conforming to the provisions in this Section, Public Safety, including furnishing and installing temporary railing (Type K) and temporary crash cushion modules, shall be considered as included in the contract prices paid for the various items of work involved and no additional compensation will be allowed therefor.

#### 24. Extra Work

Section 4-1.03D, "Extra Work" of the Standard Specifications is amended by adding the following between the second and third paragraphs:

If, in the opinion of the Engineer, such work cannot reasonably be performed concurrently with other items of work, and if a controlling item of work is delayed thereby, an adjustment of contract time of completion will be made.



25. Sounds Control Requirements

Sound control shall conform to the provisions in Section 7-1.01I, "Sound Control Requirements" of the Standard Specifications and these Special Provisions.

The noise level from the Contractor's operations, between the hours of 9:00 p.m. and 6:00 a.m., shall not exceed 86 dba at a distance of 50 feet. This requirement in no way relieves the Contractor from responsibility for complying with local ordinances regulating noise level.

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

Payment

Full compensation for conforming to the requirements of this Section, Sound Control Requirements, shall be considered as included in the prices paid for the various contract items of work involved and no additional compensation will be allowed therefor.

26. Use, Care and Protection of Premises

At his expense Contractor shall:

- A. Take every precaution against injuries to persons or damage to property.
- B. Comply with regulations governing the use of the property.
- C. Store and suitably protect his apparatus, equipment, materials and supplies in an orderly fashion on site.
- D. Place on the work only such loads as are consistent with the safety of the work.
- E. Effect all cutting, fitting, or patching of his work required to make it conform to the Plans and Specifications and interrelate with other improvements or except with the consent of Director of TLMA, cut or otherwise alter existing improvements.
- F. Protect and preserve established bench marks and monuments, make no changes in the location of such without the prior written approval of County, replace and relocate any of them which may be lost or destroyed, or which require shifting because of necessary changes in grades or locations. All replacement and relocation work shall be accomplished only after approval of County and under the direct supervision and instruction of Director of TLMA.

- G. Before final payment remove all surplus materials, false work, temporary structures, debris, and similar matter resulting from his operations from the site and to put the site in an orderly condition.
- H. Construct, operate and maintain all passageways, guard fences, lights, barricades and other facilities required for protection by State or municipal laws and regulations and local conditions during the course of the work.
- I. Guard County's property from injury or loss.
- J. Take all reasonable precautions for dust and noise control and generally conduct operations so as not to constitute a nuisance.
- K. The Contractor shall be responsible for the protection of existing signs, fences, concrete curb and gutter and other highway facilities which may be encountered in the roadway. The replacement or repair of any facilities which the County deems necessary as a result of the Contractor's operations shall be done by the Contractor at his own expense and to the satisfaction of the County Transportation Department.

Payment

Full compensation for conforming to the requirements of this Section, Use, Care and Protection of Premises, shall be considered as included in the prices paid for the various contract items of work involved and no additional compensation will be allowed therefor.

27. Obstructions

Attention is directed to Sections 8-1.10, "Utility and Non-Highway Facilities" and 15, "Existing Highway Facilities" of the Standard Specifications and these Special Provisions.

In the event that the utility facilities mentioned within the referenced Standard Specifications and/or Special Provisions are not removed or relocated by the times specified and, if in the opinion of the Engineer, the Contractor's operations are delayed or interfered with by reason of the utility facilities not being removed or relocated by said times, the County will compensate the Contractor for such delays to the extent provided in Section 8-1.09, "Right of Way Delays" of the Standard Specifications, except as provided in Section 8-1.10, "Utility and Non-Highway Facilities" of the Standard Specifications.

28. Removal of Asbestos and Hazardous Substances

When the presence of asbestos or hazardous substances are not shown on the plans or indicated in the specifications and the Contractor encounters materials which the Contractor

reasonably believes to be asbestos or a hazardous substance as defined in Section 25914.1 of the Health and Safety Code, and the asbestos or hazardous substance has not been rendered harmless, the Contractor may continue work in unaffected areas reasonably believed to be safe. The Contractor shall immediately cease work in the affected area and report the condition to the Engineer in writing.

In conformance with §25914.1 of the Health and Safety Code, removal of asbestos or hazardous substances including exploratory work to identify and determine the extent of the asbestos or hazardous substance will be performed as Extra Work.

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

29. Documents of Contractor

Upon demand, Contractor shall make available to County all documents in its possession relevant to the work accomplished or to be accomplished or any demand or claim of Contractor as to County. This includes copies of documents sent by Contractor or others in its possession. Contractor shall further make available to County conformed copies of all documents submitted to the sureties who executed the Bid Bond, Performance Bond, or Payment Bond for the purpose of obtaining the sureties' signature, including any guarantee or indemnification made to such surety by others for such purpose. Contractor shall maintain in his possession all documents relative to the work for three years after Notice of Completion.

30. Responsibility of Contractor to Act in an Emergency

In case of an emergency which threatens loss or injury to property or life, Contractor shall act without previous instructions as the situation may warrant. Contractor shall notify Director of TLMA immediately thereafter. Any compensation claimed by Contractor, together with substantiating documentation shall be submitted to County via Director of TLMA.

31. Final Inspection – Notice of Completion

When the work is ready for final inspection, County shall cause the work to be inspected and subjected to such tests as seem to it to be required for the purpose of determining if the work is complete in every respect.

At a meeting of the governing body of County held within ten (10) days after final inspection, the governing body shall consider the facts developed at the inspection. If it is found that the work is apparently complete in every respect, County will accept the work and a Notice of Completion will be recorded.

As between the parties, the recordation of the Notice of Completion, unless recorded because of a cessation of labor, means only that the time for final payment and the commencement of the guarantee period commences to run.

32. Dust Abatement

Dust control shall conform to Section 10, "Dust Control", Section 7-1.01F, "Air Pollution Control", Section 17, "Watering", and Section 18, "Dust Palliative" of the Standard Specifications, Rules no. 401, 402, 403 and 403.1 of the South Coast Air Quality Management District (AQMD), Riverside County Code, Chapter 8.52, "Fugitive Dust Reduction Program For Coachella Valley" (if project location is within the Coachella Valley), all other applicable Federal and State laws, and the requirements set forth herein.

The Contractor is cautioned that failure to control fugitive dust may result in fines being levied by the South Coast Air Quality Management District to both the Contractor and the County, as Owner. The Contractor shall be fully responsible for payment of all fines pertaining to air pollution control violations, resulting from Contractor's operations related to the construction contract, which may be levied against both the Contractor and the County by the AQMD or other regulatory agencies. The Contractor's attention is directed to Section 7-1.01, "Laws to be Observed" of the Standard Specifications. The cost of all fines levied against the County will be deducted from any moneys due or which may become due to the Contractor, unless other payment arrangements are made by the Contractor.

Dust control of all of the Contractor's operations is required 24 hours per day, 7 days a week for the duration of the contract, and until the disturbed soil is permanently stabilized. The Contractor shall take every precaution to prevent emissions of fugitive dust from the project site, from locations of stockpiled materials, from unpaved driving surfaces, from haul vehicles, from inactive construction areas, and from all other operations of the Contractor. The Contractor shall plan for and carry out proper and efficient measures to prevent their operations from producing dust in amounts damaging to property or which constitute a public nuisance, or which cause harm to persons living or working in the vicinity of the work. Particular concern of emissions is PM10 particles. PM10 particles are fine particulate matter of 10 microns or less which are associated with sickness and death from respiratory disease.

