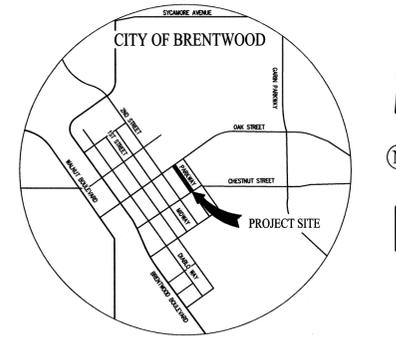


CITY OF BRENTWOOD PARK WAY REHABILITATION C.I.P. NO. 562-56393



**DOWNTOWN BRENTWOOD
VICINITY MAP**
NOT TO SCALE

GENERAL NOTES:

1. PROJECT SPONSOR: CITY OF BRENTWOOD
150 CITY PARK WAY
BRENTWOOD, CA 94513
(925) 516-5420
2. ENGINEER: CARLSON, BARBEE & GIBSON, INC.
2663 CAMINO RAMON SUITE 350
SAN RAMON, CA 94583
(925) 866-0322
3. SOILS ENGINEER: ENGeo, INC.
580 N. WILMA, SUITE A
RIPON, CA 95366
(209) 835-0610
4. BENCH MARK: CONTRA COSTA COUNTY MONUMENT #3031, CONTRA COSTA COUNTY DISC SET IN CONCRETE BASE OF LIGHT STANDARD LOCATED 160' NORTH AND 40' WEST OF THE CENTERLINE INTERSECTION OF BRENTWOOD BOULEVARD AND BRODERICK DRIVE. ELEVATION 66.468 FEET (NGVD 29).
5. THE ENGINEER ASSUMES NO RESPONSIBILITY BEYOND THE ADEQUACY OF THE DESIGN CONTAINED HEREIN.
6. SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE CITY CONSTRUCTION MANAGER FOR SUCH FURTHER EXPLANATION AS MAY BE NECESSARY.
7. CITY OF BRENTWOOD STANDARD DRAWINGS AND SPECIFICATIONS, SPECIFIC NOTES AND DETAIL DRAWINGS HEREON AND IN THE SOILS REPORT, TAKE PRECEDENCE OVER GENERAL DRAWINGS AND PLANS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ANY DEVIATION FROM APPROVED PLANS DURING CONSTRUCTION WILL REQUIRE 2 WORKING DAYS PRIOR NOTICE TO THE ENGINEER AND APPROVAL OF THE CITY ENGINEER. AT LEAST ONE SET OF APPROVED PLANS SHALL BE ON THE SITE AT ALL TIMES FOR INSPECTION.
8. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONNEL. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL AND CITY OF BRENTWOOD HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FOR THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.
9. CONTRACTOR SHALL COMPLY WITH ALL STATE, COUNTY AND CITY LAWS AND ORDINANCES, AND REGULATIONS OF THE DEPARTMENT OF INDUSTRIAL RELATIONS, O.S.H.A., AND INDUSTRIAL ACCIDENT COMMISSION RELATING TO THE SAFETY AND CHARACTER OF WORK, EQUIPMENT, AND LABOR PERSONNEL.
10. THE CONTRACTOR SHALL PROVIDE FOR INGRESS AND EGRESS FOR ANY PRIVATE PROPERTY ADJACENT TO THE WORK AREA THROUGHOUT THE PERIOD OF CONSTRUCTION.
11. LOCATION AND ELEVATION OF EXISTING IMPROVEMENTS SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (1-800-227-2600) TO OBTAIN A U.S.A. IDENTIFICATION NUMBER AND TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY DUE TO ACTUAL LOCATION OF EXISTING FACILITIES.
12. THE CONTRACTOR SHALL NOT DESTROY ANY PERMANENT SURVEY POINTS WITHOUT THE CONSENT OF THE CITY ENGINEER. ANY PERMANENT MONUMENT OR POINTS DESTROYED SHALL BE REPLACED BY A REGISTERED ENGINEER OR LICENSED SURVEYOR AT THE CONTRACTOR'S EXPENSE. THE ENGINEER SHALL FILE A CORNER RECORD WITH CONTRA COSTA COUNTY AT THE CONTRACTOR'S EXPENSE.
13. ALL UNDERGROUND FACILITIES SHALL BE INSTALLED PRIOR TO THE FINAL PREPARATION OF SUBGRADE, AND PLACEMENT OF BASE MATERIAL.
14. THE CITY OF BRENTWOOD WILL PROVIDE THE CONSTRUCTION STAKES. THE NUMBER AND LOCATION OF STAKES REQUIRED SHALL BE DETERMINED BEFORE THE CONSTRUCTION BEGINS. ALL STAKING REQUESTS SHALL BE DIRECTED TO THE ENGINEER A MINIMUM OF 2 WORKING DAYS PRIOR TO ACTUAL NEED. ANY ADDITIONAL STAKING OR RESTAKING WILL ONLY BE DONE AS DIRECTED AND AUTHORIZED BY THE OWNER OR HIS AUTHORIZED AGENT. THE CITY ENGINEER HAS THE AUTHORITY TO REQUIRE THE OWNER OR HIS AUTHORIZED AGENT TO PLACE ADDITIONAL STAKES OR RESTAKES AS HE DEEMS NECESSARY FOR PROPER CONSTRUCTION OR TO AVOID CONFLICTS. ALL CONSTRUCTION STAKING SHALL BE DONE BY A REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR.
15. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT IN PLACE (BY ANY MEANS NECESSARY) ALL EXISTING UTILITIES UNLESS OTHERWISE SPECIFIED ON THESE PLANS OR AS DIRECTED BY THE ENGINEER.
16. EXISTING CURBS, SIDEWALKS AND UTILITIES WITHIN OR ADJACENT TO THE PROJECT LIMITS THAT ARE DAMAGED OR DISPLACED, EVEN THOUGH THEY WERE NOT TO BE REMOVED, SHALL BE REPAIRED OR REPLACED.

