

RIVERSIDE CALIFORNIA



PUBLIC WORKS DEPARTMENT

ANDREW STREET AND JACKSON STREET REHABILITATION A HUD-ARRA FUNDED PROJECT (CDBG-R)

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.
- ADJ1 ADJUST TO GRADE, DESCRIPTION PER PLAN. (MH) SEWER OR STORM DRAIN. (GV) GATE VALVE.
- OL OVERLAY EXISTING PAVEMENT WITH 0.10' MINIMUM THICKNESS A.R.H.M.-GG-C.
- G1 COLD MILL EXISTING A.C. PAVEMENT TO A DEPTH OF 0.1' BELOW GUTTER LIP OR OUTER EDGE, "DAYLIGHTING" WITH A STRAIGHT GRADE OVER 5'.
- G2 COLD MILL EXISTING A.C. PAVEMENT TO A MIN. DEPTH OF 0.1' OVER 10'.
- S CONSTRUCT 0.40' (B-PG-64-10) DGAC OVER EXISTING BASE MATERIAL. DOES NOT INCLUDE OVERLAY.
- 304 MOD. CONSTRUCT TYPE I WHEELCHAIR RAMP WITH RETAINING CURB INSTEAD OF WINGS. LENGTH OF RAMP PER PLAN.

EXISTING TOPOGRAPHY:

- SANITARY SEWER M.H. IRRIGATION METER
- STORM DRAIN M.H. BLOW-OFF VALVE
- WATER GATE VALVE TRAFFIC SIGN
- ELECTRIC M.H. POWER POLE
- TELEPHONE M.H. GUY ANCHOR
- WATER METER STREET LIGHT ON MAST ARM
- FIRE HYDRANT ELECTRICAL TEST STATION (PIPELINE)

LEGEND

- AC PAVEMENT OR PCC TO BE REMOVED AND REPLACED
- G2 GRIND

EXISTING UNDERGROUND UTILITIES:

- SANITARY SEWER EX SVR EX SVR
- WATER LINE EX VTR EX VTR
- STORM DRAIN EX SD EX SD

SHEET INDEX: STREET IMPROVEMENTS

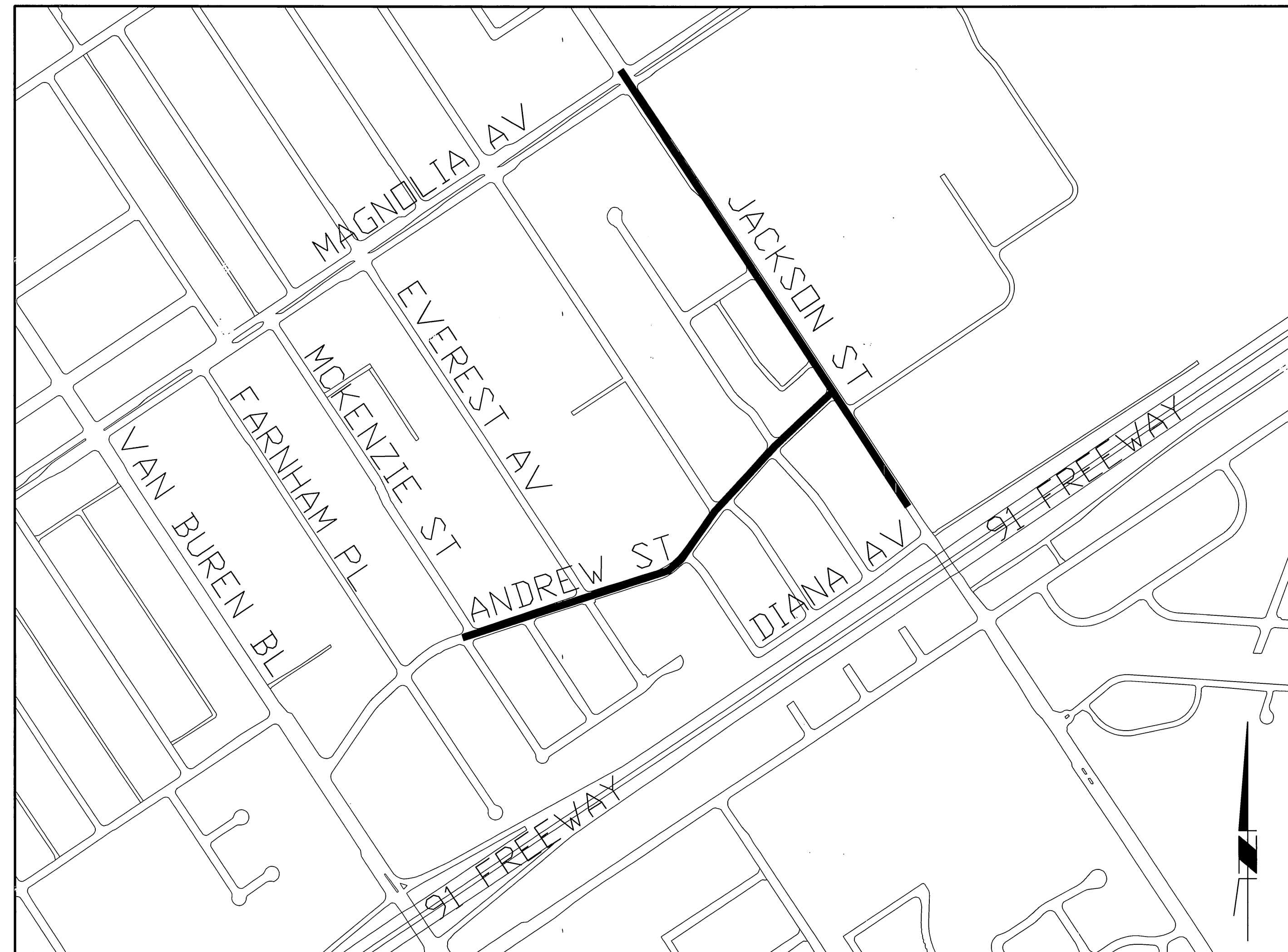
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	JACKSON ST IMPROVEMENTS (MAGNOLIA AV TO DIANA AV)
3	ANDREW ST IMPROVEMENTS (MCKENZIE ST TO JACKSON ST)

NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. GAS AND PHONE RECORDS WERE NOT AVAILABLE AND ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ANY UTILITY LINES SHOWN OR NOT SHOWN ON THESE PLANS.

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.
- DURING THE CONSTRUCTION WORK, ALL SEWER, STORM DRAIN & UTILITY MANHOLES AND WATER GATE VALVES SHALL BE RAMPED UP OR DOUBLE ADJUSTED TO FACILITATE THE COLD-MILLING AND PAVING OPERATIONS. FOLLOWING THE CONSTRUCTION OF A.R.H.M.-GG AC FINAL FINISH SURFACE, ALL MANHOLES AND GATE VALVE COVERS SHALL BE ADJUSTED TO GRADE AS NEEDED.
- THE INSPECTOR MAY DIRECT COLD-MILLING AND PAVING INTO SIDE STREETS TO IMPROVE THE RIDE QUALITY AND OTHER STREET CONDITIONS.
- WATER VALVES AND FIRE HYDRANTS MUST BE LOCATED DURING CONSTRUCTION TO MAKE VALVE BOX AND COVER ADJUSTMENTS. 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 AND AFTER COLD-MILLING OPERATIONS HAVE BEEN COMPLETED. QUANTITIES SHOWN ON PLANS ARE APPROXIMATE AND MAY BE MODIFIED IN FIELD AS DIRECTED BY ENGINEER OR INSPECTOR.
- 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 3 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.
- AT THE EXISTING WHEELCHAIR RAMPS WHETHER OR NOT REQUIRE ALTERATION, THE CROSS SLOPE OF THE PAVEMENT ADJACENT TO THE RAMP SHALL NOT EXCEED 5% FOR ANY RAMP. WHERE SUCH PAVEMENT CROSS-SLOPE EXCEEDS 5%, CONTRACTOR SHALL COLD-MILL THE EXISTING PAVEMENT TO A DEPTH OF AN ADDITIONAL 0.10' BELOW THE GUTTER LIP TO A DISTANCE OF 7' RADIALLY, TO SATISFY THE REQUIRED 5% SLOPE AND PROVIDE SMOOTH TRANSITION TO PAVEMENT IN THE DRIVING LANES.
- ADEQUATE FLOW LINES SHALL BE MAINTAINED AT ALL LOCATIONS.



