



PUBLIC WORKS DEPARTMENT

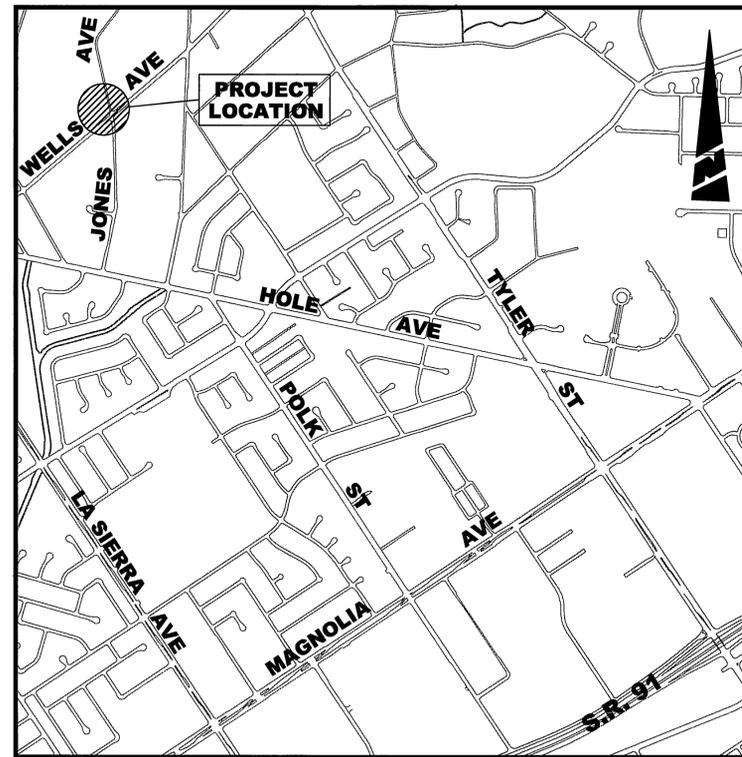
JONES AVENUE AND WELLS AVENUE INTERSECTION IMPROVEMENTS

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.
- PROTECT IN PLACE EXISTING FEATURE.
XX= EXISTING ITEM TO BE PROTECTED AS FOLLOWS:
TR=TREE; MH= MANHOLE; SGN=SIGN; ELEC=ELECTRICAL FACILITY;
CUL=PARKING LOT CULVERT; CRB=PARKING LOT CURB
- REMOVE EXISTING FEATURES
XX= EXISTING ITEM TO BE REMOVED AND DISPOSED AS FOLLOWS:
PV=EXISTING ASPHALT BEYOND EDGE OF TRAVELED WAY.
- CONTRACTOR SHALL GRADE PROPOSED PARKWAY AS NECESSARY TO ENSURE NO PONDING CONDITIONS ARE CREATED (2% MIN AND 2:1 MAX DAYLIGHT GRADES).
- REMOVE EXISTING FEATURE AND RECONSTRUCT PER CITY STANDARDS.
XX= EXISTING ITEM TO BE REMOVED AND RECONSTRUCTED AS FOLLOWS:
405=RECONSTRUCT TOP OF CATCH BASIN AS NECESSARY PER CITY STD 405;
STR=EXISTING STRIPING TO BE REMOVED AND REPLACED IN KIND AS NECESSARY.
- ADJUST EXISTING FEATURE TO GRADE.
XX= EXISTING ITEM TO BE ADJUSTED AS FOLLOWS:
MH= MANHOLE; GV=GATE VALVE;
- GRIND EXISTING PAVEMENT (0.1' MIN TO 0.2' MAX) AND OVERLAY (0.1' MIN) WITH DGAC AS NECESSARY TO ENSURE AN INCREASING CHANGE IN GRADE TOWARDS THE PROPOSED CURB AT ALL LOCATIONS WITHIN LIMITS INDICATED.
- CONSTRUCT CONCRETE DRIVEWAY (CURBSIDE-TYPE I) CITY STD 302 WITH THE FOLLOWING EXCEPTION: THE DRIVEWAY LOCATED ON WELLS AVE SHALL BE MODIFIED NOT TO CONSTRUCT THE WESTERLY WING.
- CONSTRUCT PAVEMENT STRUCTURAL SECTION OF 4" DGAC OVER 8" CLASS II AGGREGATE BASE OVER 90% COMPACTED NATIVE SOIL.
- CONSTRUCT 4" THICK ASPHALT SWALE OVER 90% COMPACTED NATIVE WITH THE FOLLOWING REQUIREMENTS: FLOWLINE LOCATION PER PLAN; STRAIGHT GRADE FROM FLOWLINE TOWARD EXISTING/PROPOSED EDGE OF PAVEMENT; WESTERLY WIDTH OF SWALE SHALL BE 2' WITH DEPTH SHALL BE 2" MIN. GRADE AS NECESSARY TO CONVEY DRAINAGE TOWARD SWALE.
- CONSTRUCT 6" CURB AND GUTTER PER CITY STANDARD 200.
- CONTRACTOR SHALL SCHEDULE REMOVAL OF TREES BY CITY FORCES.
- CONTRACTOR SHALL SCHEDULE THE RELOCATION OF EXISTING WATER METER.
- CONTRACTOR SHALL SCHEDULE THE RELOCATION OF EXISTING FIRE HYDRANT.
- PROPOSED STREET LIGHT IMPROVEMENTS PER PUD ELECTRIC PLAN NO. 110017-05
- REMOVE EXISTING ELECTRIC FACILITY PER PUD ELECTRIC PLAN NO. 110017-05

