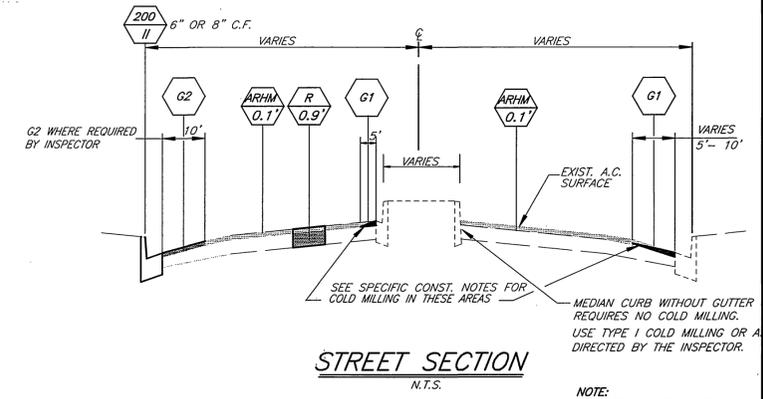
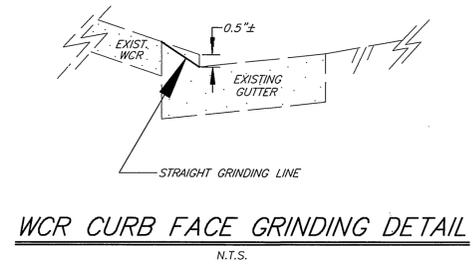


RIVERSIDE CITY OF RIVERSIDE CALIFORNIA

PUBLIC WORKS DEPARTMENT

REHABILITATION OF ARTERIAL STREETS 2001-2002

STPL - 5058 (069)



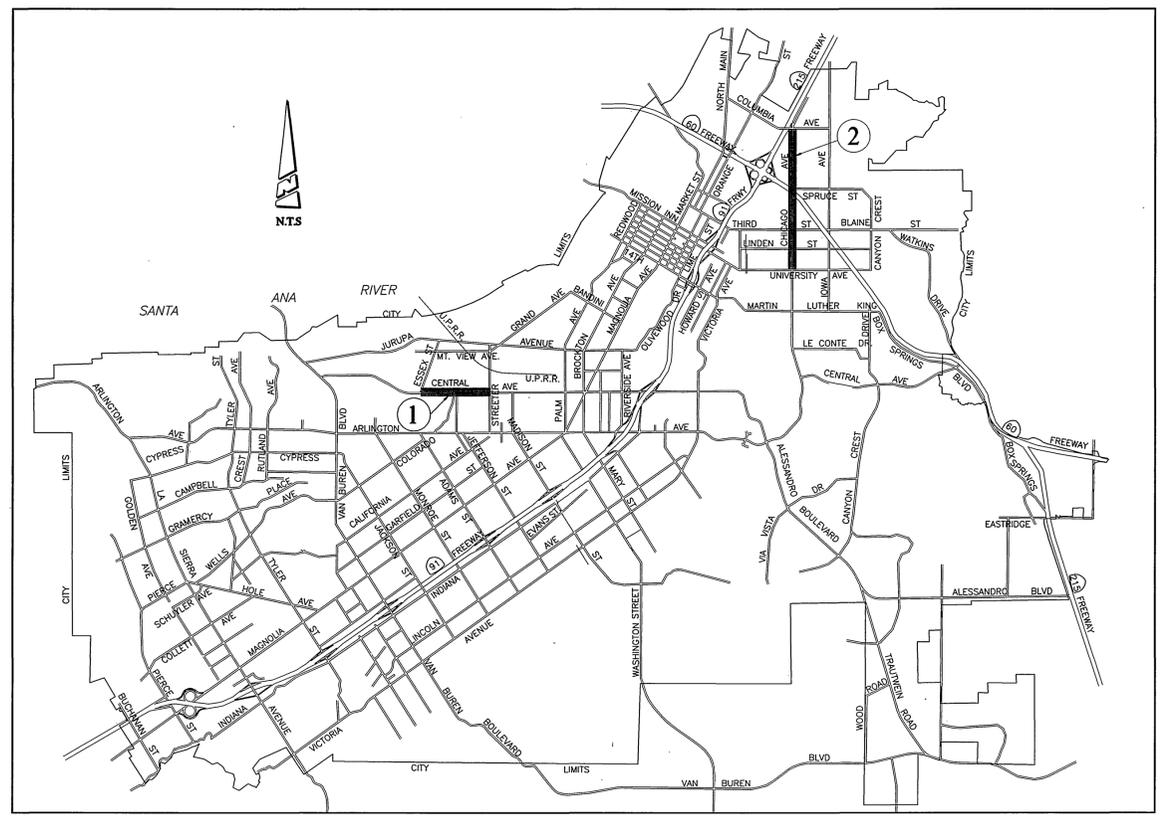
PAVEMENT STRUCTURAL SECTION			
STREET	STREET LIMITS	R-VALUE	A.C. THICK. FT.
CENTRAL AVE.	ESSEX TO STREETER	22	1.10
CHICAGO AVE.	UNIVERSITY TO COLUMBIA	42	0.90