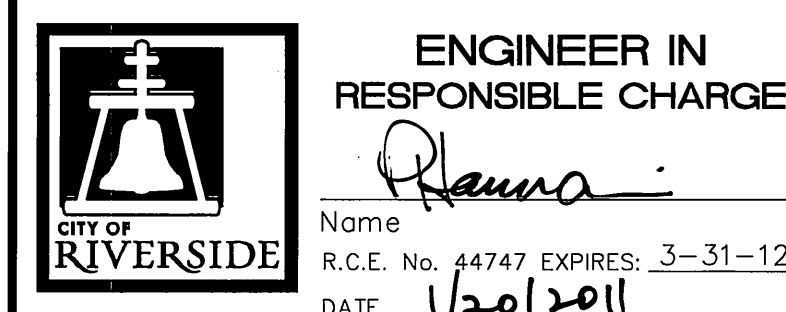
LOCATION MAP

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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 6" (LF)	R&R CURB & GUTTER 8" (LF)	R&R X-GUTTER (SF)	R&R DRIVEWAY (SF)	R&R WHEEL CHAIR RAMPS (SF)	NEW WHEEL CHAIR RAMPS (SF)	COLDMILL TYPE I 5" WIDE (SF)	COLDMILL TYPE II 10" WIDE (SF)	ADJUST MANHOLES (EA)	ADJUST VALVES (EA)	CRACK FILL & REPAIR (LF)	COMMENTS
1	JACKSON ST	MAGNOLIA AV	DIANA AV	2,220	82,500	22,500	680	680	2,700	200	200	500	-	3	1	4,100	2,700	4	12	2,220	OVERLAY 0.10' /NEW SECTION FOR R&R TO BE 0.10' ARHM OVER 0.40' DGAC OVER EXISTING BASE MATERIAL
2	ANDREW ST	MCKENZIE ST	JACKSON ST	2,000	72,000	30,500	920	590	2,060	500	-	640	600	-	-	3,300	3,900	11	12	2,000	OVERLAY 0.10' /NEW SECTION FOR R&R TO BE 0.10' ARHM OVER 0.40' DGAC OVER EXISTING BASE MATERIAL

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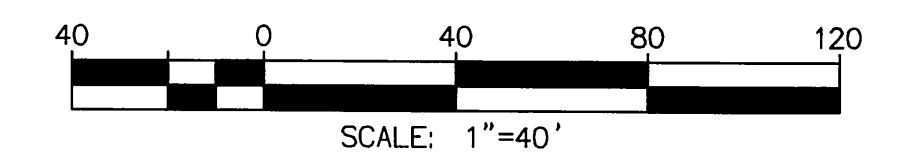
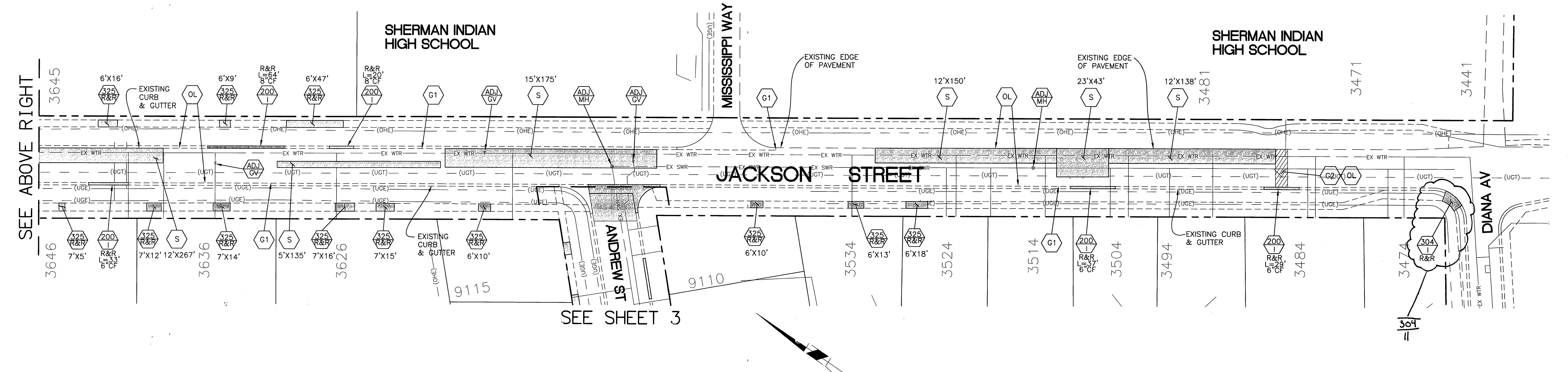
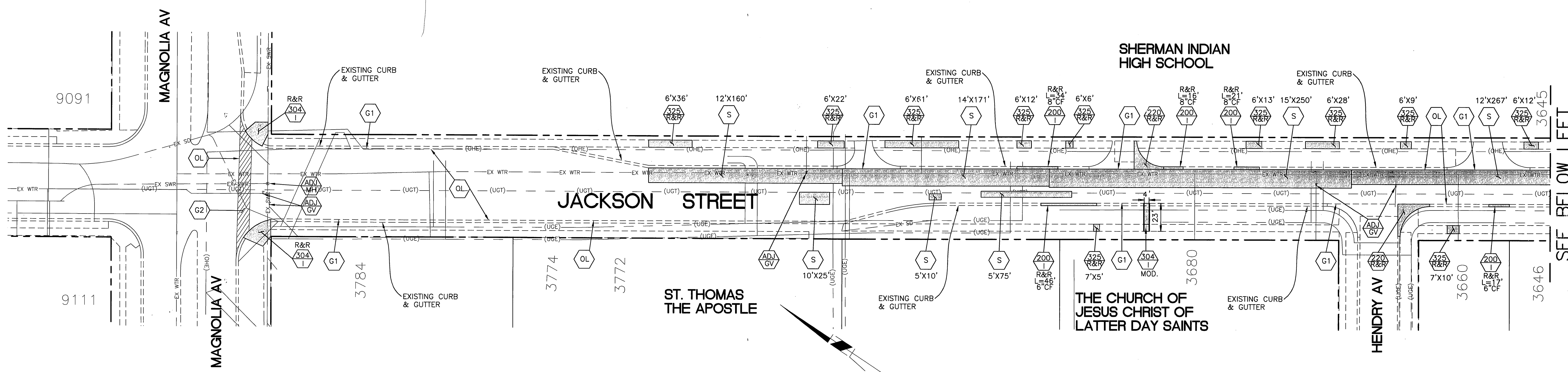
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER	<i>CH</i>	1/20/11	<i>Rama</i>
CONSTRUCTION ADMIN.	<i>AS</i>	1/20/11	CITY ENGINEER
TRAFFIC DIVISION	<i>SH</i>	1/20/11	DATE: 1/20/2011
STREETS SERVICES			
SURVEY			