GENERAL CONSTRUCTION NOTES

- 1 THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAVEL LANES AS INDICATED IN THE SPECIAL PROVISIONS.
- 2 CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2009 EDITION.
- 3 EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN.
- 4 CONFLICTING UTILITIES SHOWN WITHIN CONSTRUCTION AREA SHALL BE COORDINATED FOR RELOCATION AND INCORPORATED INTO THE PROJECT SCHEDULE.
- 5 ALL STREET PULL BOXES, AFFECTED BY CONSTRUCTION, SHALL BE ADJUSTED TO THE PROPOSED GRADE.
- 6 ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD, EXCEPT FOR ELEVATIONS SHOWN IN PARENTHESIS WHICH DENOTE EXISTING GRADES.
- 7 THE SEAM BETWEEN PASSES OF THE AC OVERLAY SHALL COINCIDE, AS CLOSE AS POSSIBLE, TO THE LANE LINES.
- 8 IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR AFTER COLD-MILLING AND PRIOR TO COMPLETION OF ASPHALT OVERLAYING.



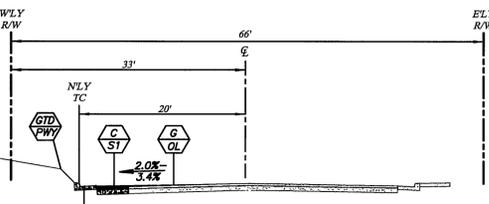
LOCATION MAP
NTS

EXISTING UNDERGROUND UTILITIES:

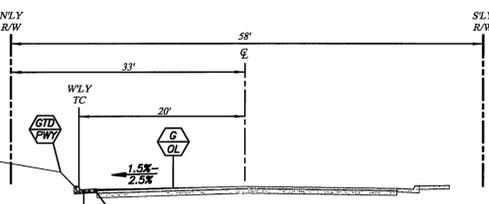
SANITARY SEWER	— S —	TELEPHONE CONDUIT	— T —
WATER LINE	— W —	ELECTRICAL CONDUIT	— E —
STORM DRAIN	— SD —	ELECTRICAL LIGHTING CONDUIT	— ELC —
GAS LINE	— G —	TRAFFIC SIGNAL	— SIG —
ABANDONED UTILITY	— W (ABAND.) —	FIRE ALARM	— F —

EXISTING TOPOGRAPHY:

