

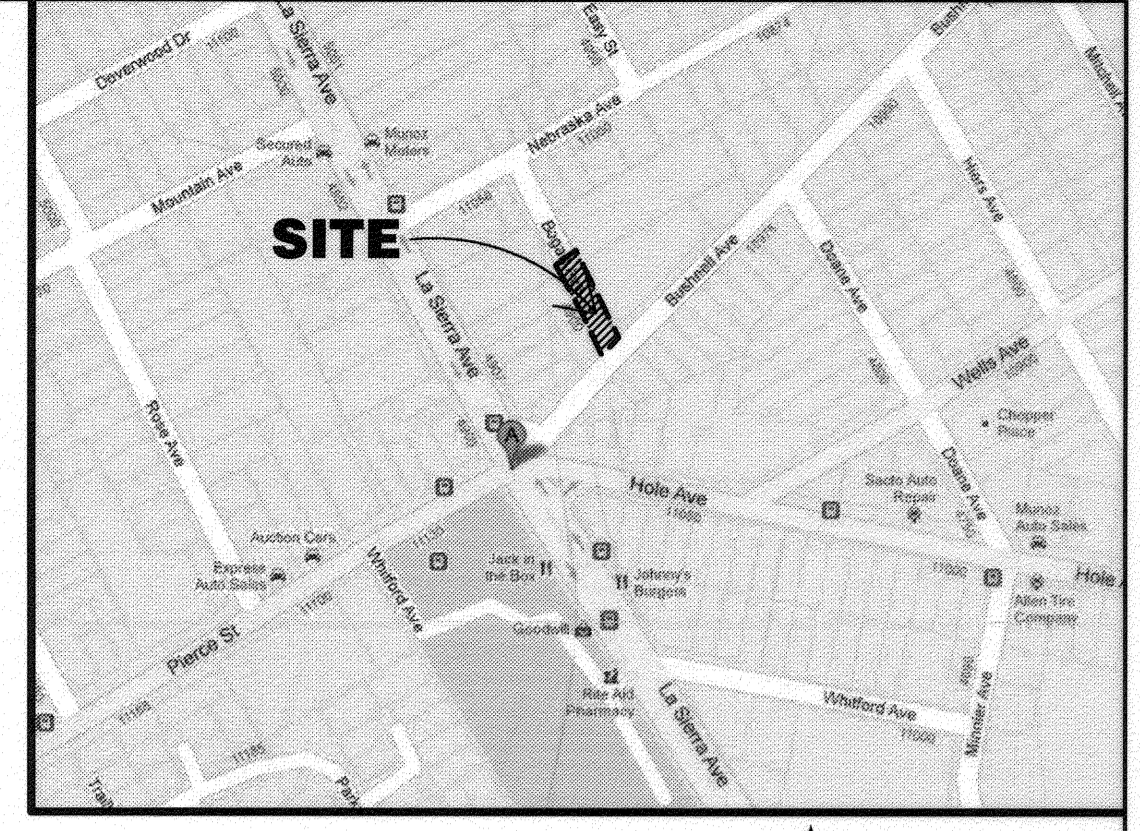
**GENERAL NOTES:**

- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR, A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- SEE "STREET LIGHTING PLANS" FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- 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 SHOWN ON THE PLANS AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
- CONSTRUCT DRIVEWAY APPROACHES PER STANDARD DRAWING 302. EXACT SIZE AND LOCATION TO BE STAKED BY THE PRIVATE ENGINEER PRIOR TO CONSTRUCTION OF THE CURB AND GUTTER.
- THE DEVELOPER AND/OR CONTRACTOR SHALL ARRANGE FOR A SOIL TEST TO BE MADE BY A SOILS ENGINEER AFTER THE STREETS HAVE BEEN PREPARED TO ROUGH GRADE AND PRIOR TO CURB AND GUTTER CONSTRUCTION. DEPTH OF BASE MATERIAL AND A.C. PAVING SHALL BE DETERMINED BY THE CITY OF RIVERSIDE DESIGN STANDARDS AND TEST PROCEDURES.
- ALL OVERHANGING TREE LIMBS THAT ARE LESS THAN 14' ABOVE THE STREET GRADE SHALL BE TRIMMED BACK.
- ON ALL AREAS WITHIN PUBLIC RIGHT OF WAY WHERE THE FILL IS ONE (1) FOOT OR GREATER, A LETTER WILL BE REQUIRED FROM THE SOILS ENGINEER, CERTIFYING THE COMPACTION OF THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/CUT SHEETS.
- STREET OPENING PERMIT FOR CONSTRUCTION AND/OR MODIFICATION OF TRAFFIC SIGNAL FACILITIES IS REQUIRED.
- ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
- ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
- FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 1-800-227- 2600, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
- TRIM EDGE OF EXISTING PAVEMENT WHERE NEW PAVEMENT JOINS TO A SMOOTH, STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON PLAN AND OVERLAY PAVING AS DIRECTED IN THE FIELD.
- CURB AND GUTTER SHALL BE STAKED WITH 3' OFFSETS AT 25' INTERVALS AND TWO ROWS OF #3 REBAR SHALL BE PLACED IN GUTTER WHERE GRADE IS LESS THAN 0.40%. PLACE 3/4" DOWEL PINS AT ALL EXPANSION JOINTS.
- THE CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.

