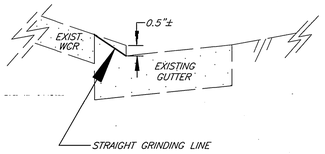
RIVERSIDE CALIFORNIA

CITY OF RIVERSIDE — INCORPORATED 1883

PUBLIC WORKS DEPARTMENT

REHABILITATION OF ARTERIAL STREETS 2000-2001

STPL - 5058 (063)

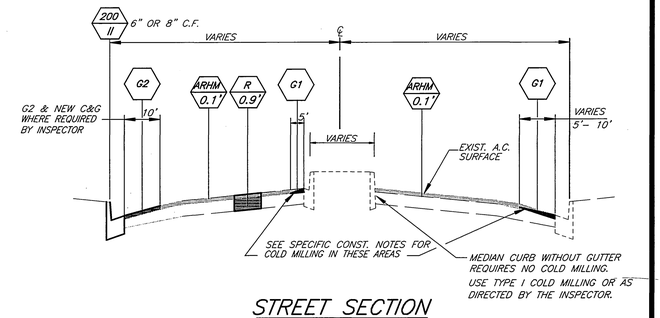


WCR CURB FACE GRINDING DETAIL

N.T.S.

PAVEMENT STRUCTURAL SECTION			
STREET	STREET LIMITS	R-VALUE	A.C. THICK. FT.
CALIFORNIA AVE.	VAN BUREN TO MONROE	60	0.75'
ARLINGTON AVE.	RUTLAND TO VAN BUREN	30	1.15'
CENTRAL AVE.	RIVERSIDE TO MAGNOLIA	55	1.30'
LA SIERRA AVE.	SCHUYLER TO GRAMERCY	20	0.95'

	STREET	LIMITS	T.I	LENGTH	
1	CALIFORNIA AVENUE	VAN BUREN TO MONROE	8.5	5,500'	1.04 MILE
2	ARLINGTON AVENUE	RUTLAND TO VAN BUREN	10.5	4,500'	0.85 MILE
3	CENTRAL AVENUE	RIVERSIDE TO MAGNOLIA	11.0	2,700'	0.51 MILE
4	LA SIERRA AVENUE	SCHUYLER TO GRAMERCY	9.0	5,000'	0.95 MILE
			TOTAL	17,700'	3.35 MILE

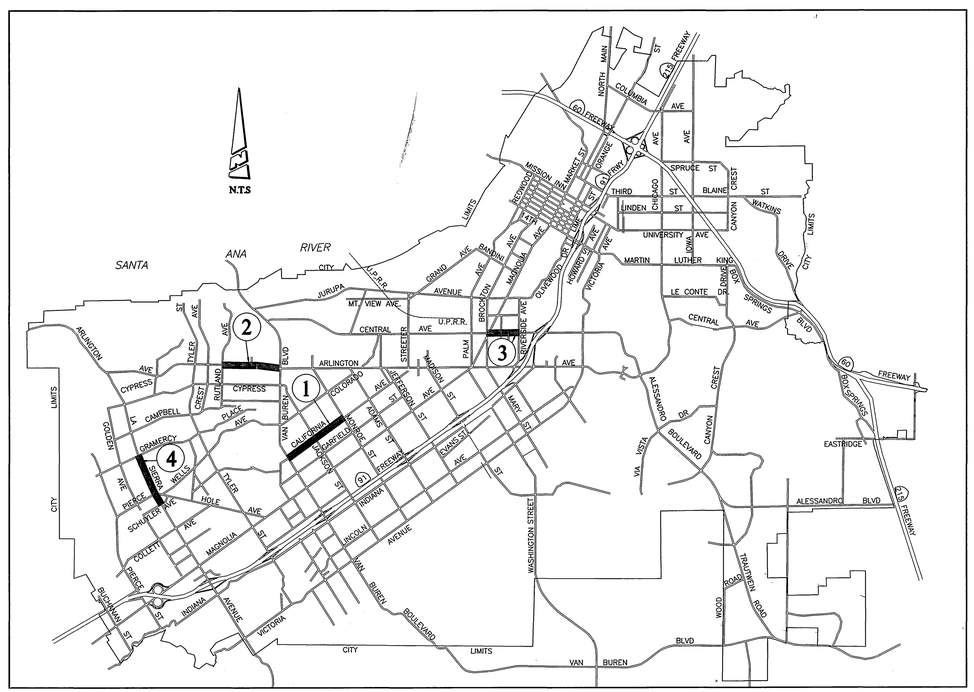


STREET SECTION

N.T.S.

NOTE:
MEDIANS DO NOT EXIST ON ALL STREETS.

