

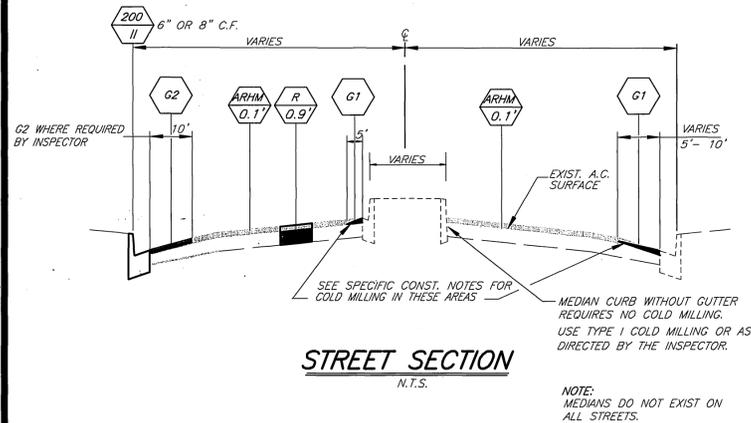
RIVERSIDE CALIFORNIA

INCORPORATED 1883
CITY OF RIVERSIDE

PUBLIC WORKS DEPARTMENT

REHABILITATION OF ARTERIAL STREETS 2003-2004

CITY FUNDED PROJECT



NO.	STREET	STREET LIMITS	LENGTH
1-	ARLINGTON AVE.	McMAHON ST. TO VICTORIA AVE.	0.75 MILE
2-	CALIFORNIA AVE.	MOBLEY AVE. TO TYLER ST.	0.33 MILE
3-	CALIFORNIA AVE.	JEFFERSON ST. TO ARLINGTON AVE.	0.32 MILE
4	BOX SPRINGS BLVD.	R/R TRACKS TO 800' SOUTH OF EASTRIDGE	0.64 MILE
5	WATKINS DR.	SPRUCE ST. TO BIG SPRINGS RD.	1.42 MILE

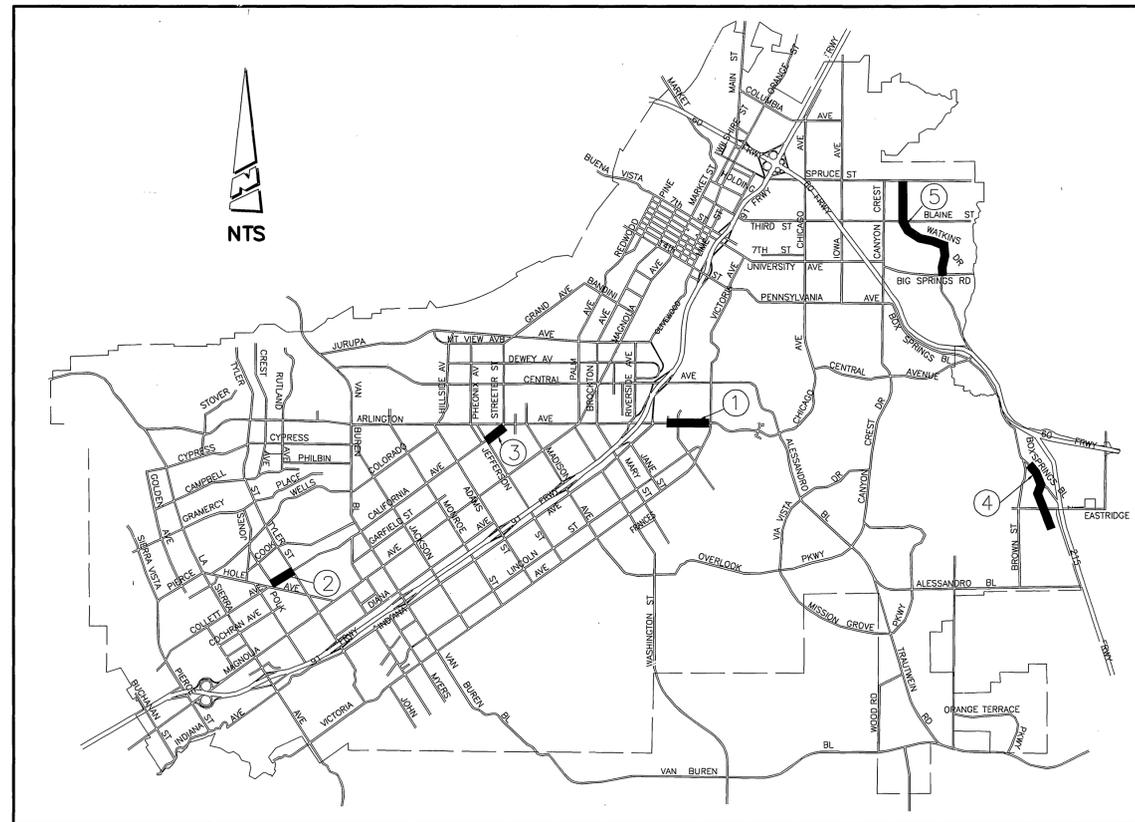
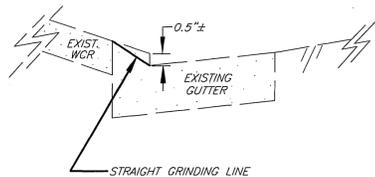
TOTAL LENGTH = **3.46 MILES**

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 PMT. 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 PMT. 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, REINFORCED CONCRETE BUS PAD DETAIL AND AS DIRECTED BY THE ENGINEER.