The Contractor shall furnish and post dust mitigation signs, which shall be, at a minimum, in accordance with the "AQMD Recommendations", attached hereto (See Appendix). Additional copies are available upon request from the Engineer. The sign shall include the Contractor's phone number which shall be maintained on a 24 hour basis. The sign message, size and design, including any deviations from the signage recommendations, shall be approved by the Engineer prior to fabrication.

The Contractor shall respond to complaints by mobilizing equipment and personnel at the construction site within 2 hours of each complaint to control fugitive dust.

Attention is directed to AQMD Rule 403.1, which applies to all contracts within the Coachella Valley Area of Riverside County. That AQMD Rule requires the Contractor to take specified dust control actions when prevailing wind speeds exceed 25 miles per hour. Wind forecasts, AQMD Rules and other related information are provided by AQMD at 1-800-CUT-SMOG and at [www.aqmd.gov](http://www.aqmd.gov).

Any days on which the Contractor is prevented from working, due to the requirements of AQMD Rules, will be considered as non-working days, in accordance with Section 8-1.06, "Time of Completion" of the Standard Specifications.

The Contractor shall utilize the "Best Available Control Measures" of controlling fugitive dust, as prepared by the AQMD. For projects within the Coachella Valley, the "Reasonably Available Control Measures" may be employed, if effective within the context of the AQMD rules. However, if fugitive dust crosses the project boundary, more effective control measures, including the "Best Available Control Measures" shall be implemented.

A site-specific fugitive dust control plan shall be submitted to the Engineer for review and approval at least 10 days prior to the start of construction. Additionally, for projects outside of the Coachella Valley which meet the criteria for AQMD plan approval, the Contractor shall submit the dust control plan to AQMD for approval. AQMD plan submittal criteria is defined in AQMD Rule 403 as being for projects that will have disturbed surface area in excess of 100 acres, or for projects with a scope of work which requires the movement of more than 10,000 cubic yards of soil on each of any three working days.

A sample plan and other pertinent information is attached, and additional copies are available from the Engineer upon request. The fugitive dust control plan shall include the "Reasonably Available Control Measures" and "Best Available Control Measures" of controlling fugitive dust, as may be appropriate and necessary, including but not limited to watering, application of chemical dust suppressants, wind fencing, covering of haul vehicles, haul vehicle bed-liners, covering or chemically stabilizing stored materials, phased grading, planting of vegetation, the use of a 24 hour environmental observer, and track-out controls at locations where unpaved construction accesses intersect with paved roads. The use of chemical stabilizers, which are approved by all environmental regulatory agencies, and the use of reclaimed water is encouraged. If water is intended as a primary dust control tool, the dust control plan shall provide for at least one 2,000 gallon water truck for every 4 acres of disturbed soil, unless otherwise approved by the Engineer.

If the Construction Engineer determines that the project scope and the forecasted weather conditions are such that the Contractor's work is unlikely to be a source of dust emissions, the Construction Engineer has the authority to waive the requirements for submittal of a dust control plan and for placement of the dust control signs described herein. However, the Contractor's responsibilities for the control of fugitive dust and the other requirements of this Section may not be waived.

A completion notice will not be filed, and the final payment will not be made to the Contractor until the areas of disturbed soil on the construction site, including roadway shoulders, are suitably stabilized for long term control of fugitive dust.

**The successful Contractor shall attend an AQMD PM10 Dust Control Program training session, and furnish evidence of attendance to the Engineer.** Attendance at AQMD training seminars can be scheduled through AQMD at 1-866-861-DUST (1-866-861-3878) or by email to dustcontrol@aqmd.gov. Current AQMD certification of previous attendance will be accepted.

At that training session, the successful Contractor will be furnished with the AQMD prepared Rule 403 and Rule 403.1 implementation handbooks, which include the "Best Available Control Measures" and "Reasonably Available Control Measures", and other associated information, including a listing of suggested dust control related devices, materials and chemicals.

The signature of the Contractor on the Bid constitutes acknowledgement by the Contractor of the dust control requirements established by law and described herein, and the enforceability of those requirements.

Payment

When the contract includes a bid item for Dust Abatement, full compensation for conformance with these dust abatement requirements, including labor, equipment, materials, developing water supply and incidentals, shall be paid at the lump sum price for Dust Abatement, and no additional compensation will be allowed therefor.

When the contract does not include a bid item for Dust Abatement, full compensation for conformance with these dust abatement requirements, including labor, equipment, materials, developing water supply and incidentals, shall be considered as included in the various items of work, and no additional compensation will be allowed therefor.

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# RIVERSIDE COUNTY SLURRY SEAL PROJECT

DISTRICT 1  
PROJECT No. C4-0006

DISTRICT 3  
PROJECT No. C4-0008

## SPECIAL PROVISIONS

### DESCRIPTION:

#### **Base Bid:**

#### **SLURRY SEAL TREATMENT**

In general, this project proposes to provide slurry seal treatment to existing pavement surfaces on various roads located in Riverside County. Slurry seal treatments consist of an application of a mixture of asphalt emulsion, aggregate, water, and other additives over the existing asphalt pavement surface. The treatments are provided as preventative maintenance to extend the life of the pavement and postpone more costly pavement rehabilitation. Slurry seal treatments seal cracks, restores lost flexibility to the pavement surface, provide a new black pavement surface color, and help preserve the underlying pavement structure.

The Chip seal treatment adds a layer of "chips" or small crushed rock, over the slurry seal as a "wearing course" in areas of higher vehicles traffic. The Rubberized Chip seal treatment is the same as the Chip seal but the chips are preheated and precoated with asphalt emulsion, and Micro-surfacing is placed over the rubberized chips. Crumb rubber, generated from processed scrap tires, serves as a "modifier" of the asphalt emulsion. Its addition gives the asphalt emulsion greater viscosity and improves the properties which resist reflective cracking and rutting, and prolongs pavement life.

The work also involves removing and replacing thermoplastic crosswalk, pavement markings, painted traffic stripes and other work as may be required.

#### **ALTERNATE BID SCHEDULES:**

#### **Alternate Bid Schedule 1A and 1B (Domenigoni Parkway)**

Two options are provided for Domenigoni Parkway. The County may select Alternate Bid Schedule 1A or 1B.

Alternate Bid Schedule 1A is for Rubberized Chip Seal with Microsurfacing.

Alternate Bid Schedule 1B is for 0.12' Rubberized Hot Mix Asphalt Overlay.



**Alternate Bid Schedule 2 ( Crestmore Manor Parking)**

Work to include access road and parking at the Crestmore Manor, Riverside County Regional Park & Open Space District, 4600 Crestmore Road, Riverside is included as Alternate bid schedule 2. The work includes cleaning and sealing cracks, application of fog seal over approximate 92,000 square foot existing asphalt surfaces. Work includes remove and replacement of approx. 3,100 square foot of existing asphalt. Additional work includes removing and replacing wheel stops, new pavement markings, parking striping, accessible parking markings, cross-walks and other work as may be required.

The parking area improvements include placement of AC pavement to patch the missing pavement, reconstruction of a portion to accommodate accessible parking, new wheel stops, striping, including accessible parking signage and markings, and textured concrete to fill in between the new sidewalk and the existing building.

