



Contract Number

SAP Number

## San Bernardino County Flood Control District

Department Contract Representative  
Telephone Number

Melissa Walker  
(909) 387-7995

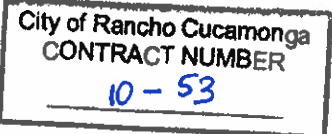
Contractor  
Contractor Representative  
Telephone Number  
Contract Term

City of Rancho Cucamonga  
Gianfranco Laurie  
(909) 774-7037  
January 26, 2010 – January 30,  
2030

Original Contract Amount  
Amendment Amount  
Total Contract Amount  
Cost Center

Non-Financial CUA  
Non-Financial CUA  
Non-Financial CUA  
Non-Financial CUA

IT IS HEREBY AGREED AS FOLLOWS:



### CITY OF RANCHO CUCAMONGA

#### MULTI-USE TRAIL - COMMON USE AGREEMENT - AMENDMENT NO. 5

**WHEREAS**, on January 11, 1993, the San Bernardino County Flood Control District (**DISTRICT**) and the City of Rancho Cucamonga (**CITY**) executed a Memorandum of Understanding (**MOU**), Contract No. 93-20, under which the parties agreed to cooperate in the development of a multi-use trail system within portions of **DISTRICT** right-of-way in the **CITY**, and

**WHEREAS**, the **MOU** stipulates that "individual portions of the approved conceptual plan shall be accomplished under a separate agreement," and

**WHEREAS**, **DISTRICT** and **CITY** on January 26, 2010, executed a Common Use Agreement (**AGREEMENT**), Contract No. 10-53, for a recreational multi-use community trail along portions of Day Creek and Deer Creek Channels, and

**WHEREAS, DISTRICT and CITY subsequently entered into the following amendments to the AGREEMENT:**

- Amendment No. 1 to the **AGREEMENT**, on June 28, 2011, to add a segment of a recreational multi-use community trail system along **DISTRICT's** Cucamonga Channel, from the previous alignment of the Southern Pacific Railroad to Red Hill Country Club Drive (**Area of Common Use No. 2**), and
- Amendment No. 2 to the **AGREEMENT**, on May 21, 2013, to add a segment of a recreational multi-use community trail system along **DISTRICT's** Cucamonga Channel, From Foothill Blvd. to Baseline Road (**Area of Common Use No. 3**), and
- Amendment No. 3 to the **AGREEMENT**, on November 04, 2014, to add a segment of a recreational multi-use community trail system along **DISTRICT's** Deer Creek Channel, from Church Street to Baseline Road (**Area of Common Use No. 4**), and
- Amendment No. 4 to the **AGREEMENT**, on December 10, 2019, to add segments of a recreational multi-use community trail system along **DISTRICT's** Deer Creek Channel, from Church Street to 4<sup>th</sup> street (**Area of Common Use No. 5**), and a segment along **DISTRICT's** Cucamonga Creek Channel, from Foothill boulevard to 4<sup>th</sup> street (**Area of Common Use No. 6**), and

**WHEREAS, DISTRICT** is currently processing construction permit No. P-12019078 to the City of Fontana to add a segment of the multi-use trail along **DISTRICT's** East Etiwanda Creek Channel from Baseline Avenue in the City of Fontana's jurisdiction, crossing underneath the I-15 freeway, northerly to Banyan street in **CITY's** jurisdiction, and

**WHEREAS, DISTRICT, and CITY** desire to amend the existing **AGREEMENT**, to add the additional stretch of multi-use trail.

**NOW, THEREFORE, IT IS UNDERSTOOD AND MUTUALLY AGREED AS FOLLOWS:**

1. **DISTRICT and CITY** hereby amend the **AGREEMENT** to add a segment of the multi-use trail along **DISTRICT's** East Etiwanda Creek Channel from underneath the I-15 freeway to Banyan Street, "**CITY IMPROVEMENTS NO. 7**", the location of which is shown as **AREA OF COMMON USE NO. 7** on the attached map marked as "**Exhibit L**" and which improvements are also shown on attached plans, marked "**Exhibit M**". The **AGREEMENT** is hereby amended to attach **Exhibit L** and **Exhibit M** as if originally set forth therein.
2. **DISTRICT and CITY** agree that all terms and conditions of the **AGREEMENT** shall also apply to **CITY IMPROVEMENTS NO. 7** located in **AREA OF COMMON USE NO. 7**.
3. The definitions of **CITY IMPROVEMENTS** and **AREA OF COMMON USE** set forth in the **AGREEMENT** are hereby amended to include **CITY IMPROVEMENTS NO. 7** and **AREA OF COMMON USE NO. 7**, defined herein.
4. The Parties agree that this Amendment No. 5 may be executed in counterparts, each of which shall be deemed to be an original, but both of which together shall constitute one and the same instrument, and that a photocopy or facsimile may serve as an original. If this Amendment No. 5 is executed in counterparts, no signatory hereto shall be bound until both the parties have fully executed a counterpart of this Amendment No. 5. The Parties shall be entitled to sign and transmit an electronic signature of this Amendment No. 5 (whether by facsimile, PDF, or other email transmission), which signature shall be binding on the party whose name is contained therein. Each Party providing an electronic signature agrees to promptly execute and deliver to the other party an original signed Amendment No. 5 upon request.

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5. Unless amended as set forth herein, all terms and conditions of the **AGREEMENT**, as previously amended, shall remain unchanged and in full force and effect.
  6. This Amendment No. 5 shall take effect on the date it is signed by both parties.
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IN WITNESS WHEREOF, this Amendment No. 5 has been fully executed on behalf of DISTRICT and CITY by their duly authorized representatives.

**SAN BERNARDINO COUNTY  
FLOOD CONTROL DISTRICT**



Curt Hagman, Board Chairman

Dated: \_\_\_\_\_

SIGNED AND CERTIFIED THAT A COPY OF THIS  
DOCUMENT HAS BEEN DELIVERED TO THE  
CHAIRMAN OF THE BOARD

Lynna Monell, Clerk of the Board

By \_\_\_\_\_

Deputy

City of Rancho Cucamonga

(Print or type name of corporation, company, contractor, etc.)

By

[Signature]

(Authorized signature - sign in blue ink)

Name

L. Dennis Michael

(Print or type name of person signing contract)

Title

Mayor

(Print or Type)

Dated:

12/16/2020

Address

10500 Civic Center Dr.

Rancho Cucamonga, CA 91730

**FOR COUNTY USE ONLY**

Approved as to Legal Form



Sophie A. Akins, Deputy County Counsel

Date \_\_\_\_\_

Reviewed for Contract Compliance



Andy Silao, P.E.

Date \_\_\_\_\_

Reviewed/Approved by District

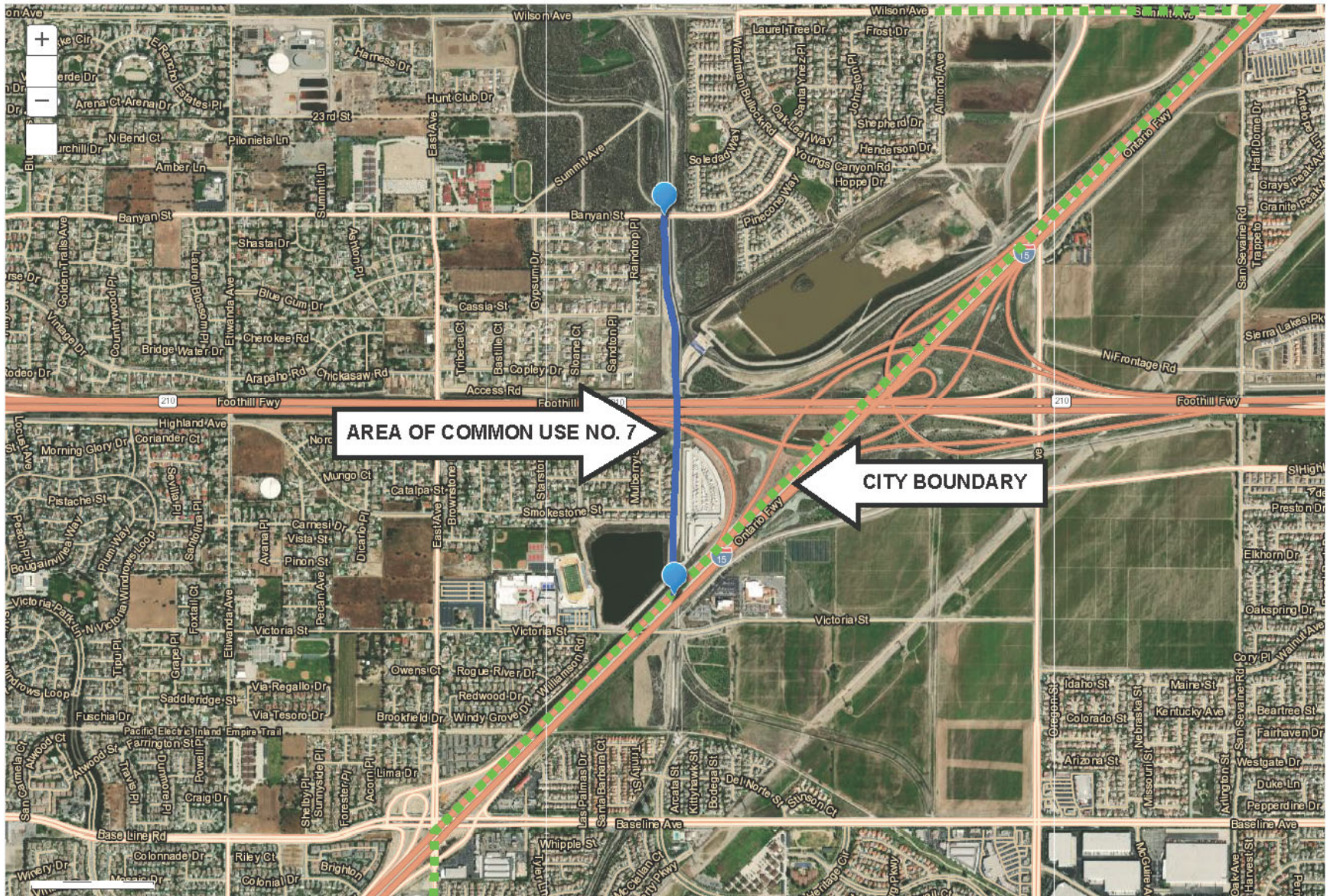


Brendon Biggs, Chief Flood Control Engineer

Date \_\_\_\_\_



## EXHIBIT L



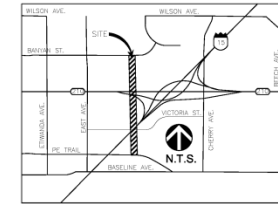


# EXHIBIT M

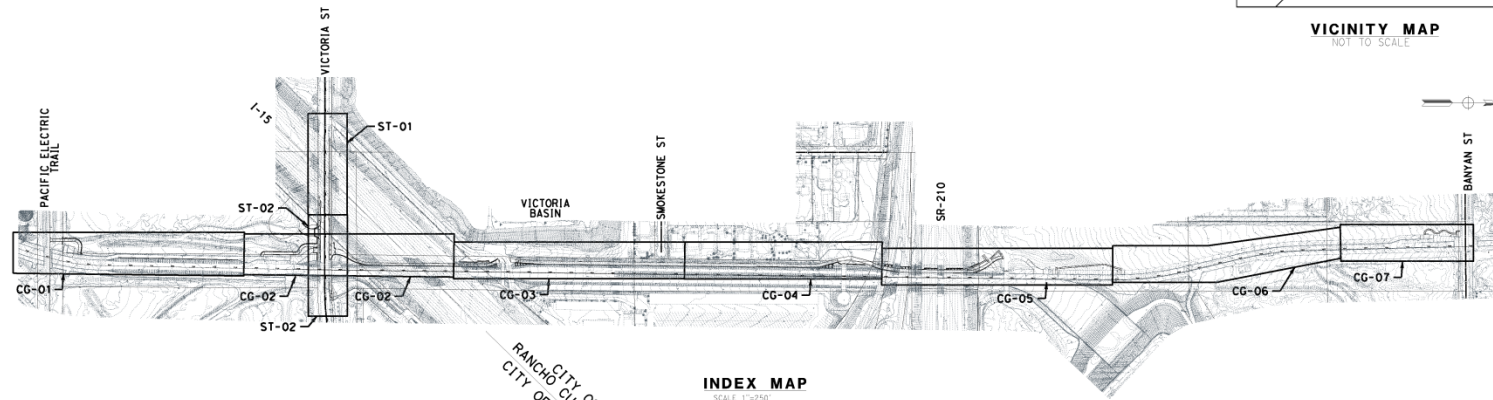
## SHEET INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	GENERAL NOTES
3-5	TYPICAL SECTIONS
6-12	GRADING AND PAVEMENT PLANS
13-14	STREET IMPROVEMENT PLANS

# CITY OF FONTANA TRAIL IMPROVEMENT PLANS FOR SAN SEVAINE TRAIL



VICINITY MAP  
NOT TO SCALE



## WATER

SAN GABRIEL VALLEY  
WATER COMPANY (FONTANA  
WATER)  
15966 ARROW ROUTE  
FONTANA, CA 92335  
MATT YUCELEN  
(909) 201-7375

WEST VALLEY WATER  
DISTRICT  
PO BOX 920  
RIALTO, CA 92377  
(909) 875-1804

CUCAMONGA VALLEY WATER  
DISTRICT  
10440 ASHFORD STREET  
RANCHO CUCAMONGA, CA  
91730  
(855) 654-2893

LEUA  
VICTORIA BASIN  
(909) 993-1501

## TELEPHONE

AT&T  
3939 E. CORONADO ST.  
2ND FLOOR  
ANAHEIM, CA 92807  
(951) 916-7019

VERIZON  
(800) 624-9675

FRONTIER  
(800) 837-4966  
(909) 469-6369

## GAS

SOUTHERN CALIFORNIA  
GAS COMPANY  
1981 W LUCONIA AVE  
REDLANDS, CA 92374  
(909) 335-7955

## SEWER

CITY OF  
FONTANA SEWER  
8353 SIERRA AVE  
FONTANA, CA  
92335  
(909) 350-6632

## ELECTRICITY

SOUTHERN  
CALIFORNIA EDISON  
7951 REDWOOD AVE  
FONTANA, CA 92336  
(909) 357-6585

## CABLE TV

TIME WARNER CABLE  
1500 AUTO CENTER DR  
ONTARIO, CA 91761  
(909) 975-3398

## FIBER OPTIC

CALTRANS DISTRICT  
8 OPERATIONS  
INLAND EMPIRE TMC  
13982 VICTORIA ST  
FONTANA, CA 92336  
(909) 356-3755

## UNDERGROUND UTILITIES AND STRUCTURES

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY  
PIPES AND/OR STRUCTURES SHOWN ON THESE PLANS WERE  
OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. THESE  
LOCATIONS ARE APPROXIMATED AND SHALL BE CONFIRMED BY  
THE CONTRACTOR, SO THAT ANY NECESSARY ADJUSTMENT CAN  
BE MADE IN THE ALIGNMENT AND/OR GRADE OF THE  
PROPOSED IMPROVEMENT. THE CONTRACTOR IS REQUIRED TO  
TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ANY  
UTILITY LINES SHOWN AND ANY OTHER LINES NOT ON RECORD  
OR NOT SHOWN ON THESE PLANS.

THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY  
FOR THE UTILITIES SHOWN/NOT SHOWN. THE CONTRACTOR IS  
REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO  
PROTECT ALL UTILITIES SHOWN ON THESE PLANS AND/OR ANY  
OTHER UNDERGROUND FACILITIES NOT OF RECORD OR NOT  
SHOWN ON THESE PLANS. CALL UNDERGROUND SERVICE ALERT  
(U.S.A.) 1-800-227-2600 AT LEAST 2 WORKING DAYS PRIOR  
TO EXCAVATION.

## BENCHMARK

1-3/8" BRASS DISK IN FOOTING OF POWER TOWER 21/4, 280'  
NORTHEAST FROM THE INTERSECTION OF HERITAGE CIRCLE  
AND THE POWER TRANSMISSION LINE AT THE NORTH LEG OF  
TOWER 21/4, ELY=1281.50. STAMPED "MWD BM E 6."

## PRIVATE ENGINEER'S NOTICE TO CONTRACTORS

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH  
GENERALLY ACCEPTED CONSTRUCTION PRACTICES, HE/SHE WILL  
BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY  
FOR JOB SITE CONDITIONS DURING THE COURSE OF  
CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF  
ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE  
MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO  
NORMAL WORKING HOURS. 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 THE DESIGN PROFESSIONAL.

THE ENGINEER PREPARING THESE PLANS WILL NOT BE  
RESPONSIBLE FOR OR LIABLE FOR UNAUTHORIZED CHANGES TO  
OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST  
BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF  
THESE PLANS.

## BASIS OF BEARINGS

CALIFORNIA STATE PLANE COORDINATE SYSTEM NAD83, ZONE  
5, 2011.00 EPOCH AS DETERMINED BETWEEN CONTINUOUSLY  
OPERATING REFERENCE STATIONS (C.O.R.S.) "E.W.P.P.  
(ETIMANDA POWER PLANT) AND "R.T.H.S." (RIALTO HIGH  
SCHOOL) BEING NORTH 84°19'30"W.



REV.	REVISION DESCRIPTION	DATE	ENR.	CITY	DATE

SHOULD CONSTRUCTION OF THE REQUIRED  
IMPROVEMENTS NOT COMMENCE WITHIN TWO  
YEARS OF THE DATE OF APPROVAL SHOWN HEREON  
AND CARRIED FORTH IN A DILIGENT MANNER, THE  
CITY ENGINEER MAY REQUIRE REVISIONS TO THE  
PLANS TO BRING THEM INTO CONFORMANCE WITH  
STANDARDS IN EFFECT.