— — — — — BLOCK WALL	— — — — — POLE & GUY ANCHOR	○ PEB PEDESTRIAN PUSH BUTTON
— — — — — BOARD FENCE	○ _{PP} POWER POLE	○ _{TS} TRAFFIC SIGNAL
— — — — — WIRE FENCE	○ _{TP} TELEPHONE POLE	○ _{TM} TRAFFIC SIGNAL ON MAST ARM
— — — — — CHAIN LINK FENCE	○ _{TR} TELEPHONE RISER	○ _{TC} TRAFFIC SIGNAL CONTROLLER
	○ _{TP} JOINT USE POLE	○ _{TPD} TRAFFIC SIGNAL PRESSURE DETECT.
	○ _{TR} PULL BOX	○ _{TRD} TRAFFIC SIGNAL LOOP DETECTOR
	○ _{TR} ELECTRIC M.H.	○ _{TRD} STREET LIGHT & TRAFFIC SIGNAL ON MAST ARM
	○ _{TR} TELEPHONE M.H.	○ _{TRD} STREET LIGHT (UPRIGHT)
	○ _{TR} WATER METER	○ _{TRD} STREET LIGHT ON MAST ARM
	○ _{TR} FIRE HYDRANT	○ _{TRD} GAS METER
	○ _{TR} SPRINKLER HEAD	○ _{TRD} MAIL BOX
	○ _{TR} VALVE	○ _{TRD} STEEL POST
	○ _{TR} AIR VALVE	○ _{TRD} WOOD POST
	○ _{TR} AIR VENT	○ _{TRD} WALK-DON'T WALK PEDESTRIAN SIGNAL
	○ _{TR} BUS STOP SIGN	○ _{TRD} ELECTROLYSIS TEST STATION
	○ _{TR} BLOW-OFF VALVE	○ _{TRD} WHEEL STOP
	○ _{TR} IRRIGATION STAND PIPE	○ _{TRD} A.C. BERM
□ CONCRETE		
□ ASPHALT		
□ BUILDING		
— — — — — EDGE OF PAVEMENT		
CENTER LINE	— C —	
RIGHT-OF-WAY	— R/W —	
SUBDIVISION LOT LINE	— PL —	



JONES AVENUE - TYPICAL SECTION
NTS



WELLS AVENUE - TYPICAL SECTION
NTS

SHEET INDEX

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	JONES AVENUE STREET IMPROVEMENTS
3	WELLS AVENUE STREET IMPROVEMENTS

BENCHMARK F2-U3

P.K. NAIL AND CITY ENGINEER TAG IN THE NORTH CORNER OF A TRAFFIC SIGNAL BASE AT THE SOUTHWEST CORNER OF TYLER STREET AND WELLS AVENUE

ELEVATION: 752.148

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

ENGINEER IN RESPONSIBLE CHARGE
Edward Luna
CITY OF RIVERSIDE
R.C.E. No. 63753 EXPIRES: 9-30-12
DATE February 17, 2011

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature]
ENGINEERING MANAGER
CONSTRUCTION ADMIN. [Signature]
TRAFFIC DIVISION [Signature]
STREETS SERVICES [Signature]
SURVEY [Signature]

