



COUNTY OF SAN JOAQUIN

DEPARTMENT OF PUBLIC WORKS
P.O. BOX 1810-1810 E. HAZELTON AVENUE
STOCKTON, CALIFORNIA 95201
(209) 468-3000
FAX # (209) 468-9324

Permit No: PS-1802500
Date Issued: 07/10/2018
Start Date: 07/16/2018
Exp. Date: 08/01/2018
Project No: PWP730079
Quad: WS

UE/CR/PM NO:A01B23Q

ENCROACHMENT PERMIT

To: AT & T - FRESNO
5555 E. OLIVE RM#300III
FRESNO, CA 93727

Encroachment Type:

Aerial Work & Traffic	Control Devices		
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Location:

EL DORADO ST. N/O MATHEWS RD.

In compliance with your request of **07/10/2018**, permission is hereby granted to do work in County right-of-way as shown on attached application and subject to all the terms, conditions and restrictions written below or printed as general or special provisions on any part of this form. See reverse side and attached sheet, if any.

Trench excavations for service connections will not be permitted within ten feet (10') of pavement centerline unless otherwise approved by the Director. Surface of trench patches shall match in kind and be smooth and even with that of abutting surface. Special attention shall be given to depth of utilities through roadside area in anticipation of future drainage facilities, road profile and/or frontage development. All underground utility facilities are to be established and accurately dimensioned on sketches from surveyed centerline of road right of way, or from right of way (border) lines.

Permittee shall call the Department of Public Works, Field Engineering Division (Permit Inspections) at (209)953-7421 at least forty-eight hours prior to beginning any work within the County right of way. All work performed under this permit shall conform to the rules and regulations pertaining to safety established by the California Division of Industrial Safety and Cal-OSHA.

The jobsite shall be kept in a safe condition at all times by the daily removal of any excess dirt or debris which might be a hazard to either pedestrian or automobile traffic. All necessary traffic convenience and warning devices and personnel shall be provided, placed and maintained by and at the sole expense of the Permittee in accordance with the latest edition of the CALTRANS Manual of Traffic Control.

After completion of the work permitted herein, all debris, lumber, barricades, or any excess material shall be removed and the jobsite left in a neat workmanlike manner. Immediately following completion of construction permitted herein, Permittee shall fill out and mail notice of completion (see attached post card) provided by Grantor.

Special Comments:

Traffic Control Per MUTCD*****See Attached "Special Conditions"*****

FORMS: SS/WW

Est. Permit Fee: \$436.00

WHITE -Permittee
GOLDENROD -PWD Central File
YELLOW -Field Inspection
PINK -Permit Section

KRIS BALAJI, Director
Department of Public Works

By: 
Permit Section

ENCROACHMENT PERMIT GENERAL PROVISIONS

13-1

1. This permit is issued under and subject to all laws and ordinances of agencies governing the encroachment herein permitted. See the following references:
STREETS AND HIGHWAYS CODE
 1. Division 1, Chapter 3
 2. Division 2, Chapter 2, Section 942
 3. Division 2, Chapter 4, Section 1126
 4. Division 2, Chapter 5.5 and Chapter 6
SAN JOAQUIN COUNTY ORDINANCES NUMBERED: 324, 441, 648, 662, 672, 695, 700, 860, 892, 3359, and 3675.
2. It is understood and agreed by the Permittee that the performance of any work under this permit shall constitute an acceptance of all the provisions contained herein and failure on the Permittee's part to comply with any provision will be cause for revocation of this permit. Except as otherwise provided for public agencies and franchise holders, this permit is revocable on five days notice.
3. All work shall be done subject to the supervision of and the satisfaction of the grantor. The Permittee shall at all times during the progress of the work keep the County Highway in as neat and clean condition as is possible and upon completion of the work authorized herein, shall leave the County Highway in a thoroughly neat, clean and usable condition.
4. The Permittee also agrees by the acceptance of this permit to properly maintain any encroachment structure placed by the Permittee on any part of the County Highway and to immediately repair any damage to any portion of the highway, which occurs as a result of the maintenance of the said encroachment structure, until such time as the Permittee may be relieved of the responsibility for such maintenance by the County of San Joaquin.
5. The Permittee also agrees by the acceptance of this permit to make, at its own expense, such repairs as may be deemed necessary by the County Department of Public Works.
6. It is further agreed by the Permittee that whenever construction, reconstruction or maintenance work upon the highway is necessary, the installation provided for herein shall, upon request of the County Department of Public Works, be immediately moved or removed by and at the sole expense of the Permittee.
7. No material used for fill or backfill in the construction of the encroachment shall be borrowed or taken from within the County right of way.
8. All work shall be planned and carried out with as little inconvenience as possible to the traveling public. No material shall be stacked within eight feet (8') of the edge of the pavement or traveled way unless otherwise provided herein. Adequate provision shall be made for the protection of the traveling public. Traffic control standards shall be utilized including barricades; approved signs and lights; and flagmen, as required by the particular work in progress.
9. The Permittee, by the acceptance of this permit, shall assume full responsibility for all liability for personal injury or damage to property which may arise out of the work herein permitted or which may arise out of the failure of the part of the Permittee to properly perform the work provided under this permit. In the event any claim of such liability is made against the County of San Joaquin or any department, official or employee thereof, the Permittee shall defend, indemnify, and hold each of them harmless for such claim.
10. All backfill material is to be moistened as necessary and thoroughly compacted with mechanical means. If required by the County Director of Public Works, such backfill shall consist of gravel or crushed rock. The Permittee shall maintain the surface over structures placed hereunder as may be necessary to insure the return of the roadway to a completely stable condition and until relieved of such responsibility by the County Department of Public Works. Wherever a gravel, crushed rock or asphalt surface is removed or damaged in the course of work related to the permitted encroachment, such material shall either be separately stored and replaced in the roadway as nearly as possible in its original state or shall be replaced in kind, and the roadway shall be left in at least as good a condition as it was before the commencement of operations of placing the encroachment structure.
11. Whenever it becomes necessary to secure permission from abutting property owners for the proposed work, such authority must be secured by the Permittee prior to starting work.
12. The current and future safety and convenience of the traveling public shall be given every consideration in the location and methods of construction utilized.
13. The Permittee is responsible for the preservation of survey monuments located within the area of work herein permitted. Prior to the start of construction, survey monuments that potentially may be disturbed shall be located and referenced by a Licensed Land Surveyor, and a Corner Record filed with the County Surveyor. Any Survey Monuments disturbed during the course of construction shall be reestablished by a Licensed Land Surveyor and another Corner Record filed with the County Surveyor. (Land Surveyors' Act Section 8771)
14. Prior to any excavation, the Permittee shall notify USA North (Underground Service Alert of Northern California and Nevada) at 811 or 800-227-2600 forty-eight (48) hours in advance.