REHABILITATION QUANTITIES BY STREET LOCATION							
No.	ITEM	UNIT	1-ARLINGTON	2-CALIFORNIA	3-CALIFORNIA	4-BOX SPRINGS	5-WATKINS
1	AC Pavement Removal	SF	42,000	20,100	17,200	20,000	57,800
2	AC Pavement Replacement (OGAC)	TON	3,200	1,600	1,200	1,400	3,300
3	Asphalt Rubber Hot Mix-Gap Graded	TON	2,450	850	680	1,700	5,900
4	R&R PCC C&G, Std. 200, Type I (6"-8" C.F.)	LF	600	300	1,000	500	700
5	PCC RETAINING CURB 0" TO 6" CF	LF	260	200	100	50	100
6	PCC BUS STOP 50' X 12'	SF	1,200		900		
7	R&R PCC Sidewalk, Std. 325	SF	2,200	3,000	1,500	200	2,800
8	R&R PCC Wheelchair Ramp, Std. 304	SF	2,400	1,600	800	400	800
9	R&R PCC Cross Gutters, Std. 220	SF	1,200	0	50	0	0
10	R&R PCC Driveway Approach, Std. 302	SF	200	0	200	400	700
11	Cold Milling-Type I (5' Wide)	LF	9,900	3,200	1,450	4,650	21,100
12	Cold Milling-Type II (10' Wide)	LF	400	250	300	300	1,100
13	Crack Fill (LF of Street) (F)	LF	4,000	1,700	1,550	3,400	10,000
14	Crack Repair (LF of Crack)	LF	1,600	700	650	1,500	5,600
15	Adjust Sewer or Storm Drain MH. to Grade	EA.	23	3	6	8	16
16	Replace Water Valve Box & Cover (Labor Only)	EA.	2	1	1	2	4
17	Adjust Water Valve Frame and Cover to Grade	EA.	11	3	7	18	63
18	Detector Loop Installation	EA.	63	9	18	6	18
19	Type I - Two Way Blue Reflective Marker	EA.	12	4	6	8	16
20	Grind Existing Curb Depression at WCR (DETAIL BELOW)	EA.	9	8	0	0	1
21	4" SKIP WHITE STRIPE	LF	6,450	3,100	2,400	6,550	0
22	4" SOLID WHITE STRIPE	LF	600	250	250	150	18,700
23	4" SOLID DOUBLE YELLOW STRIPE	LF	2,280	1,470	1,300	3,050	22,360
24	6" SOLID WHITE STRIPE	LF	4,565	2,600	1,800	0	19,900
25	6" DASH WHITE STRIPE	LF	685	490	200	0	1,565
26	8" SOLID WHITE STRIPE	LF	1,250	100	125	150	1,220
27	PAVEMENT MARKING	SF	1,280	360	265	670	2,965

NOTE:
AT CALIFORNIA BETWEEN JEFFERSON AND ARLINGTON
* AT TIME OF CONSTRUCTION CURB AND GUTTER REMOVAL LIMITS WILL BE DETERMINED BY THE ENGINEER TO IMPROVE DRAINAGE CONDITIONS AT SOUTHERLY SIDE OF JEFFERSON.
** BUS PAD SHALL BE 75'X12'



PROJECT LOCATION MAP

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 0.17 CONSTRUCT ASPHALT RUBBER HOT MIX GAP GRADED (ARHM-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, 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.

PAVEMENT STRUCTURAL SECTION				
NO.	STREET	STREET LIMITS	R-VALUE	A.C. THICK. FT.
1	ARLINGTON AVE.	McMAHON ST. TO VICTORIA AVE.	40	0.90'
2	CALIFORNIA AVE.	MOBLEY AVE. TO TYLER ST.	10	0.95'
3	CALIFORNIA AVE.	JEFFERSON ST. TO ARLINGTON AVE.	30	0.85'
4	BOX SPRINGS BLVD.	R/R TRACKS TO S'LY EOS	34	0.85'
5	WATKINS DR.	SPRUCE ST. TO BIG SPRINGS	39	0.70'



ENGINEER IN RESPONSIBLE CHARGE

Philip L. Hannawi
R.C.E. No. 44747 EXPIRES 3/31/2006
DATE 4/15/2005

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]* DATE: 4/15/05
PRINCIPAL ENGINEER: *[Signature]* DATE: 4/15/05
CONSTR. ADMIN.: *[Signature]* DATE: 4/15/05
SURVEYOR: *[Signature]* DATE: 4/15/05
TRAFFIC DIVISION: *[Signature]* DATE: 4/15/05

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ACCT. NO. 9576230214-4403020X
R-3832
SHEET 1 OF 1
FILE NO.