REHABILITATION QUANTITIES BY STREET LOCATION							
No.	ITEM	UNIT	CALIFORNIA	ARLINGTON	CENTRAL	LA SIERRA	TOTAL
1	AC Pavement Removal	SY	1,500	2,800	100	1,300	5,700
2	AC Pavement Replacement (DGAC)	TON	800	2,300	100	900	4,100
3	Asphalt Rubber Hot Mix-Gap Graded	TON	3,900	3,200	1,800	3,600	12,500
4	R&R PCC C&G, Std. 200, Type I (6")	LF	1,010	450	150	780	2,390
5	R&R PCC C&G, Std. 200, Type I (8")	LF	200	60	70	100	430
6	PCC RETAINING CURB 0" TO 6" CF	LF	600	280	20	300	1,200
7	PCC BUS STOP 50' X 12'	SF	1,200	1,200	600	600	3,600
8	PCC Sidewalk, Std. 325	SF		3,900			3,900
9	R&R PCC Sidewalk, Std. 325	SF	5,300	100	1,100	3,000	9,500
10	R&R PCC Wheelchair Ramp, Std. 304	SF	4,400	1,700	700	3,000	9,800
11	R&R PCC Cross Gutters, Std. 220	SF	480	650	0	600	1,730
12	R&R PCC Driveway Approach, Std. 302	SF	360	400	540	500	1,800
13	Cold Milling-Type I (5'Wide)	LF	9,300	8,700	4,800	11,000	33,800
14	Cold Milling-Type II (10'Wide)	LF	1,700	500	400	1,200	3,800
15	Cold Milling-Type III (10'Wide)	LF	0	1,000	0	0	1,000
16	Crack Fill (LF of Street) (F)	LF	5,500	4,500	2,700	5,000	17,700
17	Crack Repair (LF of Crack)	LF	2,200	1,800	1,100	2,000	7,100
18	Adjust Sewer or Storm Drain MH. to Grade	EA.	56	42	30	52	180
19	Replace Water Valve Box & Cover (Labor Only)	EA.	11	9	6	9	35
20	Adjust Water Valve Frame and Cover to Grade	EA.	67	50	38	65	220
21	Adjust Water Manhole to Grade	EA.	0	1	1	1	3
22	Adjust Electric Vault to Grade	EA.	0	1	1	0	2
23	Detector Loop Installation	EA.	36	31	54	54	175
24	Type I - Two Way Blue Reflective Marker	EA.	26	18	14	22	80
25	Grind Existing Curb Depression at WCR (DETAIL ABOVE)	EA	9	5	1	5	20
26	GRIND EXISTING SIDEWALK (DETAIL BELOW)	EA	5	2	2	3	12
27	4" SKIP WHITE STRIPE	LF	8,035	7,660	4,155	8,280	28,130
28	4" SOLID WHITE STRIPE	LF	900	350	300	500	2,050
29	4" SOLID DOUBLE YELLOW STRIPE	LF	4,450	6,287	3,745	0	14,480
30	6" SOLID WHITE STRIPE	LF	3,565	7,175	0	2,035	12,775
31	6" DASH WHITE STRIPE	LF	1,665	400	0	100	2,165
32	8" SOLID WHITE STRIPE	LF	400	955	525	1,775	3,655
33	PAVEMENT MARKING	SF	985	1,305	1,135	1,680	5,105



PROJECT LOCATION MAP

0 KM. 1 KM. 5 KM. 10 KM.

0' 3,000' 6,000' 12,000' 18,000' 24,000' 30,000' 36,000'

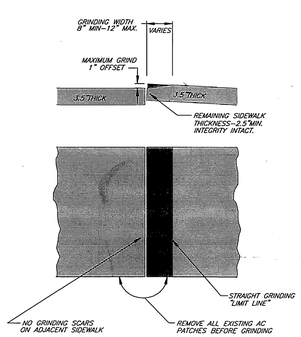
SCALE : 1" = 6,000'

