

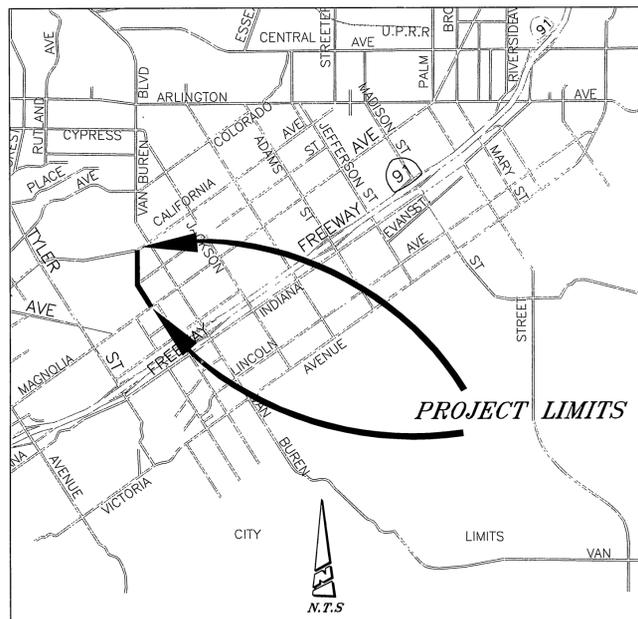
GENERAL NOTES:

- PRIME CONTRACTOR BIDDING THIS PROJECT SHALL HAVE A CLASS "A" OR CLASS "C-12" LICENSE.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS AND THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION", 2009 EDITION.
- THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WITHIN THE CONSTRUCTION WORK AREAS. MH'S & WATER VALVES SHALL BE "TIED OUT" PRIOR TO PAVEMENT OVERLAY WORK FOR SUBSEQUENT ADJUSTMENT WORK.
- ANY TEMPORARY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN ONE DAY AFTER NOTIFICATION FROM THE CITY INSPECTOR.
- IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR AFTER COLD-MILLING AND PRIOR TO OVERLAYING WITH ARHM-GG PAVING.
- WHERE NEW PAVEMENT IS TO JOIN THE EXISTING PAVEMENT, THE EDGE OF THE EXISTING PAVEMENT SHALL BE TRIMMED IN A SMOOTH AND STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
- STREET IMPROVEMENT WORK THAT WILL CAUSE DAMAGE TO THE DETECTOR LOOP'S SHALL NOT BE PERFORMED UNTIL TRAFFIC SIGNAL MAINTENANCE PERSONNEL HAVE BEEN NOTIFIED AND THE NECESSARY TIMING ADJUSTMENTS ARE MADE TO MAINTAIN SIGNAL OPERATION.
- THE CONTRACTOR IS RESPONSIBLE FOR THE FINAL STRIPING AND PAVEMENT MARKING. STRIPING AND PAVING WORK SHALL BE COMPLETED PER PLANS, CITY STANDARDS AND SPECIAL PROVISIONS.
- SURVEY STAKING REQUESTS AND GRADE SHEETS ARE REQUIRED FOR THE REPLACEMENT OF ALL CURBS AND/OR GUTTER OVER 50' IN LENGTH. SURVEY REQUESTS SHALL BE SUBMITTED AFTER THE EXISTING IMPROVEMENTS HAVE BEEN REMOVED. CONTRACTOR SHALL ALLOW 4 WORKING DAYS AFTER REQUESTING SURVEY TO SCHEDULE SURVEY AND PROCESS GRADE SHEETS. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL FOR ALL REQUIRED CONSTRUCTION SURVEY WORK BY CITY PERSONNEL. NO STAKING WILL BE REQUIRED FOR SIDEWALK, DWY APPROACHES AND WHEELCHAIR RAMP CONSTRUCTION.
- ALL MANHOLE AND UTILITY COVERS SHALL BE ADJUSTED FROM FLUSH TO 0.25" ABOVE THE FINISHED GRADE OF THE ADJACENT PAVEMENT WITHIN 48 HOURS OF FINAL PAVING.
- THE INSPECTOR MAY DIRECT COLD-MILLING AND PAVING INTO SIDE STREETS TO IMPROVE THE RIDE QUALITY AND OTHER STREET CONDITIONS.
- WATER VALVES AND FIRE HYDRAUNTS MUST BE LOCATED DURING CONSTRUCTION TO MAKE VALVE BOX AND COVER ADJUSTMENTS AND FIRE HYDRANT BLUE MARKER INSTALLATIONS. THE VALVE BOXES MUST BE "TIED OUT" AS PART OF THE CONTRACTOR'S WORK.
- PAVEMENT PREPARATION SHALL CONSIST OF REMOVAL AND REPLACEMENT (R&R) OF DETERIORATED PAVEMENT AREAS AS MARKED IN THE FIELD AND DIRECTED BY THE INSPECTOR AT THE TIME OF CONSTRUCTION. QUANTITIES SHOWN ARE APPROXIMATE AND BASED UPON ALL PREMARKED REMOVAL AND REPLACEMENT SECTIONS AS DESCRIBED IN NOTE 1 OF THE CONSTRUCTION NOTES.
- THE SEAM BETWEEN PASSES OF THE AC OVERLAY SHALL COINCIDE, AS CLOSE AS POSSIBLE, TO THE LANE LINES.
- COLD MILLING SHALL BE AS SHOWN ON PLANS, AS DIRECTED BY THE ENGINEER AND AS DESCRIBED IN SPECIAL PROVISIONS.
- THIS PROJECT HAS APPROXIMATELY 2 RECONSTRUCTED WHEELCHAIR RAMPS. MOST RAMPS REQUIRE THE REMOVAL AND REPLACEMENT OF APPROXIMATELY 100 TO 150 SF OF RAMP AREA, 50 TO 100 SF OF SIDEWALK, 30 LF OF CURB AND GUTTER, 30 LF OF NEW RETAINING CURB. SOME RAMPS MAY REQUIRE APPROXIMATELY 200 SF OF ASPHALT CONCRETE PAVEMENT REMOVAL AND REPLACEMENT FOR CROSS-FALL. THESE QUANTITIES ARE APPROXIMATE AND MAY CHANGE ACCORDING TO EACH RAMP TYPE AND SITE CONDITIONS. RAMPS SHALL BE CONSTRUCTED PER CITY STANDARDS, ADA REQUIREMENTS AND AS DIRECTED BY THE ENGINEER. AREAS FOR REMOVAL SHALL BE MARKED BY THE CONTRACTOR AND ACCEPTED BY THE CITY ENGINEER AT THE TIME OF CONSTRUCTION.

RIVERSIDE CALIFORNIA



PUBLIC WORKS DEPARTMENT 2009-2010 WARD 6 HARRISON STREET PAVEMENT REHABILITATION MAGNOLIA AVENUE TO CALIFORNIA AVENUE (A HUD FUNDED PROJECT)



**LOCATION MAP
QUANTITIES TABLE**

#	STREET NAME	STREET LIMIT	STREET LIMIT	STREET LENGTH (LF)	STREET AREA (SF)	AC REMOVAL (SF)	AC REPLACE (TON)	AC OVERLAY (TON)	R&R SIDEWALK (SF)	R&R CURB & GUTTER (LF)	R&R X-GUTTER (SF)	WHEELCHAIR RAMP (EA)	COLD-MILLING TYPE 1 5" (LF)	COLD-MILLING TYPE 1 10" (LF)	ADJ MANHOLES (EA)	ADJUST VALVES (EA)	CRACK FILL & REPAIR (LF)
1	Harrison St	Magnolia Ave	California Ave	2900	136,960	37,150	1280	1232	512	153	576	2	2,200	450	6	27	2900

CONSTRUCTION LEGEND:

- STREET CENTERLINE
- - - - - STREET R/W
- E.P.