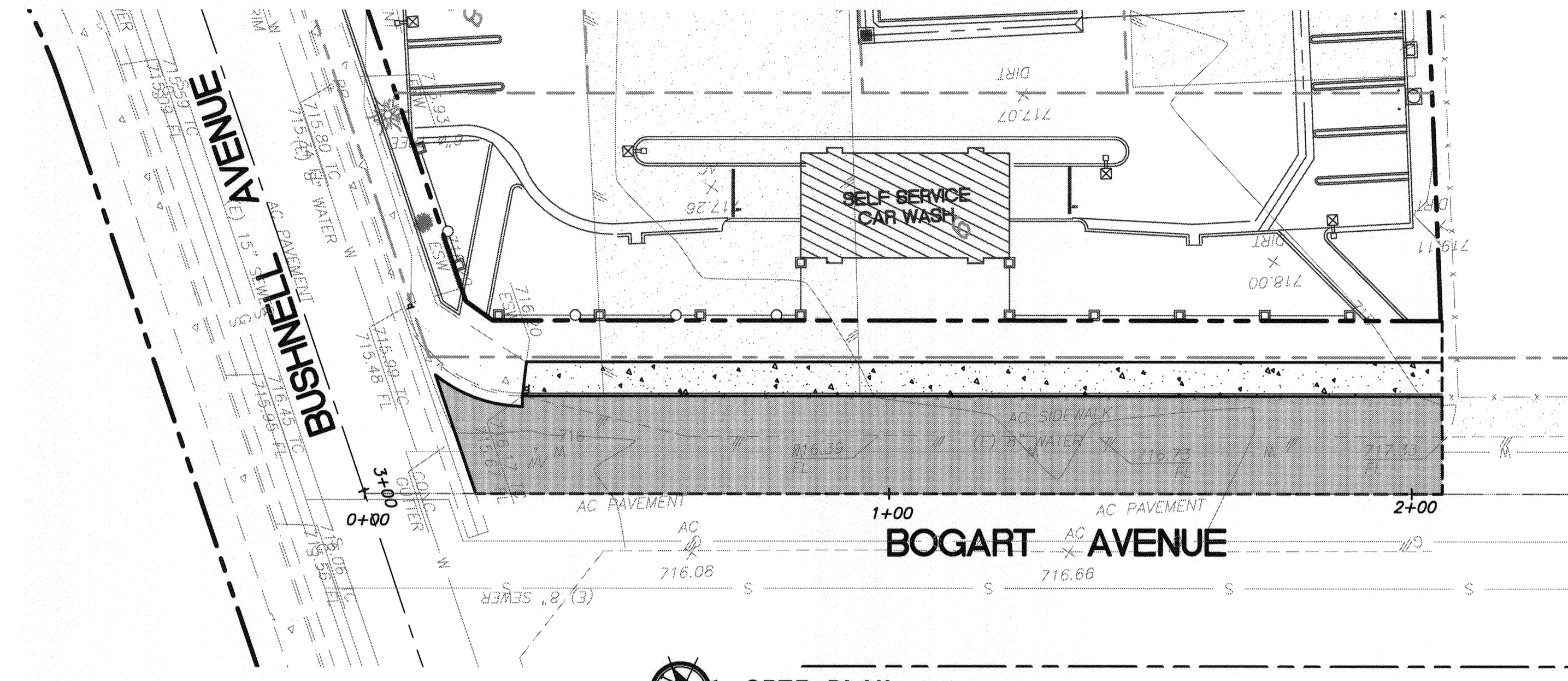
# STREET IMPROVEMENT PLAN

## BOGART AVENUE

FROM STA.00+21.16 TO STA. 2+05.85 WEST OF BUSHNELL AVENUE



VICINITY MAP  
NOT TO SCALE



**SITE PLAN**  
SCALE: 1" = 20'

**SHEET INDEX**  
1 - TITLE SHEET  
2 - STREET IMPROVEMENT PLAN

**LEGEND:**

AB	- AGGREGATE BASE
AC	- ASPHALT CONCRETE
BC	- BACK OF CURB
BCR	- BEGINNING OF CURB RETURN
BOP	- BOTTOM OF PIPE
CB	- CATCH BASIN
CF	- CURB FACE
CL	- CENTERLINE
CONC.	- CONCRETE
CONST.	- CONSTRUCT, CONSTRUCTION
DI	- DRAIN INLET
DS	- DOWNSPOUT
DMG	- DRAWING
EC	- END OF CURVE
E	- EAST
EA	- EACH
ECR	- END OF CURB RETURN
E'LY	- EASTERLY
EP	- EDGE OF PAVEMENT
ESMT	- EASEMENT
FF	- FINISHED FLOOR
FG	- FINISHED GRADE
FL	- FLOW LINE
FS	- FINISHED SURFACE
GB	- GRADE BREAK
HDR	- HEADER
HP	- HIGH POINT
INV	- INVERT
JS	- JUNCTION STRUCTURE
LF	- LINEAR FOOT
LP	- LOW POINT
LS	- LUMP SUM
MH	- MANHOLE