SPECIAL CONDITIONS FOR
AT&T – A01B23Q
ENCROACHMENT PERMIT

1. Maintain traffic controls for all roads. Traffic control delays shall not exceed 15 minutes. Two-way traffic shall be maintained during non-working hours with excavated areas backfilled or plated. During working hours, two-way traffic control shall be maintained with one lane open and appropriate flaggers.
2. Access to all properties shall be maintained at all times except when work is occurring at the access point. Minimal delays will be allowed to provide access within the work zone area. Driveway access shall be fully restored at the end of each workday. Driveways disturbed by the contractor shall be replaced with in-kind or better materials.
3. Residents and businesses shall be notified in writing, as approved by the County, 48 hours in advance of any impacts to their access.
4. Any areas where parking is to be restricted shall have signs noting the restrictions in place at least 48 hours in advance.
5. School Buses shall be passed through the work zone with minimal delays.
6. Existing fences shall not be removed without written consent of the property owner. Such consent shall be submitted to the County prior to the removal. Fences removed shall be restored with in-kind or better materials. Restored fences shall not encroach into County right-of-way.
7. All destroyed or obliterated pavement markings must be replaced in kind by the permittee. Typical pavement markings include but not limited to lane lines, centerlines, stop and stop ahead legends, limit lines, raised pavement markers and miscellaneous delineators.
8. The Permittee is responsible for the preservation of survey monuments located within the area of work herein permitted. Prior to the start of construction, survey monuments that potentially may be disturbed shall be located and referenced by a Licensed Land Surveyor, and a Corner Record filed with the County Surveyor. Any Survey Monuments disturbed during the course of construction shall be reestablished by a Licensed Land Surveyor and another Corner Record filed with the County Surveyor. (Land Surveyors' Act Section 8771)
9. County roads shall be kept clean from mud and debris at all times along the access points and work zone areas during entire project. All standard roadway striping and signage shall be clearly visible, maintained and restored throughout the construction zone during and after the project.
10. In addition to standard dust control measures, streets shall be maintained in a clean condition, free of dirt, mud and debris during construction activities. The contractor shall provide daily, and as determined to be necessary by County inspectors, street sweeping using a modern mechanical or vacuum-assisted street sweeper.
11. The contractor shall not conduct construction operations in rain or heavy fog conditions.

APPLICATION FOR ENCROACHMENT PERMIT

PLEASE PRINT:

Date 7-9-2018

To: San Joaquin County
Department of Public Works

AT&T / VCC PERMITS DESK
(Applicant Name)

5555 E. Olive Ave
(Mailing Address)

Fresno, CA 93727
(City, State, Zip Code)

(559) 454-4900 g26977@att.com
(Area Code - Telephone Number)

OFFICE USE ONLY

JOB # 730079 REF # _____
APN _____ CR # _____
EXP. DATE 8/1/18
VALID 7/16/18 TO 8/1/18 DRIVEWAYS: _____
STREET EL DORADO AVE & MATHEWS RD.
AREA STOCKTON QUAD WB
TYPE TRAFFIC CONTROL DEVICES & AERIAL WORK
FORMS 5/100, Special Conditions
NOTES _____

Sketch (Detailed plans may be submitted)

SEE ATTACHED PERMIT AND TRAFFIC CONTROL PLAN DRAWINGS FOR AT&T JOB A01B23Q.

ENGR: PORFIRIO OSNAYA
(209) 549-5832

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the N/W side of E MATHEWS RD/EL DORADO ST approximately 50/50 (feet) mile E/S of EL DORADO ST/E LYNN AVE, by performing the following work (description of work): PLACE GROUND BEDS CONSISTING OF (3)-8' GROUND RODS AT P.3 AND P.12. TRAFFIC CONTROL FOR THIS WORK AND FOR THE PLACEMENT OF APPROXIMATELY 1600' OF AERIAL CABLE BETWEEN P.1 AND P.12. SEE ATTACHED DRAWINGS.

Work will commence on or about 7-16-2018 for approximately 4-DAYS days.

I, the undersigned, certify that I am the owner of the respective property, or am qualified to represent the owner and agree to do the work described above in accordance with the rules and regulations of San Joaquin County and subject to inspection and approval.

Engineering
Administrator

Signature of Applicant - Title

for AT&T

Date

7-9-2018

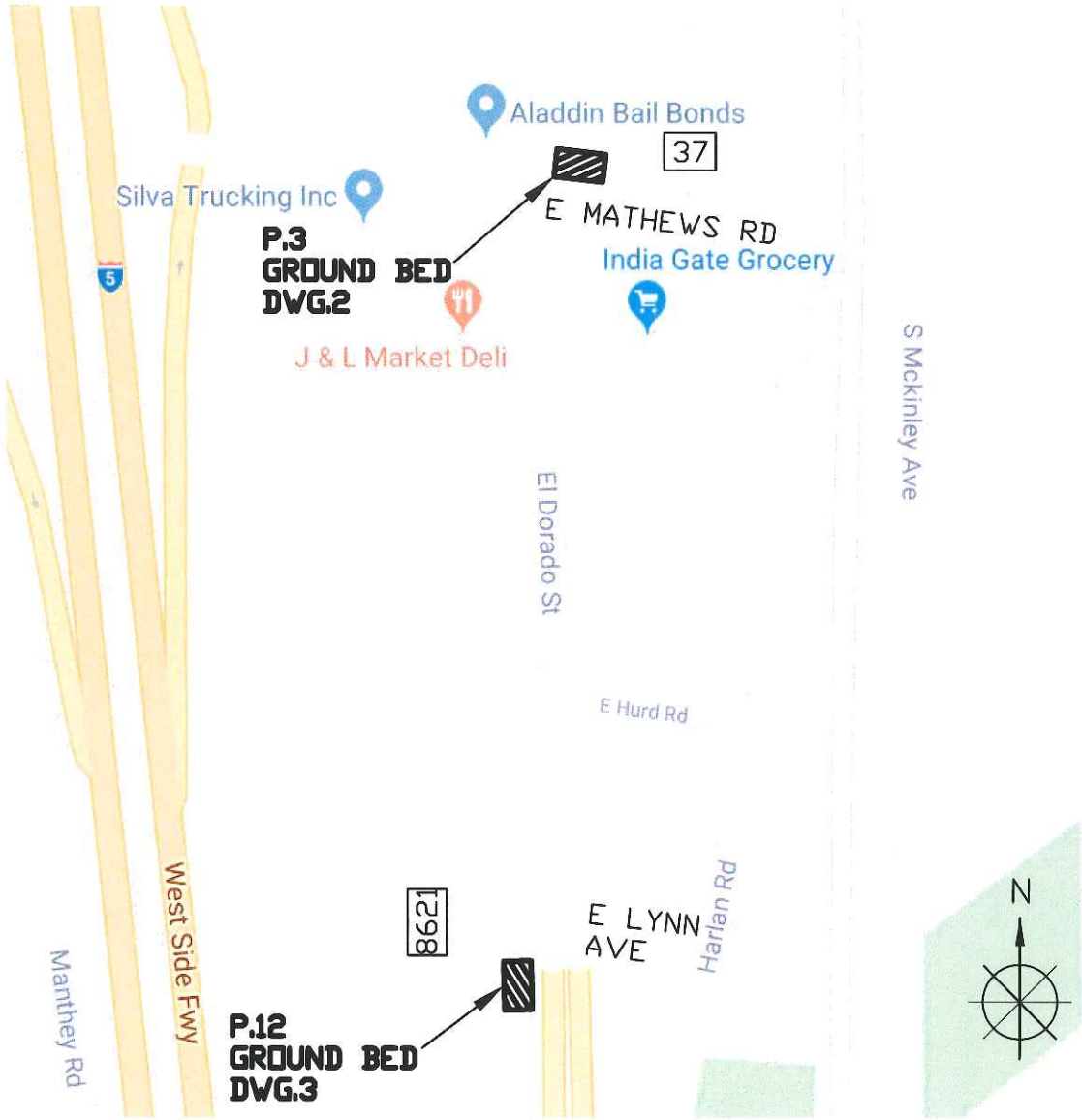
WORK LOCATION: 37 E MATHEWS RD AND 8621 EL DORADO ST, FRENCH CAMP (SAN JOAQUIN COUNTY), CA