- TC TOP OF CURB
- EP EDGE OF PAVEMENT
- FL FLOWLINE
- FS FINISHED SURFACE
- CL CENTERLINE
- AC ASPHALTIC CONCRETE
- PCC PORTLAND CEMENT CONCRETE
- C&G CURB AND GUTTER
- R/W RIGHT OF WAY
- STA STREET STATION
- PI POINT OF INTERSECTION
- APN ASSESSORS PARCEL NUMBER
- RCP REINFORCED CONCRETE PIPE
- N'LY NORTHERLY
- S'LY SOUTHERLY

EXISTING UNDERGROUND UTILITIES:

- SANITARY SEWER (S) ---
- WATER LINE ---
- GAS LINE ---
- UNDERGROUND ELECTRIC (UGE) ---
- OVERHEAD ELECTRIC (OHE) ---

SHEET INDEX:

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2 TO ?	HARRISON ST REHAB PLANS

CONSTRUCTION NOTES:

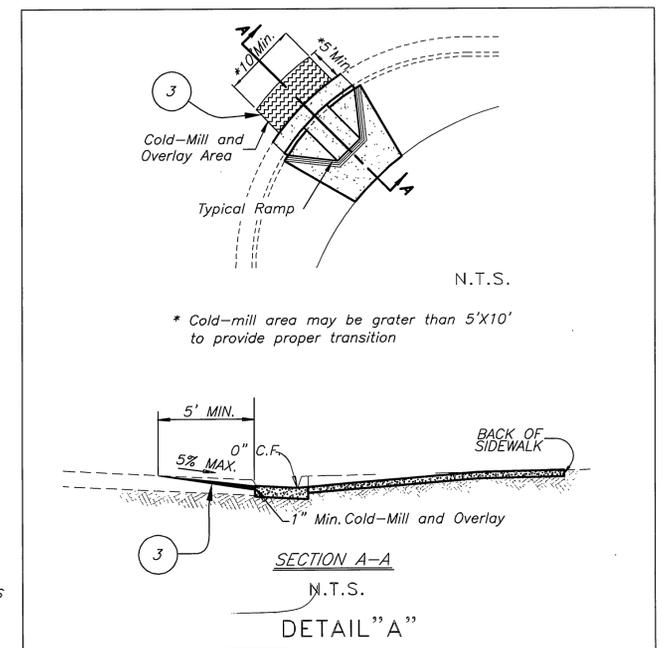
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- CMT COLD MILL EXISTING ASPHALT CONCRETE PAVEMENT (TYPE 1, 5' AND/OR 10' WIDE) AS SHOWN ON PLANS AND AS DIRECTED BY THE ENGINEER
- PIP PROTECT IN PLACE, DESCRIPTION PER PLAN
- OL OVERLAY THE ENTIRE PAVEMENT WIDTH WITH VARIABLE THICKNESS A.R.H.M.-GG (MINIMUM DEPTH=0.1')
- 304 CONSTRUCT WHEELCHAIR RAMP PER STD 304
- 1 SAW-CUT AND REMOVE EXISTING DETERIORATED ASPHALT CONCRETE PAVEMENT AND PORTION OF BASE OR SUBBASE AND REPLACE IT WITH 5" D.G.A.C. IN TWO LIFTS. (ALL REMOVAL AREAS SHALL BE MARKED BY THE ENGINEER PRIOR TO REMOVAL OPERATION)
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- 3 IF THE CROSS FALL OF THE EXISTING PAVEMENT AT THE WHEELCHAIR RAMP EXCEEDS 5%, ADJACENT PAVEMENT SHALL BE CONSTRUCTED PER DETAIL "A" (SHEET 1 OF 3)
- 4 REMOVE AND REPLACE EXISTING SIDEWALK PER STD DRAWING 325
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NOTE:

ACCORDING TO THE AS-BUILT PLAN "R-3041", SOME AREA OF THE PROJECT CONTAINS FABRIC AT A DEPTH OF 0.17' FROM SURFACE OF EXISTING PAVEMENT. TO PROTECT FABRICS FROM PULLING AND TEARING, MARKED AC AREAS SHALL BE REMOVED BY SAW CUT.

