

**STATE OF CALIFORNIA
CALIFORNIA DEPARTMENT OF TRANSPORTATION
SUBMITTED BY FORT BRAGG POLICE
DEPARTMENT
AUTOMATIC LICENSE PLATE READING
(ALPR) CAMERAS PERMIT**



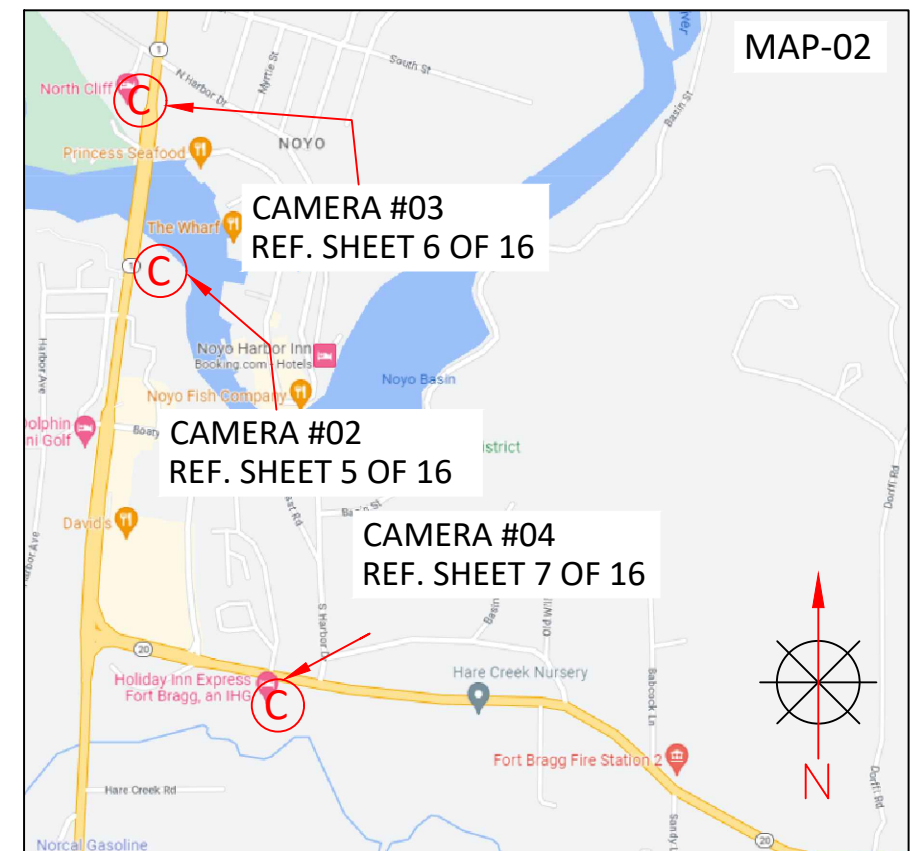
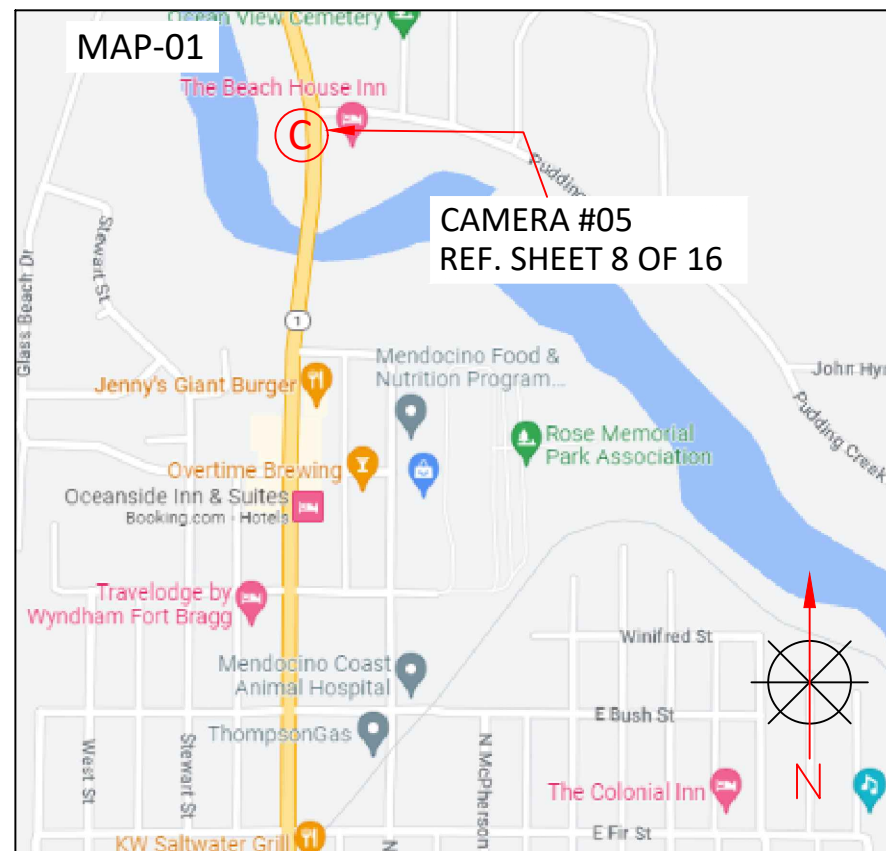
INDEX OF DRAWINGS