**SPECIFICATIONS:**

This project shall conform to the requirements of the Standard Specifications for Public Works Construction 2009 edition or the "Greenbook" and May 2006 edition of the Standard Specifications and Standard Plans as issued by the State of California Department of Transportation.

**IRAN CONTRACTING ACT:**

The Department of General Services has published a list of companies who are prohibited from contracting with public entities in California as required by Public Contract Code section § 2200-2208.

The Iran Contracting Act Certification/Exemption form is included in the bid proposal section of this document and must be completely filled in, dated, signed and submitted with Proposal bid documents. The bidding Contractor is required to submit the appropriate form with the bid.

**PROJECT SCHEDULE:**

The work shall be performed **July through October** or as directed by the County of Riverside Transportation Department.

All work shall be performed with due diligence after issuance of the official "Notice to Proceed" letter from the County to the Contractor. This work will be performed in accordance with a schedule to be developed between the County and the Contractor, and as weather permits. No changes are made to the working days allowed.

The prices paid per Ton for slurry seal and per square yard for Screenings shall include all costs for mobilization and coordination and no adjustments will be made to submitted bid prices.

**MODIFIED HOURS OF WORK:**

Attention is directed to Section "Instruction to Bidders" item 12 "Hours of Work" page A6 of these Specifications.

All application of slurry seal shall be performed between the hours of **8:00 A.M. and 2:00 P.M.**, Monday through Friday, except legal holidays, or as approved by the Engineer. All roads shall be sufficiently cured to permit the road to be open by 5:00 p.m. Exceptions and specific work schedules shall be submitted to the Engineer for consideration.

**LIQUIDATED DAMAGES:**

The Contractor shall diligently prosecute the work to completion before the expiration of **45** working days from the date stated in the "Notice to Proceed". The Contractor shall pay to the County of Riverside the sum of **\$2,000.00** per day, for each and every calendar day's delay in finishing the work in excess of the number of working days prescribed above.

**Additional Liquidated Damages**

Unless otherwise provided in these Special Provisions or directed by the Engineer, the Rubberized Chip seal surfaces shall be applied with slurry seal coat after 3 consecutive calendar days but not to exceed 7 maximum consecutive calendar days of the prescribed maintenance period. Additional liquidated damages of **\$500.00** per street shall be paid to the County of Riverside for each calendar day in excess of the 7 maximum consecutive calendar days the chip seal surfaces are not slurry sealed.

**AUTHORITY OF ENGINEER:**

The Engineer shall decide all questions which may arise as to the quality or acceptability of materials furnished and work performed and as to the manner of performance and rate of progress of the work; all questions as to the acceptable fulfillment of the contract on the part of the Contractor; and all questions as to compensation. His decision shall be final and he shall have authority to enforce and make effective such decisions and orders which the Contractor fails to carry out promptly.

**SOURCE OF SUPPLY AND QUALITY OF MATERIALS:**

The Contractor shall furnish all materials required to complete the work. Only materials conforming to the requirements of the specifications shall be incorporated in the work.

The materials furnished and used shall be new. The materials shall be manufactured, handled, and used in a workmanlike manner to insure completed work in accordance with the specifications.

Materials to be used in the work will be subject to inspection and tests by the Engineer. The Contractor shall furnish without any charge to County such samples as may be required. The Contractor shall furnish the Engineer a list of his sources of materials and the locations at which such materials will be available for inspection. The list shall be submitted to the Engineer in sufficient time to permit inspecting and testing of materials to be furnished from such listed sources in advance of their use. The Contractor shall assure that the Engineer has free access at all times to the material to be inspected, sampled or tested. It is understood that such inspections and tests if made at any point other than the point of incorporation in the work in no way shall be considered as a guaranty of acceptance of such material nor of continued acceptance of material presumed to be similar to that upon which inspections and tests have been made, and that inspection and testing performed shall not relieve the Contractor or his suppliers of responsibility for quality control.

#### **CERTIFICATES OF COMPLIANCE:**

A Certificate of Compliance shall be furnished prior to the use of any materials. The certificate shall be signed by the manufacturer of the material and shall state that the materials involved comply in all respects with the requirements of the specifications.

A Certificate of Compliance shall be furnished with each lot of material delivered to the work.

The County reserves the right to refuse to permit the use of material on the basis of a Certificate of Compliance. The form of the Certificate of Compliance and its disposition shall be as directed by the Engineer.

#### **TESTING:**

Unless otherwise specified, all tests shall be performed in accordance with the methods referenced in the appropriate section of these Special Provisions.

Whenever a reference is made in the specifications to a test by number, it shall mean the test in effect on the day the contract was awarded.

The Engineer may, at his discretion, select random samples for testing. Test specimens from the random samples, including those required for retest shall be prepared in accordance with the referenced specification and furnished by the Contractor at his expense. The number of such samples and test specimens shall be entirely at the discretion of the Engineer.

When requested by the Engineer, the Contractor shall furnish, without any charge, samples of all materials entering into the work, and no material shall be used prior to approval by the Engineer.

The Contractor will furnish a one quart sample of asphaltic emulsion drawn from each tank load of material to be used on the project. Samples will be obtained in accordance with ASTM Method D140 or such other methods as are approved by the Engineer.

**OBTAIN ENCROACHMENT PERMIT:**

It shall be the responsibility of the Contractor to obtain an encroachment permit from the adjacent cities for work within or adjacent to their Right-Of-Way. Following are the cities:

City of Hemet for Domenigoni Parkway

City of Lake Elsinore for Ontario Avenue

City of Riverside for Cleaveland Avenue and Colt Street

City of Jurupa for Crestmore Manor Driveway adjacent to Crestmore Road.

**Payment**

Full compensation for compliance with the requirements of this Section shall be considered as included in the various items of work and no additional compensation will be allowed therefore.

## **ITEMS OF WORK:**

### **ORDER OF WORK:**

Order of work shall conform to the provisions in Section 5-1.05, "Order of Work" of the Standard Specifications and these Special Provisions.

### **Public Safety**

#### **Emergency access**

Attention is directed to "Public Safety" of these Special Provisions regarding access for emergency vehicles. The Contractor shall provide continual 12 feet drivable access for emergency vehicles through the construction zones.

### **Public Convenience**

#### **Public Awareness Program**

Attention is directed to "Public Convenience" of these Special Provisions regarding the Public Awareness Program and responding to communications with the public. The Contractor shall coordinate with the Resident Engineer on project signage, responding to comments and complaints from the public and other public awareness requests as needed.

#### **Business access**

Attention is directed to "Public Convenience" of these Special Provisions regarding access to the business adjacent to slurry seal activities. Driveway access must be maintained by closing alternating driveways or partial closure of single driveways. Business driveway closure is not permitted during non-working hours. Contractor shall notify and coordinate with the business in advance of any construction activities that may affect customer access.

#### **School Traffic**

Attention is directed to "Public Convenience" of these Special Provisions regarding activities adjacent to or near any school sites. School sites are typically congested prior to the start of school and in the afternoon when classes let out. There may also be special evening and weekend events at the schools. Contractor shall coordinate with the School Administrators and avoid activity in the traffic lanes and road shoulders at the peak hours and when special events are planned.

#### **Signalized intersections**

Work within the signalized intersections shall be phased to maintain traffic flow through the intersection. Road closures and detours are not permitted.

#### **Changeable Message Signs**

Changeable Message Signs (CMS) are to be provided prior to the start of work on Domenigoni Pky. The road will have two CMS signs setup one week in advance of any lane restrictions. The cost of the CMS shall be included in the various items of work.