MOC	- MIDDLE OF CURVE
N'LY	- NORTHERLY
N	- NORTH
NTS	- NOT TO SCALE
O.C.	- ON CURVE
PCC	- PORTLAND CEMENT CONCRETE
PL	- PROPERTY LINE
PUE	- PUBLIC UTILITY EASEMENT
PVC	- POLYVINYL CHLORIDE
R	- RADIUS
RD	- ROOF DRAIN
RH	- REDWOOD HEADER
RL	- RIDGE LINE
RWD	- REDWOOD
RW	- RECLAIMED WATER
R/W	- RIGHT-OF-WAY
S	- SEWER OR SOUTH
SD	- STORM DRAIN
SF	- SQUARE FOOT
S'LY	- SOUTHERLY
SPWC	- STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION
SSPWC	- STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION
STD.	- STANDARD
TAN	- TANGENT
TC	- TOP OF CURB
TOP	- TOP OF PIPE
TS	- TOP OF SLOPE
W	- WATER OR WEST
W'LY	- WESTERLY
XXX.XX	- PROPOSED ELEVATION
(XXX.XX)	- EXISTING ELEVATION
→	- DRAINAGE FLOW DIRECTION
---	- EXISTING BLOCK WALL FENCE
---	- NEW BLOCK WALL
●	- WOOD FENCE
■	- WROUGHT IRON FENCE
---	- EXISTING CONTOURS
---	- PROPOSED CONTOURS
XXX.XX'	- SPOT ELEVATION