SCOPE OF WORK:

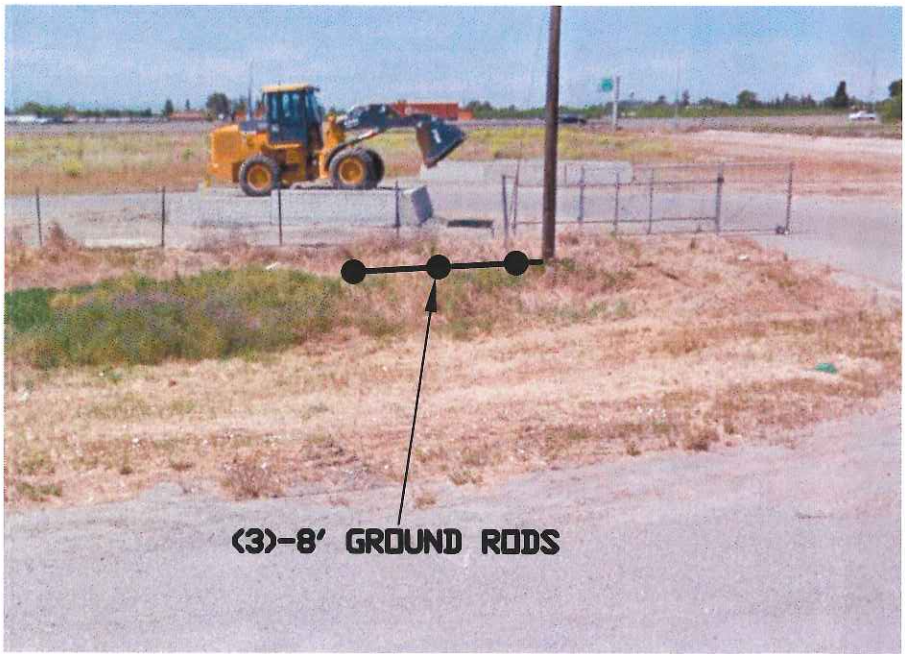
AT AT&T POLES P.3 AND P.12, PLACE A GROUND BED CONSISTING OF (3)-8' GROUND RODS AND #6 GROUND WIRE. THIS WILL REQUIRE TRENCHING 18' IN DIRT AT EACH LOCATION.



ISSUE	DATE
1	5/2018



P.3 WORK AREA FACING NORTH.



P.12 WORK AREA FACING WEST.

GENERAL CONSTRUCTION NOTES:

EXTRA CAUTION SHOULD BE TAKEN WHEN DIGGING AND PLACING NEW FACILITIES FOR AT&T CALIFORNIA, AS OTHER UTILITIES MAY BE IN CLOSE PROXIMITY OF THE WORK LOCATION.

TUNNEL UNDER ALL CURBS AND GUTTERS.

ALL BENDS WILL BE A 6' RADIUS UNLESS OTHERWISE NOTED.

RESTORE AREA TO LIKE OR BETTER CONDITION.

NOTIFY SAN JOAQUIN COUNTY 72 HRS BEFORE STARTING WORK OPERATIONS. ADHERE TO ALL PERMIT REQUIREMENTS.

CALL **USA** TOLL FREE

48 HOURS PRIOR TO DIGGING
FOR ALL SUB-STRUCTURE
LOCATIONS

800-227-2600

AT&T ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE SUBSTRUCTURE INFORMATION HEREIN PROVIDED. THE USER ASSUMES RESPONSIBILITY FOR VERIFYING SUBSTRUCTURE LOCATIONS BEFORE EXCAVATING AND ASSUMES ALL LIABILITY FOR DAMAGE TO TELEPHONE FACILITIES AS A RESULT OF SUCH EXCAVATION. CALL UNDERGROUND SERVICE ALERT ON: (800) 227-2600 TWO DAYS BEFORE DIGGING IN PROXIMITY TO TELEPHONE PLANT.

FAFL Network Services
A Fujikura Business

THIS JOB WAS ENGINEERED AND DRAWN BY AFL NETWORK SERVICES UNDER CONTRACT TO AT&T. FOR QUESTIONS AND ASSISTANCE ON THIS JOB PLEASE CALL ENGINEER AS NOTED IN TITLE BOX.

CONST ARC	COMP
GEO/CD	UE76
EXCH	SKTNCA14
ENGR P. OSNAYA TEL	(209)549-5832
ENGR ARC	VOKDEEG00
TYPE OF CONST	GROUND BED PERMIT
RD/EST NO	A01B23Q
DWG 1 OF 4	P504

EXCAVATION DATA (DWG.2):



ISSUE	DATE
1	5/2018

OWNER	ASPHALT	CONCRETE	DIRT
SAN JOAQUIN COUNTY	N/A	N/A	18'X1'=18 SQ.FT.

RIGHT OF WAY INFORMATION:
PER A STUDY OF COUNTY OF SAN JOAQUIN
ASSESSOR'S MAP BOOK 193, PAGE 16, THE RIGHT
OF WAY OF MATHEWS RD AT THE WORK
LOCATION MEASURES 80'.

GENERAL CONSTRUCTION NOTES:

EXTRA CAUTION SHOULD BE TAKEN WHEN DIGGING AND
PLACING NEW FACILITIES FOR AT&T CALIFORNIA, AS
OTHER UTILITIES MAY BE IN CLOSE PROXIMITY OF
THE WORK LOCATION.