17. IF ANY CULTURAL FEATURES OR ARCHAEOLOGICAL MATERIALS ARE UNCOVERED DURING GRADING, TRENCHING, OR OTHER EXCAVATION WORK, ALL WORK WITHIN 100 FEET OF THESE MATERIALS SHALL BE STOPPED UNTIL A PROFESSIONAL ARCHAEOLOGIST CERTIFIED BY THE SOCIETY OF PROFESSIONAL ARCHAEOLOGY (SOPA) AND/OR THE SOCIETY OF CALIFORNIA ARCHAEOLOGY (SCA) HAS HAD AN OPPORTUNITY TO EVALUATE THE SIGNIFICANCE OF THE FIND AND APPROPRIATE MITIGATION MEASURES ARE DETERMINED AND IMPLEMENTED.
18. ANY DISAGREEMENTS WITH PLANS OR SPECIFICATIONS MUST BE HANDLED THRU CHANNELS: INSPECTORS, ENGINEER, THEN CITY ENGINEER.

UTILITY NOTES:

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER OF ANY DIFFERENCES IN LOCATION OF EXISTING UTILITIES FROM THAT SHOWN, OR OF ANY CONFLICTS WITH THE DESIGN BEFORE CONTINUING WITH WORK IN THAT AREA.
2. CONTRACTOR SHALL COORDINATE SANITARY SEWER AND WATER CONSTRUCTION IN A MANNER TO PREVENT ANY CONFLICTS WHERE UTILITY LINES CROSS EACH OTHER.
3. ALL SANITARY SEWER CONSTRUCTION SHALL PROCEED FROM THE DOWNSTREAM CONNECTION TO THE UPSTREAM TERMINUS.
4. MANHOLE, VALVE AND METER BOX RIM ELEVATIONS, IF SHOWN, ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE RIMS AND COVERS TO THE FINISHED PAVEMENT GRADE. IN UNIMPROVED STREETS, THE RIMS SHALL BE SET AT THE ELEVATION SHOWN.
5. CONCRETE ANCHORS OR THRUST BLOCKS SHALL BE PROVIDED AT ALL BENDS, VALVES AND BEHIND ALL TEES, FIRE HYDRANTS AND GROSSES, PER STANDARD DRAWING W-15.
6. THE CONTRACTOR SHALL EXPOSE AND CHECK INVERTS ON EXISTING SEWERS AND CLEARANCE OF KNOWN CROSSINGS OF OTHER UTILITIES BEFORE CONSTRUCTING NEW PIPELINES. ANY DISCREPANCY BETWEEN THE PLANS AND FIELD INFORMATION SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
7. CONTRACTOR SHALL PROVIDE AT LEAST (2) WORKING DAYS ADVANCE NOTICE TO THE CITY ENGINEER PRIOR TO CONNECTING TO EXISTING WATER FACILITIES. THE MANIPULATION OF EXISTING WATER VALVES SHALL BE DONE UNDER THE DIRECTION OF CITY WATER DIVISION PERSONNEL.
8. ALL SANITARY MANHOLES MUST BE VACUUM TESTED.