DATE: 2/23/11

STREET IMPROVEMENTS JONES AVENUE AND WELLS AVENUE INTERSECTION IMPROVEMENTS COVER SHEET

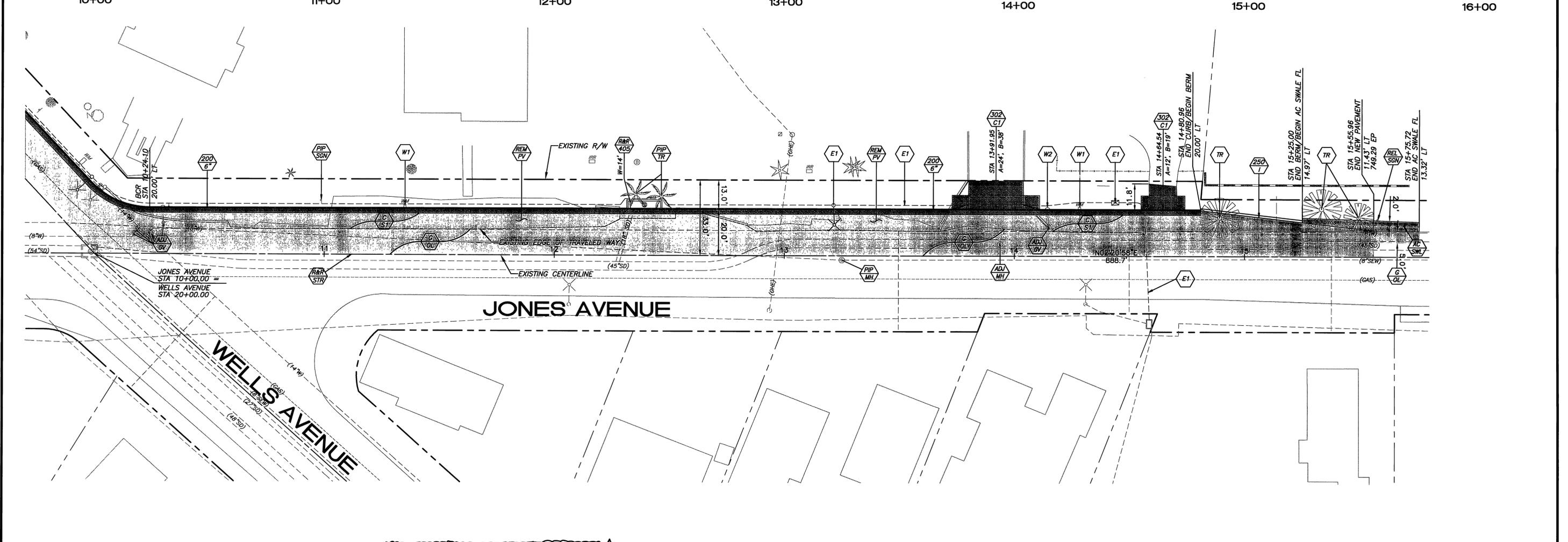
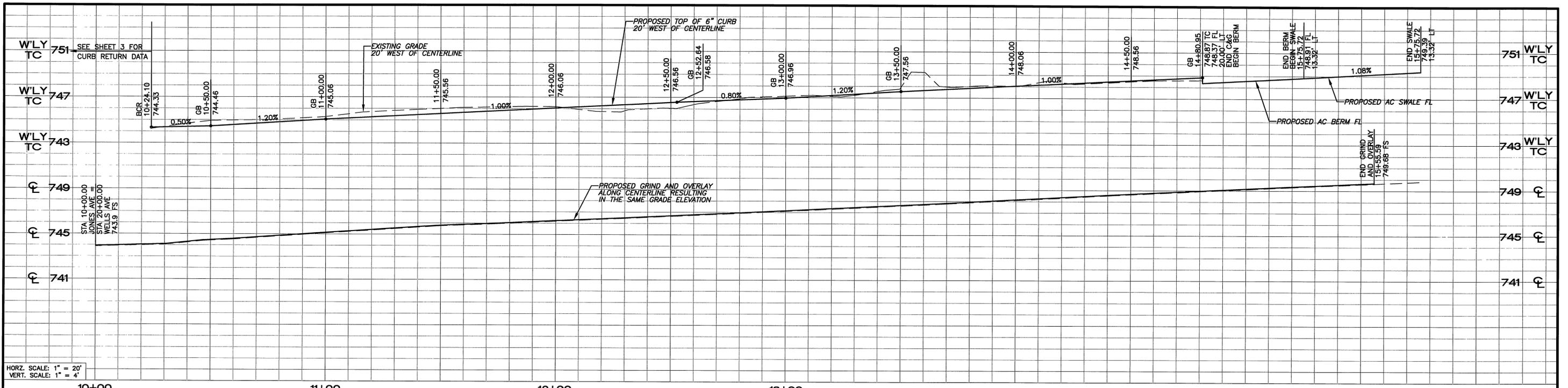
HORIZ. SCALE: N/A VERT. SCALE: N/A

DESIGN WORK ORDER NO.: 1103498
CONSTR. WORK ORDER NO.: XXXXX

R-4201

SHEET 1 OF 3

FILE NAME: R4201-01.DWG



NOTE: SEE SHEET 1 FOR BENCHMARK DATA

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

ENGINEER IN RESPONSIBLE CHARGE
Edward Luna
 Name: Edward Luna
 R.C.E. No. 63753 EXPIRES: 9-30-12
 DATE: February 17, 2011

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER	DJ	2/18/11	<i>[Signature]</i>
CONSTRUCTION ADMIN.	AB	2/18/11	CITY ENGINEER
TRAFFIC DIVISION	Z	2/18/11	
STREETS SERVICES			
SURVEY			