Prepared Under The Supervision Of :		APPROVED BY: ASSISTANT CITY ENGINEER-CITY OF RANCHO CUCAMONGA DATE: R.C.E. 71374	
CITY OF FONTANA, CALIFORNIA TRAIL IMPROVEMENT PLAN		CITY OF FONTANA, CALIFORNIA TRAIL IMPROVEMENT PLAN	
DATE :	R.C.E. 47086	DATE :	R.C.E. 31132
DSTU	D. STUETZEL	DATE :	R.C.E. 31132
TITLE SHEET		TITLE SHEET	
DRAWN BY: R. WELLS		SCALE: AS NOTED	
CHECKED BY: A. VEIRA		DATE: 05/01/2020	
APPROVED BY: CITY ENGINEER-FONTANA		DRAWING NO.: CV-01	

# CITY OF FONTANA - STREET IMPROVEMENT NOTES

- ALL WORK SHALL BE IN ACCORDANCE WITH THESE PLANS, THE CITY OF FONTANA STANDARD PLANS, THE CONTRACT PROVISIONS AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ("GREEN BOOK"). ALL REFERENCES TO SPECIFICATIONS AND STANDARDS SHALL BE THE LATEST EDITION UNLESS OTHERWISE NOTED.
- WHEN A TECHNICAL CONFLICT IS FOUND TO EXIST IN THE CONTRACT DOCUMENTS THAT CAN NOT BE RESOLVED BY REFERENCE TO PRECEDENCE PROVISIONS ("GREEN BOOK"), THE CONTRACTOR SHALL IMMEDIATELY REPORT SAID CONFLICT TO THE CITY ENGINEER FOR RESOLUTION.
- ALL MATERIALS AND METHODS ARE SUBJECT TO THE APPROVAL OF THE CITY ENGINEER.
- CONSTRUCTION PERMITS SHALL BE OBTAINED FROM THE CITY OF FONTANA COMMUNITY DEVELOPMENT DEPARTMENT, ENGINEERING DIVISION PRIOR TO THE START OF ANY WORK. INSPECTION COORDINATION SHALL BE REQUESTED AT LEAST TWO WORKING DAYS PRIOR TO THE START OF ANY WORK IN PUBLIC RIGHT-OF-WAY WITHIN THE CITY LIMITS. CALL (909) 350-7610.
- THE CONTRACTOR SHALL CONFORM TO ALL TRAFFIC CONTROL POLICIES, METHODS AND PROCEDURES DESCRIBED IN THE STATE OF CALIFORNIA MANUAL OF TRAFFIC CONTROLS, LATEST NON-METRIC EDITION UNLESS OTHERWISE DIRECTED BY CITY TRAFFIC ENGINEER.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN BARRICADES, DELINEATORS OR OTHER TRAFFIC CONTROL DEVICES AT ALL TIMES.
- THE CONTRACTOR SHALL OBTAIN A PERMIT TO PERFORM EXCAVATION OR TRENCH WORK FOR TRENCHES 4 FEET OR GREATER IN DEPTH FROM THE CALIFORNIA STATE DIVISION OF INDUSTRIAL SAFETY.
- THE WALLS AND FACES OF ALL EXCAVATIONS GREATER THAN FIVE (5) FEET IN DEPTH SHALL BE PROTECTED BY SHORING, SLOPING OF THE GROUND OR OTHER APPROVED MEANS PURSUANT TO THE REQUIREMENTS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA. TRENCHES LESS THAN FIVE (5) FEET SHALL ALSO BE GUARDED WHEN THE POTENTIAL EXISTS FOR GROUND MOVEMENT.
- NO MATERIAL OR EQUIPMENT SHALL BE STORED IN THE PUBLIC RIGHT-OF-WAY WITHOUT OBTAINING SEPARATE PERMIT FOR THAT PURPOSE.
- THE LOCATIONS OF UTILITIES SHOWN HAVE BEEN DETERMINED FROM AVAILABLE INFORMATION. HOWEVER, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE, IN THE FIELD, THE TRUE LOCATION AND ELEVATION OF ANY EXISTING UTILITIES. TO EXERCISE PROPER PRECAUTION TO AVOID DAMAGE THEREO, THE CONTRACTOR SHALL CONDUCT A PRELIMINARY SERVICE ALERT AT 1-800-227-2600 TWO WORKING DAYS BEFORE EXCAVATION.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH ALL UTILITY COMPANIES INCLUDING, BUT NOT LIMITED TO, GAS, TELEPHONE, ELECTRIC, CABLE TELEVISION, LANDSCAPING, LANDSCAPE IRRIGATION, FLOOD CONTROL, RECLAIMED WATER, SEWER, STORM DRAIN, FLOOD CONTROL AND CALTRANS. ALL UTILITY COMPANIES SHALL BE GIVEN TWO WORKING DAYS NOTICE PRIOR TO WORK UNDER THEIR FACILITIES.
- THE CONTRACTOR SHALL NOT OPERATE ANY FIRE HYDRANT OR WATER MAIN VALVES WITHOUT APPROPRIATE AGENCY AUTHORIZATION. CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE WATER COMPANY FOR VALVE OPERATION AND WATER REQUIREMENTS.
- OLIVE DATA REFERS TO THE FACE OF CURB.
- STATIONING REFERS TO THE CENTERLINE OF STREETS EXCEPT WHERE OTHERWISE NOTED.
- ADEQUATE CONSTRUCTION CONTROL STAKES SHALL BE SET BY THE CITY TO ENABLE THE CONTRACTOR TO CONSTRUCT HIS WORK TO THE PLAN GRADES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF MONUMENTS AND CONSTRUCTION CONTROL STAKING DURING CONSTRUCTION. THE CONTRACTOR SHALL NOT DISTURB EXISTING MONUMENTS, MONUMENT TIES OR BENCH MARKS WITHOUT PRIOR NOTIFICATION TO THE CITY ENGINEER.
- REMOVAL AND REPLACEMENT OF EXISTING SURVEY CONTROL, INCLUDING SURVEY MONUMENTS, MONUMENT TIES AND BENCH MARKS, SHALL BE DONE BY A REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR. SURVEY MONUMENTS THAT WILL BE DESTROYED AS A RESULT OF THIS CONSTRUCTION SHALL BE REPLACED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER ONE WEEK PRIOR TO CONSTRUCTION SO THAT TIES TO MONUMENTS CAN BE ESTABLISHED FOR LATER REPLACEMENT OF THE MONUMENT.
- THE CONTRACTOR SHALL MAINTAIN ACCESS FOR LOCAL RESIDENTS AND BUSINESSES AT ALL TIMES. A MINIMUM OF TWO (2) FOOT LAYS SHALL BE MAINTAINED AT ALL TIMES IN THE CONSTRUCTION AREA FOR RESIDENTS AND EMERGENCY VEHICLES.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFECTIVE MEANS OF DUST CONTROL, INCLUDING ADEQUATE WATERING, AT ALL TIMES.
- ALL GRADING OPERATIONS SHALL BE DISCONTINUED WHEN SUSTAINED WIND VELOCITIES EXCEED 25 MILES PER HOUR.

# GENERAL NOTES CITY OF FONTANA AND RANCHO CUCAMONGA

- THE CONTRACTOR SHALL NOT CAUSE ANY EXCAVATED MATERIAL, MUD, SILT OR DEBRIS TO BE DEPOSITED ONTO PUBLIC OR PRIVATE PROPERTY ADJACENT TO THE RIGHT OF WAY DURING CONSTRUCTION WITHOUT PRIOR WRITTEN APPROVAL.
- NO TRENCH BACKFILL SHALL TAKE PLACE WITHOUT PRIOR APPROVAL OF THE CITY INSPECTOR.
- A GEOTECHNICAL ENGINEER SHALL CERTIFY ALL BACKFILL COMPACTION. FAILURE TO OBTAIN THE REQUIRED DENSITY SHALL REQUIRE RE-WORKING OF THAT PORTION OF THE WORK UNTIL THE SPECIFIED DENSITY IS OBTAINED.
- CARE SHOULD BE TAKEN TO PREVENT GRADES, DITCHES, AND SWALES FROM UNDERMINING STREET IMPROVEMENTS. UPON INSPECTION OF THE SITE, THE CITY ENGINEER MAY REQUIRE TEMPORARY NON-ERODIBLE SWALES ENTERING OR LEAVING IMPROVEMENTS.
- THE FINAL LOCATION AND WIDTH OF DRIVEWAY APPROACH APRONS SHALL BE APPROVED AT THE TIME OF CONSTRUCTION AND SHALL CONFORM TO THE CITY OF FONTANA STANDARD DETAILS.
- ALL EXPOSED CONCRETE SURFACES SHALL CONFORM IN GRADE, COLOR AND FINISH TO MATCH EXISTING CONCRETE.
- THE USE OF CURB AT THE LOCATION OF THE SEWER LATERAL/S IN THE FACE
- NO CONCRETE SHALL BE PLACED UNTIL THE FORMS AND REINFORCING STEEL HAVE BEEN PLACED, INSPECTED AND APPROVED.
- ALL UNDERGROUND UTILITIES SHALL BE INSTALLED, TESTED AND APPROVED PRIOR TO PAVING OF STREETS.
- APPROVED SOIL STEERING IS REQUIRED UNDER ALL NEW ASPHALT PAVEMENT PRIOR TO PLACEMENT.
- PAVEMENT STRUCTURAL SECTIONS SHOWN ARE MINIMUM AND SUBJECT TO REVISION AND APPROVAL OF THE CITY ENGINEER AS DETERMINED BY A GEOTECHNICAL REPORT AND SUBMITTED TO THE CITY OF FONTANA FOR APPROVAL UPON COMPLETION OF ROADWAY SUBGRADE.
- ACTUAL THICKNESS OF A.C. PAVEMENT AND/OR BASE COURSE MATERIAL FOR STRUCTURAL STREET SECTIONS SHALL BE RECOMMENDED BY A GEOTECHNICAL REPORT AND SUBMITTED TO THE CITY OF FONTANA FOR APPROVAL UPON COMPLETION OF ROADWAY SUBGRADE.
- ALL MANHOLES, CLEANOUT FRAMES, COVERS AND VALVE BOXES SHALL BE RAISED TO FINISHED GRADE BY THE PAVING CONTRACTOR UPON COMPLETION OF PAVING.
- UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL RESTORE ALL SIGNING, STRIPING, BARRICADES, AND OTHER TRAFFIC CONTROL DEVICES TO THE SATISFACTION OF THE CITY TRAFFIC ENGINEER.
- CONTRACTOR SHALL RELOCATE AND/OR REPLACE LANDSCAPING, SPRINKLERS AND SIDEWALKS AFFECTED BY CONSTRUCTION TO THE SATISFACTION OF THE CITY ENGINEER.

## CITY OF RANCHO CUCAMONGA - GENERAL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THESE PLANS, THE CITY OF RANCHO CUCAMONGA STANDARDS AND SPECIFICATIONS, CURRENT EDITION, INCLUDING ITS ANNUAL SUPPLEMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARITY WITH AND SHALL BE RESPONSIBLE FOR ADHERENCE TO THESE STANDARDS AND SPECIFICATIONS.
- ALL PIPELINES OR SUBSTRUCTURES OF ANY KIND, TELEPHONE OR POWER POLES, WATER METERS, VALVES, FIRE HYDRANTS, ETC. SHOWN OR NOT SHOWN ON THESE PLANS WITHIN THE RIGHT OF WAY SHALL BE LOCATED IN ADJACENT AREAS. WHERE UNREMOVED WORK IS TO BE DONE SHALL BE THE REMOVED, REPLACED, RELOCATED OR PROTECTED IN PLACE AS REQUIRED AT NO COST TO THE CITY OF RANCHO CUCAMONGA.
- ANY CONTRACTOR PERFORMING WORK ON THIS PROJECT SHALL FAMILIARIZE HIMSELF WITH THE CITY AND SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES RESULTING DIRECTLY OR INDIRECTLY FROM HIS OPERATIONS, WHETHER OR NOT SUCH FACILITIES ARE SHOWN ON THESE PLANS.
- A PERMIT SHALL BE OBTAINED FROM THE CITY OF RANCHO CUCAMONGA PUBLIC WORKS ENGINEERING DEPARTMENT PRIOR TO ANY ENCROACHMENT OR CONSTRUCTION WITHIN ANY CITY OF RANCHO CUCAMONGA EASEMENT OR RIGHT-OF-WAY.
- ALL GRADE STAKES SHALL BE SET BY THE CONTRACTOR OR ENGINEER. PAVING STAKES SHALL BE SET AT ALL HINGE POINTS, EDGE OF PAVEMENT POINTS WITHIN 0.01 FOOT OF SUB-GRADE ELEVATION AND AT NOT MORE THAN 50 FOOT INTERVALS. ADDITIONAL PAVING STAKES MAY BE REQUIRED BY CITY ENGINEER AS NEEDED AT WARPPED OR VERTICAL CURVE AREAS.
- ALL SEWER, WATER, ELECTRIC, GAS, PHONE OR OTHER UTILITY LATERALS, MAINS, OR CROSSINGS SHALL BE CONSTRUCTED PRIOR TO PAVING.
- COMPACTION TESTS OF EMBANKMENT CONSTRUCTION, TRENCH BACKFILL, COMPACTING ORIGINAL GROUND AND ALL SUB-GRADES SHALL BE PERFORMED AT NO COST TO THE CITY OF RANCHO CUCAMONGA. A WRITTEN REPORT WITH THESE COMPACTION TESTS SHALL BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL PRIOR TO THE PLACEMENT OF BASE MATERIALS AND/OR SUBGRADING.
- AT THE COMPLETION OF PAVING, A MATERIALS REPORT SHALL BE SUBMITTED TO THE CITY ENGINEER, LISTING ALL TESTS OR DETERMINATIONS COMPLETED TO VERIFY STABILITY, OIL CONTENT AND GRADATION OF ASPHALT PAVING.
- PRIOR TO INSTALLATION OF ANY PAVING, A MATERIALS REPORT SHALL BE SUBMITTED TO THE CITY ENGINEER, LISTING ALL TESTS OR DETERMINATIONS COMPLETED TO VERIFY R-VALUE, SIEVE ANALYSIS AND SAND EQUIVALENT OF AGGREGATE BASE.
- PAVING SHALL BE PERFORMED IN ACCORDANCE WITH R-VALUE AND PAVEMENT TESTS TAKEN TO DETERMINE STRUCTURAL SECTIONS.
- WHEN IMPROVEMENTS ARE TO BE PLACED ON NATIVE SOIL WHICH CONSISTS OF A ROCKY MATERIAL, THE SUBGRADE SHALL BE PREPARED BY REMOVING ALL ROCKS WHICH PROTRUDE ABOVE THE SUB-GRADE AND ALL VORTICES OR DEPRESSIONS SHALL BE FILLED WITH A FINE GRADE MATERIAL OF A QUALITY BETTER THAN THE NATIVE MATERIAL.

## CITY OF FONTANA - SIGNING AND STRIPING NOTES

- CONSTRUCTION PERMITS SHALL BE OBTAINED FROM THE CITY OF FONTANA DEPARTMENT OF ENGINEERING PRIOR TO THE START OF ANY WORK. INSPECTION COORDINATION SHALL BE REQUESTED AT LEAST TWO WORKING DAYS PRIOR TO THE START OF ANY WORK IN PUBLIC RIGHT-OF-WAY WITHIN THE CITY LIMITS. CALL (909) 350-7610.
- ALL WORK, MATERIALS, EQUIPMENT AND TEMPORARY TRAFFIC CONTROL SHALL CONFORM TO THESE PLANS, THE CITY OF FONTANA STANDARD SPECIFICATIONS, THE CITY'S SPECIAL PROVISIONS, SECTION 21, THE STANDARD PLAYS AND SPECIFICATIONS OF THE STATE OF CALIFORNIA, DATUM 2010, AND THE CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, DATED 2014.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN TEMPORARY TRAFFIC CONTROL AT ALL TIMES.
- ALL SIGNS SHALL BE INSTALLED PER CITY STANDARD DETAIL 4003, UNLESS OTHERWISE SHOWN ON THE PLANS.
- ALL STRIPING AND PAVEMENT MARKINGS SHALL BE ALLOY THERMOPLASTIC UNLESS OTHERWISE NOTED.
- SUBSTITUTE TYPE "A" RAISED PAVEMENT MARKERS FOR "TYPE C" MARKERS ON DETAIL 38 ON ROADWAYS WITH RAISED MEDIANS.

- SUBSTITUTE DETAIL 14A STRIPING FOR DETAIL 12 STRIPING FOR ROADWAYS WITH RAISED MEDIANS.
- STRIPING AND PAVEMENT MARKINGS TO BE REMOVED SHALL BE REMOVED BY SANDBLASTING OR SURFACING. THE "BLACK OIL" METHOD OF REMOVAL OF STRIPING SHALL BE UNIFORMELY DAMAGED BY REMOVALS SHALL BE REPAIRED PER APPROVAL OF THE CITY ENGINEER AT NO COST TO THE CITY.
- CONTROL POINTS OR "CAT TRACKING" SHALL BE APPROVED BY THE CONTRACTOR TO THE ENGINEER OF RECORD, WHO SHALL PROVIDE RECORD DRAWINGS AND ELECTRONIC AUTOCAD FILES TO THE CITY ENGINEER.
- STRIPING AND PAVEMENT MARKINGS SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- BLUE RAISED PAVEMENT MARKERS SHALL BE INSTALLED AT ALL FIRE HYDRANT LOCATIONS PER CITY STANDARD PLANS.
- AS-BUILT DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR TO THE ENGINEER OF RECORD, WHO SHALL PROVIDE RECORD DRAWINGS AND ELECTRONIC AUTOCAD FILES TO THE CITY ENGINEER.