**GENERAL PAVING NOTES:**

- ALL UNDERGROUND FACILITIES, WITH LATERALS, SHALL BE IN PLACE PRIOR TO PAVING, INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: SEWER, WATER, ELECTRIC, GAS, STORM DRAINS.
- ALL CONCRETE CURBS, GUTTER, AND PERIMETER STRUCTURES OR HEADERS SHALL BE IN PLACE PRIOR TO PAVING.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR DEVELOPER TO INSTALL AND MAINTAIN ALL CONSTRUCTION REGULATORY, GUIDE AND WARNING SIGNS WITHIN THE PROJECT LIMITS AND ITS SURROUNDING TO PROVIDE SAFE PASSAGE FOR THE TRAVELING PUBLIC AND WORKERS UNTIL THE FINAL COMPLETION AND ACCEPTANCE OF THE PROJECT BY THE CITY OF RIVERSIDE.
- ALL PAVING AND BASE SECTIONS ARE TENTATIVE. ADDITIONAL SOILS TESTS SHALL BE TAKEN BY THE DEVELOPER/OWNER AFTER ROUGH GRADING TO DETERMINE THE EXACT STRUCTURAL SECTION REQUIREMENTS.
- ASPHALTIC EMULSION (FOG SEAL) SHALL BE APPLIED NOT LESS THAN FOURTEEN DAYS FOLLOWING PLACEMENT OF THE ASPHALTIC SURFACING. FOG SEAL AND PAINT BINDER SHALL BE APPLIED AT A RATE OF 0.05 AND 0.03 GALLON PER SQUARE YARD RESPECTIVELY. ASPHALTIC EMULSION SHALL CONFORM TO SECTION 39 OF THE STATE STANDARD SPECIFICATIONS.
- PRIME COAT IS REQUIRED PRIOR TO PAVING ON ALL GRADES IN EXCESS OF TEN PERCENT.
- TO IMPROVE TRAFFIC SAFETY ON THE ROADS UNDER THE JURISDICTION OF THE DEVELOPER, THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ADDITIONAL SIGNS AND MARKINGS NOT SHOWN HEREON, OR ON ROADWAYS ADJACENT TO THE PROJECT BOUNDARIES, UPON THE REQUEST OF THE CITY INSPECTOR OR HIS DESIGNEE TO IMPROVE TRAFFIC SAFETY ON THE ROADS UNDER THE JURISDICTION OF THE DEVELOPER.
- AN APPROVED SOIL STERILIZER SHALL BE USED ON ALL SUBGRADE SURFACES PRIOR TO PLACEMENT OF PAVING.

**WATER QUALITY NOTES:**

- SEDIMENTS AND POLLUTANTS FROM AREAS DISTURBED BY CONSTRUCTION SHALL BE RETAINED ON SITE USING STRUCTURAL CONTROLS TO THE MAXIMUM EXTENT POSSIBLE.
- NO PAINT, PLASTER, CEMENT, SOIL, MORTAR OR OTHER CONSTRUCTION RELATED MATERIALS SHALL BE ALLOWED TO ENTER STREETS, GUTTERS AND STORM DRAINS. ALL MATERIALS AND WASTE SHALL BE REMOVED FROM THE SITE.
- STOCKPILES OF SOIL SHALL BE PROPERLY CONTAINED TO REDUCE OR ELIMINATE SEDIMENT TRANSPORT FROM THE SITE TO STREETS OR ADJACENT PROPERTIES VIA RUNOFF, VEHICLE TRACKING OR WIND.
- ALL CONSTRUCTION CONTRACTOR AND SUBCONTRACTOR PERSONNEL ARE TO BE MADE AWARE OF THE REQUIRED BEST MANAGEMENT PRACTICES (BMP) AND GOOD HOUSEKEEPING MEASURES FOR THE PROJECT SITE AND ANY ASSOCIATED CONSTRUCTION STAGING AREAS. AT THE END OF EACH DAY OF CONSTRUCTION ACTIVITY, ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED IN TRASH OR RECYCLE BINS.

**SPECIAL NOTE:**

- SURVEY MONUMENT SHALL BE PRESERVED AND RESERVED BEFORE CONSTRUCTION AND REPLACED AFTER CONSTRUCTION PURSUANT TO SECTION 8772 OF THE BUSINESS AND PROFESSIONS CODE.
- CONTRACTOR TO FIELD VERIFY EXISTING CONDITION PRIOR TO CONSTRUCTION, NOTIFY ENGINEER FOR CHANGED CONDITION.