EXISTING TOPOGRAPHY:

- ⊙ SANITARY SEWER M.H.
- ⊙ STORM DRAIN M.H.
- ⊙ WATER GATE VALVE
- ⊙ ELECTRIC M.H.
- ⊙ TELEPHONE M.H.
- ⊙ WATER METER
- ⊙ FIRE HYDRANT
- ⊙ IRRIGATION METER
- ⊙ BLOW-OFF VALVE
- ⊙ TRAFFIC SIGN
- ⊙ POWER POLE
- ⊙ GUY ANCHOR
- ⊙ STREET LIGHT ON MAST ARM
- 🌴 PALM TREE
- 🌳 MISC. TREE
- TREE STUMP
- 📏 TOP OF SLOPE
- 📏 TCE OF SLOPE
- ➔ DIRECTION DRAINAGE FLOW
- EDGE OF PAVEMENT



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ENGINEER IN RESPONSIBLE CHARGE
Ibrahim A. Massoud
IBRAHIM A. MASSOUD
R.C.E. No. 64224 expires 6/30/11
DATE 1/27/2010

DESIGNED BY: AE
DRAWN BY: AE
CHECKED BY: IT

APPROVED BY: [Signature]
DATE: 1/29/10

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

2009-2010 WARD 6
HARRISON STREET
PAVEMENT REHABILITATION
MAGNOLIA AVE TO CALIFORNIA AVE
HORIZ. SCALE: 1"=40'

ACCT. NO. 9113800611
W.J. NO. 1014101
R-4152
SHEET 1 OF 3
FILE NO.