### Encroachment Permit

Attention is directed to “Encroachment Permit” of these Special Provisions regarding Encroachment Permits. The Contractor shall be responsible to prepare the Traffic Control Plans and submit to the adjacent cities for review and approval for a duplicate permit.

### Liquidated Damages

Attention is directed to “Liquidated Damages” of these Special Provisions regarding specific duration times for completion of work. There are substantial liquidated damages for delays.

### Mail Delivery

Attention is directed to “Mail Delivery” of these Special Provisions regarding mail delivery. Contractor shall comply with the “Coordination” section that may affect mail delivery.

### Landscape Irrigation

Contractor shall be responsible to contract any public entity with landscaped parkways or medians that have possible irrigation runoff and coordinate the work schedule to avoid damage from the irrigation runoff.

### Vertical drops

The contractor shall have no vertical drops between drive lanes during non-working hours. In the areas to be graded adjacent to pavement, the Contractor shall place base material before the end of each day to eliminate any vertical drops and provide a smooth transition for residents to access their driveways.

## **WATER POLLUTION CONTROL:**

Throughout the term of this contract, the total land disturbance area of the project site shall be less than 1 acre.

- If work occurs within the Santa Ana Region: The Contractor shall comply with the Area-Wide Municipal Stormwater Permit NPDES No. CAS618033.
- If work occurs within the San Diego Region: The Contractor shall comply with the Area-Wide Municipal Stormwater Permit NPDES No. CAS0108766.
- If work occurs within the Colorado River Region: The Contractor shall comply with the Area-Wide Municipal Stormwater Permit NPDES No. CAS617002.

Hereafter referred to in this section as the “Municipal Permit”, issued by the California Regional Water Quality Control Board (CRWQCB) – Santa Ana Region, San Diego Region, and Colorado River Region, these permits regulate both stormwater and non-stormwater discharges associated with Contractor’s construction activities. A copy of the Permits may be obtained at the office of the County of Riverside Transportation Department, 14<sup>th</sup> Street Transportation Annex, 3525 14<sup>th</sup> Street, Riverside, California. (951) 955-6780, or may be obtained on the internet at:

<http://www.waterboards.ca.gov/santaana/> for Santa Ana Region Municipal Permit

<http://www.waterboards.ca.gov/sandiego/> for San Diego Region Municipal Permit

<http://www.waterboards.ca.gov/coloradoriver/> for Colorado River Region Municipal Permit

The Contractor shall comply with the requirements of the Municipal Permit, and all applicable federal, state and local laws, ordinances, statutes, rules, and regulations.

Contractor's Water Pollution Control Program (WPCP) shall be prepared by a Qualified SWPPP Developer in accordance with Section 3, "Preparing a Water Pollution Control Program (WPCP)", of the *Caltrans Stormwater Pollution Prevention Plan (SWPPP) and Water Pollution Control Program (WPCP) Preparation Manual (June 2011)*, which is available as a free download from:

<http://www.dot.ca.gov/hq/construc/stormwater/manuals.htm>

#### WATER POLLUTION CONTROL MEASURES

- A. Work having the potential to cause water pollution shall not commence until the Contractor's WPCP has been reviewed and approved by the Engineer. The Engineer's review and approval of the Contractor's WPCP shall not waive any contractual requirements and shall not relieve the Contractor from achieving and maintaining compliance with all federal, state, and local laws, ordinances, statutes, rules, and regulations. A copy of Contractor's WPCP shall be maintained onsite. When the WPCP or access to the construction site is requested by a representative of a federal, state, or local regulatory agency, Contractor shall make the WPCP available and Contractor shall immediately contact the Engineer. Requests from the public for the Contractor's WPCP shall be directed to the Engineer.
- B. Contractor's WPCP shall describe the Contractor's plan for managing runoff during each construction phase. Contractor's WPCP shall describe the Best Management Practices (BMPs) that will be implemented to control erosion, sediment, tracking, construction materials, construction wastes, and non-stormwater flows. BMP details shall be based upon California Stormwater Quality Association's (CASQA) California Stormwater Quality BMP Handbook Subscription Portal (<http://www.cabmphandbooks.com>) or the Caltrans Construction Site BMP Manual (<http://www.dot.ca.gov/hq/construc/stormwater/manuals.htm>). Contractor's WPCP shall describe installation, operation, inspection, maintenance, and monitoring activities that will be implemented for compliance with the Municipal Permit and all applicable federal, state, and local laws, ordinances, statutes, rules, and regulations related to the protection of water quality.
- C. The Contractor's WPCP preparer shall have been trained to prepare WPCPs or SWPPPs and shall have previous experience with preparing SWPPP or WPCP requirements on a previous project.

The Contractor shall designate a Water Pollution Control Manager that shall have been trained to implement WPCP or SWPPP requirements. Contractor's Water Pollution Control Manager shall:

1. Be responsible for all water pollution control work.
2. Be the Engineer's primary contact for all water pollution control work.
3. Have the authority to mobilize resources (crews, supplies, equipment, etc.) to make immediate repairs of water pollution control measures or to supplement water pollution control measures to maintain compliance with all federal, state, and local laws, ordinances, and regulations related to the protection of water quality, including the Municipal Permit.

The WPCP shall contain all required and applicable certifications and evidence of training for the Water Pollution Control Manager, SWPPP Developer, and all other employees working on the project receiving formal training or certification.

D. Water Pollution Control Training: Contractor shall provide water pollution control training to Contractor's employees and subcontractors prior to their performing work on the work site. The water pollution control training shall be appropriate to the employee or subcontractor function and area of responsibility and shall address (as applicable):

1. Erosion Control (water and wind)
2. Sediment Control
3. Tracking Control
4. Materials & Waste Management
5. Non-Stormwater Discharge Management
6. Run-on and Run-off Control

E. Monitoring and Reporting: Observations and inspections conducted by the Contractor's Water Pollution Control Manager shall be documented on the Construction Site Inspection Checklist included in Contractor's WPCP. A copy of each completed Construction Site Inspection Checklist shall be submitted to the Engineer within 24 hours of conducting the inspection.

#### **General Requirements:**

In the event the County incurs any Administrative Civil Liability (fine) imposed by the CRWQCB – Santa Ana Region, San Diego Region, Colorado River Region as a result of Contractor's failure to fully implement the provisions of "Stormwater and Non-Stormwater Pollution Control", the Engineer, may, in the exercise of his sole judgment and discretion, withhold from payments otherwise due Contractor a sufficient amount to cover the Administrative Civil Liability including County staff time, legal counsel, consultant support costs and all other associated cost.

The Contractor shall be responsible for all costs and for any liability imposed by law as a result of the Contractor's failure to comply with the requirements set forth in "Water Pollution Control", including but not limited to, compliance with the applicable provisions of the Caltrans Handbooks, Construction General Permit, Federal, State, and local regulations. For the purpose of this paragraph, costs and liabilities include, but not limited to, fines, penalties, damages, and costs associated with defending against enforcement actions whether taken against the County or the Contractor, including those levied under the Federal Clean Water Act and the State Porter-Cologne Water Quality Act.