STREET	LIMITS	T.I	LENGTH
① CENTRAL AVENUE	ESSEX TO STREETER	9.5	4,000' 0.76 MILE
② CHICAGO AVENUE	UNIVERSITY TO COLUMBIA	10.0	9,300' 1.76 MILE
TOTAL			13,300' 2.52 MILE

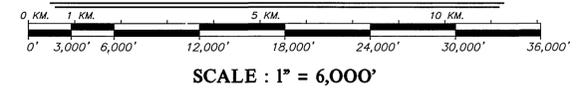
REHABILITATION QUANTITIES BY STREET LOCATION					
No.	ITEM	UNIT	CENTRAL	CHICAGO	TOTAL
1	AC Pavement Removal	SF	24,000	70,000	94,000
2	AC Pavement Replacement (DGAC)	TON	2,200	5,200	7,400
3	Asphalt Rubber Hot Mix-Gap Graded	TON	2,000	5,500	7,500
4	AC Pavement Leveling Course	TON	0	1,400	1,400
5	R&R PCC C&G, Std. 200, Type I (6")	LF	80	1,820	2,000
6	R&R PCC C&G, Std. 200, Type I (8")	LF	0	20	20
7	PCC RETAINING CURB 0" TO 6" CF	LF	0	500	500
8	PCC BUS STOP 50' X 12'	SF	0	2,400	2,400
9	R&R AC Wheelchair Ramp, Std. 304	SF	180	270	450
10	R&R AC Berm, Std. 250 TYPE I	LF	25	200	225
11	R&R PCC Sidewalk, Std. 325	SF	300	1,600	1,900
12	R&R PCC Wheelchair Ramp, Std. 304	SF	000	3,500	3,500
13	R&R PCC Cross Gutters, Std. 220	SF	000	400	400
14	R&R PCC Driveway Approach, Std. 302	SF	100	1,000	1,100
15	Cold Milling-Type I (5'Wide)	LF	3,500	12,500	16,000
16	Cold Milling-Type II (10'Wide)	LF	500	800	1,300
17	Cold Milling-Type III (10'Wide)	LF	0	1,000	1,000
18	Crack Fill (LF of Street) (F)	LF	4,000	9,300	13,300
19	Crack Repair (LF of Crack)	LF	1,600	3,800	5,400
20	Adjust Sewer or Storm Drain MH. to Grade	EA.	22	38	60
21	Adjust Sewer Cleanout	EA.	3	1	4
22	Replace Water Valve Box & Cover (Labor Only)	EA.	5	10	15
23	Adjust Water Valve Frame and Cover to Grade	EA.	28	62	90
24	Adjust Water Manhole to Grade	EA.	0	3	3
25	Adjust Electric Vault to Grade	EA.	2	8	10
26	Detector Loop Installation	EA.	45	69	114
27	Type I - Two Way Blue Reflective Marker	EA.	6	34	40
28	Grind Existing Curb Depression at WCR (DETAIL ABOVE)	EA.	10	21	31
29	4" Skip White Stripe (12" Stripe, 36" Gap)	LF	6,400	16,335	22,735
30	4" Solid White Stripe	LF	400	600	1,000
31	4" Solid Double Yellow Stripe	LF	2,800	4,950	7,750
32	8" Solid White Stripe	LF	710	2,880	3,590
33	8" Skip White Stripe (4' Stripe, 8' Gap)	LF	0	300	300
34	Pavement Markings	SF	1,100	2,580	3,680