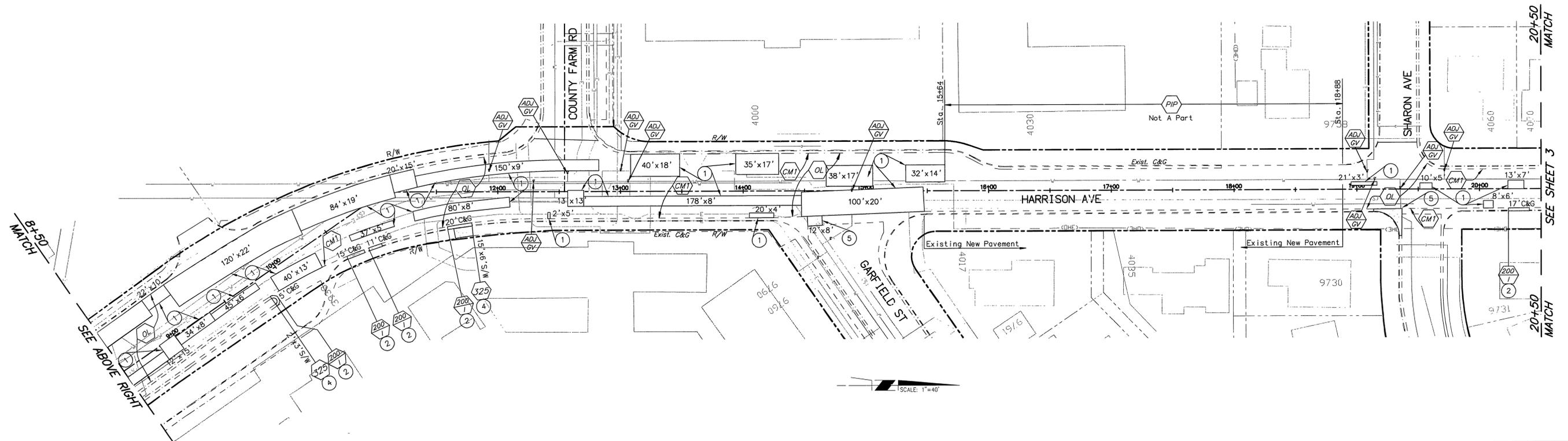
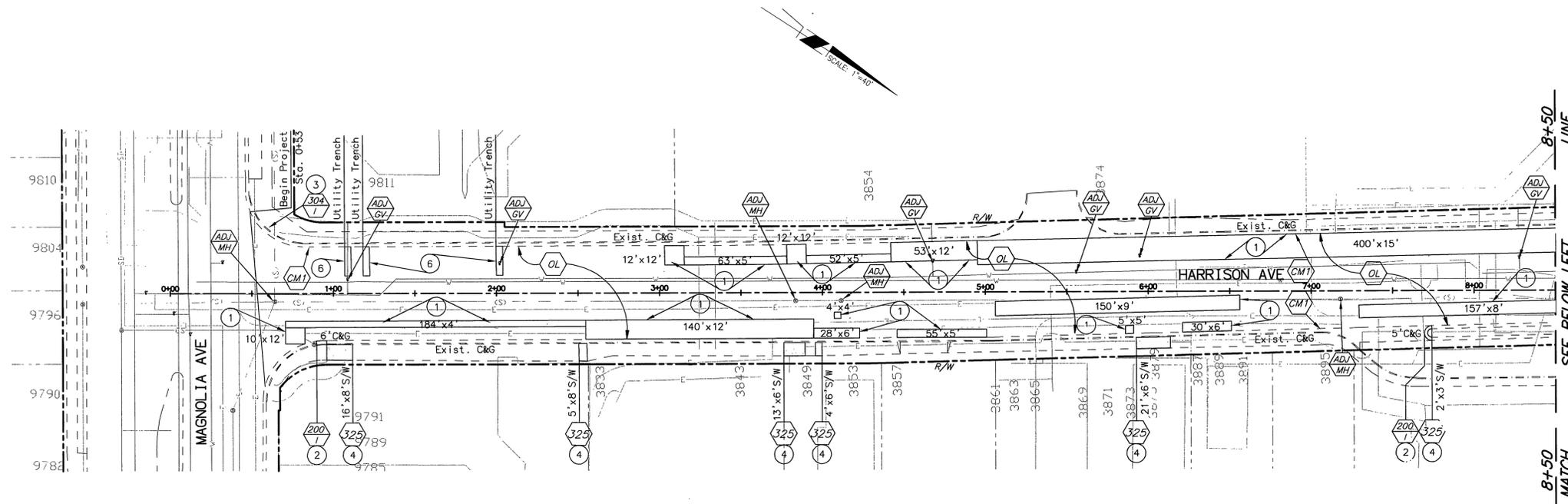
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ENGINEER IN RESPONSIBLE CHARGE
 Ibrahim A. Massoud
 R.C.E. No. 64224 expires 6/30/11
 DATE 1/27/2010

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: AE DRAWN BY: AE CHECKED BY: IT

APPROVED BY	BY	DATE
ENGINEER MANAGER	PH	1/28/10
CONSTRUCTION ADMIN.	AS	1/28/10
STREET SERVICES		
TRAFFIC ENGINEER		1-28-10
PARK & REC. DEP.		