Within **ten (10)** working days after the award of the contract, the Contractor shall submit two (2) copies of the WPCP to the Engineer for review and approval. The Contractor shall allow **five (5)** working days for the Engineer to review the WPCP. If revisions are required as determined by the Engineer, the Contractor shall revise and resubmit the WPCP within three (3) working days of receipt of the Engineer's comments and shall allow **five (5)** working days for the Engineer to review the revisions. The Contractor shall submit four (4) copies of the approved WPCP to the Engineer prior to notice to proceed. The Contractor must have an approved WPCP prior to the notice to proceed. The Engineer may provide a letter of conditional approval of the Contractor's WPCP while minor revisions are made and may allow the Contractor to begin only those certain construction activities identified in the letter of conditional approval. In no case will the conditional approval extend beyond twenty-one (21) calendar days. The Engineer may suspend construction operations until the Contractor submits a revised WPCP that is reviewed and approved by the Engineer.

Unless otherwise directed by the Engineer or specified in these Special Provisions, the Contractor's responsibility for WPCP implementation shall continue throughout any temporary suspension of work ordered in accordance with Section 8-1.05, "Temporary Suspension of the Work", of the Standard Specifications. The Engineer may withhold progress payments or order the suspension of construction operations without an extension of the contract time, if the Contractor fails to comply with the requirements of "Water Pollution Control" as determined by the Engineer.

All BMP repairs shall be implemented by the Contractor within 72 hrs.

At the direction of the Engineer the Contractor shall conduct monitoring, sampling and analysis, and report preparation for conformance with the Municipal Permit. The Contractor will not be compensated for sampling and analysis work due to the Contractor's failure to properly implement, inspect, maintain, and repair BMPs in conformance with the approved WPCP and any amendments thereto, or for failing to store construction materials or wastes in watertight conditions.

#### **Method of Payment**

Payment for Water Pollution Control shall be considered as included in prices paid for the various contract items of work involved and shall include full compensation for the work performed, including obtaining Permit coverage, developing, preparing, revising, obtaining approval of, and amending the WPCP, implementing, installing, constructing, operating, maintaining, and removing and disposing of temporary BMPs, performing the observations, inspections, sampling, analysis, reporting, and street sweeping, and as specified in the Caltrans Handbooks, De Minimus Permit, Municipal Permit and these Special Provisions, and as directed by the Engineer.

#### **Street Sweeping.**

The following special provision regarding "Street Sweeping" is being added to the contract document.

## **GENERAL**

### **Summary**

This work includes street sweeping.

The WPCP shall describe and include the use of street sweeping as a Water Pollution Control practice for sediment control and tracking control. Street sweeping shall also conform to all applicable AQMD requirements.

### **Submittals**

At least 5 working days before starting clearing and grubbing, earthwork, or other activities with the potential for tracking sediment or debris, submit:

- A. The number of street sweepers that will be used as described in the WPCP.
- B. Type of sweeper technology (or technologies).

### **Quality Control and Assurance**

Retain the following records related to street sweeping and submit weekly to Engineer:

- A. Tracking Inspection Log
  - B. Sweeping times and locations.
  - C. Quantity of sweeping waste disposal.
- or
- D. Sweeping by hand is acceptable in lieu of A, B, and C above.

## **CONSTRUCTION**

### **Street Sweepers**

Sweepers must use one of these technologies:

- A. Mechanical sweeper followed by a vacuum-assisted sweeper.
- B. Vacuum-assisted dry (waterless) sweeper.
- C. Regenerative-air sweeper.

### **Operation**

Street sweeping shall be conducted at:

- A. Paved roads at job site entrance and exit locations.
- B. Paved areas within the job site that flow to storm drains or water bodies.

Street sweeping shall be conducted, and sweeper(s) shall be available to operate at all times, for the following:

- A. During clearing and grubbing activities.
- B. During earthwork activities.
- C. During trenching activities.
- D. During roadway structural section activities.
- E. When vehicles are entering and leaving the job site.

- F. After soil disturbing activities.
- G. After observing offsite tracking of material.

Contractor's Water Pollution Control Manager shall inspect adjacent paved areas at job site entrances and exits and paved roadways within the job site on a minimum daily basis, and more frequently when activities that require street sweeping are being performed. Contractor's Water Pollution Control Manager shall maintain a "Tracking Inspection Log." Street sweeping shall be conducted:

- A. Within 1 hour, if sediment or debris is observed on paved areas or paved roadways.

At least one sweeper, in good working order, must be on the job site at all times when sweeping work may be required.

Perform street sweeping to minimize dust. If dust generation is excessive or sediment pickup is ineffective, water may be used but shall be contained, collected (e.g. vacuum), and properly disposed.

Material collected during street sweeping must be removed and disposed of under Section 7-1.13, "Disposal of Material Outside the Highway Right of Way" of the Standard Specifications.

**Method of Payment**

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

**TRAFFIC CONTROL SYSTEM/ PUBLIC CONVENIENCE/ PUBLIC SAFETY:**

Traffic controls, including but not limited to, vehicular and pedestrian traffic controls, maintenance of vehicular and pedestrian access, detours, and street closures shall be in accordance with the Special Provisions, Traffic Control Plans, the current "Manual on Uniform Traffic Control Devices," and Subsection 7-10, of the current "Standard Specifications for Public Works Construction," including all its subsequent amendments. Nothing in the Special Provisions shall be construed as relieving the Contractor from his or her responsibility to provide for the safety and convenience of traffic and the public during construction.

In the event of conflict, the order of precedence shall be as follows:

1. Special Provisions
2. Traffic Control Plans
3. Manual on Uniform Traffic Control Devices (MUTCD)
4. Standard Specifications

Traffic Control shall be in accordance with the following Special Provisions:

- a. All major streets shall remain open to through traffic at all times; unless, when they are being slurry sealed, then use Traffic Control for partial opening. The Contractor shall provide a smooth travel way and either a flagger and/or traffic control signage to direct the traveling public around the work zone during temporary street closures when slurry applications are occurring on the Project. Local streets shall be closed to traffic only as long as it takes for material application and drying time.
- b. The Contractor shall be responsible for the preparation of Traffic Control Plans as necessary for the work. The Traffic Control Plans shall indicate the traffic control requirements for the different types of work to be performed and be signed and stamped by a California Registered Traffic Engineer and transmitted to the County for approval no later than fourteen (14) calendar days prior to the scheduled commencement of work. Comments and corrections shall be returned to the Contractor within five (5) working days. The Traffic Control Plans shall conform to the requirements listed in these Technical Provisions, the Manual on Uniform Traffic Control Devices, and the Standard Specifications.
- c. All traffic controls and safety devices, equipment and materials, including but not limited to cones, channelizers, delineators, flashing warning lights, barricades, high level warning devices (telescoping flag trees), flags, signs, markers, portable barriers, temporary railing (Type-K), temporary fencing, flashing arrow signs, changeable message sign, markings, and flagging equipment shall be provided and maintained by the Contractor in "like new" condition.
- d. The Contractor shall furnish and properly install, construct, erect, use and continuously inspect and maintain, twenty-four (24) hours per day, seven (7) days per week, which includes holidays, all said devices, equipment and materials and all temporary and permanent pedestrian and driving surfaces as necessary to provide for the safety and convenience of, and to properly warn, guide, control, regulate, channelize and protect the vehicular traffic, pedestrian traffic, project workers, and the public throughout the entire limits of the work activity and beyond said limits as necessary to include areas affecting or affected by the work, from the date of Notice to Proceed to the completion and acceptance of the work.
- e. High-level warning devices (telescoping flag trees) are required at all times for work being performed within the roadway unless otherwise specifically approved by the Engineer.
- f. All barricades shall be equipped with flashing warning lights, and all traffic cones shall be no less than 711mm (28") in height, except that shorter cones, 305 mm (12") minimum height, may be permitted during striping maintenance operations where the only function of the cone is to protect the wet paint from the traffic. The entire area of orange and white stripes for barricades shall be Type I, engineering grade, or Type II, super engineering grade, retro-reflective sheeting conforming to the requirements of ASTM Designation: D 4956-95.
- g. Type III barricades, no less than 1.83 m (6') in length and equipped with two (2) Type "N" markers each and two (2) portable flashing beacons each, shall be used to close streets, except as otherwise specifically approved by the Engineer for minor maintenance work of no more than one (1) working day's duration, on weekdays, or on holidays only, and limited to