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- SHEET 2 : GENERAL NOTES AND TRAFFIC DESIGN TABLES
- SHEET 3 : GRADING PLAN AND CONSTRUCTION BEST MANAGEMENT PRACTICES
- SHEET 4 : CAMERA LOCATION INFORMATION
- SHEET 5-8 : SITE PLAN
- SHEET 9-13 : TRAFFIC CONTROL PLAN
- SHEET 14-16 : POLE DETAILS

LOCATION / VICINITY MAP

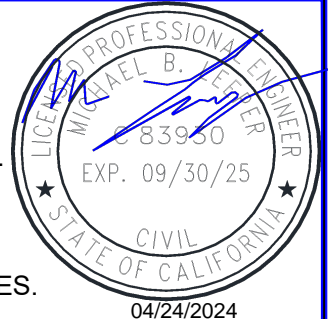


CALTRANS TCP DRAWING



	REV	DESCRIPTION	DATE	BY	TITLE:	PLANS PREPARED BY:	PROJ#:
	01	UPDATED AS REQUESTED	01/24/2024	A.K.	COVER SHEET AND CAMERA LOCATION MAP	 A CONGRUEX COMPANY 9095 Rio San Diego Dr, Ste 165 San Diego, CA 92108-1694 (949) 250-0004 / FAX (949) 250-0006	294625
	02	UPDATED AS REQUESTED	04/17/2024	J.O.	SCOPE OF WORK:		DRAWN BY: PARAV PARBHAKAR
	03	UPDATED AS REQUESTED	04/24/2024	J.O.	CALTRANS (DISTRICT 1), CA ALPR CAMERA INSTALLATION		CHECKED BY: RAMANDEEP SINGH
					APPROVED BY: DANIEL CAMPOS		
							DATE: 02/22/2023 SHEET: 1 OF 16

GENERAL NOTES AND TRAFFIC DESIGN TABLES



1. TRAFFIC CONTROL PLAN SHALL CONFORM TO THE MOST CURRENT CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND STATE STANDARD PLANS.
2. NO LANE CLOSURES PERMITTED BEFORE 9:00AM AND AFTER 3:00PM.
3. ALL AFFECTED RESIDENTS, BUSINESSES, AGENCIES, AND SCHOOLS SHALL BE GIVEN A 72 HOURS NOTICE PRIOR TO THE START OF WORK AND THEIR ACCESS SHALL BE MAINTAINED AT ALL TIMES.
4. TEMPORARY NO PARKING SIGNS SHALL BE POSTED 48 HOURS PRIOR TO START OF WORK.
5. ALL CONFLICTING SIGNS, STRIPING OR PAVEMENT MARKINGS SHALL BE COVERED OR REMOVED AND REPLACED WHEN WORK IS COMPLETED.
6. TRAFFIC DIRECTION THROUGH A SIGNALIZED INTERSECTION SHALL BE CONDUCTED BY THE CITY OF FORT BRAGG UNIFORMED POLICE OFFICER OR A COMMUNITY SERVICE OFFICER ONLY. SHOULD WORK REQUIRE A SIGNAL TO BE OVERRIDDEN, ARRANGEMENT SHALL BE MADE WITH THE CITY POLICE DEPT AND TRANSPORTATION ENGINEERING DEPT AT LEAST 14 DAYS PRIOR TO START OF WORK.

Table A - Recommended Advance Warning Sign Spacing

Posted Speed	Distance Between Signs **		
POSTED SPEED	A	B	C
Urban 25 mph or less***	100	100	100
Urban more than 25 mph to 40 mph***	250	250	250
Urban more than 40 mph***	350	350	350
Rural	500	500	500
Expressway/Freeway	1,000	1,500	2,640

Table B - Taper Length Criteria for Temporary Traffic Control Zones

Type of Taper	Taper Length (L)
Merging Taper	at least L
Shifting Taper	at least 0.5L
Shoulder Taper	at least 0.33L
One-Lane, Two-Way Traffic Taper	50 feet minimum, 100 feet maximum
Downstream taper	50 feet min., 100 feet max. per lane

Table C - Formulas for Determining Taper Lengths

Speed Limit	Taper Length (L) Feet
40 mph or less	$L = WS^2/60$
45 mph or more	$L = WS$

Where: L = taper length in feet
 W = width of offset feet
 S = posted speed limit, or off peak 85th- percentile speed prior to work starting. Or the anticipated operating speed in mph

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Table D – Longitudinal Buffer Space or Flagger Station Spacing on Downgrades