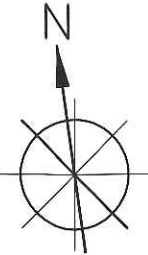
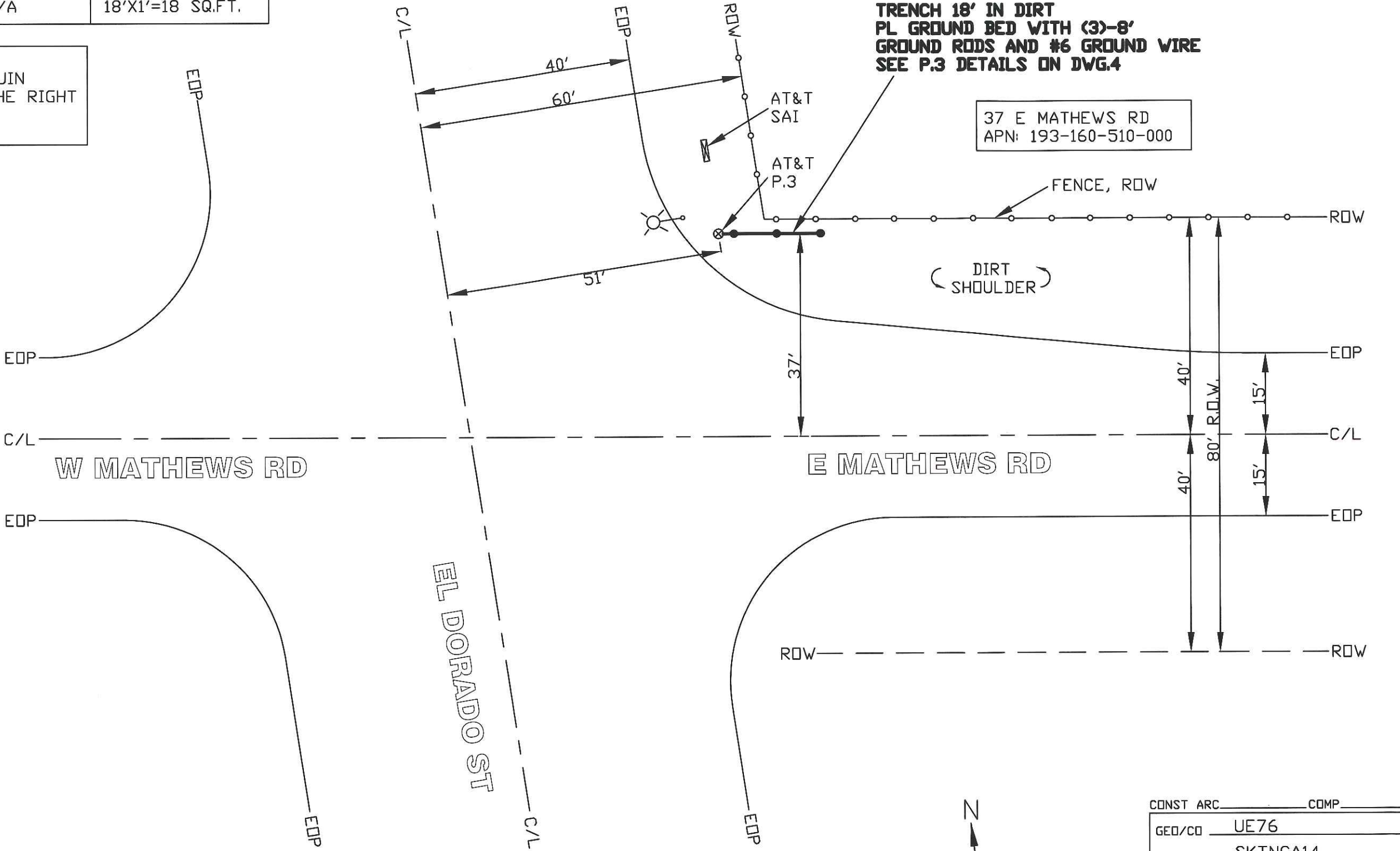
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RESTORE AREA TO LIKE OR BETTER CONDITION.

NOTIFY SAN JOAQUIN COUNTY 72 HRS BEFORE
STARTING WORK OPERATIONS. ADHERE TO ALL PERMIT
REQUIREMENTS.

LEGEND:	
	TRAFFIC SIGNAL
	STREETLIGHT
	FIRE HYDRANT
	CITY MONUMENT
	JOINT UTILITY POLE
	MANHOLE
	SIGN
	BOLLARD
	CABINET
SW-XXXX	ELECTRIC SWITCH
TS	TRAFFIC SIGNAL
SB	SERVICE BOX
EOP	EDGE OF PAVEMENT
FOW	FRONT OF WALK
CPC	TYPE C-40 PLASTIC CONDUIT
FOC	FACE OF CURB
BOW	BACK OF WALK
LOG	LIP OF GUTTER
S	SEWER
C/L	CENTER LINE
E	ELECTRICAL
T	AT&T CONDUIT
J/T	ELECT./AT&T JOINT TRENCH
G	GAS
W	WATER
WV	WATER VALVE



CONST ARC	COMP
GEO/CO	UE76
EXCH	SKTNCA14
ENGR P.	DSNAYA TEL (209)549-5832
ENGR ARC	VOKDEEG00
TYPE OF CONST	
GROUND BED PERMIT	
RD/EST NO	A01B23Q
DWG	2 OF 4 P504

EXCAVATION DATA (DWG.3):



ISSUE	DATE
1	5/2018

OWNER	ASPHALT	CONCRETE	DIRT
SAN JOAQUIN COUNTY	N/A	N/A	18'X1'=18 SQ.FT.

RIGHT OF WAY INFORMATION:
PER A STUDY OF COUNTY OF SAN JOAQUIN
ASSESSOR'S MAP BOOK 193, PAGE 20, THE RIGHT
OF WAY OF N EL DORADO ST AT THE WORK
LOCATION MEASURES 160'.

8621 EL DORADO
APN: 193-020-005-000

TRENCH 18' IN DIRT
PL GROUND BED WITH (3)-8'
GROUND RODS AND #6 GROUND WIRE
SEE P.12 DETAILS ON DWG.4

GENERAL CONSTRUCTION NOTES:

EXTRA CAUTION SHOULD BE TAKEN WHEN DIGGING AND
PLACING NEW FACILITIES FOR AT&T CALIFORNIA, AS
OTHER UTILITIES MAY BE IN CLOSE PROXIMITY OF
THE WORK LOCATION.