UTILITY CONTACT INFORMATION:

THE FOLLOWING UTILITIES MAY HAVE FACILITIES WITHIN THE PROJECT AREA:

1. BARRY CARANGELO (ELECTRIC AND GAS)
PG&E CO.
2111 HILLCREST AVE.
ANTIOCH, CA 94509
(925) 779-7759
2. GREGORY GREENWOOD - AT&T (TELEPHONE)
AT&T
2600 CAMINO RAMON
SAN RAMON, CA 94583-5000
(925) 548-4658
3. BEN GREENWOOD (CABLE)
CABLECOM, INC.
825 CHADBOURNE ROAD
FAIRFIELD, CA 94534
(925) 370-3021
4. RYAN LAWRIE (CABLE)
COMCAST
757 ARNOLD DRIVE, STE. D
MARTINEZ, CA 94553
(925) 349-3481
5. PUBLIC WORKS OPERATIONS - CITY OF BRENTWOOD
(SEWER, WATER, STORM DRAIN, FIBER OPTIC, IRRIGATION, TREE LIGHT AND TRAFFIC SIGNAL)
2201 ELKINS WAY
BRENTWOOD, CA 94513 (925) 516-6000

BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS MAP IS DETERMINED FROM FOUND MONUMENTS SHOWN HEREON: THE BEARING BEING NORTH 89°59'20" WEST BETWEEN STATION NO. 2101 AND STATION NO. 2052 PER RECORD OF SURVEY NO. 2496 (118 LSM 41). THE BEARINGS SHOWN ARE ON THE CALIFORNIA COORDINATE SYSTEM ZONE III. MULTIPLY DISTANCES AS SHOWN BY 0.99993419 TO OBTAIN GRID DISTANCES.

LEGEND:

EXISTING	PROPOSED	FUTURE	DESCRIPTION
GENERAL			
---	---	---	CENTER LINE
---	---	---	PROPERTY LINE
---	---	---	LOT LINE
---	---	---	NOTE REFERENCE
---	---	---	REVISION NUMBER
STREETS			
---	---	---	CURB AND GUTTER
---	---	---	SIDEWALK
---	---	---	AC PAVEMENT
SANITARY SEWERS			
---	---	---	SANITARY SEWER
---	---	---	MANHOLE
---	---	---	LAMPHOLE
---	---	---	SANITARY SEWER SERVICE
WATER			
---	---	---	WATER LINE
---	---	---	WATER VALVE
---	---	---	REDUCER
---	---	---	WATER METER
ELECTRICAL			
---	---	---	ELECTRIC LINE
---	---	---	PULL BOX

ABBREVIATIONS:

C/L	CENTER LINE	MIN.	MINIMUM
D/W	DRIVEWAY	PL	PROPERTY LINE
E	ELECTRIC	PP	POWER POLE
EA.	EACH	RET	RETURN
EL.	ELEVATION	RIM	RIM ELEVATION
ELEC.	ELECTROQUIP	RT.	RIGHT
EX	EXISTING	R/W	RIGHT OF WAY
FH	FIRE HYDRANT	S	SLOPE
FI	FIELD INLET	SHT	SHEET
FL	FLOW LINE	SS	SANITARY SEWER
G	GAS	SSMH	SANITARY SEWER MANHOLE
INV	INVERT	ST.	STREET
IRR.	IRRIGATION	STA	STATION
LF	LINEAR FEET	TC	TOP OF CURB
LT.	LEFT	TYP.	TYPICAL
MH	MANHOLE	W	WATER LINE
MAX.	MAXIMUM	WM	WATER METER
		WS	WATER SERVICE



UNDERGROUND SERVICE ALERT OF NORTHERN CALIFORNIA

DIAL TOLL FREE
1-800-227-2600
AT LEAST TWO DAYS
BEFORE YOU DIG

REVIEWED FOR CONFORMANCE WITH CITY OF BRENTWOOD STANDARDS AND REQUIREMENTS. APPROVAL FOR CONSTRUCTION IS SUBJECT TO THE INFORMATION SHOWN HEREIN. THE CITY OF BRENTWOOD AND THE UNDERSIGNED ARE NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY EXIST ON THESE PLANS.