STREET IMPROVEMENTS	
CDBG	R-4197
ANDREW STREET AND JACKSON STREET REHABILITATION	SHEET 1 OF 3
SCALE: N.T.S.	CONSTRUCTION WO#

AS BUILT

Indexed 5/16/11 SE



SEE ABOVE RIGHT

SEE BELOW LEFT

SEE SHEET 3

Under Ground Service Alert
 Call: TOLL FREE 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

ENGINEER IN RESPONSIBLE CHARGE
 Name: *Hanna*
 R.C.E. No. 44747 EXPIRES: 3-31-12
 DATE: 1/20/2011



MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	DATE	APPROVED BY	DATE
ENGINEERING MANAGER	1/20/11	CITY ENGINEER	1/20/11
CONSTRUCTION ADMIN.	1/20/11		
TRAFFIC DIVISION	1/20/11		
STREETS SERVICES			
SURVEY			

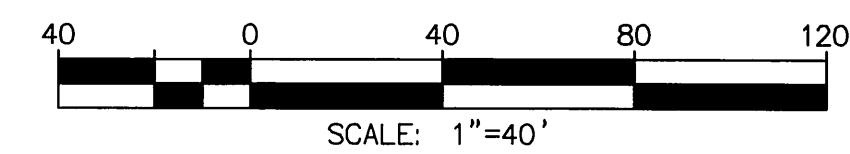
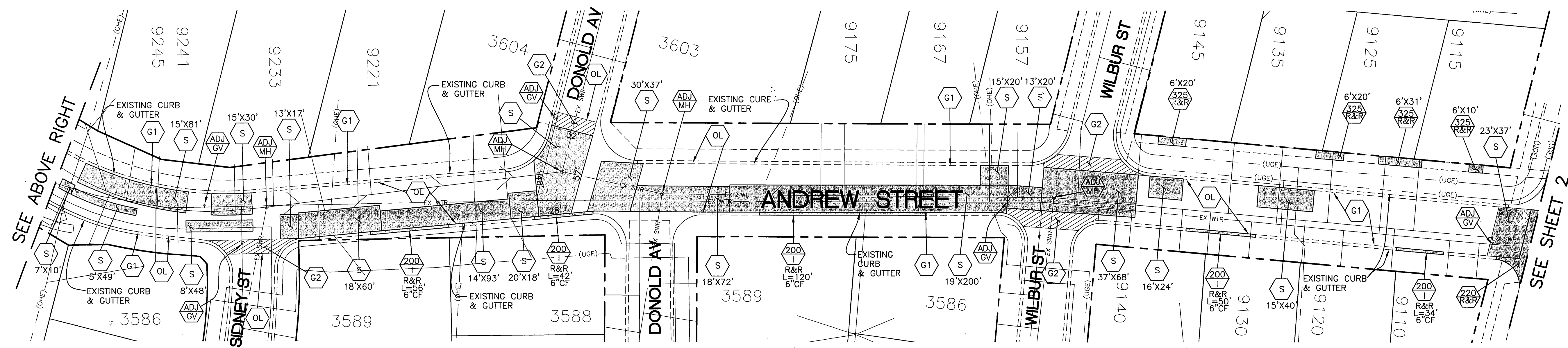
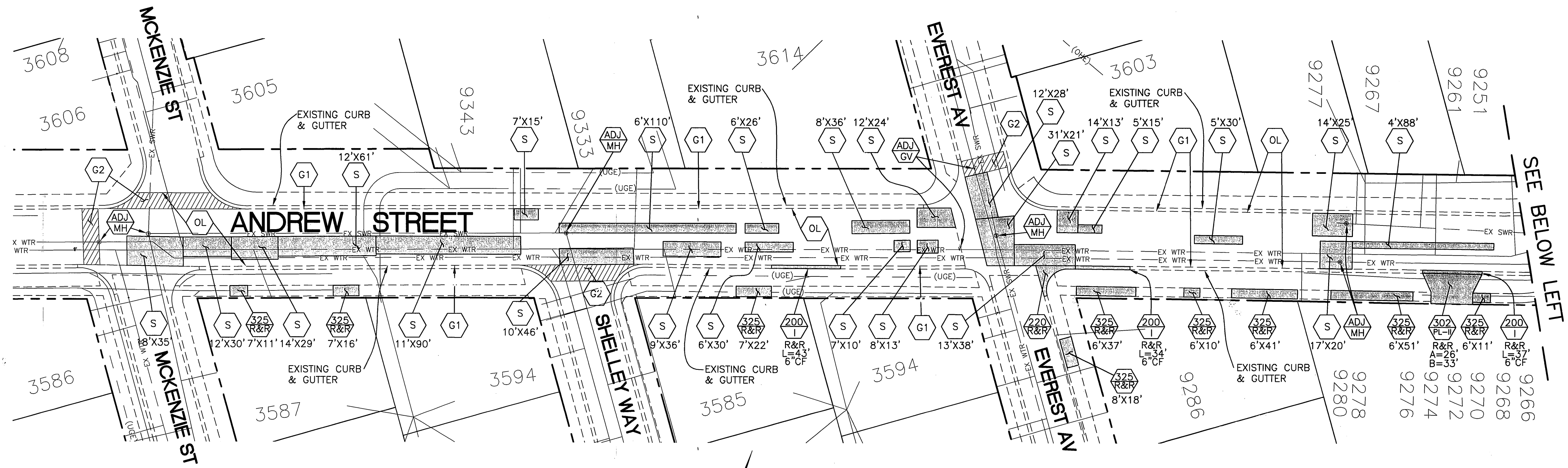
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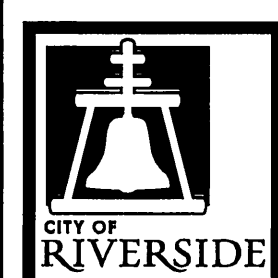

STREET IMPROVEMENTS
CDBG
ANDREW STREET AND JACKSON STREET REHABILITATION

SCALE: 1" = 40'

R-4197