- IF THE ASPHALT CONCRETE IS TO BE PLACED ON SUB-GRADE, A SOLS STERILANT REGISTERED BY THE E.P.A. FOR USE UNDER A.C. AND P.C.G. SHALL BE UNIFORMELY APPLIED AT THE MANUFACTURER'S RECOMMENDED RATE FOR THE FULL PAVEMENT WIDTH PRIOR TO PAVING.
- ESTIMATE OF QUANTITIES IS PROVIDED BY THE ENGINEER ONLY FOR THE CONVENIENCE OF THE DEVELOPER. THE CONTRACTOR SHALL MAKE HIS OWN DETERMINATION OF CONSTRUCTION QUANTITIES BEFORE SUBMITTING A BID. ANY ITEM OF WORK REQUIRED BY THESE PLANS WHICH IS NOT SPECIFICALLY LISTED IN THE ESTIMATE OF QUANTITIES SHALL BE CONSIDERED AS INCLUDED IN THE OTHER ITEMS OF WORK.
- STREET SIGNS PER CITY OF RANCHO CUCAMONGA STANDARD NUMBER 401 SHALL BE CONSTRUCTED AT EACH INTERSECTION.
- CITY APPROVAL OF PLANS DOES NOT RELIEVE THE DEVELOPER FROM RESPONSIBILITY FOR THE CORRECTION OF ERROR AND OMISSION DISCOVERED DURING CONSTRUCTION. UPON REQUEST THE REQUIRED PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.
- WORK SITE AND EXTERIOR STREETS SHALL BE IN A NEAT, CLEAN, HAZARD FREE, ORDERLY STATE, THROUGHOUT CONSTRUCTION. SITE SHALL BE CLEANED UPON REQUEST OF THE INSPECTOR.
- CONTACT ALL UTILITY COMPANIES AS REQUIRED, 48 HOURS PRIOR TO EXCAVATION.

## LEGEND/ABBREVIATIONS

- CONSTRUCT AC PAVEMENT
- CONSTRUCT CONCRETE PAVEMENT
- EXISTING AC PAVEMENT

## LEGEND/ABBREVIATIONS

- SEWER (EXISTING/PROPOSED)
- STORM DRAIN (EXISTING/PROPOSED)
- WATER (EXISTING/PROPOSED)
- GAS (EXISTING/PROPOSED)
- ELECTRICAL (EXISTING/PROPOSED)
- FIBER OPTIC (EXISTING/PROPOSED)
- RIGHT OF WAY LINE
- RETAINING WALL
- TIERBACK WALL
- MASONRY SLOUGH WALL
- CHAINLINK FENCE
- CABLE RAILING

## LEGEND/ABBREVIATIONS CONT'D

- PROPOSED STREET LIGHT
- SIGN
- POWER POLE
- BEG N CURVE
- BEG N
- BACK OF WALK
- C&G
- CURB AND GUTTER
- C&B
- CRUSHED AGGREGATE BASE
- CLINELINE
- CONC
- CONCRETE
- CSL
- CURB&SLOPE LINING
- CW&D
- CUCAMONGA VALLEY WATER DISTRICT
- DA
- DIAMETER
- EC
- END CURVE
- EG
- EXIST GROUND
- ELEV
- ELEVATION
- EXIST
- EXISTING
- FS
- FINISH SURFACE
- FW
- FACE OF WALK
- HDWL
- HEADWALL
- INV
- INVERT
- IFT
- INFT
- MH
- MANHOLE
- PC
- POINT OF CURVATURE
- P
- POINT OF INTERSECTION
- POB
- POINT OF BEGINNING
- POE
- POINT OF ENDING
- PRC
- POINT OF REVERSING CURVE
- PROP
- PROPOSED
- PT
- POINT OF TANGENCY
- PVC
- POINT OF VERTICAL CURVATURE
- PVT
- POINT OF VERTICAL TANGENCY
- R/W
- RIGHT-OF-WAY
- RCP
- REINFORCED CONCRETE PIPE
- RET
- RETAINING
- RT
- RIGHT
- SBC
- SAN BERNARDINO COUNTY
- SBCFCD
- SAN BERNARDINO CITY FLOOD CONTROL DISTRICT
- STA
- STATION
- STD
- STANDARD
- TC
- TOP OF CURB

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4141 E. THIRD STREET, SUITE 250  
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REV	REVISION DESCRIPTION	DATE	CHK	APP	DATE

SHOULD CONSTRUCTION OF THE REQUIRED IMPROVEMENTS NOT COMMENCE WITHIN TWO YEARS OF THE DATE OF APPROVAL SHOWN HEREON AND CARRIED FORTH IN A DIGNIFIED MANNER, THE CITY ENGINEER MAY REQUIRE REVISIONS TO THE PLANS TO BRING THEM INTO CONFORMANCE WITH STANDARDS IN EFFECT.

Prepared Under The Supervision Of:  
Date: 11/1/2020  
R.C.F. 47896

APPROVED BY: ASSISTANT CITY ENGINEER-CITY OF RANCHO CUCAMONGA DATE: 11/1/2020 R.C.F. 47974		CITY OF FONTANA, CALIFORNIA	
TRAIL IMPROVEMENT PLAN			
DESIGN BY: R. WELLS	GENERAL NOTES		SCALE: NO SCALE DATE: 05/01/2020
REVIEW BY: A. VERA	APPROVED BY: CITY ENGINEER-FONTANA		DATE: 11/1/2020 R.C.F. 47896
DATE: 11/1/2020		DRAWING NO: GN-01	

# GENERAL NOTES

## CITY OF FONTANA AND RANCHO CUCAMONGA

### REMOVAL NOTES

1. REMOVE AC PAVEMENT
2. REMOVE AC BERM
3. REMOVE EXISTING CONC. PAVEMENT
4. REMOVE EXISTING GATE
5. REMOVE EXISTING CURB
6. REMOVE EXISTING RETAIN WALL
7. REMOVE EXISTING CONC. SLOPE PAVEMENT
8. REMOVE EXISTING CONC. PAVEMENT
9. REMOVE EXISTING TREE
10. REMOVE EXISTING METAL GUARD RAIL
11. REMOVE EXISTING SIGN

### CONSTRUCTION NOTES

1. PROTECT IN PLACE
2. CONSTRUCT 3.5" AC OVER 3.5" CAB
3. CONSTRUCT TYPE C4 DRAINAGE INLET PER CALTRANS STD PLAN 073, H-3
4. CONSTRUCT 8" CURB AND GUTTER PER CITY OF FONTANA STD PLAN 1000
5. CONSTRUCT CONCRETE HEADER PER CITY OF RANCHO CUCAMONGA STD PLAN 554
6. ADJUST PULLBOX TO GRADE
7. CONSTRUCT CURB RAMP PER CITY OF FONTANA STD PLAN 1003
8. CONSTRUCT AC BERM PER CALTRANS STD PLAN A87B, TYPE A, MODIFIED TO 8" DICK-10011
9. CONSTRUCT 8" HIGH CHAIN LINK FENCE PER SBC ROAD DEPARTMENT STD PLAN 300
10. CONSTRUCT MASONRY RETAINING WALL PER CALTRANS STD PLAN B3-7A TYPE BA
11. CONSTRUCT CONCRETE GROUND ANCHOR RETAINING WALL PER STRUCTURAL PLAN 8 X
12. CONSTRUCT 4" METAL BOLLARD PER PLAN DETAIL XXX ON SHEET XXX
13. CONSTRUCT CONCRETE DRIVEWAY APPROACH PER CITY OF FONTANA STD PLAN 1002
14. CONSTRUCT 4" WIDE CHAIN LINK WALK GATE PER SSPWC STD PLAN 103
15. CONSTRUCT 16" WIDE DOUBLE DRIVE GATE PER SBC/CD SPECIAL DWG NO. 1
16. CONSTRUCT CONCRETE RETAINING WALL, TYPE S, PER CALTRANS STD PLAN XXXX
17. CONSTRUCT 8" CONCRETE PAVEMENT
18. CONSTRUCT TYPE 1 SLURRY SEAL
19. REMOVE EXISTING METAL DRAINAGE GRATE AND INSTALL BICYCLE PROOF TYPE 2A-13 DRAINAGE GRATE PER CALTRANS STD PLAN 0770
20. CONSTRUCT 4" CONCRETE SIDEWALK PER CITY OF FONTANA STD PLAN 1006
21. CONSTRUCT METAL HANDRAIL PER STD PLAN DETAIL XX ON SHEET XX
22. ADJUST SEWER MANHOLE TO GRADE PER COWD STD PLAN 204 A
23. CONSTRUCT 0L-21 DRAINAGE INLET PER CALTRANS STD PLAN 072
24. CONSTRUCT GRATE INLET PER PLAN DETAIL XX ON SHEET XX
25. ADJUST TO GRADE BY OTHERS
26. CONSTRUCT GUTTER DEPRESSION TYPE OL ON SAG CONDITION PER CALTRANS STD PLAN 078A
27. CONSTRUCT GUTTER DEPRESSION TYPE GO ON GRADE PER CALTRANS STD PLAN 078A
28. CONSTRUCT GUTTER DEPRESSION TYPE GO ON SAG PER CALTRANS STD PLAN 078A
29. CONSTRUCT CROSS GUTTER PER CITY OF FONTANA STD PLAN 403
30. CONSTRUCT CABLE RAIL FENCE PER CALTRANS STD PLAN B11 4/
31. CONSTRUCT 30" RCP 2000D, PER TRENCH BEDDING DETAIL XX ON SHEET XX
32. CONSTRUCT 24" RCP 2000D, PER TRENCH BEDDING DETAIL XX ON SHEET XX
33. CONSTRUCT CONCRETE PIPE HEADWALL PER PLAN DETAIL XX ON SHEET XX
34. CONSTRUCT ROCK RIP RAP SLOPE PROTECTION PER PLAN DETAIL XX ON SHEET XX
35. CONSTRUCT CONCRETE SLOPE PAVING PER PLAN DETAIL XX ON SHEET XX
36. CONSTRUCT DRAINAGE CULVERT PER PLAN DETAIL XX ON SHEET XX
37. CONSTRUCT CONCRETE U-CHANNEL DRAINAGE CULVERT PER PLAN DETAIL XX ON SHEET XX
38. CONSTRUCT METAL BEAM GUARD RAIL PER CALTRANS STD PLAN A7761
39. ADJUST MAN-HOLE FRAME AND COVER TO GRADE PER CITY OF FONTANA STD PLAN 2000
40. GOLF PLANE AC PAVEMENT 0.17"
41. CONSTRUCT 0.17" AC PAVEMENT OVERLAY
42. CONSTRUCT 0.50' AC OVER 0.55' CAB
43. CONSTRUCT CURB OPENING INLET WITH MANHOLE IN STREET PER SSPWC STD PLAN 307-3
44. ADJUST WATER VALVE
45. CONSTRUCT CONCRETE RETAINING CURB PER PLAN DETAIL XX ON SHEET XX
46. CONSTRUCT SD MANHOLE PER SSPWC STD PLAN 320-2

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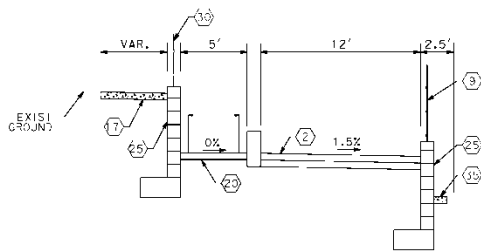
SHOULD CONSTRUCTION OF THE REQUIRED IMPROVEMENTS NOT COMMENCE WITHIN TWO YEARS OF THE DATE OF APPROVAL SHOWN HEREON AND CARRIED FORTH IN A DILIGENT MANNER, THE CITY ENGINEER MAY REQUIRE REVISIONS TO THE PLANS TO BRING THEM INTO CONFORMANCE WITH STANDARDS IN EFFECT.

Prepared Under The Supervision Of:  
DATE: 10/1/2020  
R.C.F. 47896

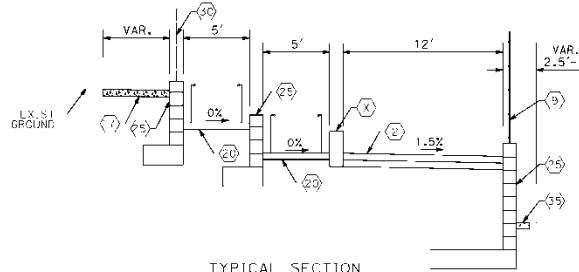
APPROVED BY: ASSISTANT CITY ENGINEER-CITY OF RANCHO CUCAMONGA CITY OF FONTANA, CALIFORNIA		DATE: 10/1/2020
TRAIL IMPROVEMENT PLAN		
DESIGNED BY: R. WELLS	GENERAL NOTES	SCALE: NO SCALE
CHECKED BY: A. VERA	APPROVED BY: D. STUTZEL	DATE: 10/1/2020
DATE: 10/1/2020	CITY ENGINEER-FONTANA	DRAWING NO: GN-02



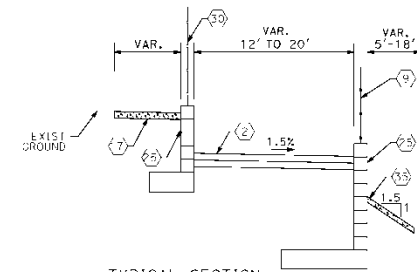




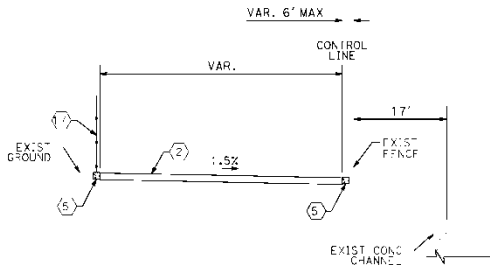
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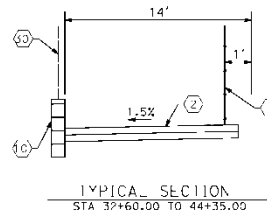
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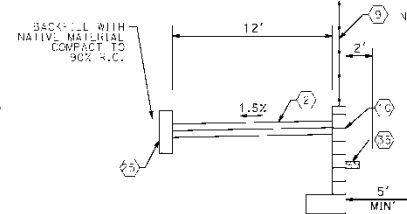
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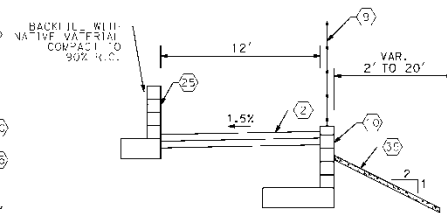
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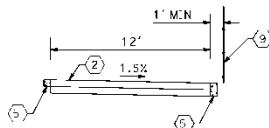
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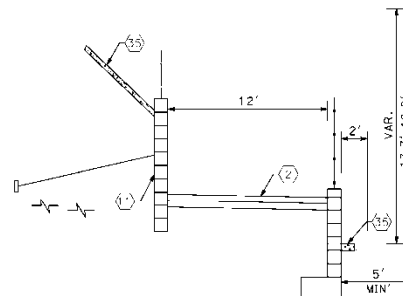
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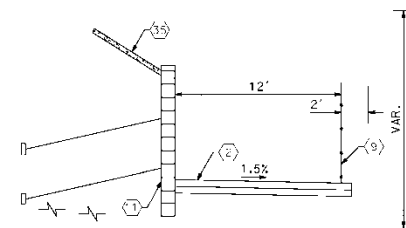
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TYPICAL SECTION  
STA 48+90.00 TO 50+00.00



TYPICAL SECTION  
STA 50+00.00 TO 52+00.00



TYPICAL SECTION  
STA 52+00.00 TO 54+50.00

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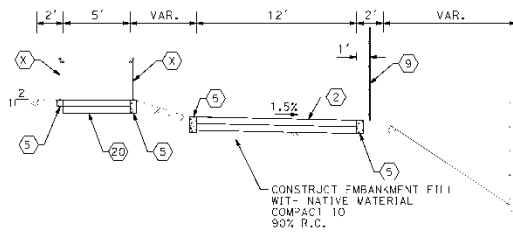
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DATE 05/01/2020  
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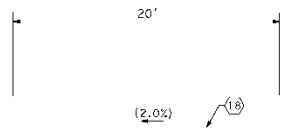
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Prepared Under The Supervision Of:  
DATE: 05/01/2020  
R.C.F. 47896

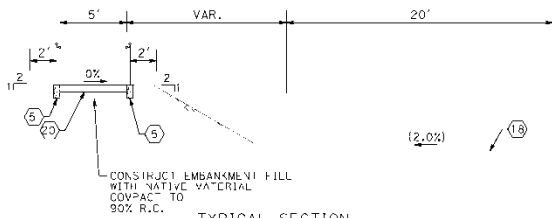
APPROVED BY:  
ASSISTANT CITY ENGINEER-CITY OF FONTANA, CALIFORNIA  
CITY OF FONTANA, CALIFORNIA  
TRAIL IMPROVEMENT PLAN  
TYPICAL SECTIONS  
DATE: 05/01/2020  
DRAWING NO: TS-02  
SCALE: NTS



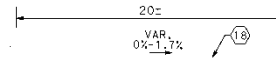
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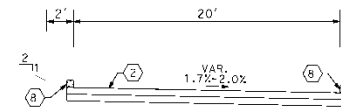
TYPICAL SECTION  
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STA 62+15.00 TO 66+80.00



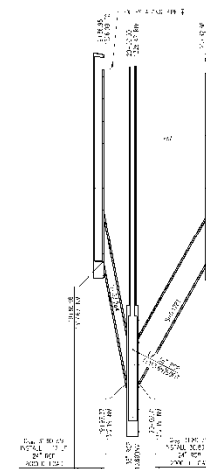
TYPICAL SECTION  
STA 59+15.00 TO 62+15.00  
STA 66+80.00 TO BANYAN ST



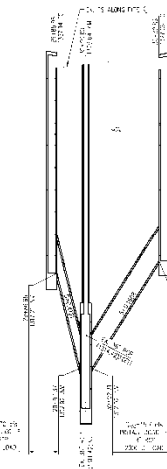
TYPICAL SECTION  
STA 56+40.00 TO 57+50.00



TYPICAL SECTION  
STA 57+50.00 TO 58+50.00



LATERAL 1 & 2



LATERAL 3 & 4

STORM DRAIN PROFILES - VICTORIA STREET

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Prepared Under The Supervision Of :