Miki Tsubota July 8, 2016

MIKI TSUBOTA, DIRECTOR OF PUBLIC WORKS / CITY ENGINEER DATE
R.C.E. No. 61648 EXPIRES 06-30-17

DESIGNED UNDER THE DIRECTION OF: <i>Andrea J. Bellanca</i> ANDREA J. BELLANCA R.C.E. No. 61806	7-7-16 DATE		SHEET 1
DESIGN: NCM	DATE: 07-05-2016		
DRAWN: NCM	DATE: 07-05-2016		
CHECKED: AJB	DATE: 07-05-2016		
		OF	2 SHEETS



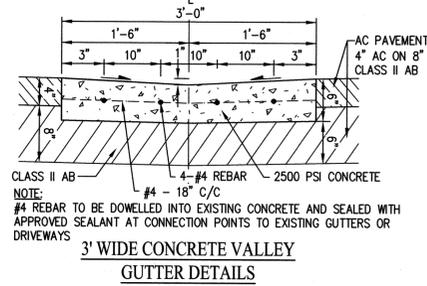
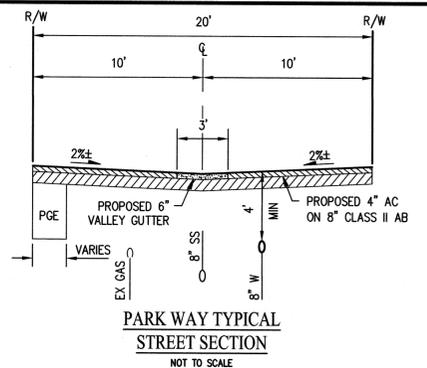
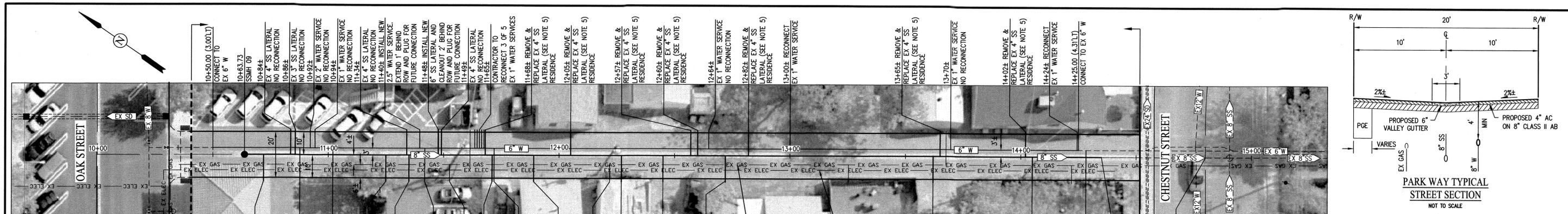
**PARK WAY REHABILITATION
CIP 562-56393**