 SHEET 2 OF 3
 CONSTRUCTION WO#

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 <p>Under Ground Service Alert of Southern California Call: TOLL FREE 1-800 227-2600 TWO WORKING DAYS BEFORE YOU DIG</p>	 <p>ENGINEER IN RESPONSIBLE CHARGE <i>Hawa</i> Name: <i>Hawa</i> R.C.E. No. 44747 EXPIRES: 3-31-12 DATE: 1/20/2011</p>	 <p>REGISTERED PROFESSIONAL ENGINEER L. HAWKINS No. 44747 Exp. 3-31-2012 CIVIL STATE OF CALIFORNIA</p>	<p align="center">CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS</p>				<p align="center">STREET IMPROVEMENTS CDBG ANDREW STREET AND JACKSON STREET REHABILITATION</p>	<p align="center">R-4197</p>
			<p>APPROVED BY: <i>AS</i> DATE: 1/20/11 ENGINEERING MANAGER</p> <p>APPROVED BY: <i>AS</i> DATE: 1/20/11 CONSTRUCTION ADMIN.</p> <p>TRAFFIC DIVISION</p> <p>STREETS SERVICES SURVEY</p>	<p>APPROVED BY: <i>Hawa</i> DATE: 1/20/2011 CITY ENGINEER</p>	<p align="center">SHEET 3 OF 3</p>	<p>CONSTRUCTION WO#</p>		