Date : R.C.E. 47686

APPROVED BY: ASSISTANT CITY ENGINEER-CITY OF BAKERSFIELD DATE: R.C.F. 71374

CITY OF BAKERSFIELD, CALIFORNIA

TRAIL IMPROVEMENT PLAN

DRAWN BY: H. WELLS  
CHECKED BY: A. VEBA  
DESIGNED BY: D. SUTELZEL

TYPICAL SECTIONS

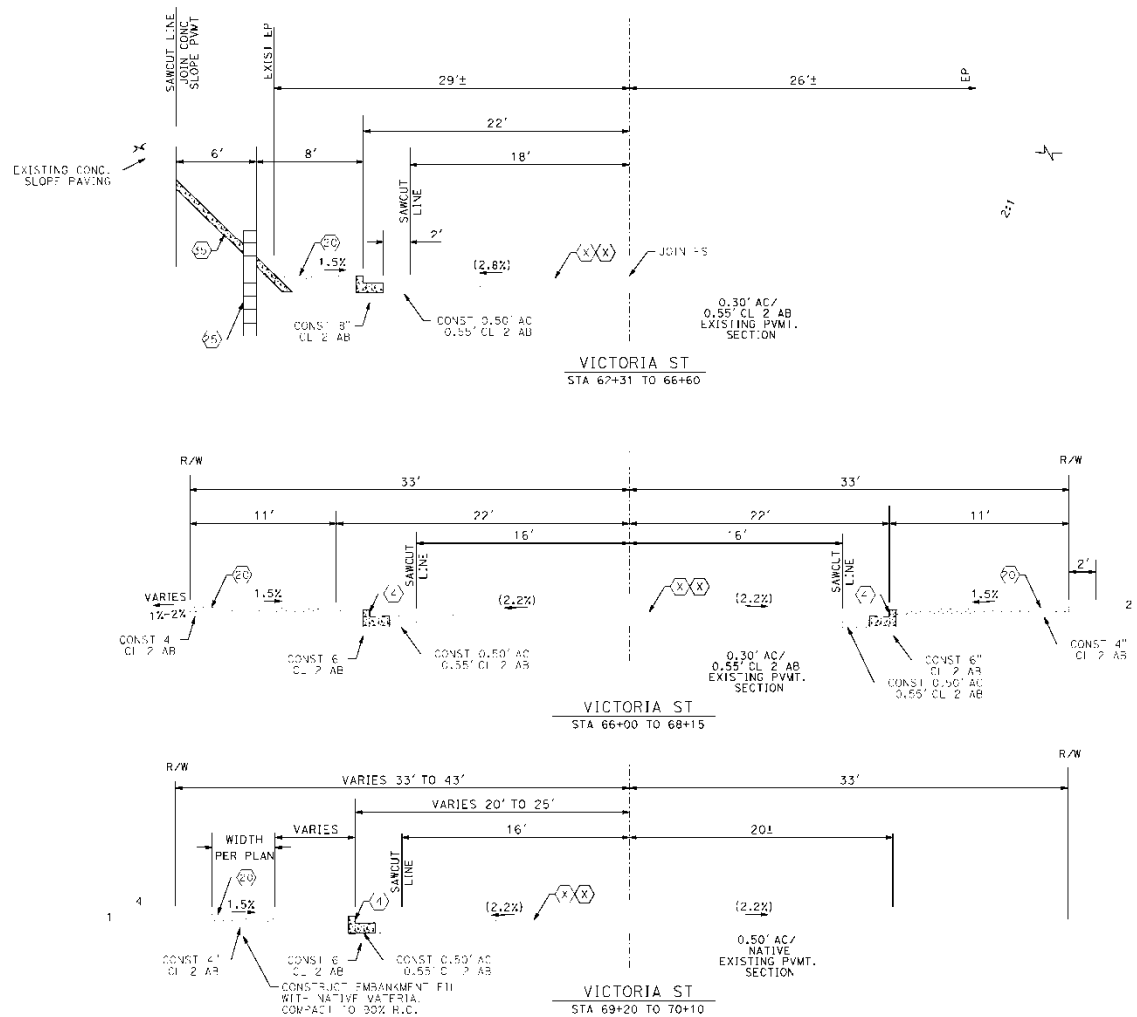
APPROVED BY: DATE: R.C.F. 71374

CITY ENGINEER-BAKERSFIELD

SCALE: NIS

DATE: 05/01/2020

REVISION NO: 15-03



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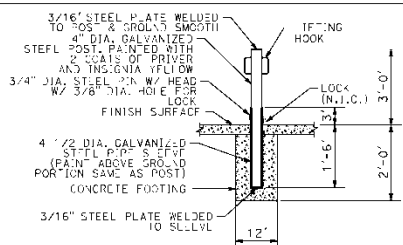
REV	REVISION DESCRIPTION	DATE	CHK	APP	DATE

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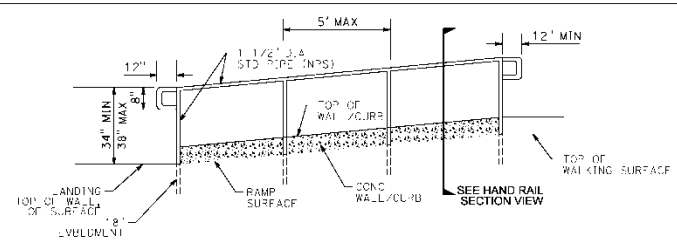
Prepared Under The Supervision Of:  
Date: 05/01/2020  
R.C.F. 47896

APPROVED BY: ASSISTANT CITY ENGINEER-CITY OF FONTANA, CALIFORNIA		DATE: 05/01/2020
CITY OF FONTANA, CALIFORNIA		
TRAIL IMPROVEMENT PLAN		
DESIGN BY: R. WELLS	SCALE: NTS	
DESIGNED BY: A. VERA	DATE: 05/01/2020	
APPROVED BY: D. STUTZEL	DATE: 05/01/2020	DRAWING NO: TS-04
CITY ENGINEER-FONTANA	DATE: 05/01/2020	SCALE: 1"=40'

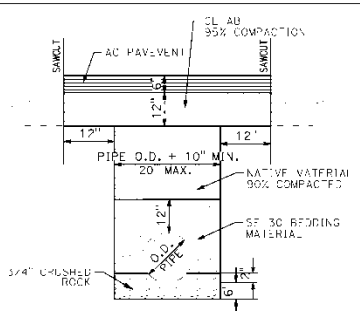




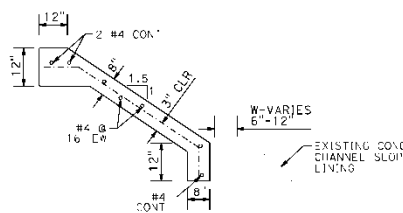
REMOVABLE BOLLARD  
NTS



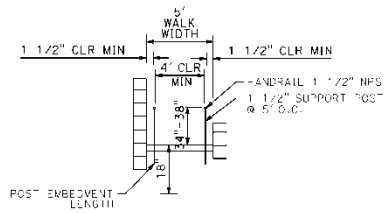
HAND RAIL PROFILE DETAIL  
NTS



TRENCH BEDDING  
NTS



CONCRETE SLOPE PAVING  
NTS

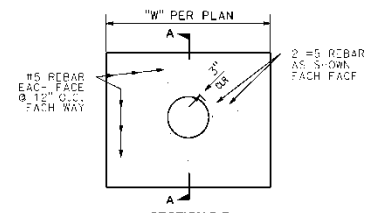


HAND RAIL SECTION VIEW  
NTS

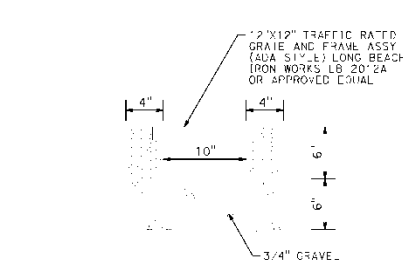
ROCK R/P RAP GRADATION

STONE WEIGHT:	PERCENTAGE LIGHTER BY WEIGHT (USD)	NOMINAL DIAMETER
250 - 400 lbs	100	18"
40 - 100 lbs	40	12"
10 - 25 lbs	15	6"

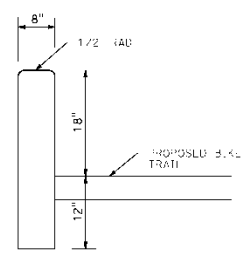
ROCK R/P RAP  
NTS



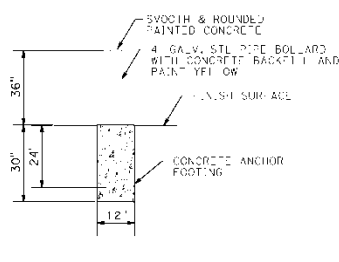
SECTION B-B



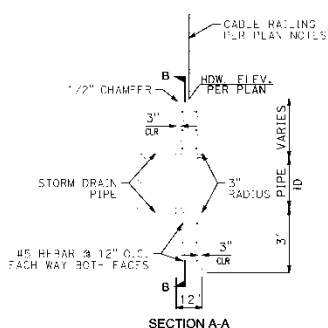
12"X12" DRAINAGE GRATE DETAIL  
NTS



RETAINING CURB  
NTS



GUARD POST DETAIL  
NTS



SECTION A-A  
CONCRETE HEADWALL  
NTS

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SHOULD CONSTRUCTION OF THE REQUIRED IMPROVEMENTS NOT COMMENCE WITHIN TWO YEARS OF THE DATE OF APPROVAL SHOWN HEREON AND CARRIED FORTH IN A DILIGENT MANNER, THE CITY ENGINEER MAY REQUIRE REVISIONS TO THE PLANS TO BRING THEM INTO CONFORMANCE WITH STANDARDS IN EFFECT.

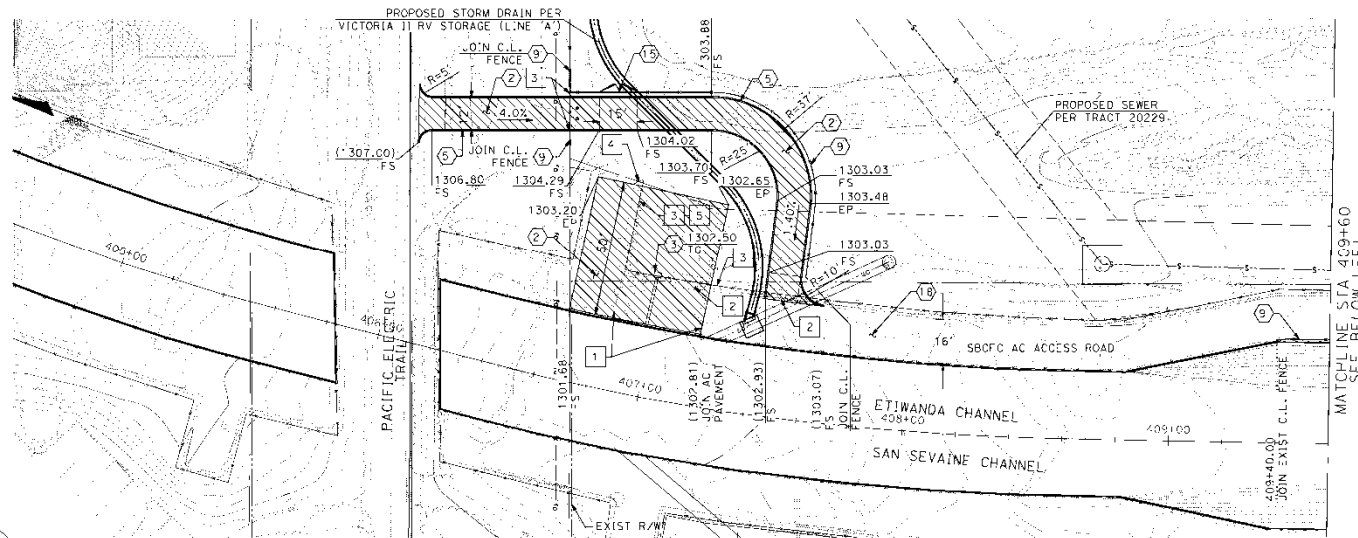
APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
ASSISTANT CITY ENGINEER-CITY OF FONTANA, CALIFORNIA

Prepared Under The Supervision Of: \_\_\_\_\_  
CITY OF FONTANA, CALIFORNIA

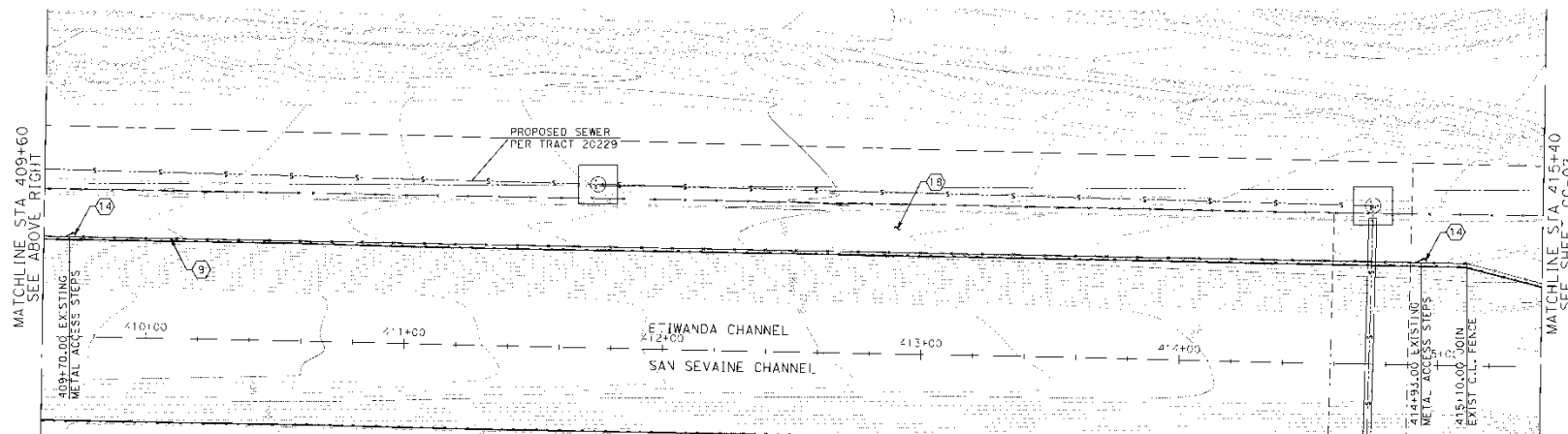
TRAIL IMPROVEMENT PLAN

DESIGNER	DATE	SCALE
AL WELLS	05/01/2020	NTS

DATE: 05/01/2020  
DRAWING NO: TS-05



- CONSTRUCTION NOTES**
2. CONSTRUCT 3.5" AC OVER 3.5" CAB
  3. CONSTRUCT TYPE G4 DRAINAGE INLET PER CALTRANS STD PLAN 3/3, 4+3
  5. CONSTRUCT CONCRETE HEADER PER CITY OF RANCHO CUCAMONGA STD PLN 534
  9. CONSTRUCT 6" HIGH CHAIN LINK FENCE PER SBC ROAD DEPARTMENT STD PLAN 300
  14. CONSTRUCT 4' WIDE CHAIN LINK WALK GATE PER SPPWC STD PLAN 600-3
  16. CONSTRUCT TYPE 1 SLURRY SEAL
- REMOVAL NOTES**
1. REMOVE AC PAVEMENT
  2. REMOVE AC BEHM
  3. REMOVE EXIST FENCE
  4. REMOVE EXIST GATE
  5. REMOVE EXIST CURB



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4141 E. Grand Avenue, Suite 250  
Ontario, California 91764  
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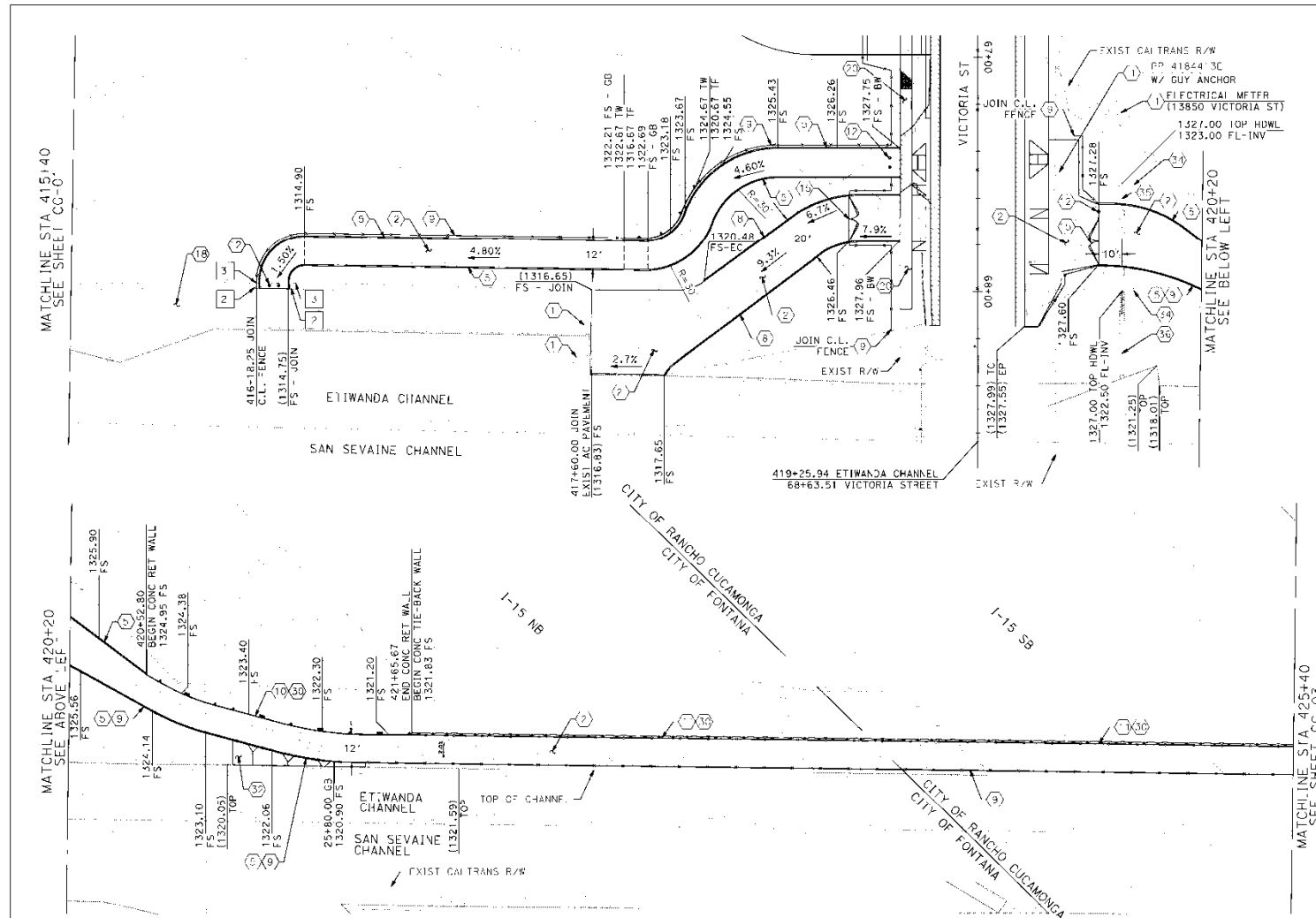
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REV	REVISION DESCRIPTION	DATE	CHK	APP	DATE

SHOULD CONSTRUCTION OF THE REQUIRED IMPROVEMENTS NOT COMMENCE WITHIN TWO YEARS OF THE DATE OF APPROVAL SHOWN HEREON AND CARRIED FORTH IN A DILIGENT MANNER, THE CITY ENGINEER MAY REQUIRE REVISIONS TO THE PLANS TO BRING THEM INTO CONFORMANCE WITH STANDARDS IN EFFECT.