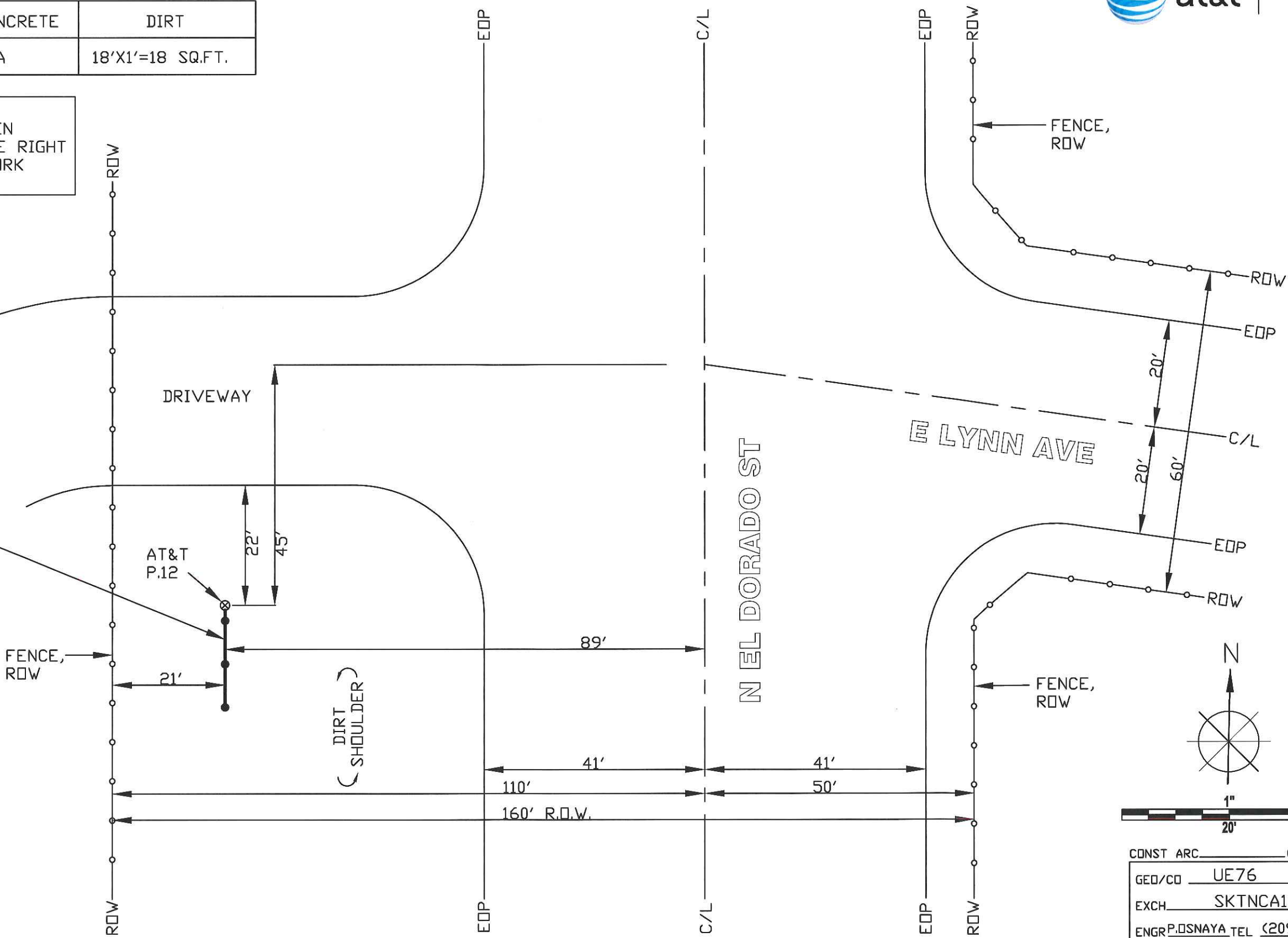
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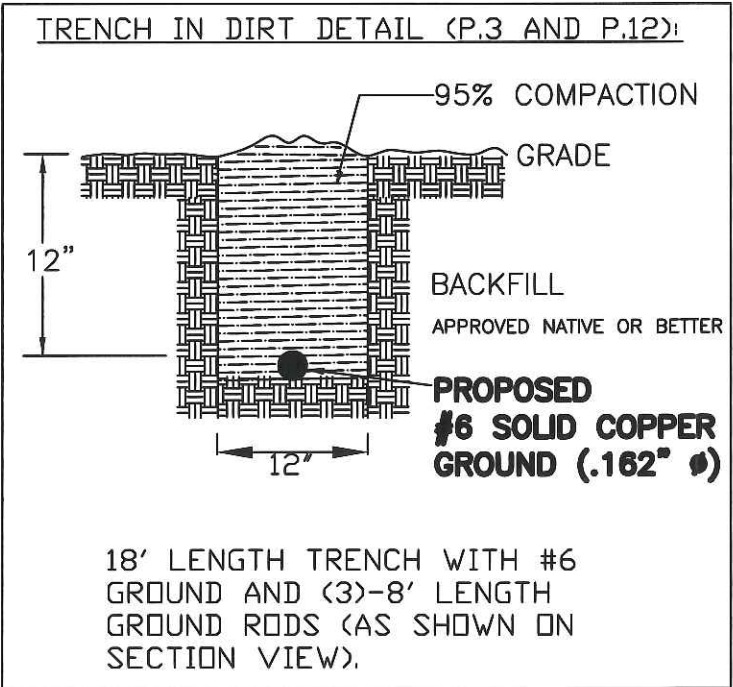
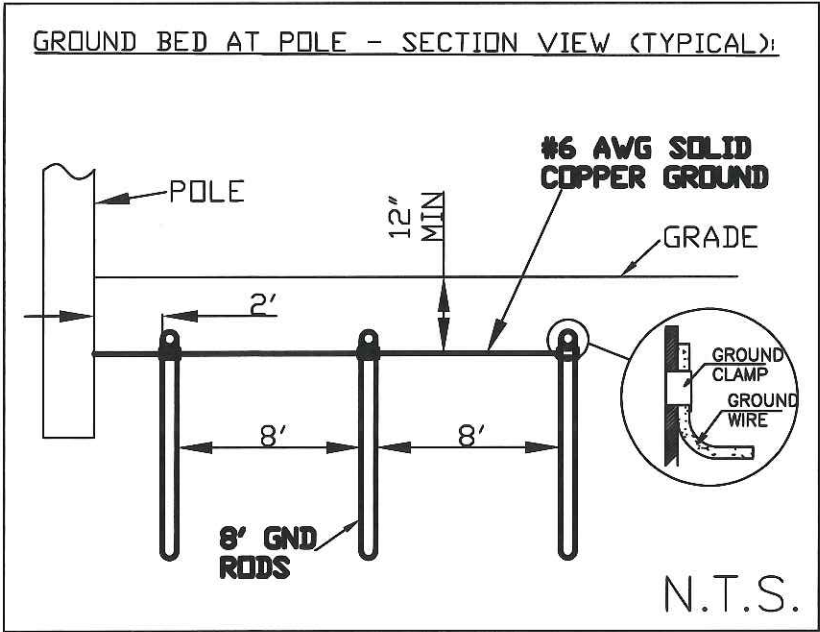
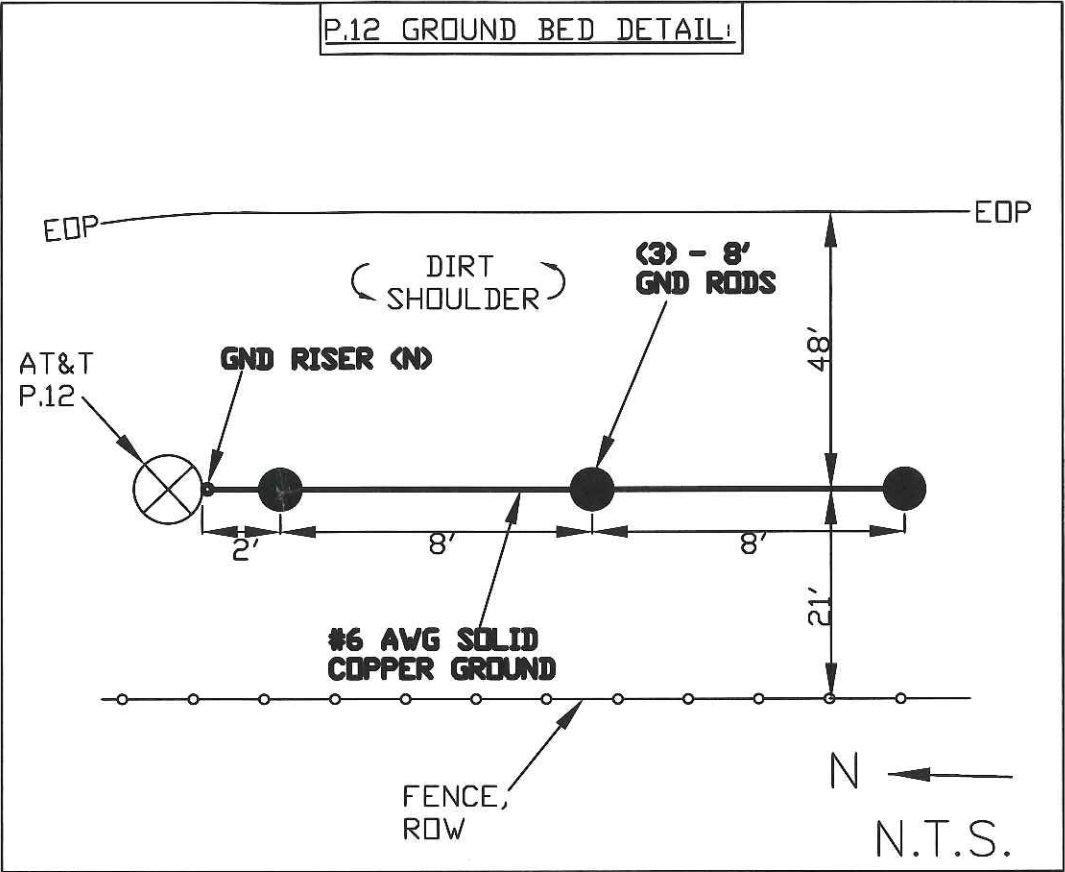
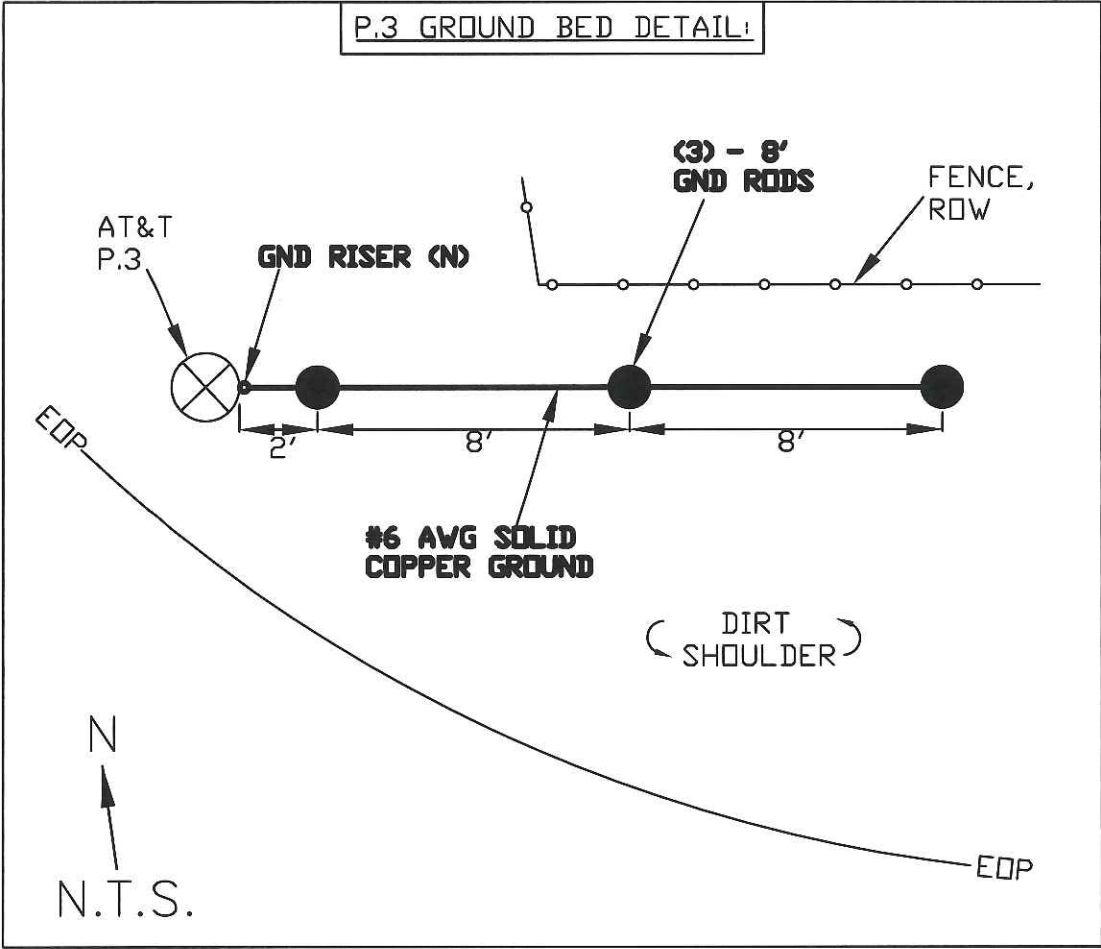
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LEGEND:	
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J/T	ELECT./AT&T JOINT TRENCH
G	GAS
W	WATER
WV	WATER VALVE