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 APPROVED BY: *[Signature]*
 CITY ENGINEER
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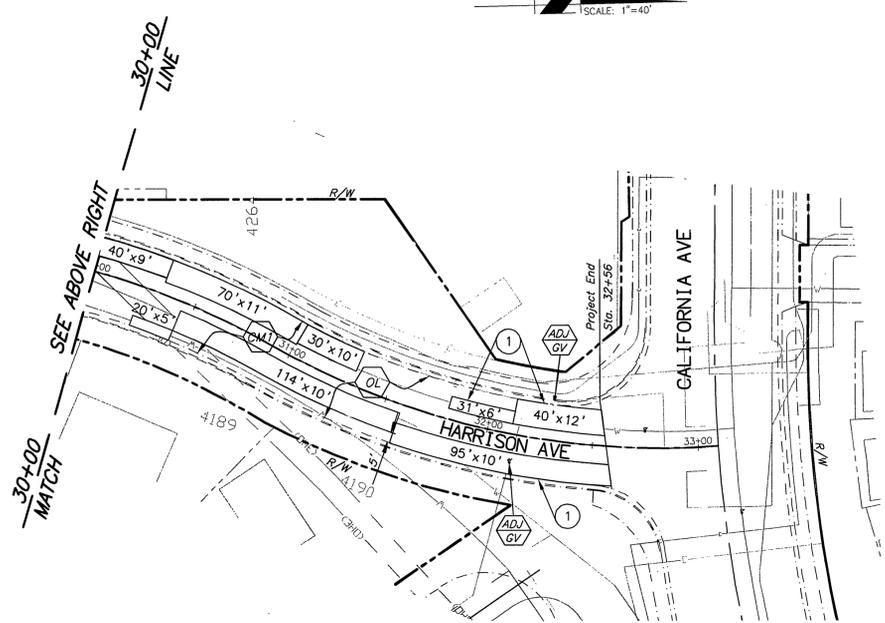
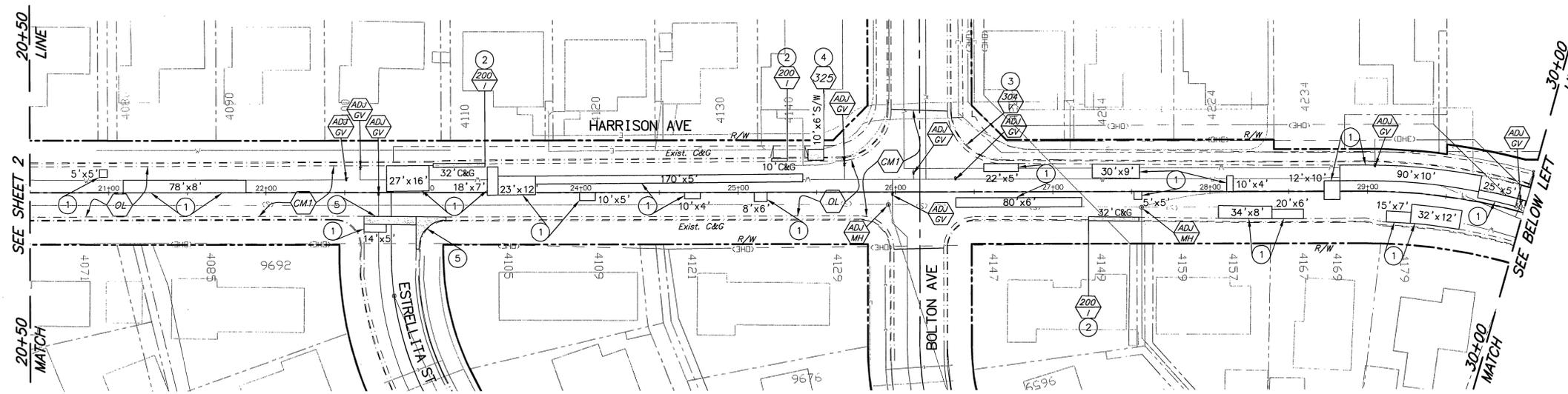
2009-2010 WARD 6
 HARRISON STREET
 PAVEMENT REHABILITATION
 MAGNOLIA AVE TO CALIFORNIA AVE
 HORIZ. SCALE: 1"=40'

ACCT. NO. 9113800611
 W.D. NO. 1014181
R-4152
 SHEET 2 OF 3
 FILE NO.

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ENGINEER IN RESPONSIBLE CHARGE
 Terahim A. Massoud
 No. 84224 Exp. 6-30-2011
 CIVIL ENGINEER
 STATE OF CALIFORNIA
 DATE 1/27/2010

DESIGNED BY	AE	DRAWN BY	AE	CHECKED BY	IT
MARK		REVISIONS		APPR.	DATE

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