GENERAL CONSTRUCTION NOTES

- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2000 EDITION.
- PRIME CONTRACTORS BIDDING THIS WORK SHALL HAVE A CLASS A OR C-12 LICENSE.
- THE SEAM BETWEEN PASSES OF THE AC OVERLAY SHALL COINCIDE, AS CLOSE AS POSSIBLE, WITH THE LANE LINES.
- 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.
- 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).
- MANHOLES AND VALVES WITHIN THE COLD MILLING OR PAVEMENT REPLACEMENT LIMITS SHALL NOT BE ADJUSTED TO GRADE. INSTEAD, ENOUGH COLD MILLING (OR PAVT. 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 PAVT. REMOVAL AREAS BUT ARE TOO CLOSE (WITHIN 3') TO THE ADJACENT PROPOSED A.C. OVERLAY.
- REPLACE DAMAGED TRAFFIC LOOP DETECTORS PER PART 7 OF THE SPECIAL PROVISIONS, (I.E. DAMAGE CAUSED BY COLD MILLING OR A.C. PAVEMENT REMOVAL).
- 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.
- 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.
- 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.
- BUS PADS TO BE CONSTRUCTED AT SPECIFIED LOCATIONS PER THE SPECIAL PROVISIONS, REINFORCED CONCRETE BUS PAD DETAIL AND AS DIRECTED BY THE ENGINEER.

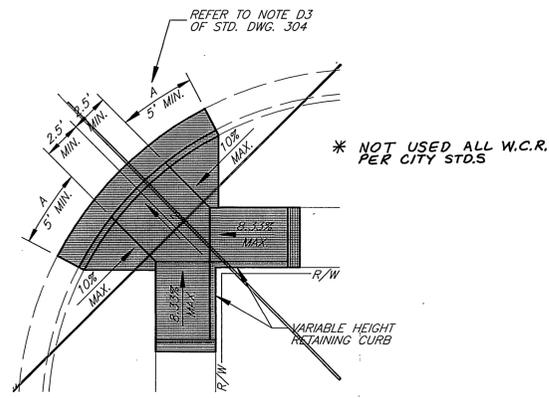


PROJECT LOCATION MAP



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.
- CONSTRUCT ASPHALT RUBBER HOT MIX GAP GRADED (ARHM-GG) OVERLAY.
- 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.
- 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.
- REMOVE EXISTING PAVEMENT TO SAME DEPTH OF PAVEMENT STRUCTURAL SECTION. CONSTRUCT FULL DEPTH AC STRUCTURAL SECTION AS LISTED IN TABLE ON THIS SHEET.



WHEELCHAIR RAMP TYPE IV MODIFIED STD. DWG. 304

NOTE: THIS DETAIL SUPERCEED TYPE IV OF STD. DWG. 304 INCLUDED IN SPECIAL PROVISIONS.

NO SCALE

IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires a Dig Alert identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert ID 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 3/31/2008
DATE 1/13/03

REGISTERED PROFESSIONAL ENGINEER
PHILIP L. HANNAWAY
No. 44747
Exp. 3-31-2008
CIVIL
STATE OF CALIFORNIA

DESIGNED BY	ABE	DRAWN BY	ABE	CHECKED BY	
MARK		REVISIONS		APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE	APPROVED BY
DEPUTY P.W. DIRECTOR			
PRINCIPAL ENGINEER			
TRAFFIC DIVISION SUPERVISOR			
INSPECTION			
STREET SERVICES			

DATE 1/13/03

REHABILITATION OF ARTERIAL STREETS 2001-2002 STPL - 5058 (069)

ACCT. NO. J. 9543030214 440302 XX
ACCT. NO. J. 9543028711 440125 XX
R-3682
SHEET 1 OF 1
FILE NO. P:\ABE\R3620-01-DWG

* AS-BUILT PER PLAN 12-31-03 LHM