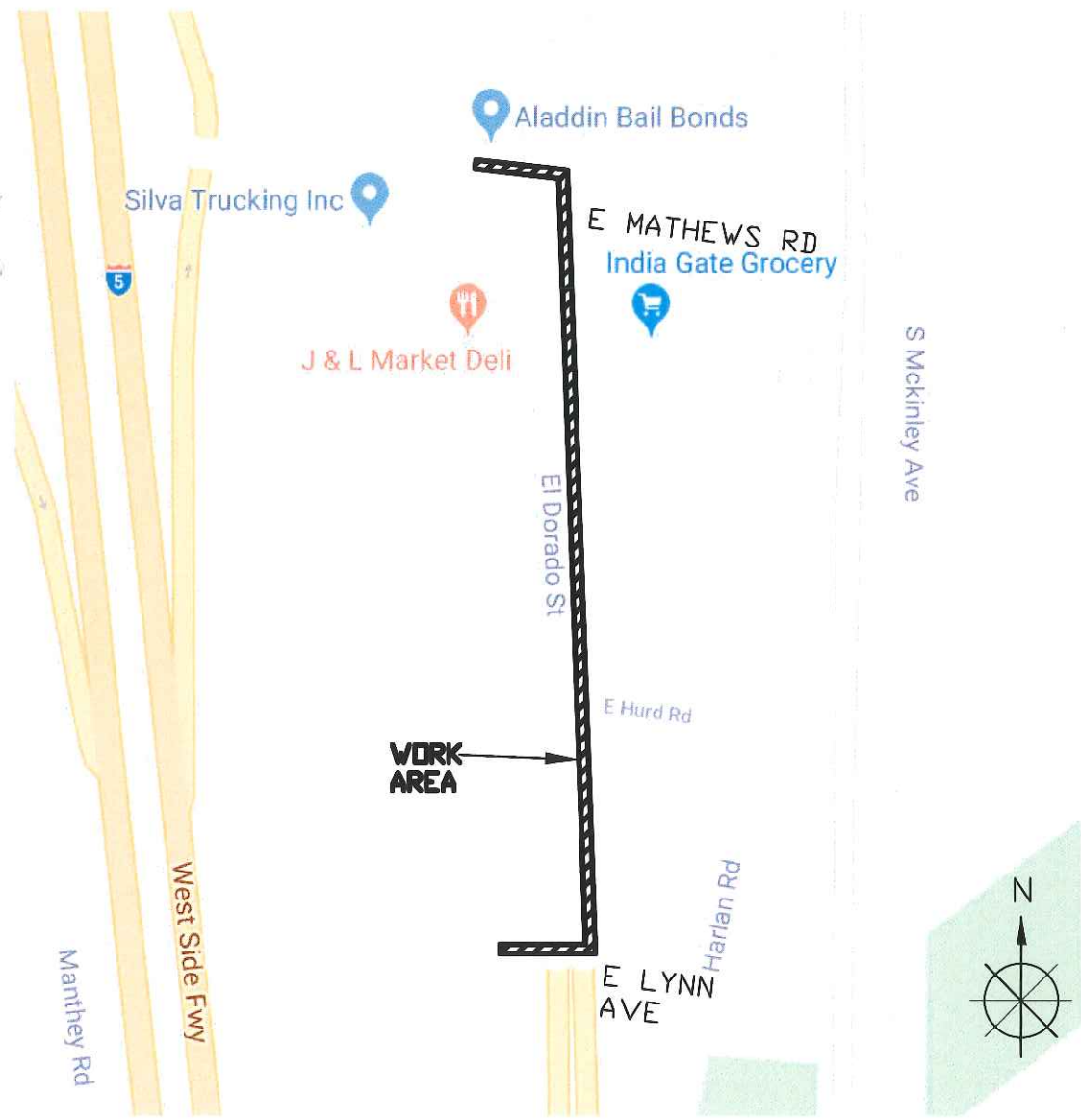


CONST ARC	COMP
GEO/CO	UE76
EXCH	SKTNCA14
ENGR P. OSNAYA	TEL (209)549-5832
ENGR ARC	VOKDEEG00
TYPE OF CONST	GROUND BED PERMIT
RD/EST NO	A01B23Q
DWG	3 OF 4 P504



