

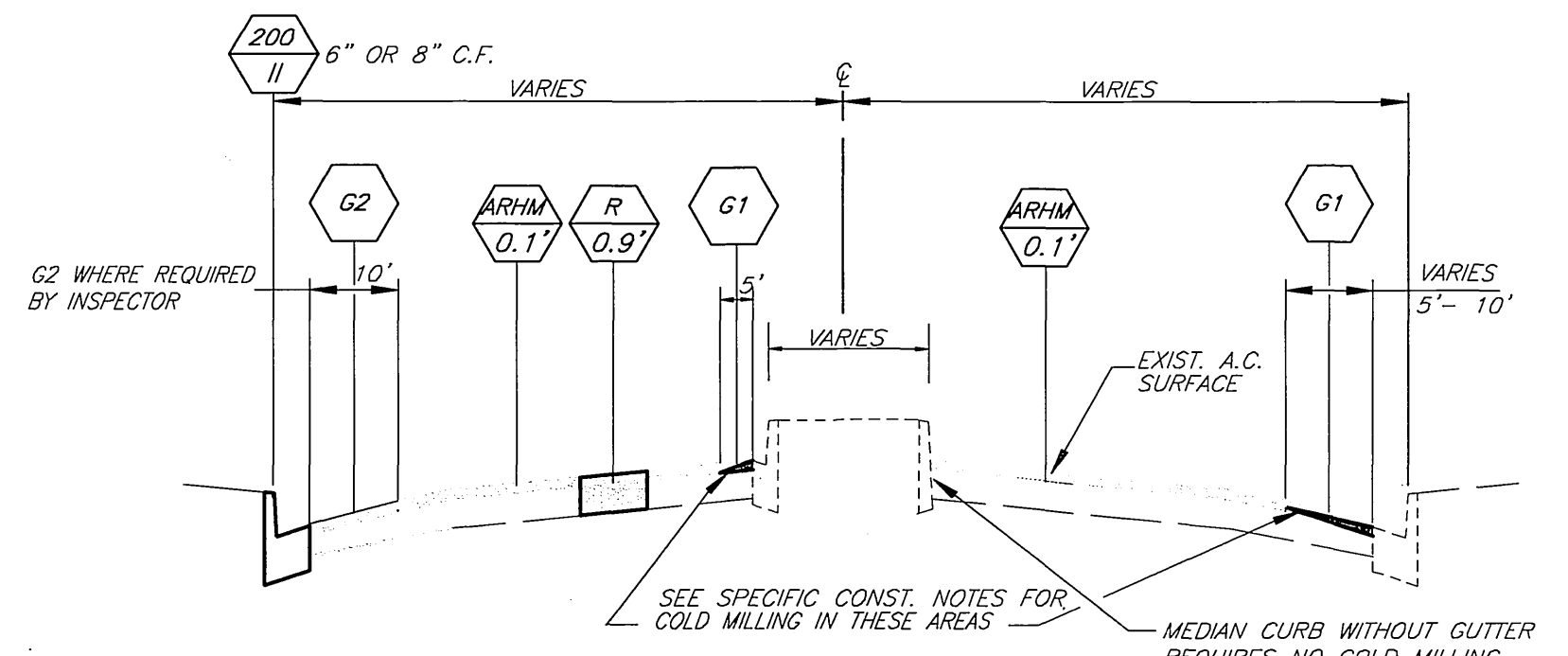
RIVERSIDE CALIFORNIA

INCORPORATED 1885
CITY OF RIVERSIDE

PUBLIC WORKS DEPARTMENT

REHABILITATION OF ARTERIAL STREETS 2002-2003

STPL - 5058 (071)



STREET SECTION
N.T.S.