DESIGNED BY: EL DRAWN BY: EL CHECKED BY: LY

STREET IMPROVEMENTS
JONES AVENUE AND WELLS AVENUE INTERSECTION IMPROVEMENTS
JONES AVENUE STREET IMPROVEMENTS

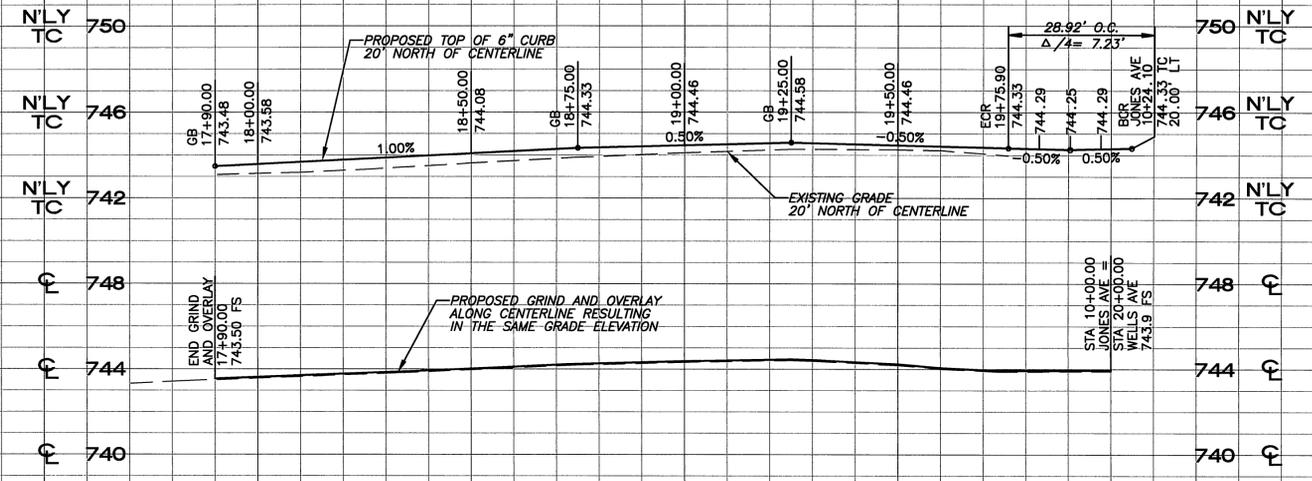
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