the hours between 7:00 a.m. and 2:00 p.m. Said barricades shall be placed across the full roadway at each point of closure with the distance between barricades, or between barricades and curbs, not exceeding 914 mm (3') except that one (1) 3.3 m (11') wide gap between barricades shall be provided at the center of the street. Barricades to the right of the street's center, facing the inbound vehicular traffic, shall also be equipped with one (1) Type C2 "Road Closed" sign, one (1) Type C3A, "Road Closed to Thru Traffic," sign, and a Type P warning sign.

- h. Except as otherwise approved by the Engineer, two-way vehicular traffic shall be maintained at all times within two (2) eleven-foot (11') wide lanes on streets having an effective roadway width of 44' or more with restricted parking. Other streets of lesser widths may be reduced to one (1) twelve foot (12') wide lane with work activity being limited to one side at a time and one-way vehicular traffic being maintained at all times by properly trained and experienced flaggers.

No reduction of the traveled way width shall be permitted on any County street before 8:00 a.m. or after 5:00 p.m., or on weekends or holidays, or when active work is not being done, unless otherwise approved by the Engineer.

**Arrow boards shall be required for all lane closures on arterial and collector streets.**

- i. Properly trained and experienced flaggers shall be provided to direct traffic when said traffic is to be interrupted, when two-way traffic is to be reduced to one-way traffic, and at other such times as is necessary to safely pass traffic through or around the work area and when so directed by the Engineer.
- j. Vehicular access to occupied residential property may be restricted on weekdays, other than holidays, between the hours of 8:00 a.m. and 2:00 p.m. while essential work activity is taking place, providing the Contractor gives the property owner or resident at least forty-eight (48) hour advance written and oral notice. See Part 2, "Notification of Residents," herein.

Convenient and safe pedestrian access to occupied residential and business property shall be maintained at all times. Access to mailboxes shall be maintained at all times such that the postal delivery service is not interrupted.

Access to vacant and unused property may be restricted at the Engineer's discretion. Both vehicular and pedestrian access shall be maintained at all times to all other property except as otherwise specifically authorized in writing by the County's Engineer.

- k. Traffic control and safety devices and equipment being used that becomes damaged, destroyed, faded, graffitied, encrusted, soiled, misplaced, worn out, inoperative, lost, or stolen shall be promptly repaired, refurbished, or replaced. Traffic control and safety devices and equipment being used, that is displaced or not in an upright position from any cause, shall be promptly returned or restored to their proper position.
- l. An unobstructed view of all signs and warning devices including, but not limited to, stop signs, stop ahead signs, street name signs, and other regulatory, warning and construction signs, markers, and warning devices shall be maintained at all times. All speed limit signs

shall be black on white with signs at either end of the project notifying the motoring public that fines are doubled in construction zones. No trucks or other equipment or materials shall be stopped, parked, or otherwise placed so as to obscure said signs, markers and devices from the view of the vehicular and pedestrian traffic to which it applies.

- m. When entering or leaving roadways carrying public traffic, the Contractor's equipment, whether empty or loaded, shall yield to said public traffic at all times, except where the traffic is being controlled by police officers, fire officers, properly trained and experienced flaggers, or at traffic signalized intersections.
- n. Stockpiling or storage of materials on any public right-of-way or parking area will not be allowed without the specific written permission of the Engineer. Materials spilled along or on said right-of-way or parking area shall be removed completely and promptly. All stockpile and storage areas shall be maintained in a safe, neat, clean, and orderly condition, and shall be restored to equal or better than original condition upon completion of the work.
- o. On projects involving work on, closure of, or partial closure of existing streets, and where vehicular access to the abutting property must be restricted, the work shall be so selected, arranged and scheduled that the person(s) requiring access to said abutting property and residents along said streets affected will be able to park within a reasonable distance typically the closest cross street or the cross street at the beginning of cul-de-sacs. In addition, no two adjoining streets shall be closed at the same time, except as otherwise approved by the Engineer. Residents must be given written notice of such restrictions a minimum of 48 hours in advance.
- p. When work has been completed on a particular street or has been suspended or rescheduled, and said street is to be opened to vehicular traffic, all equipment, "NO PARKING", "NO DRIVING" signs, other obstructions, and unnecessary traffic control devices and equipment shall be promptly removed from that street, except as otherwise approved by the Engineer.

When chip seal has been completed on a particular street and said street is to be opened to vehicular traffic, "LOOSE GRAVEL" signs shall remain in place until said street is applied with slurry seal.

- q. Should the Contractor be neglectful, negligent, or refuse, fail, or otherwise be unavailable to promptly, satisfactorily, and fully comply with the provisions specified and referred to herein above, the County reserves the right to correct or mitigate any situation, that in the sole opinion of the Engineer, constitutes a serious deficiency or serious case of noncompliance, by any means at its disposal at the Contractor's or permittee's expense, and shall deduct the cost therefore from the Contractor's progress or final payments. Such corrective action taken by the County shall not reduce or abrogate the Contractor's legal obligations and liability for proper traffic control and safety measures and shall not serve to transfer said obligations and liabilities from the Contractor to the County or the County's agents.
- r. Violations of any of the above Provisions or provisions of the referenced publications, unless promptly and completely corrected to the satisfaction of the Engineer, shall, at the sole discretion of the County, be grounds for termination of the Contract, or shut down or partial

shut down of the work, without compensation to the Contractor or permittee, or liability to the County, all as prescribed by contractual obligation or State law, whichever is applicable.

**Method of Payment**

Traffic control systems shall include but not be limited to, furnishing all labor (including flagging costs), materials (including construction area signs), tools, equipment, traffic control Plans and revisions, and incidentals, and for doing all the work involved in placing, removing, storing, maintaining, moving to new locations, replacing and disposing of the components of the traffic control including lights, channelizers (surface mounted), temporary railing (Type K) markers, delineators, temporary striping and pavement marking, barricades, portable flashing beacons, flashing arrow signs, portable changeable message signs, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

Full compensation for compliance with the provisions specified and referenced herein above shall be considered as included in prices paid for the various contract items of work involved and no additional compensation will be allowed therefore.

**PORTABLE CHANGEABLE MESSAGE SIGN:**

Two (2) portable changeable message signs shall be furnished, placed, operated, and maintained at locations shown on the plans or where designated by the Engineer and shall conform to the provisions in Section 12, "Construction Area Traffic Control Devices" of the Standard Specifications and these Special Provisions. Messages displayed on the portable changeable message signs shall be as specified on the plans, or as directed by the Engineer, and shall conform to Section 12 3.12 "Portable Changeable Message Signs" of the Standard Specifications and "Maintaining Traffic" of these Special Provisions".