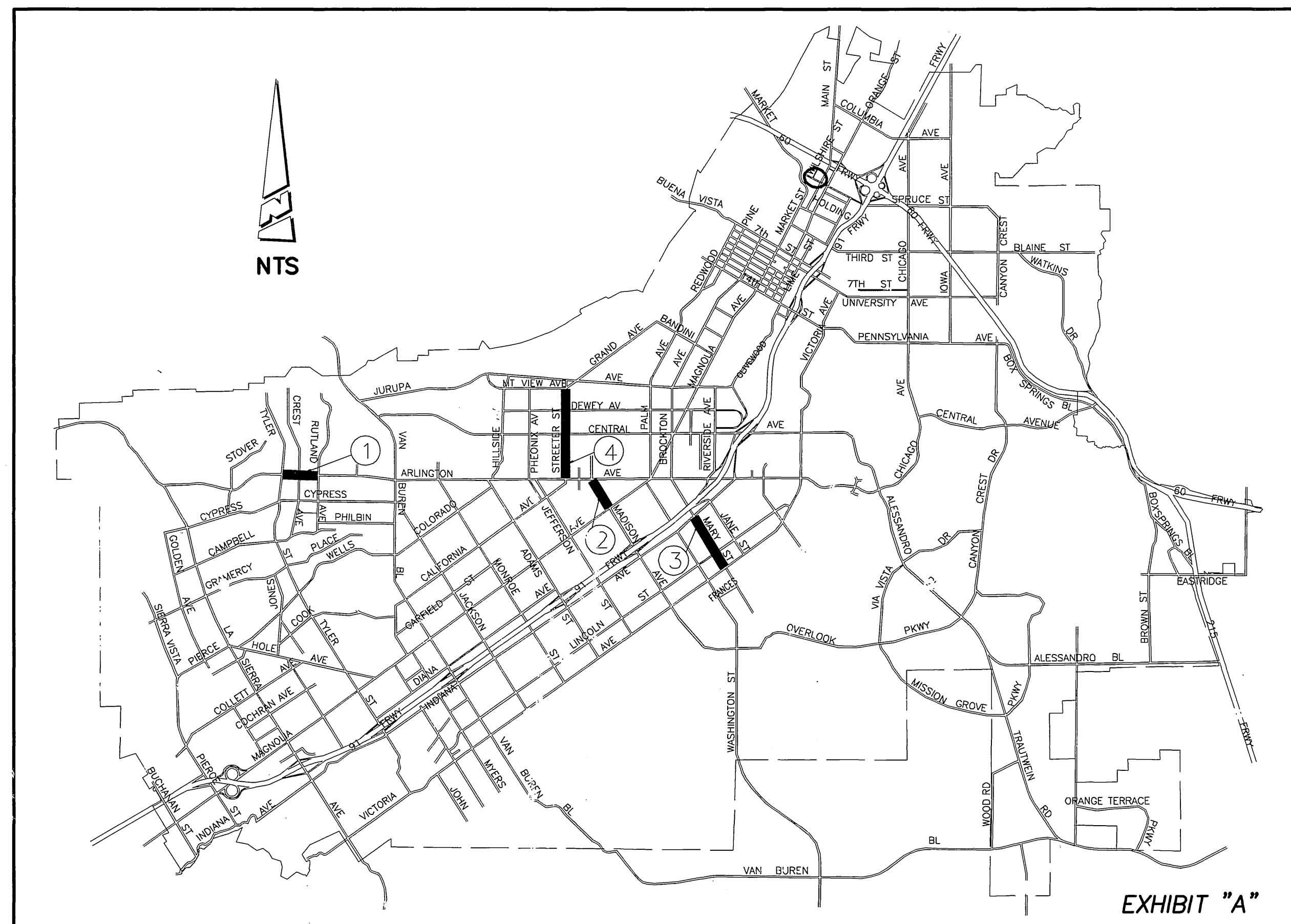
NOTE:
MEDIAN CURB WITHOUT GUTTER
REQUIRES NO COLD MILLING.
USE TYPE I COLD MILLING OR AS
DIRECTED BY THE INSPECTOR.