**NOTE FROM PRIVATE ENGINEER TO CONTRACTOR:**

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 PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

**CITY WATER DEPARTMENT NOTE:**

A MINIMUM COVER OF 24" SHALL BE MAINTAINED ABOVE ALL WATER LINES DURING ALL EXCAVATION, BACKFILL AND COMPACTION ACTIVITIES DURING STREET IMPROVEMENTS. CONTACT TONI REDMAN AT (951) 826-2126 IF COVER IS REDUCED BEYOND THIS OR FOR ANY OTHER QUESTIONS REGARDING THIS REQUIREMENT.

**CONSTRUCTION NOTES:**

	Q'TY
① CONSTRUCT 4" AC OVER 8" CL2 CALTRANS CRUSHED AGGREGATE BASE PER SOILS REPORT SR#1740. COMPACT BASE TO SSPWC STD.	3,384 SF
② CONSTRUCT CURB & GUTTER PER CITY STANDARD DRAWING 200, TYPE I.	175 LF
③ CONSTRUCT SIDEWALK PER CITY STANDARD DRAWING 325.	1,140 SF
④ FURNISH AND INSTALL NEW STREET SIGN PER CITY OF RIVERSIDE STD DWG 662 AND 664.	1 EA
⑤ FURNISH AND INSTALL NEW STOP SIGN PER CITY OF RIVERSIDE STD DWG 662 AND 664.	1 EA

**CITY OF RIVERSIDE**  
PUBLIC UTILITIES DEPARTMENT  
WATER DIVISION  
For Water Conflicts Only

APPROVED BY: *[Signature]* DATE: 8/12/2014  
VOID ONE YEAR FROM THIS DATE

**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 48 HOURS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

**ENGINEER IN RESPONSIBLE CHARGE**

*[Signature]*  
LOUIE M. MERCURIO  
R.C.E. No. 75905 expires 6/30/16  
DATE 8/11/2014

REGISTERED PROFESSIONAL ENGINEER  
LOUIE M. MERCURIO  
No. 75905  
Exp. 6/30/16  
CIVIL  
STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY *LM* DRAWN BY *LM* CHECKED BY

**CITY OF RIVERSIDE, CALIFORNIA**  
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE	APPROVED BY
CAPITAL PROJECTS	<i>[Signature]</i>	8/12/14	<i>[Signature]</i>
TRAFFIC ENGINEERING	<i>[Signature]</i>	8-12-14	CITY ENGINEER/PW DIRECTOR

DATE 8/12/2014

**BOGART AVENUE**  
**STREET IMPROVEMENT**

At Various Locations

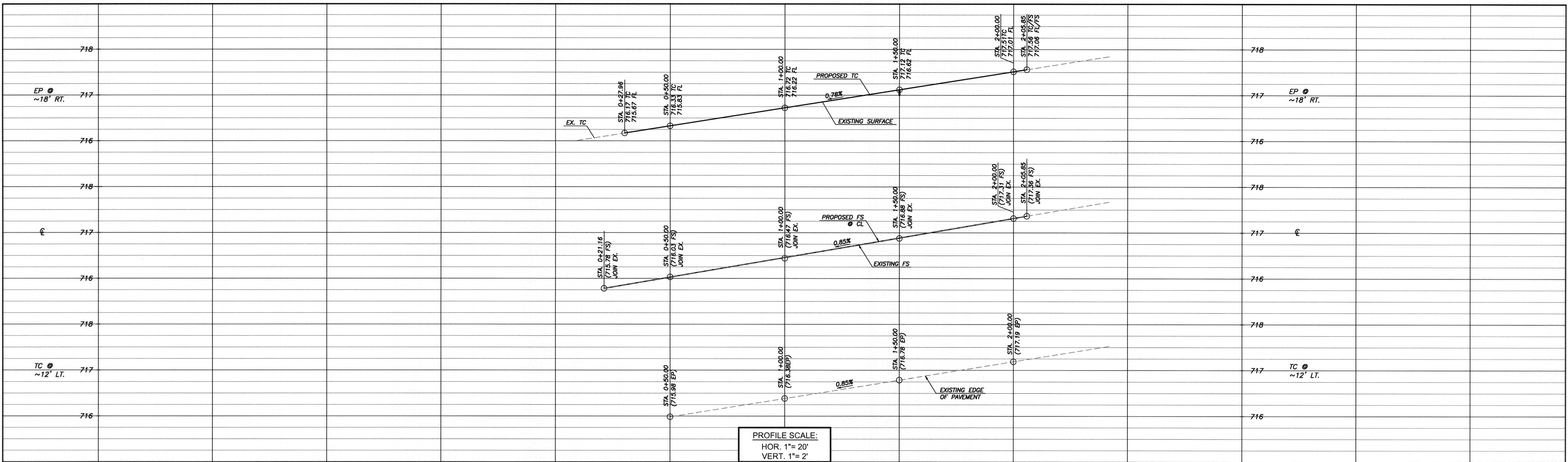
HORIZONTAL SCALE: 1" = 20' VERTICAL SCALE: 1" = 2'