A portable changeable message sign shall be placed in advance of the first warning sign for each stationary lane closure.

A portable changeable message sign shall be placed during speed zone reductions. When used in conjunction with a lane closure, use one portable changeable message sign, with both the speed zone reduction and the lane closure messages.

**Method of Payment**

Full compensation for portable changeable message signs shall include all labor, materials, tools, equipment and incidentals, and for doing all work involved in furnishing, placing, operating, maintaining, repairing, transporting from location to location and removing portable changeable message signs as directed by the Engineer shall be considered as included in the various items of work and no additional compensation will be allowed therefor.

**NOTIFICATION OF RESIDENTS AND POSTING NO PARKING SIGNS:**

At least five working days prior to commencing work, the Contractor shall submit his schedule to the County for approval. The Contractor shall give verbal notification, printed notifications (in English and Spanish languages) and copies of the weekly schedules to all firms, institutions,

agencies, residents, utility companies which will be affected by the sealing applications at least fourteen (14) calendar days in advance of and on each occasion of said sealing application. Said firms, institutions, agencies and utility companies include, but are not limited to the following: schools, day care centers, postal service, hospitals, governmental services, Police Department, Fire Department, ambulance services, Transit Authority (Bus service), trash collection firms and County/Private street sweeping operations. Additional printed notifications (in English and Spanish languages) shall be given not less than forty-eight (48) hours prior to performing any work which will restrict property access, close or partially close the street, or which will restrict or disallow street parking or driving.

Coordination with the trash collection firms shall be done such that no street shall be slurried within two (2) days prior to trash collection. Damage occurring to slurry seal from trash trucks shall be repaired at the expense of the Contractor and per the direction of the Engineer. The Contractor is solely responsible for coordination with trash collection firms in scheduling all work and the bid submitted is acknowledgement that any and all scheduling issues have been considered herein, with no disruption of trash collection schedules.

The Contractor shall coordinate his work with all schools located within the slurry area and meet with said schools prior to the start of any work. All work adjacent to schools shall be completed on weekends or on the off schedule of the school that is impacted by the slurry program. Any additional costs associated with weekend work shall be included in the contract price and no additional compensation will be allowed.

Barricades shall have printed notices in large print indicating when the street will be slurried.

The printed handout notices shall contain a general description of the work to be done, the name of the street to be sealed with limits, the day and date of the sealing application, a statement that no on-street parking or driving on the new slurry surface will be allowed between the hours of 7:00 am and 5:00 pm on the day of work, reference to placement of barricades along the street two (2) days in advance of work, a statement that it will be necessary to tow away parked vehicles at the owner's expense per California Vehicle Code CVC 22651L and CVC 22654D; a statement that in the event the street is missed, it will be rescheduled in approximately 1-2 weeks and that the residents will be renotified; the statement that **there will be no disruption of mail service or trash collection schedules**, and the handout shall also include the name and telephone number of the Contractor.

In addition to the foregoing, the notices to residents shall contain a statement that the street to be sealed will be closed to vehicular traffic, and the suggestion that if they require the use of their vehicle on the day of the sealing work, they should consider parking their vehicles on a nearby street which is not scheduled for sealing application.

**If, in the event a street scheduled for sealing was missed**, the Contractor shall immediately remove all "NO PARKING", "NO DRIVING" signs and notify all residents and others previously notified, in person and with printed notices, that due to unforeseen circumstances, the Contractor was not able to seal the street as previously notified, that the street will be rescheduled in approximately 1 to 2 weeks, and that they will be renotified. The Contractor shall, on the job site prior to the start of each day's work, have an adequate supply of approved letters of notification to residents for missed streets.



The Contractor shall also post pre-approved printed "NO PARKING-TOW WAY" signs on 1" X 2" wood stakes and barricades at one hundred foot (100') maximum spacing along both sides of the street to be sealed and "NO PARKING" signs at the street corners and at two hundred foot (200') maximum spacing along both sides of the street to be sealed, 48 hours prior to the start of the sealing work. The Contractor shall maintain said signs through the day of work, and shall start the removal of said signs by 4:00 p.m. and complete the removal by 5:00 p.m. on said day of work or as otherwise directed by the Engineer or called for in the preceding paragraph.

The Contractor shall document the day, date and time that the signs are installed because the no parking restriction cannot be enforced until the signs have been in place 24 hours.

Posting of signs on trees, utility poles, light standards and other existing parkway improvement is strictly forbidden.

The "NO PARKING" signs shall contain the day, date and hours that parking will be prohibited on that particular street and a statement that parked vehicles will be towed away at owner's expense per California Vehicle Code CVC 22651L and CVC 22654D.

All printed notices and no parking signs shall be submitted to the Engineer at least 12 calendar days before the first day of work.

Full compensation for compliance with the preceding requirements shall be considered as being included in the various Contract items in the bid schedule and no additional compensation will be allowed therefore.

#### **COOPERATION AND COLLATERAL WORK:**

Cooperation shall be in accordance with Subsection 5-6, "Cooperation," and Subsection 7-7 "Cooperation and Collateral Work," of the Standard Specifications (Greenbook) and these Special Provisions.

The Contractor shall be responsible for ascertaining the nature and extent of any simultaneous collateral, and essential work by others and coordinating with the work by others. The County, other contractors and utilities shall have the right to operate within or adjacent to the work site during the performance of such work.

Should construction be under way by other forces or by other contractors within or adjacent to the limits of the work specified or should work of any other nature be under way by other forces within or adjacent to those limits, the Contractor shall cooperate with all the other contractors or other forces so that any delay or hindrance to their work will be avoided. The right is reserved to perform other or additional work at or near the site (including material sources) at any time, by the use of other forces.

Each contractor shall be responsible to the other for all damages to work, to persons or property caused to the other by their operations, and for loss caused the other due to unnecessary delays or failure to finish the work within the time specified for completion.

The Contractor shall include in the bid all costs involved as a result of coordinating the work with others. The Contractor will not be entitled to additional compensation from the County for damages resulting from such simultaneous, collateral, and essential work. If necessary to avoid or minimize such damage or delay, the Contractor shall re-deploy its work force to other parts of the work.

Should the Contractor be delayed by the County, and such delay could not have been reasonable foreseen or prevented by the Contractor, the Engineer will determine the extent of the delay, the effect on the project, and any extension of time. Should any agency or utility company's work result in delays to the Contractor's work schedule, the Contractor shall be entitled only to an equivalent extension of time for the completion of the contract, and shall not be entitled to damages due to downtime and idled equipment or additional payments over and above the agreed upon unit price.

Compensation for compliance with all collateral work shall be considered as being included in the various Contract items in the bid schedule and no additional compensation will be allowed therefore.

#### **ROADWAY EXCAVATION (CRESTMORE MANOR PARKING):**

Roadway excavation shall conform to the provisions of Section 19 of the Standard Specifications and these Special Provisions.

Roadway excavation shall include:

Existing pavement shall be removed as shown on the plans or as directed by the Engineer. Full compensation for furnishing all labor, tools and doing all the work necessary including grinding, and sawcutting shall be considered as included in the contract prices paid per ton for the various asphalt concrete items and no additional compensation will be allowed therefor.

Existing pavement including any base material shall be cut back to neat lines and removed as shown on the plans or as directed by the Engineer. Excess material will become the property of the Contractor and will be disposed of as provided in Section 7-1.13 of the Standard Specifications.