TITLE SHEET

BRENTWOOD

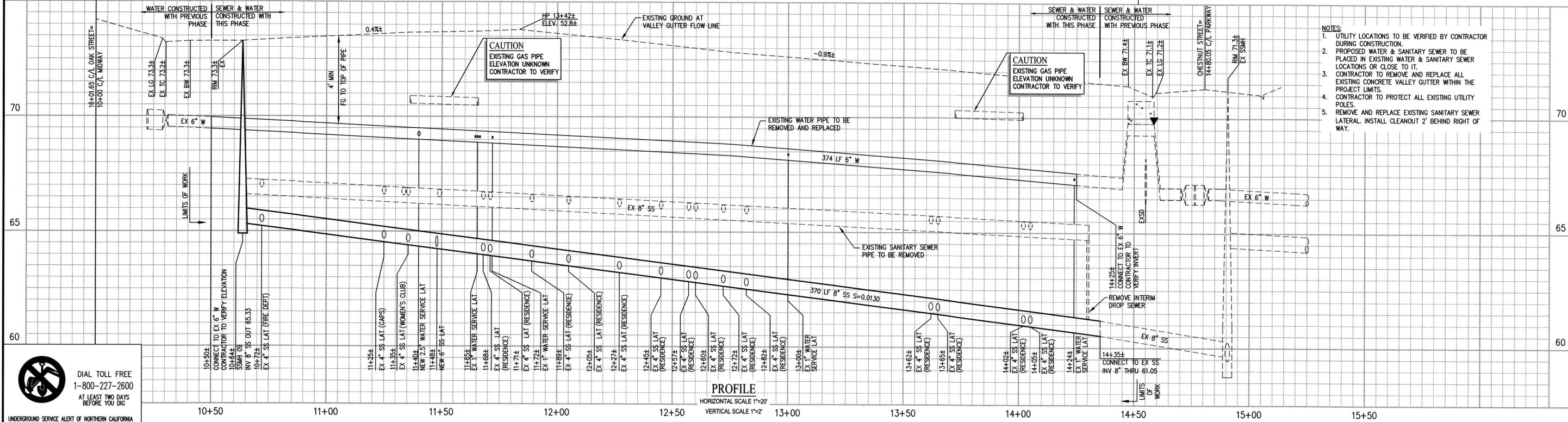
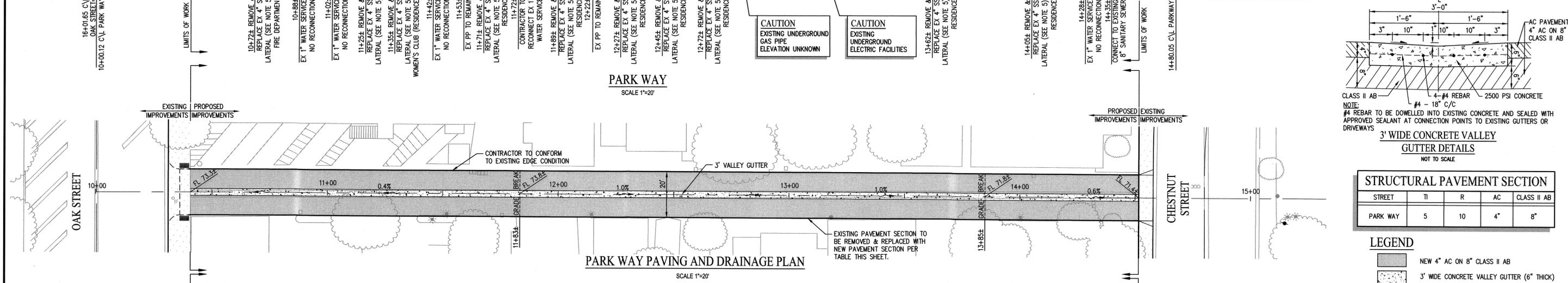
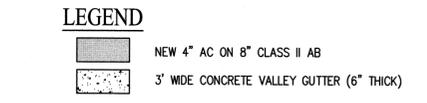
**IMPROVEMENT PLAN
CALIFORNIA**

NO.	REVISIONS	BY	APP	DATE



STRUCTURAL PAVEMENT SECTION

STREET	TI	R	AC	CLASS II AB
PARK WAY	5	10	4"	8"



- NOTES:**
- UTILITY LOCATIONS TO BE VERIFIED BY CONTRACTOR DURING CONSTRUCTION.
 - PROPOSED WATER & SANITARY SEWER TO BE PLACED IN EXISTING WATER & SANITARY SEWER LOCATIONS OR CLOSE TO IT.
 - CONTRACTOR TO REMOVE AND REPLACE ALL EXISTING CONCRETE VALLEY GUTTER WITHIN THE PROJECT LIMITS.
 - CONTRACTOR TO PROTECT ALL EXISTING UTILITY POLES.
 - REMOVE AND REPLACE EXISTING SANITARY SEWER LATERAL. INSTALL CLEANOUT 2' BEHIND RIGHT OF WAY.

DIAL TOLL FREE
1-800-227-2600
AT LEAST TWO DAYS BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF NORTHERN CALIFORNIA

PUBLIC WORKS DEPARTMENT
708 Third Street, Brentwood, CA 94513
Ph: (925) 516-5420 • FAX: (925) 516-5421
www.ci.brentwood.ca.us

cbg **Carlson, Barbee & Gibson, Inc.**
CIVIL ENGINEERS • SURVEYORS • PLANNERS
2633 Camino Ramon, Suite 350 • San Ramon, CA 94583
925-866-0322 • fax 925-866-8575
www.cbang.com

PARK WAY REHABILITATION
CIP 562-56393

IMPROVEMENT PLAN

PARK WAY PLAN AND PROFILE
STA 10+00 TO 14+80.05

BRENTWOOD CALIFORNIA

NO.	REVISIONS	BY	APP	DATE

DESIGNED UNDER THE DIRECTION OF:
Andrea J. Bellanca
ANDREA J. BELLANCA
R.C.E. No. 61806

DATE: 7-7-16

DESIGN: NCM
DRAWN: NCM
CHECKED: AJB

DATE: 07-05-2016
DATE: 07-05-2016
DATE: 07-05-2016

REGISTERED PROFESSIONAL ENGINEER
ANDREA J. BELLANCA
No. 61806
CIVIL
STATE OF CALIFORNIA

SHEET **2** OF 2 SHEETS

G:\1817VACAD\PIP_PARKWAY\IP02.DWG