CONST ARC	COMP
GEO/CD	UE76
EXCH	SKTNCA14
ENGR P. OSNAYA TEL	(209)549-5832
ENGR ARC	VOKDEEG00
TYPE OF CONST	GROUND BED PERMIT
RD/EST NO	A01B23Q
DWG	4 OF 4 P504

WORK LOCATION: EL DORADO ST FROM E MATHEWS RD TO E LYNN AVE, FRENCH CAMP (SAN JOAQUIN COUNTY), CA



-TABLE 6C-2 2014 CALIFORNIA MUTCD-
-STOPPING SIGHT DISTANCE
AS A FUNCTION OF SPEED-

SPEED* (MPH)	DISTANCE (FT)
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730
75	820

* POSTED SPEED, OFF-PEAK
85TH-PERCENTILE SPEED
PRIOR TO WORK STARTING OR THE
ANTICIPATED OPERATING SPEED

-TABLE 6C-3 2014 CALIFORNIA MUTCD-
-TAPER LENGTH CRITERIA FOR
TEMPORARY TRAFFIC CONTROL ZONE-

TYPE OF TAPER	TAPER LENGTH (L)*
MERGING TAPER	AT LEAST L
SHIFTING TAPER	AT LEAST 0.5 L
SHOULDER TAPER	AT LEAST 0.33 L
ONE LANE, TWO-WAY TRAFFIC TAPER	30 M (100FT) MAXIMUM
DOWNSTREAM TAPER	30 M (100FT) PER LANE

-TABLE 6C-4 2014 CALIFORNIA MUTCD-
-FORMULAS FOR DETERMINING TAPER LENGTH-

SPEED LIMIT (S)	TAPER LENGTH (L) FEET
40 MPH OR LESS	$L = \frac{WS^2}{60}$
40 MPH OR MORE	$L = WS$

WHERE: L= TAPER LENGTH IN METERS (FEET)
W= WIDTH OF OFFSET IN METERS (FEET)
S= POSTED SPEED LIMIT, OR OFF-PEAK
85TH-PERCENTILE SPEED PRIOR TO WORK
STARTING, OR THE ANTICIPATED OPERATING
SPEED IN KM/H (MPH)

SCOPE OF WORK:


THIS TRAFFIC CONTROL PLAN IS FOR THE FOLLOWING
ROAD ENCROACHMENTS IN SAN JOAQUIN COUNTY RIGHT OF WAY:

SHOULDER CLOSURE REQUIRED ON E AND W MATHEWS RD AND EL DORADO ST, REQUIRED FOR THE PLACEMENT OF APPROXIMATELY 1600' OF NEW AERIAL CABLE BETWEEN P.1 AND P.12. GROUND BEDS ARE TO BE PLACED AT P.3 AND P.12 (SEE ASSOCIATED PERMIT DRAWINGS).


GENERAL REQUIREMENTS:

1. ALL TRAFFIC CONTROL ELEMENTS SHALL COMPLY WITH THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA-MUTCD), LATEST EDITION.
2. TRAFFIC CONTROL ELEMENTS SHOWN ON THE PLAN ARE SCHEMATIC; TRAFFIC CONTROL ELEMENTS SHALL BE PLACED IN VISIBLE LOCATIONS WITH SPACING NO LESS THE DIMENSIONS SHOWN ON THE PLAN.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND DOCUMENTING THE INSTALLATION OF TRAFFIC CONTROL ELEMENTS AT ALL TIMES. TRAFFIC CONTROL TO REMAIN IN PLACE OVERNIGHT SHALL BE LIGHTED OR REFLECTIVE AS REQUIRED BY THE CA-MUTCD.
4. DEVIATIONS FROM THE PLAN SHALL BE DOCUMENTED BY THE CONTRACTOR AND SUBMITTED TO THE RESIDENT ENGINEER OR ENGINEER OF RECORD.
5. TRAFFIC CONTROL IS DESIGNED FOR A POSTED SPEED OF 25 AND 45 M.P.H.. CONE SPACING SHALL BE NO MORE THAN 25 FEET ON TAPERS AND 50 FEET ON TANGENTS.
6. CONTRACTOR SHALL NOTIFY ALL EMERGENCY RESPONDERS , PUBLIC TRANSPORTATION PROVIDERS, AND THE CITY REPRESENTATIVES NO LESS THAN 48 HOURS PRIOR TO INSTALLATION OF TRAFFIC CONTROL.
7. CONES SHALL BE NO LESS THAN 28" TALL.


LEGEND:




TYPE III BARRICADE W/SIGN (5'H x 4'W)




TYPE II BARRICADE W/O SIGN (3'H x 2'W)




28"(11cm)TRAFFIC CONES W/13"(5cm) REFLECTIVE SLEEVE FOR DAY/NIGHT USE OR DELINEATORS IF DAY USE ONLY




TRAFFIC CONE WITH CLIP ON SIGN




PROPOSED SIGN AND POST




SIGNALIZED INTERSECTION



FLASHING ARROWBOARD



HIGH LEVEL WARNING DEVICE WITH SIGN (FLAGTREE)




FLAGGER

TANS


TOW AWAY NO STOPPING ____ TO ____ (SHOW HOURS)

TANSAT

TOW AWAY NO STOPPING ANY TIME



WORK ZONE LIMITS



DIRECTION OF TRAFFIC

FOC

FACE OF CURB


EOP

EDGE OF PAVEMENT

-TABLE 6C-1 2014 CALIFORNIA MUTCD-
-SUGGESTED MINIMUM ADVANCE WARNING SIGN SPACING-

ROAD TYPE	DISTANCE BETWEEN SIGNS**		
	A	B	C
URBAN (LOW SPEED)*25 MPH OR LESS	100 FEET	100 FEET	100 FEET
URBAN (HIGH SPEED)*MORE THAN 25 MPH TO 40 MPH	250 FEET	250 FEET	250 FEET
URBAN (HIGH SPEED)*MORE THAN 40 MPH	350 FEET	350 FEET	350 FEET
RURAL	500 FEET	500 FEET	500 FEET
EXPRESSWAY/FREEWAY	1000 FEET	1000 FEET	1000 FEET

** THE COLUMN HEADING A, B, AND C ARE THE DIMENSIONS SHOWN IN FIGURES 6H-1 THROUGH 6H-46. THE A DIMENSION IS THE DISTANCE FROM THE TRANSITION OR POINT OF FRICTION TO FIRST SIGN. THE B DIMENSION IS THE DISTANCE BETWEEN THE FIRST AND SECOND SIGNS. THE C DIMENSION IS THE DISTANCE BETWEEN THE SECOND AND THIRD SIGN. (THE THIRD SIGN IS THE FIRST ONE IN THE THREE-SIGN SERIES ENCOUNTERED BY A DRIVER APPROACHING A TTC ZONE.)