PW14-0261

ACCT. NO. XXXXXXXXXX XXXXXXXXXX

**R-4310**

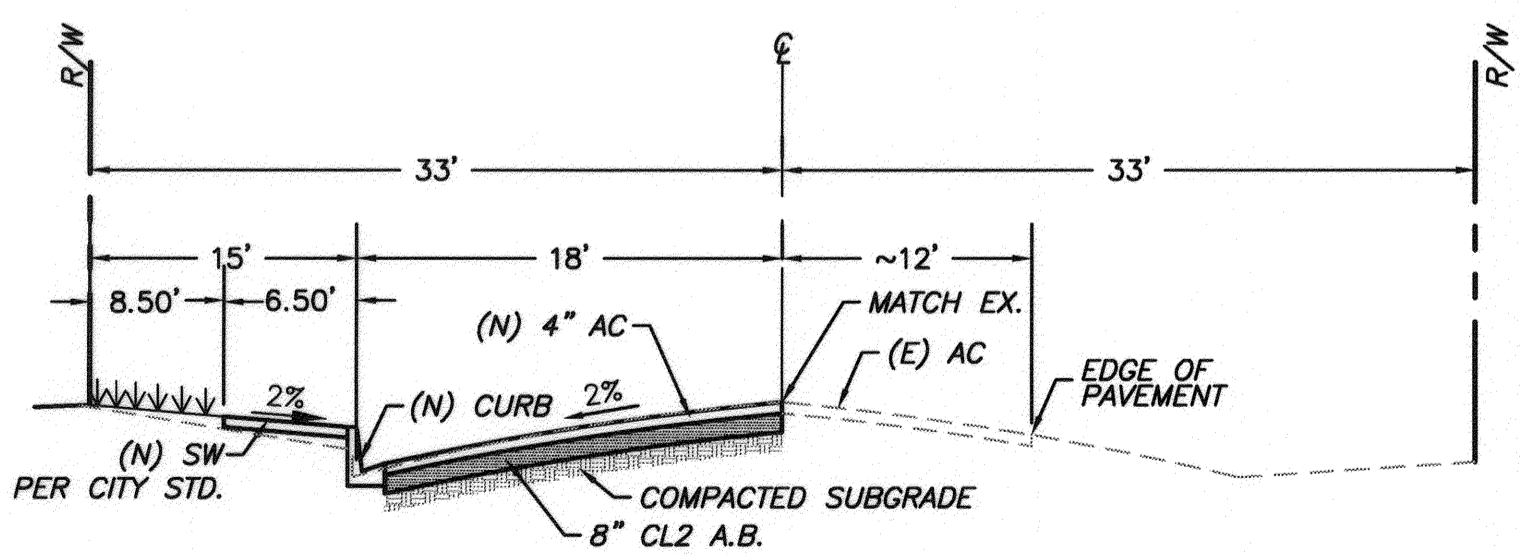
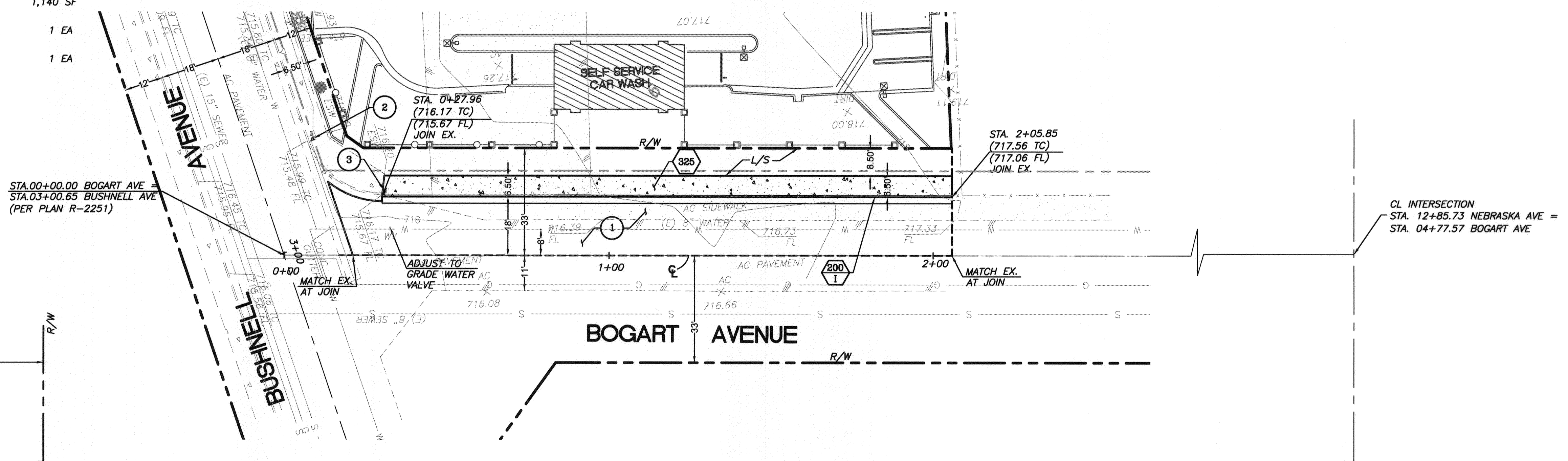
SHEET 1 OF 2