NO.	STREET	STREET LIMITS	LENGTH
1-	ARLINGTON AVE.	TYLER TO RUTLAND	0.53 MILE
2-	MADISON ST.	MAGNOLIA TO ARLINGTON	0.38 MILE
3-	MARY ST.	VICTORIA TO INDIANA	0.85 MILE
4-	STREETER AVE.	ARLINGTON TO MT. VIEW	1.00 MILE
TOTAL LENGTH =			2.76 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 PAVEMENT 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 PAVEMENT 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	ARLINGTON	MADISON	MARY	STREETER	TOTAL
1	AC Pavement Removal	SF	22,700	8,900	31,300	17,200	80,100
2	AC Pavement Replacement (DGAC)	TON	2,130	920	1,370	1,060	5,480
3	Asphalt Rubber Hot Mix-Gap Graded	TON	1,730	740	2,300	3,060	7,830
4	R&R PCC C&G, Std. 200, Type I (6")	LF	300	550	200	1,200	2,250
5	PCC RETAINING CURB 0" TO 6" CF	LF	50	200	25	600	875
6	PCC BUS STOP 50' X 12'	SF	600	0	0	600	1,200
7	R&R PCC Sidewalk, Std. 325	SF	900	1,000	700	3,200	5,800
8	R&R PCC Wheelchair Ramp, Std. 304	SF	400	1,600	200	4,800	7,000
9	R&R PCC Cross Gutters, Std. 220	SF	0	210	0	730	940
10	R&R PCC Driveway Approach, Std. 302	SF	1,500	300	800	650	3,250
11	Cold Milling-Type I (5Wide)	LF	5,300	3,650	7,650	10,000	26,600
12	Cold Milling-Type II (10Wide)	LF	250	450	850	650	2,200
13	Crack Fill (LF of Street) (F)	LF	2,800	2,000	4,500	5,300	14,600
14	Crack Repair (LF of Crack)	LF	1,260	900	2,025	2,415	6,600
15	Adjust Sewer or Storm Drain MH. to Grade	EA.	5	5	18	33	61
16	Adjust Water Valve Frame and Cover to Grade	EA.	10	7	35	49	110
17	Adjust Electric Manhole to Grade	EA.	0	2	0	0	2
18	Detector Loop Installation	EA.	36	19	27	66	148
19	Type I - Two Way Blue Reflective Marker	EA.	13	5	14	28	60
20	Grind Existing Curb Depression at WCR (Detail Above)	EA	1	0	4	5	10
21	4" SKIP WHITE STRIPE	LF	4,700	3,600	7,770	7,030	23,100
22	4" SOLID WHITE STRIPE	LF	200	212	400	850	1,662
23	4" SOLID DOUBLE YELLOW STRIPE	LF	4,900	3,300	3,730	3,920	15,850
24	6" SOLID WHITE STRIPE	LF	5,180	0	0	0	5,180
25	6" DASH WHITE STRIPE	LF	1,200	0	0	0	1,200
26	8" SOLID WHITE STRIPE	LF	900	300	400	850	2,450
27	PAVEMENT MARKING	SF	1,365	460	1,320	1,915	5,060

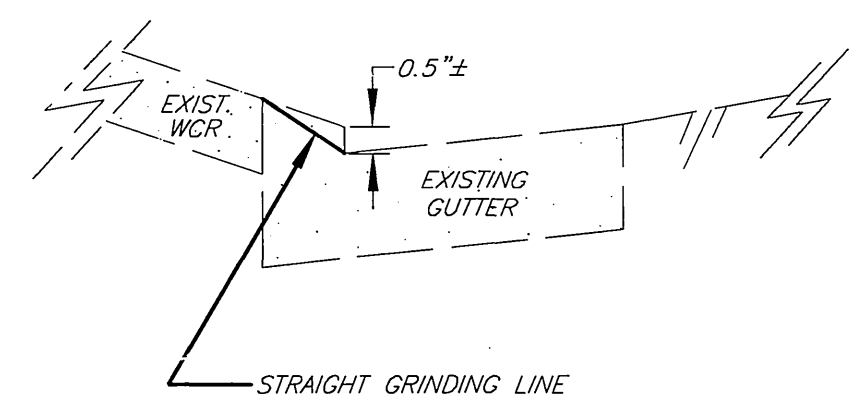


PROJECT LOCATION MAP

PAVEMENT STRUCTURAL SECTION			
STREET	STREET LIMITS	R-VALUE	A.C. THICK. FT.
ARLINGTON AVE.	TYLER TO RUTLAND	17	1.25'
MADISON ST.	MAGNOLIA TO ARLINGTON	49	0.69'
MARY ST.	VICTORIA TO INDIANA	50	0.58'
STREETER AVE.	ARLINGTON TO MT. VIEW	38	0.38'

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 - 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, SHG IN 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. CUTTER (TYPE II COLD MILLING) SHG IN ON THE PLAN, 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.



WCR CURB FACE GRINDING DETAIL
N.T.S.

* AS-BUILT PER PLANS 7-07-05 LHM

IMPORTANT NOTICE
Section 4216, 4217 of the Government Code requires a Dig Alert identification Number to be placed before a "Dig Alert" is placed. 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
PHILIP L. HANNAWAY
R.C.E. No. 44747 EXPIRES 3/31/2006
DATE 6/2/04

REGISTERED PROFESSIONAL ENGINEER
PHILIP L. HANNAWAY
No. 44747
Exp. 3-31-2006
CIVIL
STATE OF CALIFORNIA

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER	DA	6/2/04	PHILIP L. HANNAWAY
TRAFFIC DIVISION SURVEYOR	DB	6/2/04	
INSPECTION			
STREET SERVICES			

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SHEET 1 OF 1

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