AFL Network Services
A Fujikura Business

THIS JOB WAS ENGINEERED AND DRAWN BY AFL NETWORK SERVICES UNDER CONTRACT TO AT&T. FOR QUESTIONS AND ASSISTANCE ON THIS JOB PLEASE CALL ENGINEER AS NOTED IN TITLE BOX.

CONST ARC _____ COMP _____

GEO/CD UE76

EXCH SKTNCA14

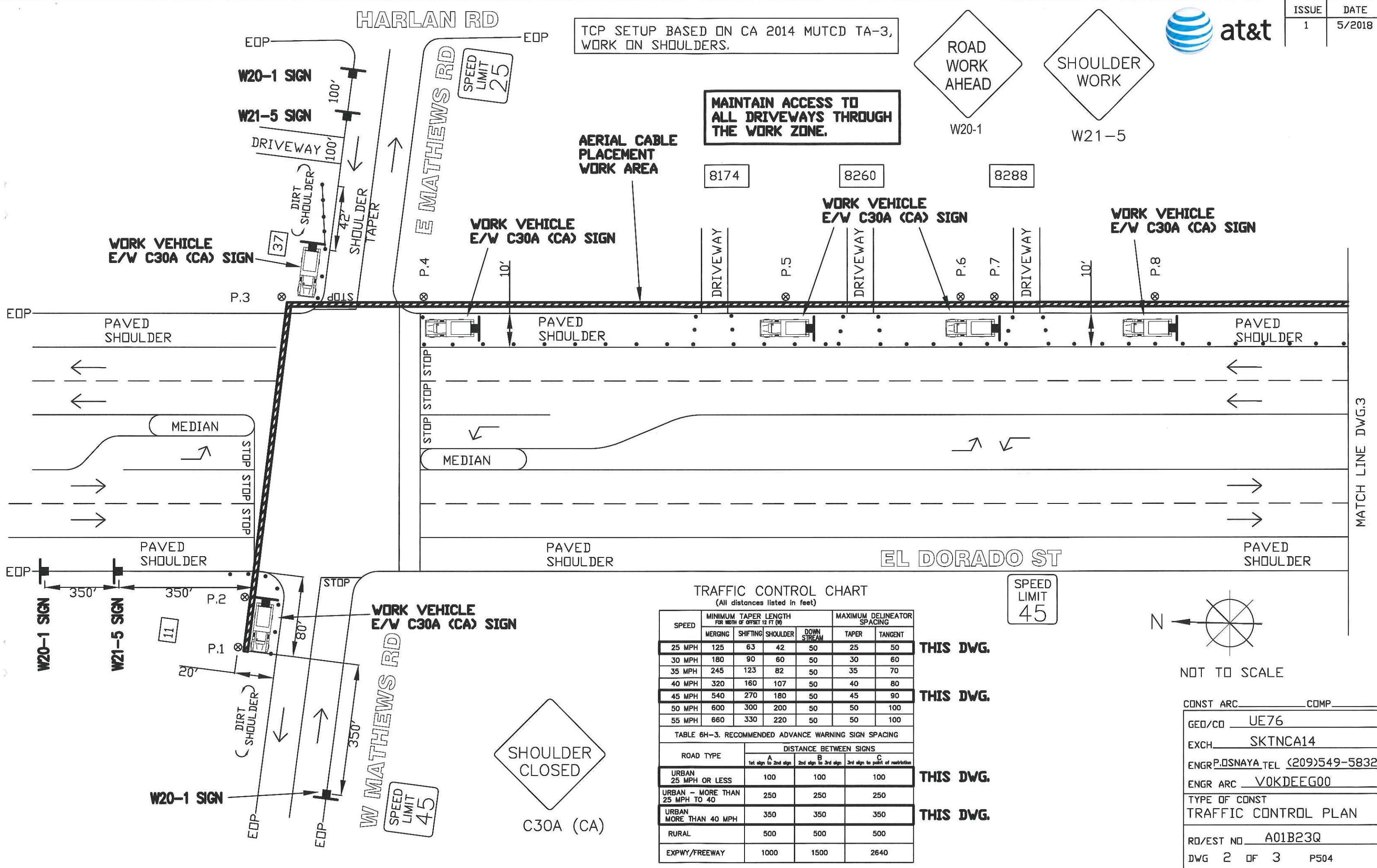
ENGR P. OSNAYA TEL (209)549-5832

ENGR ARC VOKDEEG00

TYPE OF CONST TRAFFIC CONTROL PLAN

RD/EST NO A01B23Q

DWG 1 OF 3 P504



TCP SETUP BASED ON CA 2014 MUTCD TA-3,
WORK ON SHOULDERS.

MAINTAIN ACCESS TO
ALL DRIVEWAYS THROUGH
THE WORK ZONE.



W20-1

W21-5

8174

8260

8288

WORK VEHICLE
E/W C30A (CA) SIGN

WORK VEHICLE
E/W C30A (CA) SIGN

WORK VEHICLE
E/W C30A (CA) SIGN

WORK VEHICLE
E/W C30A (CA) SIGN

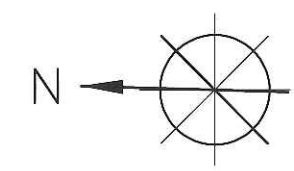
TRAFFIC CONTROL CHART
(All distances listed in feet)

SPEED	MINIMUM TAPER LENGTH FOR WIDTH OF OFFSET 12 FT (W)				MAXIMUM DELINEATOR SPACING	
	MERGING	SHIFTING	SHOULDER	DOWN STREAM	TAPER	TANGENT
25 MPH	125	63	42	50	25	50
30 MPH	180	90	60	50	30	60
35 MPH	245	123	82	50	35	70
40 MPH	320	160	107	50	40	80
45 MPH	540	270	180	50	45	90
50 MPH	600	300	200	50	50	100
55 MPH	660	330	220	50	50	100

TABLE 6H-3. RECOMMENDED ADVANCE WARNING SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS		
	1st sign to 2nd sign	2nd sign to 3rd sign	3rd sign to point of restriction
URBAN 25 MPH OR LESS	100	100	100
URBAN - MORE THAN 25 MPH TO 40	250	250	250
URBAN MORE THAN 40 MPH	350	350	350
RURAL	500	500	500
EXPWY/FREEWAY	1000	1500	2640

SPEED
LIMIT
45



NOT TO SCALE

CONST ARC _____ COMP _____

GEO/CO UE76

EXCH SKTNCA14

ENGR P. OSNAYA TEL (209) 549-5832

ENGR ARC VOKDEEG00

TYPE OF CONST
TRAFFIC CONTROL PLAN

RD/EST NO. A01B23Q

DWG 2 OF 3 P504

THIS DWG.

THIS DWG.

THIS DWG.

THIS DWG.



SPEED
LIMIT
45



TCP SETUP BASED ON CA 2014 MUTCD TA-3,
WORK ON SHOULDERS.

**MAINTAIN ACCESS TO
ALL DRIVEWAYS THROUGH
THE WORK ZONE.**

**NOTE: CONTRACTOR TO COORDINATE WORK WITH
CALTRANS DISTRICT 10 FOR ADVANCE WARNING SIGNS
PLACED IN CALTRANS R.O.W. (I-5 OFF RAMP). NO
CALTRANS APPLICATION REQUIRED - WORK COVERED
ON ANNUAL BLANKET PERMIT.**