DESIGN WORK ORDER NO.: 1103498
 CONSTR. WORK ORDER NO.: XXXXX

R-4201

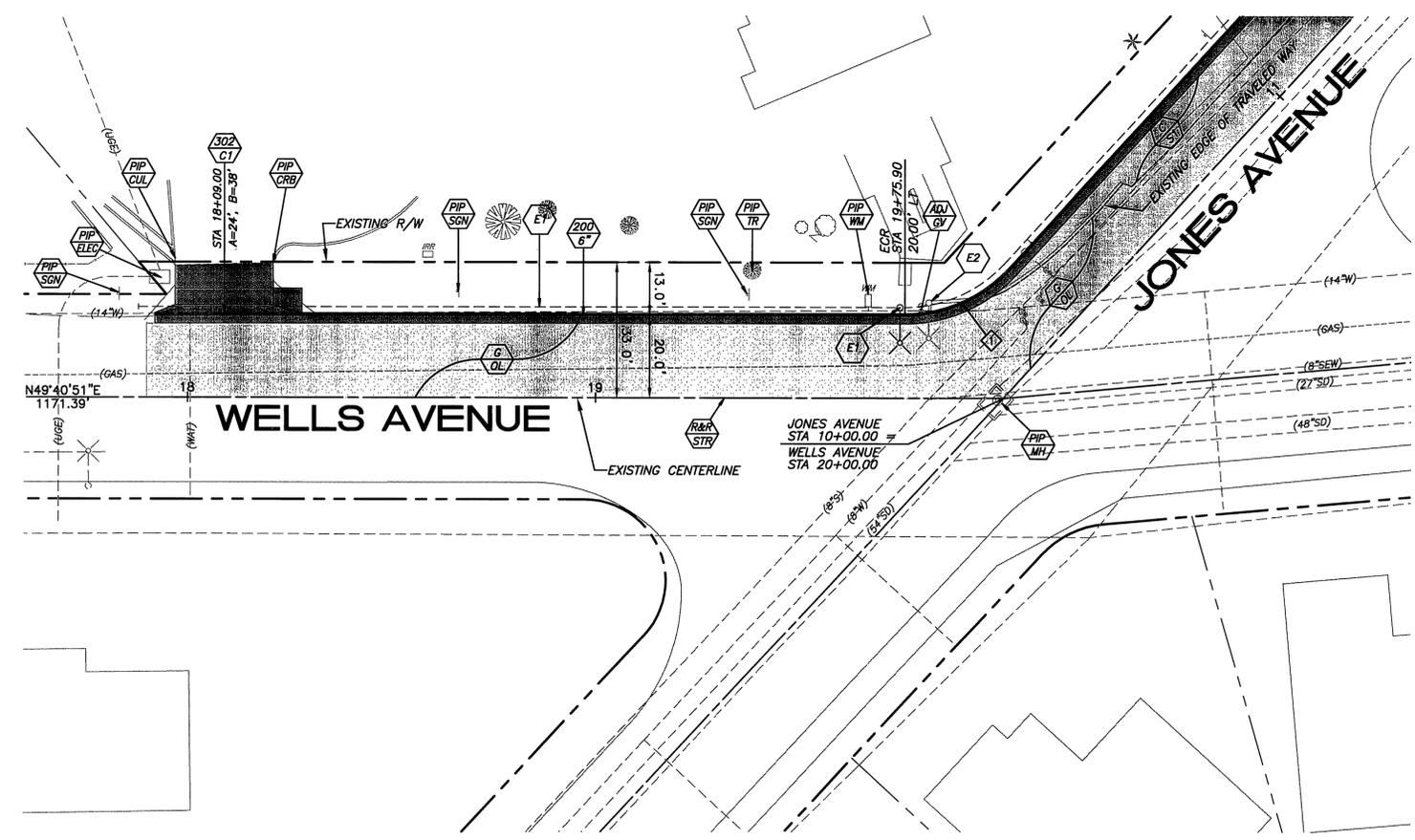
SHEET **2** OF **3**

FILE NAME: R4201-02.DWG

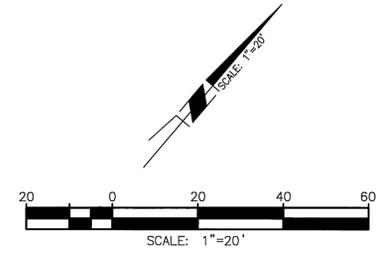


HORZ. SCALE: 1" = 20'
 VERT. SCALE: 1" = 4'

17+00 18+00 19+00 20+00

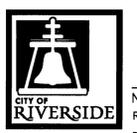


CURVE TABLE					
TANGENT	LENGTH	RADIUS	DELTA	DESCRIPTION	
1	15.34'	28.91'	35.00'	47°19'53"	NW CURB RETURN



NOTE: SEE SHEET 4 FOR BENCHMARK DATA

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



ENGINEER IN RESPONSIBLE CHARGE
Edward Lora
 Name: Edward Lora
 R.C.E. No. 63753 EXPIRES: 9-30-12
 DATE: February 17, 2011



DESIGNED BY	EL	DRAWN BY	EL	CHECKED BY	LY
ADDED BENCHMARK	2/20/11	REVISIONS		APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS					
APPROVED BY	BY	DATE	APPROVED BY	BY	DATE
ENGINEERING MANAGER	DH	2/18/11	CITY ENGINEER	[Signature]	2/23/11
CONSTRUCTION ADMIN.	AS	2/18/11			
TRAFFIC DIVISION	2	2/18/11			
STREETS SERVICES SURVEY					

STREET IMPROVEMENTS
JONES AVENUE AND WELLS AVENUE INTERSECTION IMPROVEMENTS
 WELLS AVENUE STREET IMPROVEMENTS
 HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

DESIGN WORK ORDER NO.: 1103498
 CONSTR. WORK ORDER NO.: XXXXX
R-4201
 SHEET **3** OF **3**
 FILE NAME: R4201-03.DWG