Prepared Under The Supervision Of:  
Date: 05/01/2020  
R.G.T. 47896

APPROVED BY: ASSISTANT CITY ENGINEER-CITY OF RANCHO CUCAMONGA CITY OF FONTANA, CALIFORNIA		DATE: R.G.T. 11374
TRAIL IMPROVEMENT PLAN		
DESIGN BY: R. WELLS	REVIEW BY: A. VERA	DATE: 05/01/2020
APPROVED BY: CITY ENGINEER-FONTANA		DATE: R.G.T. 51152
DRAWING NO: CO-01		SCALE: 1"=20'

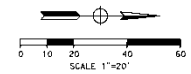


# CONSTRUCTION NOTES

1. PROJECT IN PLACE
2. CONSTRUCT 3.5" AC OVER 3.5" C&G
3. CONSTRUCT CONCRETE HEADER PER CITY OF RANCHO CUCAMONGA STD PLAN 534
4. CONSTRUCT AC BERM PER CALTRANS STD PLAN AB7B, TYPE A, MODIFIED TO 8" DIKE HEIGHT
5. CONSTRUCT 6" HIGH CHAIN LINK FENCE PFR SRC ROAD DEPARTMENT STD PLAN 300
6. CONSTRUCT MASONRY RETAINING WALL PER CALTRANS STD PLAN B3-7A TYPE 6A
7. CONSTRUCT CONCRETE GROUND ANCHOR RETAINING WALL PER STRUCTURAL PLAN R-X
8. CONSTRUCT 4" METAL BOLLARD PER PLAN DETAIL XXX ON SHEET XXX
9. CONSTRUCT 6" WIDE DOUBLE DRIVE FATE PER SBFCO SPECIAL DWG NO. 1
10. CONSTRUCT TYPE 1 SLURRY SEAL
11. CONSTRUCT 4" CONCRETE SIDEWALK PFR CITY OF FONTANA STD PLAN 1006
12. CONSTRUCT CABLE RAIL FENCE PER CALTRANS STD PLAN R11-47
13. CONSTRUCT 24" RCP 20000, PER TRENCH BEDDING DETAIL XX ON SHEET XX
14. CONSTRUCT ROCK R/P RAP SLOPE PROTECTION PER DETAIL XX ON SHEET XX
15. CONSTRUCT CONCRETE SLOPE PAVING PER PLAN DETAIL XX ON SHEET XX
16. CONSTRUCT DRAINAGE CULVERT PER PLAN DETAIL XX ON SHEET XX

# REMOVAL NOTES

1. REMOVE AC BERM
2. REMOVE EXISTING FENCE



**DAVID EVANS AND ASSOCIATES INC.**  
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Orange, California 92668  
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REV	REVISION DESCRIPTION	DATE	CHK	APP	DATE

SHOULD CONSTRUCTION OF THE REQUIRED IMPROVEMENTS NOT COMMENCE WITHIN TWO YEARS OF THE DATE OF APPROVAL SHOWN HEREON AND CARRIED FORTH IN A DILIGENT MANNER, THE CITY ENGINEER MAY REQUIRE REVISIONS TO THE PLANS TO BRING THEM INTO CONFORMANCE WITH STANDARDS IN EFFECT.

Prepared Under The Supervision Of:  
DSTU R.C.F. 47896

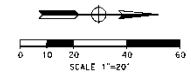
APPROVED BY: CITY ENGINEER - CITY OF RANCHO CUCAMONGA CITY OF FONTANA, CALIFORNIA		DATE: 05/01/2020
PROJECT TITLE: TRAIL IMPROVEMENT PLAN		SCALE: 1"=20'
DESIGNED BY: A. VERA	CHECKED BY: D. STUTZEL	DATE: 05-02-20
CITY ENGINEER - FONTANA		DATE: 05-02-20

# CONSTRUCTION NOTES

- 2) CONSTRUCT 3.5" AC OVER 3.5" CAB
- 5) CONSTRUCT CONCRETE HEADER PER CITY OF RANCHO CUCAMONCA STD PLAN 534
- 6) CONSTRUCT 6" HIGH CHAIN LINK FENCE PER SBC ROAD DEPARTMENT STD PLAN 300
- 10) CONSTRUCT MASONRY RETAINING WALL PER CALTRANS STD PLAN B3-7A TYPE 6A
- 12) CONSTRUCT 4" METAL BOLLARD PER PLAN DETAIL XXX ON SHEET XXX
- 15) CONSTRUCT 16" WIDE DOUBLE DRIVE GATE PER SBC/CD SPECIAL DWG NO.
- 16) CONSTRUCT CONCRETE RETAINING WALL TYPE 5, PER CA-TRANS STD PLAN XXX
- 17) CONSTRUCT 8" CONCRETE PAVEMENT
- 20) CONSTRUCT 4" CONCRETE SIDEWALK PER CITY OF FONTANA STD PLAN 1006
- 22) ADJUST SEWER MANHOLE TO GRADE PER CVWD STD PLAN 204-A
- 24) CONSTRUCT GRATE INLET PER PLAN DETAIL XX ON SHEET XX
- 25) ADJUST TO GRADE BY OTHERS
- 30) CONSTRUCT CABLE RAIL FENCE PER CALTRANS STD PLAN B11-47
- 35) CONSTRUCT CONCRETE SLOPE PAVING PER PLAN DETAIL XX ON SHEET XX

# REMOVAL NOTES

- 3) REMOVE EXIST FENCE
- 5) REMOVE EXIST CURB
- 12) REMOVE CONCRETE PAD



APPROVED BY: _____ DATE: _____	
ASSISTANT CITY ENGINEER-CITY OF RANCHO CUCAMONCA	
CITY OF FONTANA, CALIFORNIA	
TRAIL IMPROVEMENT PLAN	
DESIGN BY: _____	SCALE: 1"=20'
REVIEW BY: _____	DATE: 05/01/2020
APPROVED BY: _____	DRAWING NO: CC-03
CITY ENGINEER-FONTANA	DATE: 05/01/2020

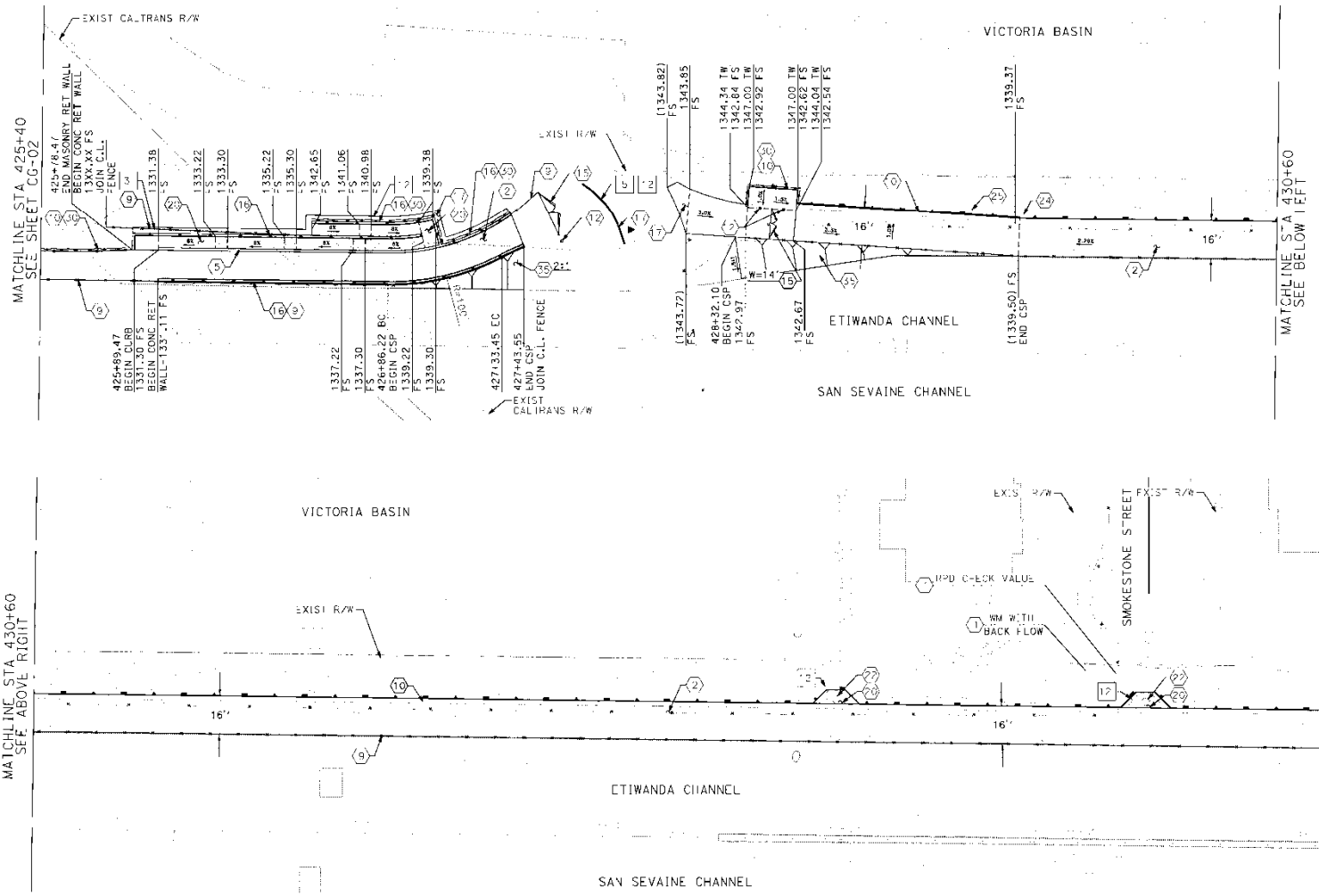
Prepared Under The Supervision Of:  
 Date: \_\_\_\_\_  
 R.C.F. 47896

SHOULD CONSTRUCTION OF THE REQUIRED IMPROVEMENTS NOT COMMENCE WITHIN TWO YEARS OF THE DATE OF APPROVAL SHOWN HEREON AND CARRIED FORTH IN A DILIGENT MANNER, THE CITY ENGINEER MAY REQUIRE REVISIONS TO THE PLANS TO BRING THEM INTO CONFORMANCE WITH STANDARDS IN EFFECT.

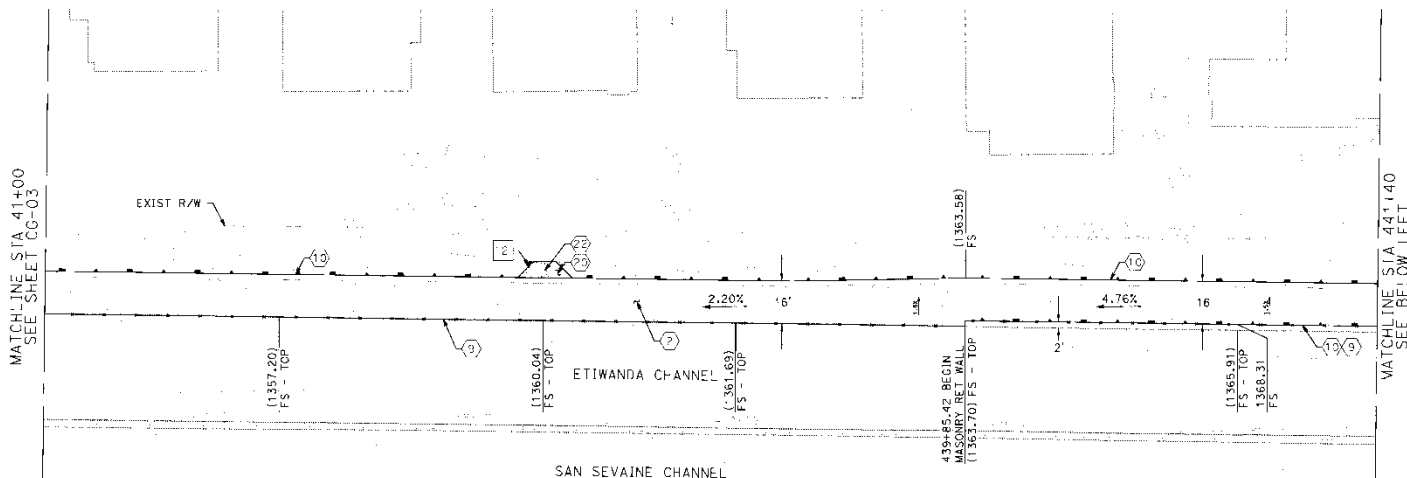
REV	REVISION DESCRIPTION	DATE	CHK	APP



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 4141 E. IRVINE AVENUE, Suite 250  
 Orange, California 92668  
 Phone: 909.481.5750 Fax: 909.481.5757





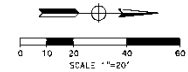
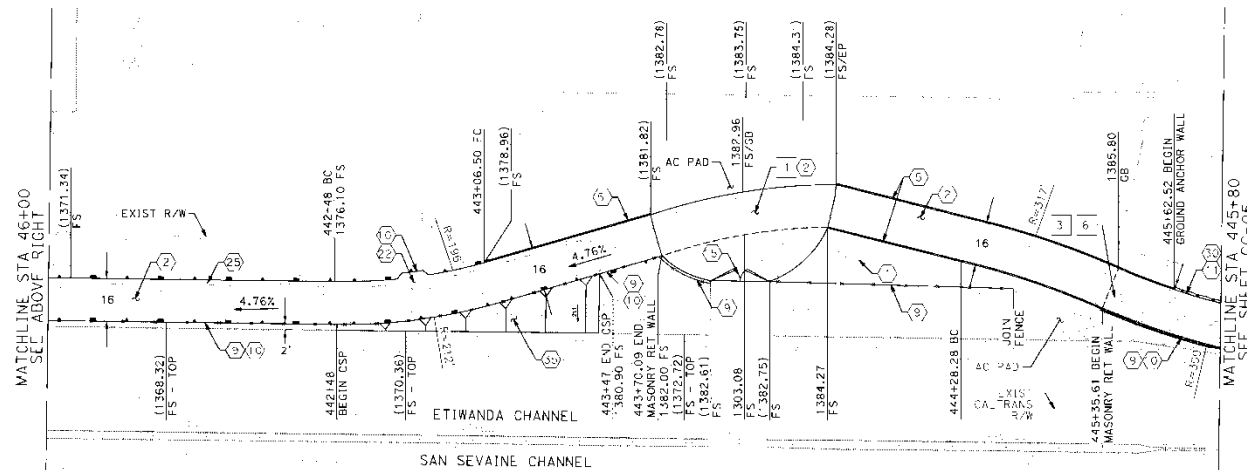


### CONSTRUCTION NOTES

1. CONSTRUCT 3.5' AC OVER 3.5" GAB
2. CONSTRUCT CONCRETE HEADER PER CITY OF RANCHO CUCAMONGA STD PLN 534
3. CONSTRUCT 6' HIGH CHAIN LINK FENCE PER SBC ROAD DEPARTMENT STD PLAN 300
4. CONSTRUCT MASONRY RETAINING WALL PER CALTRANS STD PLAN B3-7A TYPE 6A
5. CONSTRUCT CONCRETE GROUND ANCHOR RETAINING WALL PER STRUCTURAL PLAN R X
6. CONSTRUCT 16" WIDE DOUBLE DRIVE GATE PER SBC CD SPECIAL DWG NO. 1
7. CONSTRUCT 4" CONCRETE SIDEWALK PER CITY OF FONTANA STD PLAN '006
8. ADJUST SEWER MANHOLE TO GRADE PER CWD STD PLAN 204-A
9. ADJUST TO GRADE BY OTHERS
10. CONSTRUCT CABLE RAIL FENCE PER CALTRANS STD PLAN B11-47
11. CONSTRUCT CONCRETE SLOPE PAVING PER PLAN DETAIL XX ON SHEET XX

### REMOVAL NOTES

1. REMOVE AC PAVEMENT
2. REMOVE EXIST' FENCE
3. REMOVE EXIST' RETAINING WALL
4. REMOVE CONCRETE PAD



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Orange, California 92668  
Phone: 909.481.5750 Fax: 909.481.5757



REV	REVISION DESCRIPTION	DATE	CHK	APP	DATE

SHOULD CONSTRUCTION OF THE REQUIRED IMPROVEMENTS NOT COMMENCE WITHIN TWO YEARS OF THE DATE OF APPROVAL SHOWN HEREON AND CARRIED FORTH IN A DILIGENT MANNER, THE CITY ENGINEER MAY REQUIRE REVISIONS TO THE PLANS TO BRING THEM INTO CONFORMANCE WITH STANDARDS IN EFFECT.