PROFILE SCALE:  
HOR. 1" = 20'  
VERT. 1" = 2'

**CONSTRUCTION NOTES:**

- |     |  |      |          |
|-----|--|------|----------|
| 1   | CONSTRUCT 4" AC OVER 8" CL2 CALTRANS CRUSHED AGGREGATE BASE PER SOILS REPORT SR#1740. COMPACT BASE TO SPPWC STD. | Q'TY | 3,384 SF |
| 200 | CONSTRUCT CURB & GUTTER PER CITY STANDARD DRAWING 200, TYPE I.   |      | 175 LF   |
| 325 | CONSTRUCT SIDEWALK PER CITY STANDARD DRAWING 325.  |      | 1,140 SF |
| 2   | FURNISH AND INSTALL NEW STREET SIGN PER CITY OF RIVERSIDE STD DWG 662 & 664.                                     |      | 1 EA     |
| 3   | FURNISH AND INSTALL NEW STOP SIGN PER CITY OF RIVERSIDE STD DWG 662 & 664.                                       |      | 1 EA     |



TYPICAL SECTION  
BOGART AVENUE  
NOT TO SCALE  
T.I. = 5.0  
SECTION PER SR#1740

TYPICAL SECTION  
BOGART AVENUE  
STATION 0+21.16 TO 2+05.85  
1"=20'

**CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT  
WATER DIVISION  
For Water Conflicts Only**

APPROVED BY: *Matthew Baker*  
DATE: 8-18-2014  
VOID ONE YEAR FROM THIS DATE

**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 48 HOURS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

**ENGINEER IN RESPONSIBLE CHARGE**

LOUIE M. MERCURIO  
R.C.E. No. 75965 expires 6/30/16  
DATE 8/11/2014



MARK	REVISIONS	APPR.	DATE

DESIGNED BY: *LM* DRAWN BY: *LM* CHECKED BY:

**CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT**

APPROVED BY:  BY:  DATE:

APPROVED BY:  BY:  DATE:

CITY ENGINEER/PW DIRECTOR

DATE: 8/19/2014

SR#1740 PW14-0261

**BOGART AVENUE  
STREET IMPROVEMENT**

At Various Locations

HORIZONTAL SCALE: 1" = 20' VERTICAL SCALE: 1" = 2'

ACCT. NO. XXXXXXXXXXXXXXXXXXXX

**R-4310**

SHEET 2 OF 2