#### **Method of Payment**

The contract unit bid price paid per cubic yard for Roadway Excavation shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all work involved in Roadway Excavation/Earthwork, including sawcutting, hauling, placement and compaction of the excavated material, removal and disposal of excavated material and as directed by the Engineer and no additional compensation will be allowed therefor.

**REPLACE ASPHALT CONCRETE (CRESTMORE MANOR PARKING):**

The asphalt concrete shall be Type "A" and shall conform to the requirements of Section 39 of the Standard Specifications and the following:

Aggregate grading shall be three-quarter inch (3/4") maximum, medium.

The asphalt lift thickness table, as shown in Section 39-6.01, "General Requirements" of the Standard Specifications, is revised as follows:

Total Thickness Shown on Plans	Minimum No. of Layers	Top Layer Thickness (foot)		Next Lower Layer Thickness (foot)		All Other Lower Layer Thickness (foot)	
		Min.	Max.	Min.	Max.	Min.	Max.
0.24-foot or less <sup>a</sup>	1	-	-	-	-	-	-
0.25-foot	2 <sup>b</sup>	0.12	0.13	0.12	0.13	-	-
0.26 - 0.46 foot	2	0.12	0.21	0.14	0.25	-	-
0.47-foot or more	3 or more	0.15	0.21	0.15	0.25	0.17	0.25

Footnotes to asphalt thickness table are revised as follows:

- a. No Change.
- b. One layer of 0.25 foot thick may be placed as approved by the Engineer. When the Traffic Index specified is 5.5 or below, two layers shall be placed.

**Asphalts:**

Asphalt shall conform to the provisions in this Section, "Asphalts". Section 92, "Asphalts" of the Standard Specifications shall not apply.

Asphalt shall consist of refined petroleum or a mixture of refined liquid asphalt and refined solid asphalt, prepared from crude petroleum. Asphalt shall be:

- 1. Free from residues caused by the artificial distillation of coal, coal tar, or paraffin;
- 2. Free from water;
- 3. Homogeneous.

**General:**

The Contractor shall furnish asphalt in conformance with the State of California Department of transportation's Certification Program for Suppliers of Asphalt". The Department maintains the program requirements, procedures, and a list of approved suppliers at <http://www.dot.ca.gov/hq/esc/Translab/fpmcoc.htm>.

The Contractor shall ensure the safe transportation, storage, use, and disposal of asphalt.

The Contractor shall prevent the formation of carbonized particles caused by overheating asphalt during manufacturing or construction.

**Performance Grade:**

Performance graded (PG) asphalt binder shall conform to the following:

Property	AASHTO Test Method	Specification Grade		
		PG 64-10	PG 64-16	PG 70-10
Original Binder				
Flash Point, Minimum °C	T48	230	230	230
Solubility, Minimum % <sup>b</sup>	T44	99	99	99
Viscosity at 135 °C, Maximum, Pa·s	T316	3.0	3.0	3.0
Dynamic Shear, Test Temp. at 10 rad/s, °C Minimum G'/sin(delta), kPa	T315	64 1.00	64 1.00	70 1.00
RTFO Test <sup>c</sup> , Mass Loss, Maximum, %	T240	1.00	1.00	1.00
RTFO Test Aged Binder				
Dynamic Shear, Test Temp. at 10 rad/s, °C Minimum G'/sin(delta), kPa	T315	64 2.20	64 2.20	70 2.20
Ductility at 25 °C Minimum, cm	T51	75	75	75
PAV <sup>f</sup> Aging, Temperature, °C	R28	100	100	110
RTFO Test and PAV Aged Binder				
Dynamic Shear, Test Temp. at 10 rad/s, °C Maximum G'/sin(delta), kPa	T315	31 <sup>d</sup> 5000	28 <sup>d</sup> 5000	34 <sup>d</sup> 5000
Creep Stiffness, Test Temperature, °C Maximum S-value, Mpa Minimum M-value	T313	0 300 0.300	-6 300 0.300	0 300 0.300

**Notes:**

- a. Not used.
- b. The Engineer will waive this specification if the supplier is a Quality Supplier as defined by Department's "Certification Program for Suppliers of Asphalt".
- c. The Engineer will waive this specification if the supplier certifies the asphalt binder can be adequately pumped and mixed at temperatures meeting applicable safety standards.
- d. Test the sample at 3 °C higher if it fails at the specified test temperature. G' sin(delta) shall remain 5000 kPa maximum.
- e. "RTFO Test" means the asphaltic residue obtained using the Rolling Thin Film Oven Test, AASHTO Test Method T240 or ASTM Designation: D2827.
- f. "PAV" means Pressurized Aging Vessel.

**Applying Asphalt:**

Unless otherwise specified, the Contractor shall heat and apply asphalt in conformance with the provisions in Section 93, "Liquid Asphalts" of the Standard Specifications.

Section 39-2.01, "Asphalts" is replaced in its entirety with the followings:

Asphalt binder to be mixed with aggregate shall conform to the provisions in "Asphalts" of these Special Provisions.

The grade of asphalt binder shall be PG 64-10.

Liquid asphalt for prime coat shall conform to the provisions in Section 93, "Liquid Asphalts" of the Standard Specifications and shall be SC-70-unless otherwise designated by the contract item or otherwise specified in the Special Provisions.

Asphaltic emulsion for paint binder (tack coat) shall conform to the provisions in Section 94, "Asphaltic Emulsion" of the Standard Specifications for the rapid-setting or slow-setting type and grade approved by the Engineer.

Asphaltic emulsion shall be furnished and applied as provided in Section 39-4.02.

Should the methods and equipment furnished by the Contractor fail to produce a layer of asphalt concrete conforming to the provisions, including straightedge tolerance, of Section 39-6.03, "Compacting" of the Standard Specifications or elsewhere in these Special Provisions, the paving operations shall be discontinued and the Contractor shall modify the equipment or methods, or furnish substitute equipment.

**Smoothness:**

Asphalt concrete pavement smoothness shall conform to the surface tolerances specified in the straightedge provisions in Section 39-6.03, "Compacting" of the Standard Specifications.

**Method of Payment**

The contract bid price paid per ton for Hot mix Asphalt shall include full compensation for furnishing all labor, tools, materials, equipment, and incidentals, and for doing all the work involved including the furnishing and applying asphaltic emulsion (paint binder).

At road connections and at limits of asphalt paving, existing pavement shall be header cut as shown on the plans or as directed by the Engineer. Full compensation for furnishing all labor, tools and doing all the work necessary including grinding, and sawcutting shall be considered as included in the contract prices paid per ton for the various asphalt concrete items and no additional compensation will be allowed therefor.

**PREPARING EXISTING ROADBED FOR SLURRY SEAL:**

The surfaces shall be thoroughly cleaned, have herbicide applied and all weeds removed, and have the cracks sealed as defined in the Special Provisions.

Herbicide shall be applied prior to the crack sealing operation.

Before placing the sealing material, the pavement surface shall be cleaned by sweeping, or other means necessary to remove all loose particles of paving, all dirt, loose chips, and all other extraneous material.

Before commencing the sealing operations, all surface metal utility covers, survey monuments and survey markers which were uncovered shall be covered by thoroughly covering the surface with an appropriate adhesive and oiled or plastic paper. No adhesive material shall be permitted