Prepared Under The Supervision Of :

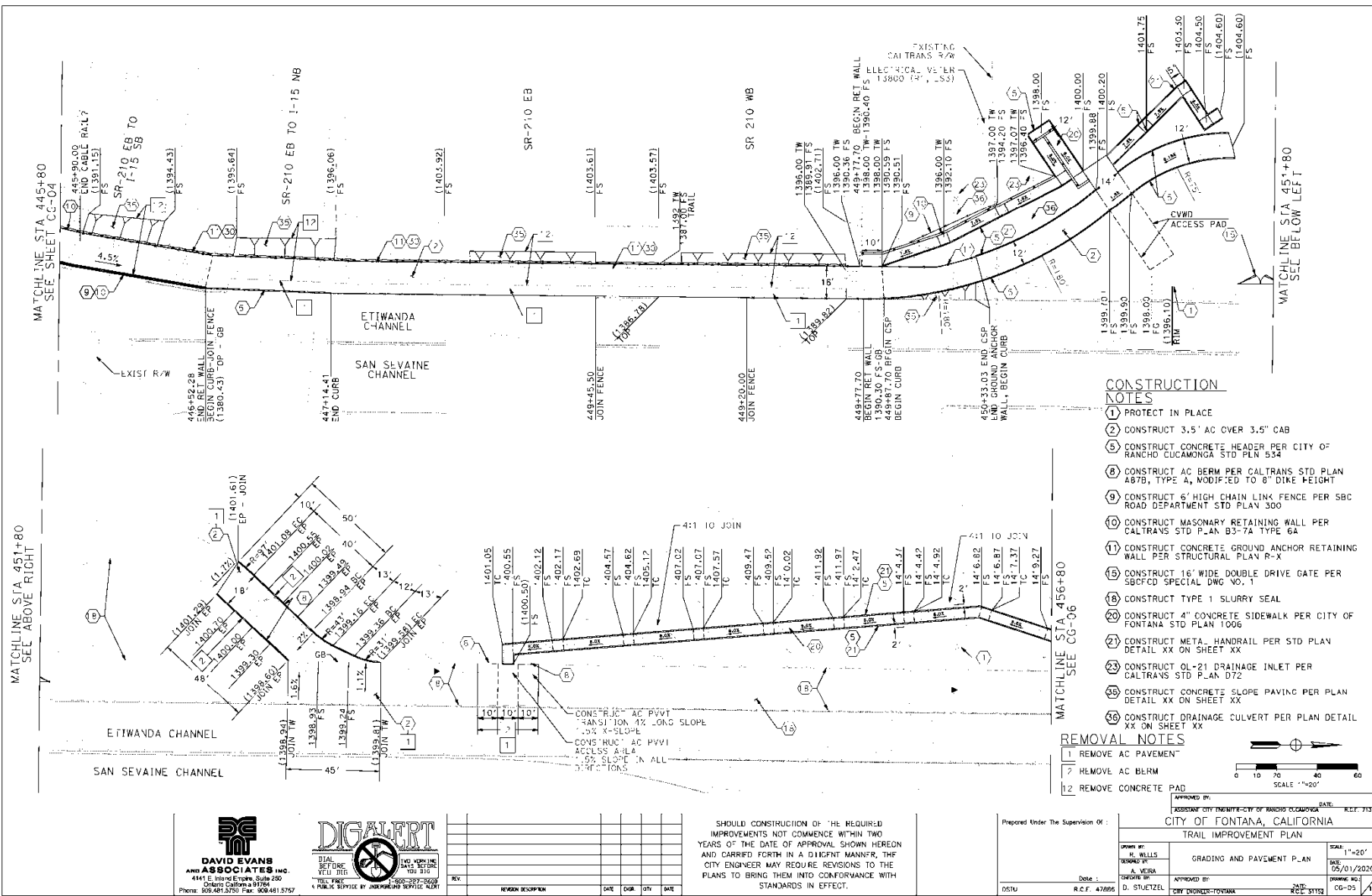
Date :  
R.C.F. 47896

APPROVED BY: ASSISTANT CITY ENGINEER-CITY OF RANCHO CUCAMONGA DATE: R.C.F. 71374

CITY OF FONTANA, CALIFORNIA

TRAIL IMPROVEMENT PLAN

Drawn by: R. WELLS  
Reviewed by: A. VERA  
Date: 05/01/2020  
Drawing No: CG-04  
City Engineer: FONTANA  
Date: R.C.F. 51152

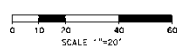


**CONSTRUCTION NOTES**

- 1 PROTECT IN PLACE
- 2 CONSTRUCT 3.5' AC OVER 3.5" CAB
- 5 CONSTRUCT CONCRETE HEADER PER CITY OF RANCHO CUCAMONGA STD PLN 534
- 8 CONSTRUCT AC BERM PER CALTRANS STD PLAN A87B, TYPE A, MODIFIED TO 8' DIKE HEIGHT
- 9 CONSTRUCT 6' HIGH CHAIN LINK FENCE PER SBC ROAD DEPARTMENT STD PLAN 300
- 10 CONSTRUCT MASONRY RETAINING WALL PER CALTRANS STD PLAN B3-7A TYPE 6A
- 11 CONSTRUCT CONCRETE GROUND ANCHOR RETAINING WALL PER STRUCTURAL PLAN R-X
- 15 CONSTRUCT 16' WIDE DOUBLE DRIVE GATE PER SBCFD SPECIAL DWG NO. 1
- 18 CONSTRUCT TYPE 1 SLURRY SEAL
- 20 CONSTRUCT 4" CONCRETE SIDEWALK PER CITY OF FONTANA STD PLAN 1006
- 21 CONSTRUCT METAL HANDRAIL PER STD PLAN DETAIL XX ON SHEET XX
- 23 CONSTRUCT OL-21 DRAINAGE INLET PER CALTRANS STD PLAN D72
- 25 CONSTRUCT CONCRETE SLOPE PAVING PER PLAN DETAIL XX ON SHEET XX
- 30 CONSTRUCT DRAINAGE CULVERT PER PLAN DETAIL XX ON SHEET XX

**REMOVAL NOTES**

- 1 REMOVE AC PAVEMENT
- 2 REMOVE AC BERM
- 12 REMOVE CONCRETE PAD



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REV	REVISION DESCRIPTION	DATE	CHK	APP	DATE

SHOULD CONSTRUCTION OF THE REQUIRED IMPROVEMENTS NOT COMMENCE WITHIN TWO YEARS OF THE DATE OF APPROVAL SHOWN HEREON AND CARRIED FORTH IN A DILIGENT MANNER, THE CITY ENGINEER MAY REQUIRE REVISIONS TO THE PLANS TO BRING THEM INTO CONFORMANCE WITH STANDARDS IN EFFECT.

Prepared Under The Supervision Of: **R.C.F. 47896**

APPROVED BY: **D. STUEZEL** DATE: **05/01/2020**

**CITY OF FONTANA, CALIFORNIA**  
 TRAIL IMPROVEMENT PLAN

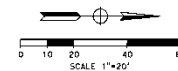
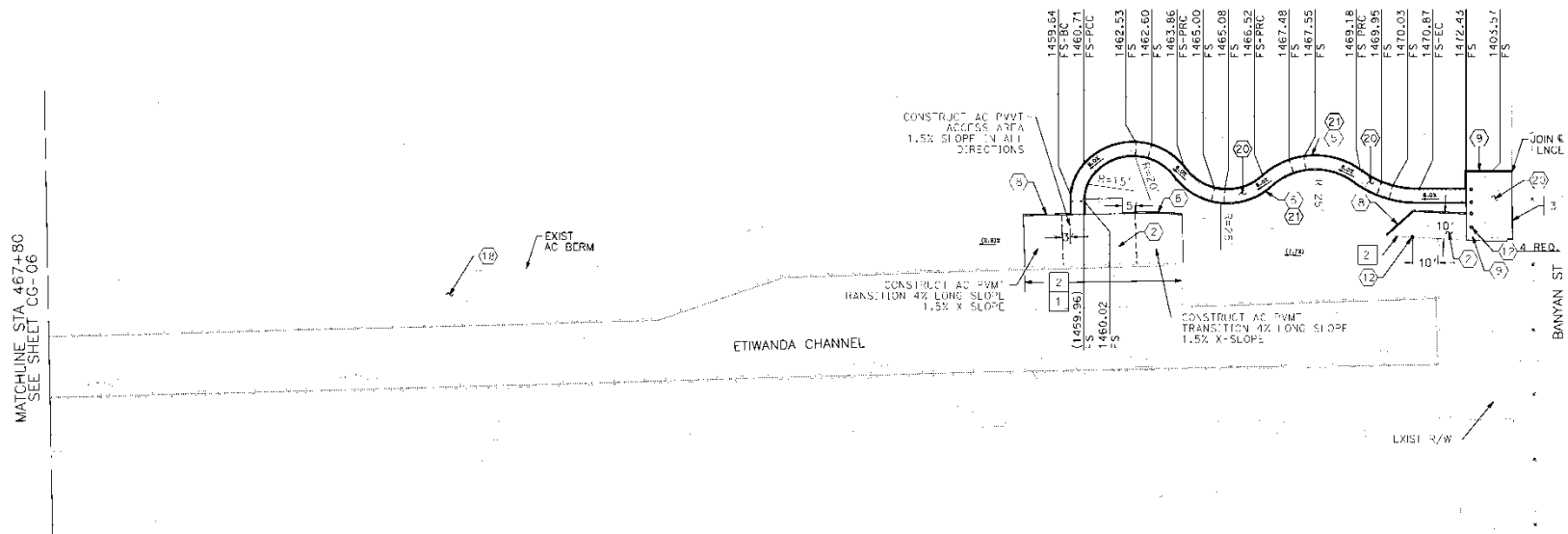
PROJECT NO: **05/01/2020**  
 SHEET NO: **CG-03**



- (2) CONSTRUCT 3.5" AC OVER 3.5" CAB
- (5) CONSTRUCT CONCRETE HEADER PER CITY OF RANCHO CUCAMONGA STD PLAN 534
- (8) CONSTRUCT AC BERM PER CALTRANS STD PLAN AS78, TYPE A, MODIFIED TO 8' DIKE HEIGHT
- (9) CONSTRUCT 6' HIGH CHAIN LINK FENCE PER SBC ROAD DEPARTMENT STD PLAN 300

- 12) CONSTRUCT 4" METAL BOLLARD PER PLAN DETAIL XXX ON SHEET XXX
- 18) CONSTRUCT TYPE 1 SLURRY SEAL
- 20) CONSTRUCT 4" CONCRETE SIDEWALK PER CITY OF FONTANA STD PLAN 100B
- 21) CONSTRUCT METAL HANDRAIL PER STD PLAN DETAIL XX ON SHEET XX

1	REMOVE EXISTING GATE
2	REMOVE AC BERM
3	REMOVE EXIST FENCE



REV.					
	REGION DESCRIPTION	DATE	EVAL.	QTY	RATE

SHOULD CONSTRUCTION OF THE REQUIRED IMPROVEMENTS NOT COMMENCE WITHIN TWO YEARS OF THE DATE OF APPROVAL SHOWN HEREON AND CARRIED FORTH IN A DILIGENT MANNER, THE CITY ENGINEER MAY REQUIRE REVISIONS TO THE PLANS TO BRING THEM INTO CONFORMANCE WITH STANDARDS IN EFFECT,

Prepared Under The Supervision Of :

OSTU	R.C.F. 478
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APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
ASSISTANT CITY ENGINEER-CITY OF RANCHO CUCAMONGA R.C.E. 7137  
CITY OF FONTANA, CALIFORNIA

TRAIL IMPROVEMENT PLAN

[illegible]

5	GRADING AND PAVEMENT PLAN
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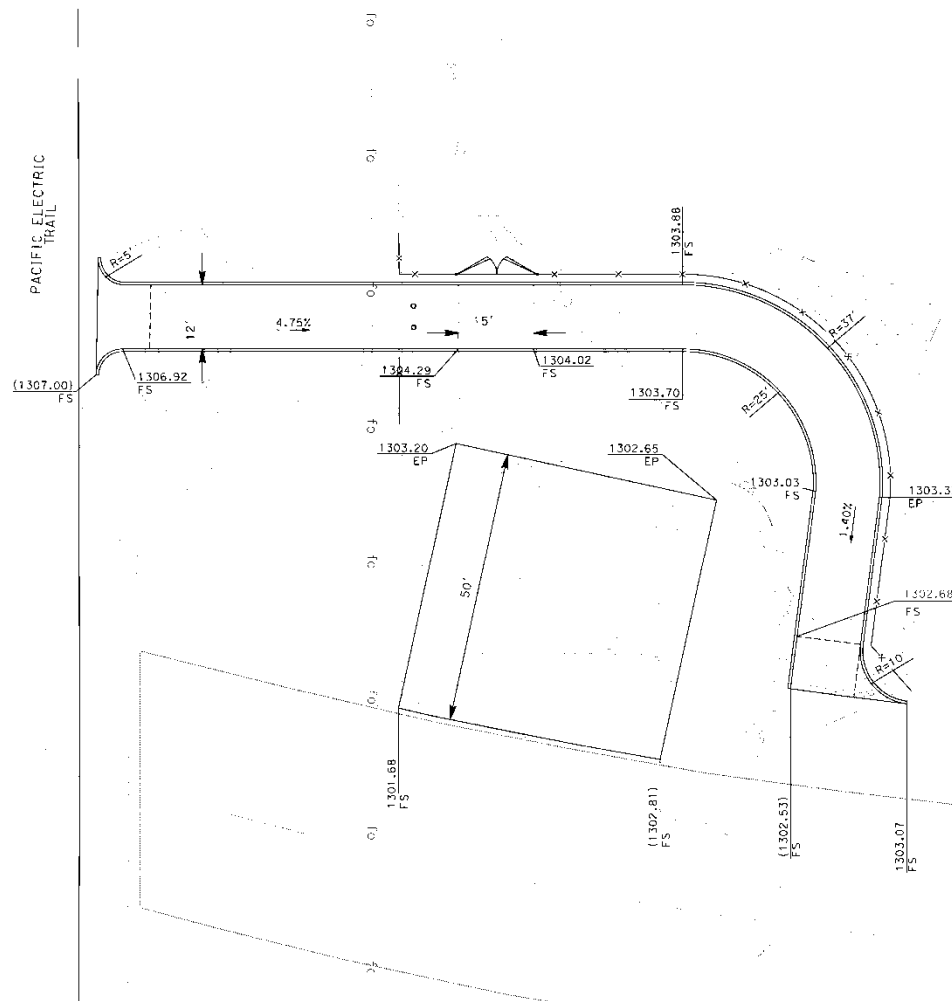
APPROVED BY:	DATE:
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REC	CITY ENGINEER-FOYANA	REC 5115
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SCALE:	1"=20'
DATE:	05/01/2020
DRAWING NO.:	CG-07

2	CG=07	✓
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 4141 E. Ironwood Avenue, Suite 250  
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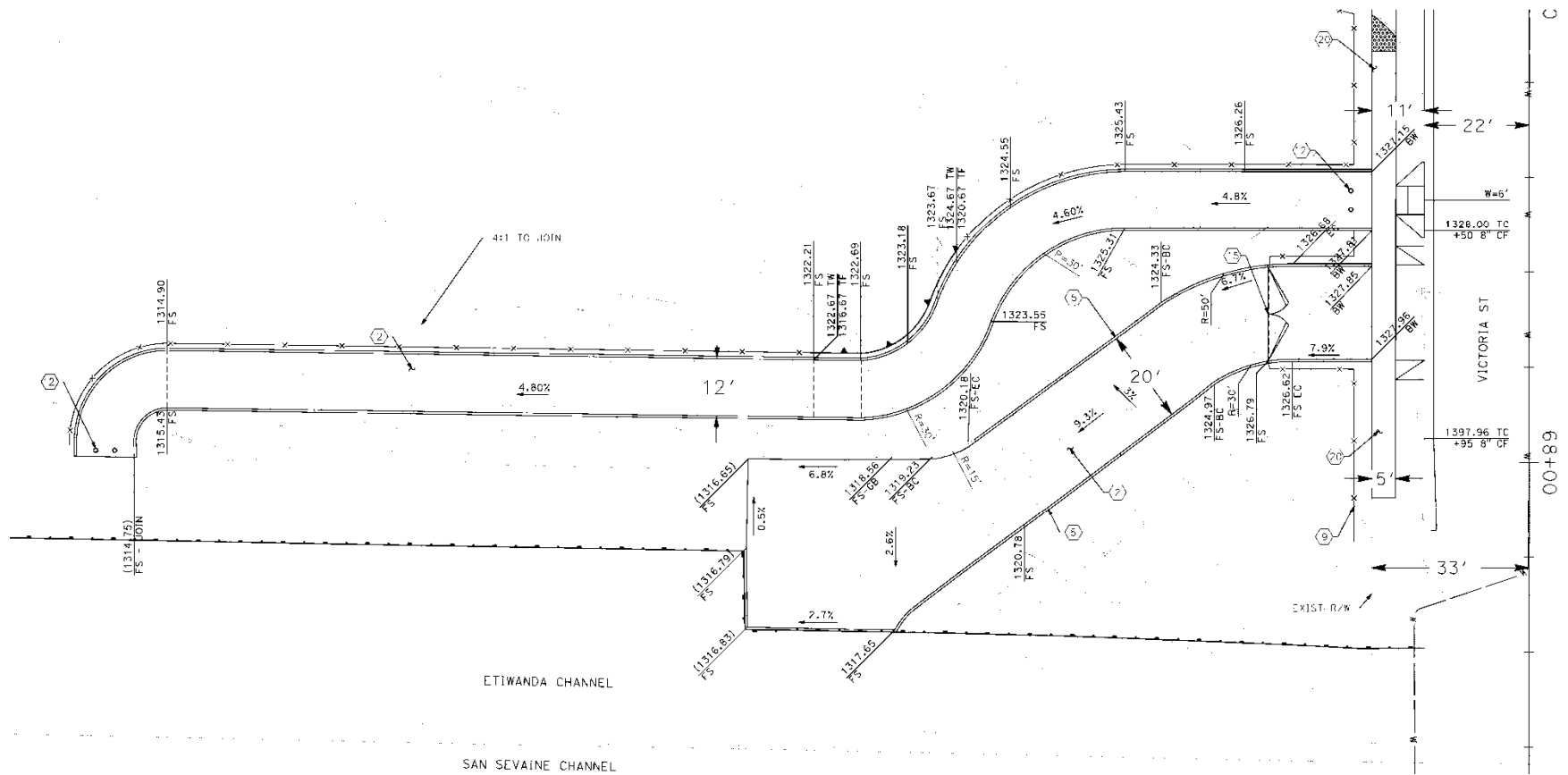
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REV.	REVISION DESCRIPTION	DATE	CHK.	APP.	DATE

SHOULD CONSTRUCTION OF THE REQUIRED IMPROVEMENTS NOT COMMENCE WITHIN TWO YEARS OF THE DATE OF APPROVAL SHOWN HEREON AND CARRIED FORTH IN A DILIGENT MANNER, THE CITY ENGINEER MAY REQUIRE REVISIONS TO THE PLANS TO BRING THEM INTO CONFORMANCE WITH STANDARDS IN EFFECT.