GENERAL CONSTRUCTION NOTES

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2000 EDITION.
2. PRIME CONTRACTORS BIDDING THIS WORK SHALL HAVE A CLASS A OR C-12 LICENSE.
3. THE SEAM BETWEEN PASSES OF THE AC OVERLAY SHALL COINCIDE, AS CLOSE AS POSSIBLE, WITH THE LANE LINES.
4. GRADE SHEETS SHALL BE REQUIRED FOR CURB, C&G OR EDGE OF PAVEMENT REMOVALS GREATER THAN 50' IN LENGTH. THE CONTRACTOR SHALL ALLOW 96 HRS AFTER REQUESTING SURVEY FOR SCHEDULING SURVEY AND PROCESSING GRADE SHEETS FOR REPLACEMENT OF THE IMPROVEMENTS.
5. ALL CRACKS IN PAVEMENT 1/2" TO 1" IN WIDTH SHALL BE FILLED WITH A RUBBERIZED ASPHALT MATERIAL AND ALL CRACKS GREATER THAN 1" IN WIDTH SHALL BE FILLED WITH F-AR-4000 A.C. PRIOR TO APPLICATION OF ARHM - GG (SEE SPECIAL PROVISIONS).
6. MANHOLES AND VALVES WITHIN THE COLD MILLING OR PAVEMENT REPLACEMENT LIMITS SHALL NOT BE ADJUSTED TO GRADE. INSTEAD, ENOUGH COLD MILLING (OR PVMT. REMOVAL BY OTHER MEANS) SHALL BE DONE TO PROVIDE A SMOOTH FINISHED SURFACE TRANSITION AROUND THE COMPLETE CIRCUMFERENCE OF THE STRUCTURE. EXCEPTIONS TO THIS ARE WHERE MH'S AND VALVES ARE WITHIN PVMT. REMOVAL AREAS BUT ARE TOO CLOSE (WITHIN 3') TO THE ADJACENT PROPOSED A.C. OVERLAY.
7. REPLACE DAMAGED TRAFFIC LOOP DETECTORS PER PART 7 OF THE SPECIAL PROVISIONS, (i.e. DAMAGE CAUSED BY COLD MILLING OR A.C. PAVEMENT REMOVAL)
8. EXACT RESURFACING LIMITS SHALL BE VERIFIED WITH THE INSPECTOR PRIOR TO CONSTRUCTION. THE INSPECTOR MAY REQUEST ADDITIONAL COLD MILLING, PAVING, AND PAVEMENT R&R INTO SIDE STREETS TO IMPROVE RIDE QUALITY AND OTHER STREET CONDITIONS.
9. MANHOLES, WATER VALVES AND FIRE HYDRANTS MUST BE LOCATED DURING CONSTRUCTION THE VALVE BOXES MUST BE "TIED OUT" AS PART OF THE CONTRACTORS WORK. TO MAKE MANHOLE AND VALVE BOX ADJUSTMENTS AND BLUE HYDRANT MARKER INSTALLATIONS.
10. PLAN INDICATES APPROXIMATE QUANTITIES OF WORK FOR EACH STREET. ACTUAL REMOVAL AND REPLACEMENT LIMITS OF DETERIORATED PAVEMENT AREAS WILL BE MARKED BY THE INSPECTOR PRIOR TO THE TIME OF CONSTRUCTION. QUANTITIES ARE SHOWN IN THE PLAN TABLE FOR BID ESTIMATING PURPOSES ONLY AND ACTUAL QUANTITIES WILL VARY. THESE QUANTITIES WERE ESTIMATED BY FIELD OBSERVATIONS TO BE SUFFICIENTLY ACCURATE FOR BID PURPOSES.
11. BUS PADS TO BE CONSTRUCTED AT SPECIFIED LOCATIONS PER THE SPECIAL PROVISIONS, THE REINFORCED CONCRETE BUS PAD DETAIL AND AS DIRECTED BY THE ENGINEER.

SPECIFIC CONSTRUCTION NOTES

- ⬢ NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- ARHM / 0.1' — CONSTRUCT ASPHALT RUBBER HOT MIX GAP GRADED (AHRM-GG) OVERLAY. OVERLAY THICKNESS
- G1 — COLD MILL EXIST. AC 0.08' BELOW GUTTER LIP OR OUTER EDGE, "DAY-LIGHTING" IN 5' TYPE I COLD MILLING). THE SURFACE OF AREAS WITH 10' WIDE COLD MILL, SHOWN ON THE PLAN , SHALL BE STRAIGHT GRADED IN ONE PASS FROM 0.1' AT THE OUTSIDE EDGE TO "DAY LIGHT" AT INSIDE EDGE.
- G2 — COLD MILL EXIST. AC 0.2' BELOW EXIST. AC SURFACE OR ADJACENT P.C.C. GUTTER (TYPE II COLD MILLING) STRAIGHT GRADE THE 10' WIDE COLD MILLED STRIP TO "DAY LIGHT" AT THE EXISTING A.C. SURFACE IN ONE PASS.
- R / 0.9' — REMOVE EXISTING PAVEMENT TO SAME DEPTH OF PAVEMENT STRUCTURAL SECTION. CONSTRUCT FULL DEPTH AC STRUCTURAL SECTION AS LISTED IN TABLE ON THIS SHEET.



SIDEWALK GRINDING DETAIL

N.T.S.

IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a Permit to Excavate is will be valid. For your Dig Alert I.D. Number call
CALL TOLL FREE
TWO WORKING DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT
1-800-422-4133

ENGINEER IN RESPONSIBLE CHARGE
Ronald C. Mueller
RONALD C. MUELLER
R.C.E. No. 29510 EXPIRES 3/31/03
DATE 10-4-01

REGISTERED PROFESSIONAL ENGINEER — RONALD C. MUELLER — No. 29510 — Exp. 3-31-03 — CIVIL — STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY ABE DRAWN BY ABE CHECKED BY RCM

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR		
PRINICIPAL ENGINEER		10/8/2001
TRAFFIC DIVISION		
SURVEYOR		10/8/01
INSPECTION		10/8/01
STREET SERVICES		10/8/01

APPROVED BY Thom Bard
PUBLIC WORKS DIRECTOR
DATE 10/8/01

REHABILITATION OF ARTERIAL STREETS 2000-2001 STPL - 5058 (063)

ACCT. NO. JL 9539227152 440223 XX

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SHEET 1 OF 1

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