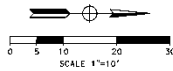
Prepared Under The Supervision Of:  
 Date: 05/01/2020  
 R.C.F. 47896

APPROVED BY: ASSISTANT CITY ENGINEER-CITY OF FONTANA, CALIFORNIA DATE: 05/01/2020 R.C.F. 21374	
CITY OF FONTANA, CALIFORNIA TRAIL IMPROVEMENT PLAN	
DESIGN BY: R. WELLS CHECKED BY: A. VERA DATE: 05/01/2020	SCALE: 1"=10' DATE: 05/01/2020 DRAWING NO: DG-01
APPROVED BY: D. STUTZEL DATE: 05/01/2020	CITY ENGINEER-FONTANA



# CONSTRUCTION NOTES

- 2) CONSTRUCT 3.5" AC OVER 3.5" CAD
- 5) CONSTRUCT CONCRETE HEADER PER CITY OF RANCHO CUCAMONGA STD PLN 534
- 9) CONSTRUCT 6' HIGH LINK FENCE PER SBC ROAD DEPARTMENT STD PLAN 300
- 12) CONSTRUCT 4" METAL BOLLARD PER PLAN DETAIL XXX ON SHEET XXX
- 15) CONSTRUCT 16' WIDE DOUBLE DRIVE CATF PER SBCFC SPFCIAL DWG NO. 1
- 20) CONSTRUCT 4" CONCRETE SIDEWALK PER CITY OF FONTANA STD PLAN 1006



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 4141 E. IRVING STREET, Suite 250  
 CHAGRE, CALIFORNIA 91756  
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REV	REVISION DESCRIPTION	DATE	CHK	APP	DATE

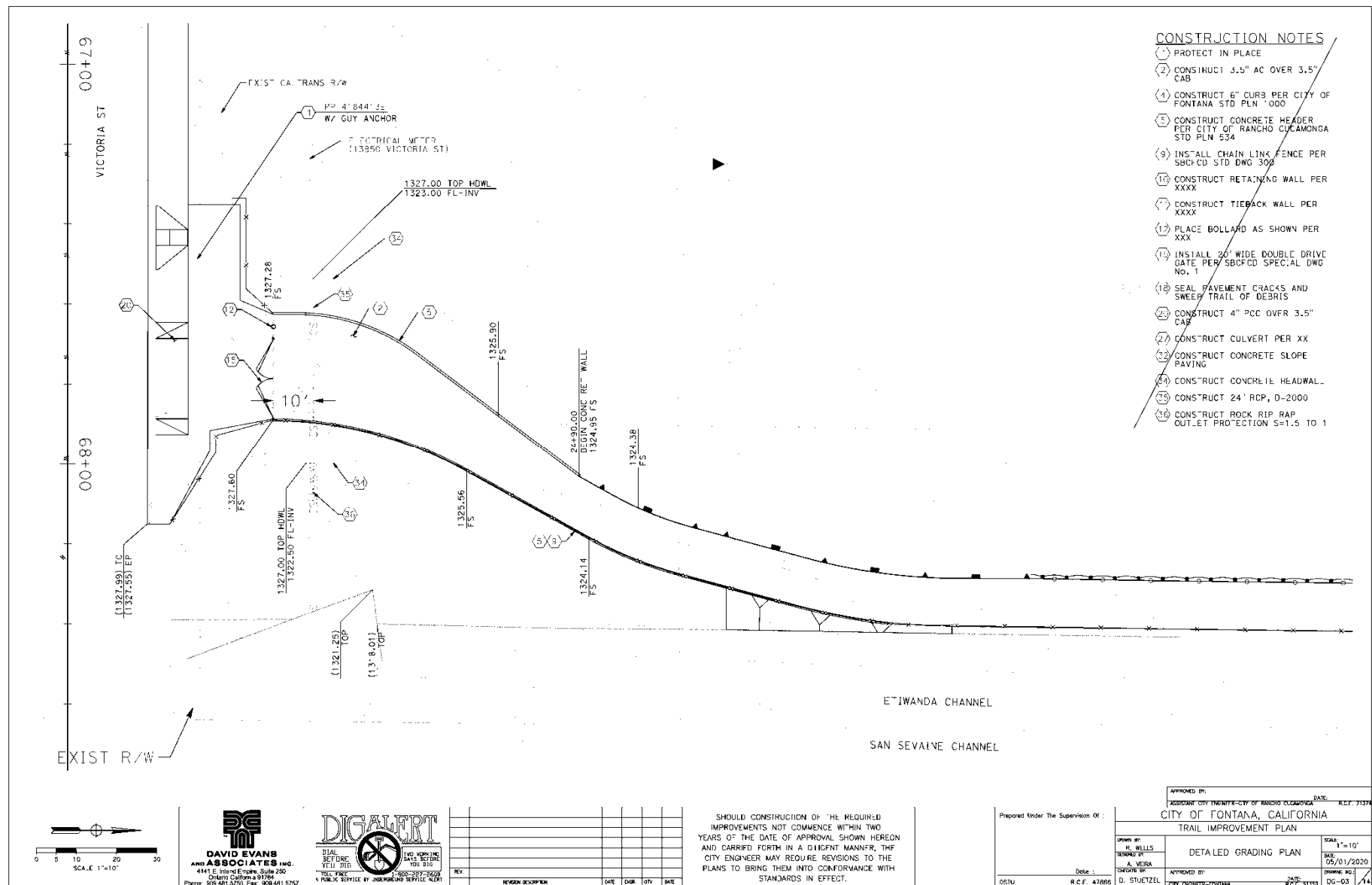
SHOULD CONSTRUCTION OF THE REQUIRED IMPROVEMENTS NOT COMMENCE WITHIN TWO YEARS OF THE DATE OF APPROVAL SHOWN HEREON AND CARRIED FORTH IN A DILIGENT MANNER, THE CITY ENGINEER MAY REQUIRE REVISIONS TO THE PLANS TO BRING THEM INTO CONFORMANCE WITH STANDARDS IN EFFECT.

Prepared Under The Supervision Of :

Date :  
 R.C.F. 47896

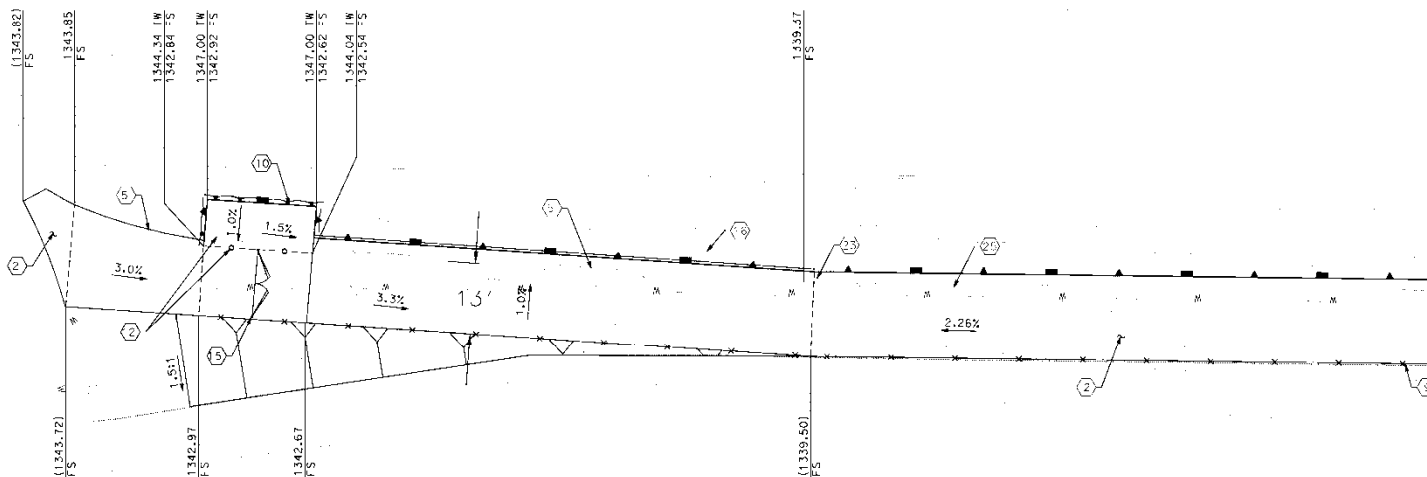
APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 ASSISTANT CITY ENGINEER-CITY OF RANCHO CUCAMONGA  
**CITY OF FONTANA, CALIFORNIA**  
 TRAIL IMPROVEMENT PLAN

DESIGN BY: \_\_\_\_\_  
 REVIEW BY: \_\_\_\_\_  
 DATE: 05/01/2020  
 SCALE: 1"=10'  
 DRAWING NO: 00-02  
 SHEET 11

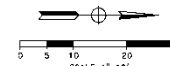




VICTORIA BASIN



- CONSTRUCTION NOTES**
- (2) CONSTRUCT 3.5" AC OVER 3.5" CAB
  - (5) CONSTRUCT CONCRETE HEADER PER CITY OF RANCHO CUCAMONGA STD. PLAN 534
  - (9) INSTALL CHAIN LINK FENCE PER SBCFCD STD. DWG 300
  - (10) CONSTRUCT RETAINING WALL PER XXXX, WITH RAILING PER XXX
  - (12) PLACE BOLLARD AS SHOWN PER XXX
  - (15) INSTALL 20' WIDE DOUBLE DRIVE GATE PER SBCFCD SPECIAL DWG No. 1
  - (16) PROTECT SEWER MANHOLE WITH CONCRETE SLOPE PROTECTION
  - (23) CONSTRUCT 'X'X' GRATE INLET WITH 'X' DIA. PVC PIPE
  - (25) CONSTRUCT MASONRY SLOUGH WALL



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 Orange, California 92668  
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REV	REVISION DESCRIPTION	DATE	CHK	APP	DATE

SHOULD CONSTRUCTION OF THE REQUIRED IMPROVEMENTS NOT COMMENCE WITHIN TWO YEARS OF THE DATE OF APPROVAL SHOWN HEREON AND CARRIED FORTH IN A DILIGENT MANNER, THE CITY ENGINEER MAY REQUIRE REVISIONS TO THE PLANS TO BRING THEM INTO CONFORMANCE WITH STANDARDS IN EFFECT.

Prepared Under The Supervision Of:  
 Date: 05/01/2020  
 R.C.F. 47896

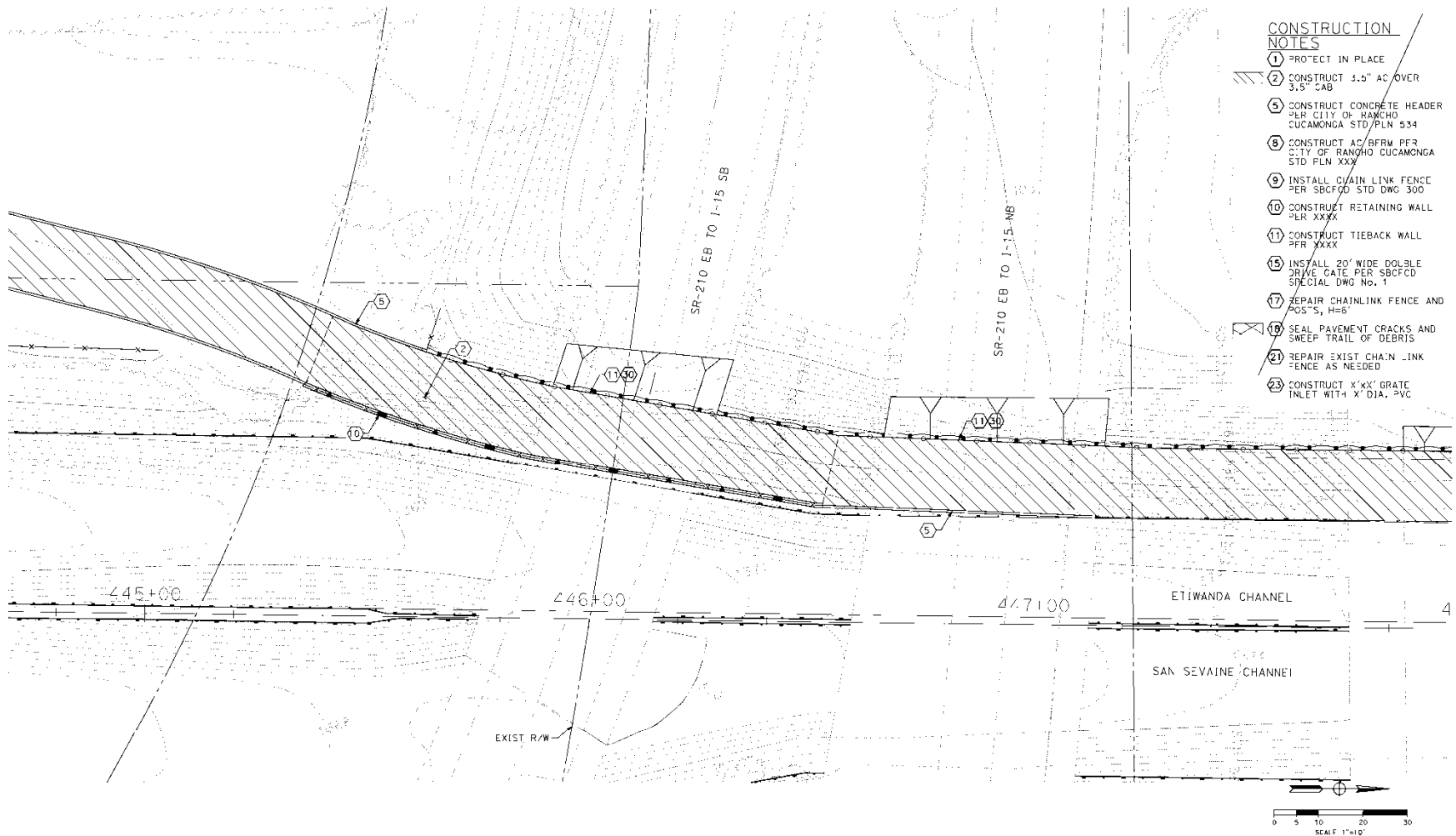
APPROVED BY: AL WELLS ENGINEER		DATE: 05/01/2020
CITY OF FONTANA, CALIFORNIA		
TRAIL IMPROVEMENT PLAN		
DETAILED GRADING PLAN		
APPROVED BY: D. STUTZEL CITY ENGINEER - FONTANA		DATE: 05/01/2020





# CONSTRUCTION NOTES

- 1 PROTECT IN PLACE
- 2 CONSTRUCT 3.5" AC OVER 3.5" CAB
- 5 CONSTRUCT CONCRETE HEADER PER CITY OF RANCHO CUCAMONGA STD/PLN 534
- 8 CONSTRUCT AC/GRW PER CITY OF RANCHO CUCAMONGA STD/PLN XXX
- 9 INSTALL CHAIN LINK FENCE PER SBCFDD STD DWG 300
- 10 CONSTRUCT RETAINING WALL PER XXXX
- 11 CONSTRUCT TIEBACK WALL PER XXXX
- 15 INSTALL 20' WIDE DOUBLE DRIVE GATE PER SBCFDD SPECIAL DWG NO. 1
- 17 REPAIR CHAINLINK FENCE AND POSTS, H=6'
- 18 SEAL PAVEMENT CRACKS AND SWEEP TRAIL OF DEBRIS
- 21 REPAIR EXIST CHAIN LINK FENCE AS NEEDED
- 23 CONSTRUCT 4'X4' GRATE INLET WITH 4' X' DIA. PVC



**DAVID EVANS AND ASSOCIATES INC.**  
4141 E. Grand Avenue, Suite 250  
Ontario, California 91764  
Phone: 909.481.5750 Fax: 909.481.5757



REV	REVISION DESCRIPTION	DATE	CHK	APP	DATE

SHOULD CONSTRUCTION OF THE REQUIRED IMPROVEMENTS NOT COMMENCE WITHIN TWO YEARS OF THE DATE OF APPROVAL SHOWN HEREON AND CARRIED FORTH IN A DILIGENT MANNER, THE CITY ENGINEER MAY REQUIRE REVISIONS TO THE PLANS TO BRING THEM INTO CONFORMANCE WITH STANDARDS IN EFFECT.

Prepared Under The Supervision Of:

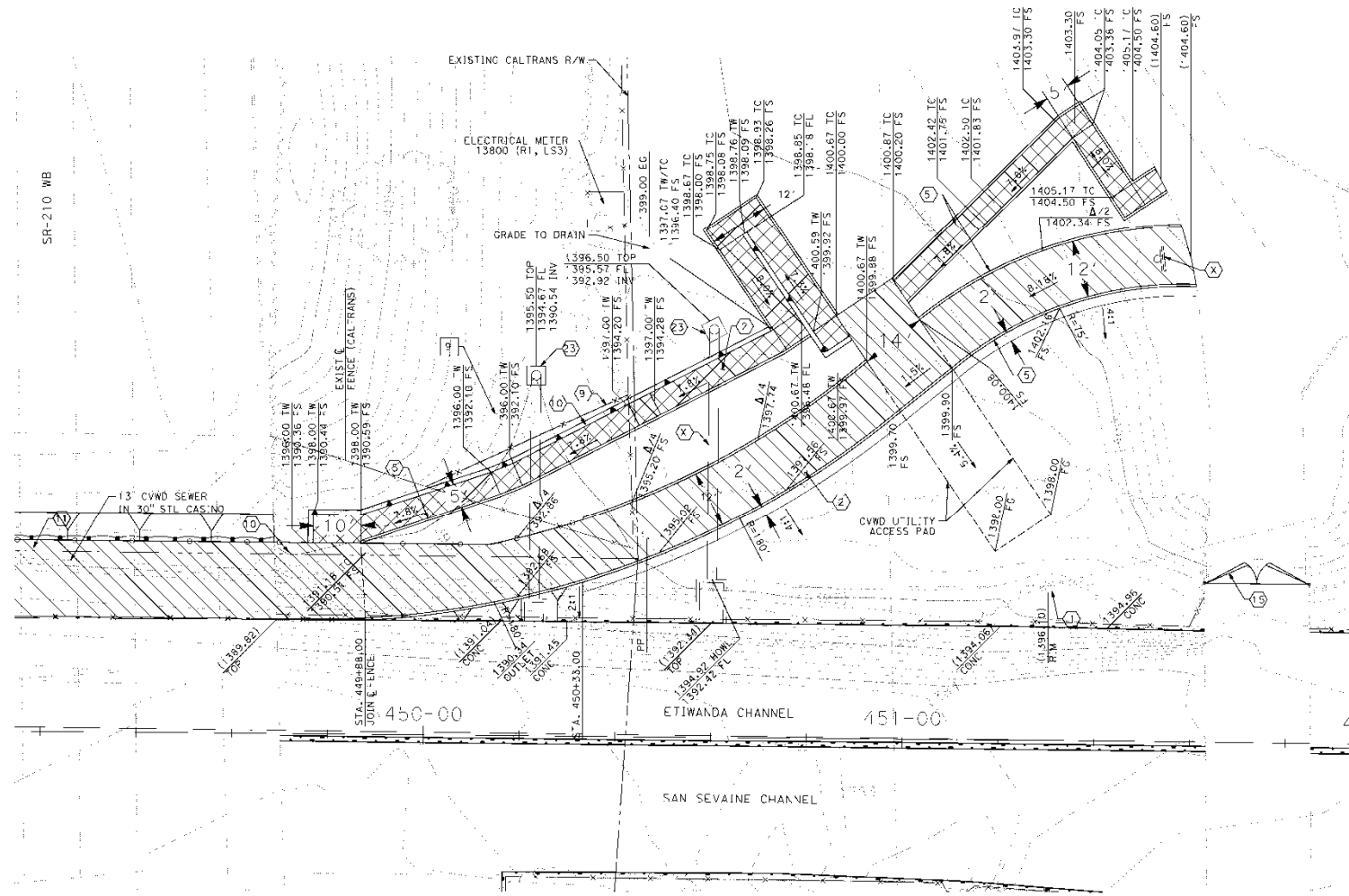
DATE: 05/01/2020  
R.G.F. 47896

APPROVED BY: ASSISTANT CITY ENGINEER-CITY OF RANCHO CUCAMONGA  
CITY OF FONTANA, CALIFORNIA  
TRAIL IMPROVEMENT PLAN

DESIGN BY: R. WELLS  
CHECKED BY: A. VERA  
DATE: 05/01/2020  
APPROVED BY: D. STETZEL  
DATE: 05/01/2020  
SCALE: 1"=10'  
DRAWING NO: 06 08

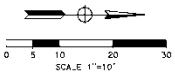


SR-210 WB



# CONSTRUCTION NOTES

1. PROTECT IN PLACE
2. CONSTRUCT 3.5\"/>



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4141 E. Grand Avenue, Suite 250  
Orange, California 92668  
Phone: 949.481.5750 Fax: 949.481.5757

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REV	REVISION DESCRIPTION	DATE	CHK	APP	DATE

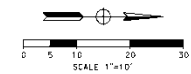
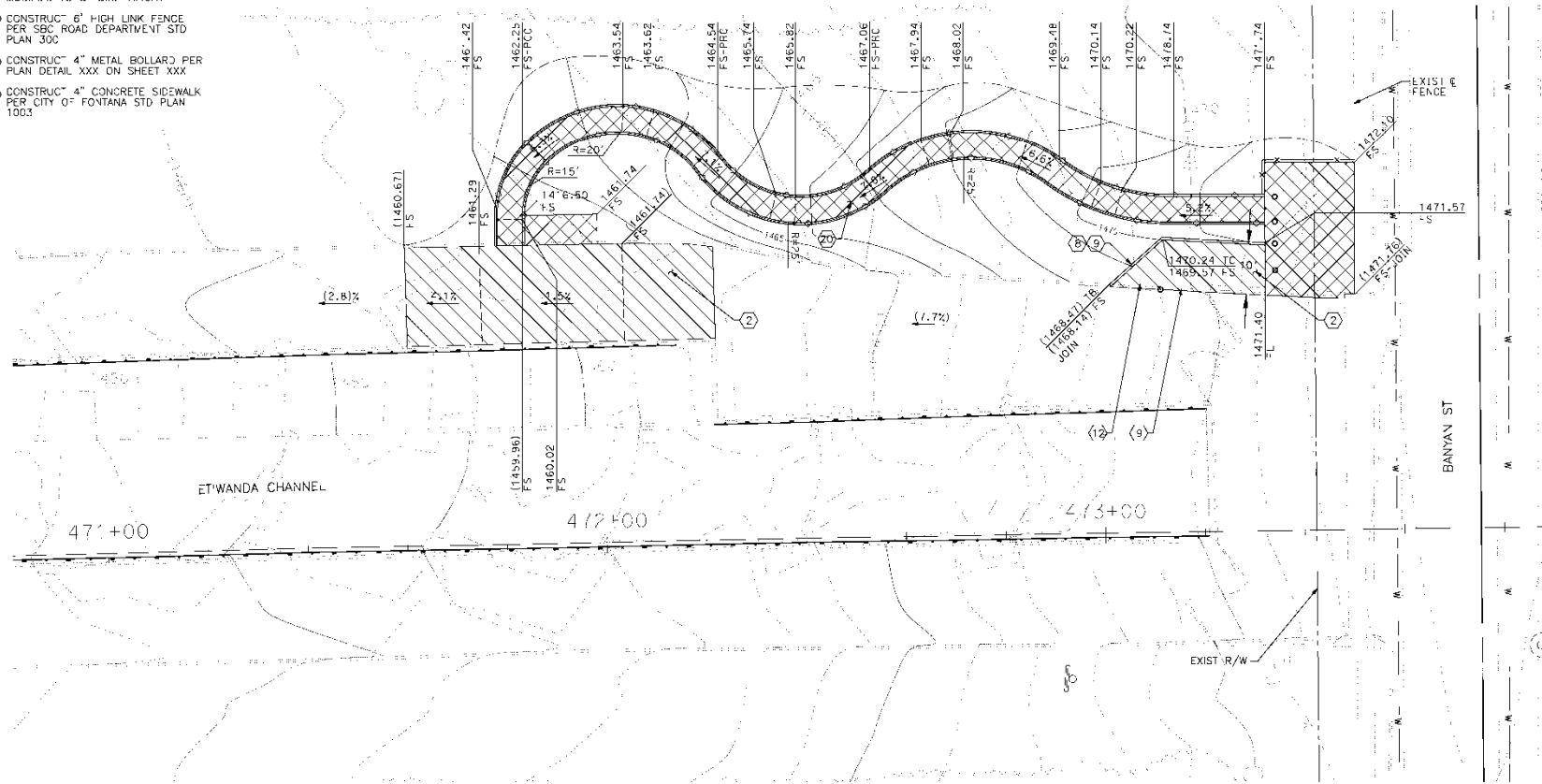
SHOULD CONSTRUCTION OF THE REQUIRED IMPROVEMENTS NOT COMMENCE WITHIN TWO YEARS OF THE DATE OF APPROVAL SHOWN HEREON AND CARRIED FORTH IN A DILIGENT MANNER, THE CITY ENGINEER MAY REQUIRE REVISIONS TO THE PLANS TO BRING THEM INTO CONFORMANCE WITH STANDARDS IN EFFECT.

Prepared Under The Supervision Of:  
Date: 06/10/2020  
R.G.T. 47896

APPROVED BY: ASSISTANT CITY ENGINEER-CITY OF RANCHO CUCAMONGA CITY OF FONTANA, CALIFORNIA		DATE: 05/01/2020
PROJECT NAME: TRAIL IMPROVEMENT PLAN		SCALE: 1"=10'
DESIGN BY: R. WELLS	REVIEW BY: A. VERA	DRAWING NO: 00-09
APPROVED BY: D. STETZEL	DATE: 05/01/2020	BY ENGINEER-TOWN:

# CONSTRUCTION NOTES

- (2) CONSTRUCT 3.5" AC OVER 3.5" CAB
- (8) CONSTRUCT AC BERM PER CALTRANS STD PLAN A87B, TYPE A, MODIFIED TO 8" DIKE HEIGHT
- (9) CONSTRUCT 6" HIGH LINK FENCE PER SBC ROAD DEPARTMENT STD PLAN 30C
- (12) CONSTRUCT 4" METAL BOLLARD PER PLAN DETAIL XXX ON SHEET XXX
- (20) CONSTRUCT 4" CONCRETE SIDEWALK PER CITY OF FONTANA STD PLAN 100.3



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4141 E. Grand Avenue, Suite 250  
Ontario, California 91764  
Phone: 909.481.5750 Fax: 909.481.5757

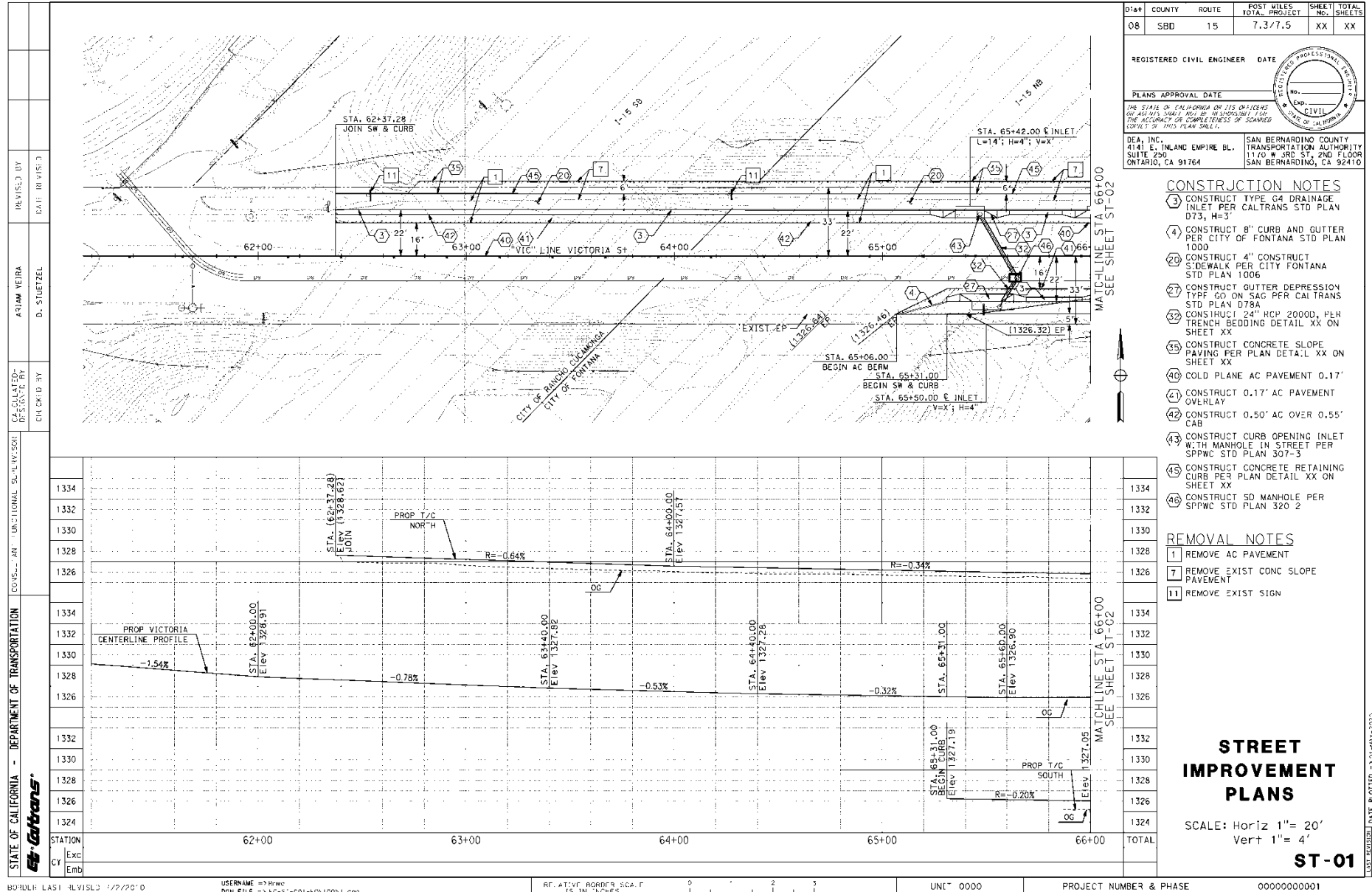
**DIGALERT**  
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THE VOIRLINE DATA SERVICE  
1-800-337-3600  
A PUBLIC SERVICE BY JACOBS ENGINEERING GROUP

REV	REVISION DESCRIPTION	DATE	CHKD	APP'D

SHOULD CONSTRUCTION OF THE REQUIRED IMPROVEMENTS NOT COMMENCE WITHIN TWO YEARS OF THE DATE OF APPROVAL SHOWN HEREON AND CARRIED FORTH IN A DILIGENT MANNER, THE CITY ENGINEER MAY REQUIRE REVISIONS TO THE PLANS TO BRING THEM INTO CONFORMANCE WITH STANDARDS IN EFFECT.

Prepared Under The Supervision Of:  
DATE: 05/01/2020  
R.G.F. 47896

APPROVED BY: R. WELLS DATE: 05/01/2020		ASSISTANT CITY ENGINEER-CITY OF BAKING OAK/CALADORA	
CITY OF FONTANA, CALIFORNIA		DATE: 05/01/2020	
TRAIL IMPROVEMENT PLAN		DRAWING NO: EG-10	
GRADING AND PAVEMENT PLAN		DATE: 05/01/2020	
APPROVED BY: D. STETZEL DATE: 05/01/2020		CITY ENGINEER-FONTANA	



DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL No. SHEETS
08	SBD	15	7.3/7.5	XX XX

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA ON THIS DATE HAS RECEIVED THE APPLICATION OF THE ENGINEER FOR THE DESIGN AND CONSTRUCTION OF THIS PROJECT. THE ENGINEER'S SIGNATURE AND SEAL ARE REQUIRED TO BE SUBMITTED TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION, SAN BERNARDINO COUNTY, SAN BERNARDINO, CALIFORNIA 92410.

DEA, INC. 4141 E. INLAND EMPIRE BL. SUITE 200 ONTARIO, CA 91764

SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY 1170 W. 3RD ST. 2ND FLOOR SAN BERNARDINO, CA 92410

- CONSTRUCTION NOTES**
- 3) CONSTRUCT TYPE G4 DRAINAGE INLET PER CALTRANS STD PLAN D73, H=3'
  - 4) CONSTRUCT 9" CURB AND OUTTER PER CITY OF FONTANA STD PLAN 1000
  - 20) CONSTRUCT 4" CONSTRUCT SIDEWALK PER CITY FONTANA STD PLAN 1006
  - 27) CONSTRUCT GUTTER DEPRESSION TYPE GO ON SAG PER CALTRANS STD PLAN D78A
  - 32) CONSTRUCT 24" HCP 20000, PLH TRENCH BEDDING DETAIL XX ON SHEET XX
  - 45) CONSTRUCT CONCRETE SLOPE PAVING PER PLAN DETAIL XX ON SHEET XX
  - 40) COLD PLANE AC PAVEMENT 0.17'
  - 41) CONSTRUCT 0.17' AC PAVEMENT OVERLAY
  - 42) CONSTRUCT 0.50' AC OVER 0.55' CAB
  - 43) CONSTRUCT CURB OPENING INLET WITH MANHOLE IN STREET PER SPPWC STD PLAN 307-3
  - 45) CONSTRUCT CONCRETE RETAINING CURB PER PLAN DETAIL XX ON SHEET XX
  - 46) CONSTRUCT SD MANHOLE PER SPPWC STD PLAN 320 2

- REMOVAL NOTES**
- 1) REMOVE AC PAVEMENT
  - 7) REMOVE EXIST CONC SLOPE PAVEMENT
  - 11) REMOVE EXIST SIGN

**STREET IMPROVEMENT PLANS**

SCALE: Horiz 1"= 20'  
Vert 1"= 4'

**ST-01**