Speed (mph)	% Downgrade (Buffer Space)			
	Level Road 0% (ft)	-3% (ft)	-6% (ft)	-9% (ft)
20	115	116	120	126
25	155	158	165	173
30	200	205	215	227
35	250	257	271	287
40	305	315	333	354
45	360	378	400	427
50	425	446	474	507
55	495	520	553	593
60	570	598	638	686
65	645	682	728	785
70	730	771	825	891

Table E – Taper Length Criteria for Temporary Traffic Control Zones (for 12 feet Offset Width)

Speed* S (mph)	Minimum Taper Length ** For Width of Offset 12 ft (W)			
	Merging L (ft)	Shifting L/2 (ft)	Shoulder L/3 (ft)	Down Stream (ft) ***
20	80	40	27	50
25	125	63	42	50
30	180	90	60	50
35	245	123	82	50
40	320	160	107	50
45	540	270	180	50
50	600	300	200	50
55	660	330	220	50
60	720	360	240	50
65	780	390	260	50
70	840	420	280	50

Table F – Maximum Spacing of Channelizing Devices

Speed (mph)	Maximum Channelizer Spacing		
	Taper* (ft)	Tangent (ft)	Conflict** (ft)
20	20	40	10
25	25	50	12
30	30	60	15
35	35	70	17
40	40	80	20
45	45	90	22
50	50	100	25
55	55	110	27
60	60	120	30
65	65	130	32
70	70	140	35



REV	DESCRIPTION	DATE	BY
01	UPDATED AS REQUESTED	01/24/2024	A.K.
02	UPDATED AS REQUESTED	04/17/2024	J.O.
03	UPDATED AS REQUESTED	04/24/2024	J.O.

TITLE: GENERAL NOTES AND TRAFFIC DESIGN TABLES
 SCOPE OF WORK: CALTRANS (DISTRICT 1), CA ALPR CAMERA INSTALLATION

PLANS PREPARED BY:
CHC
 A CONGRUEX COMPANY
 9095 Rio San Diego Dr, Ste 165
 San Diego, CA 92108-1694
 (949) 250-0004 / FAX (949) 250-0006

PROJ#: 294625
 DRAWN BY: PARAV PARBHAKAR
 CHECKED BY: RAMANDEEP SINGH
 APPROVED BY: DANIEL CAMPOS
 DATE: 02/22/2023 SHEET: 2 OF 16

GRADING PLAN AND CONSTRUCTION BEST MANAGEMENT PRACTICES

1. NO CONSTRUCTION TO OCCUR DURING RAIN. CONTRACTOR WILL CHECK NOAA TO CONFIRM THAT NO RAIN FORECAST WITHIN 72 HOURS OF CONSTRUCTION DATE.
2. MINIMIZE GROUND DISTURBANCE, ALL DIRT THAT IS DUG UP EITHER BE REMOVED OR PLACED BACK INTO HOLE.
3. MINIMIZE GROUND DISTURBANCE TO PROTECT VEGETATION AND PROMOTE RE-VEGETATION BY ADDING GRASS SEED.
4. MINIMIZE GROUND DISTURBANCE TO PREVENT RELEASE OF SEDIMENT OR EROSION.

CALTRANS TCP DRAWING



04/24/2024

flock safety	REV	DESCRIPTION	DATE	BY	TITLE: GRADING PLAN AND CONSTRUCTION BEST MANAGEMENT PRACTICE	PLANS PREPARED BY: A CONGRUEX COMPANY 9095 Rio San Diego Dr, Ste 165 San Diego, CA 92108-1694 (949) 250-0004 / FAX (949) 250-0006	PROJ#: 294625
	01	UPDATED AS REQUESTED	01/24/2024	A.K.	SCOPE OF WORK: CALTRANS (DISTRICT 1), CA ALPR CAMERA INSTALLATION		DRAWN BY: PARAV PARBHAKAR
	02	UPDATED AS REQUESTED	04/17/2024	J.O.			CHECKED BY: RAMANDEEP SINGH
	03	UPDATED AS REQUESTED	04/24/2024	J.O.			APPROVED BY: DANIEL CAMPOS
						DATE: 02/22/2023 SHEET: 3 OF 16	

CAMERA LOCATION INFORMATION

CAMERA NO.	LOCATIONS			
	STREET	DIRECTION	LATITUDE, LONGITUDE	POLE
02	S MAIN ST.(CA-01)	NORTHBOUND	39.42599558305044,-123.80692681254025	X SQRD REDITORQUE - DOT POLE
03	S MAIN ST.(CA-01)	NORTHBOUND	39.429193325252584,-123.80670278595338	X SQRD REDITORQUE - DOT POLE
04	FORT BRAGG WILLITS RD.(CA-20)	WESTBOUND	39.41948049218836,-123.80463505191125	X SQRD REDITORQUE - DOT POLE
05	N MAIN ST.(CA-01)	SOUTHBOUND	39.45346988173295,-123.8058940353017	X SQRD REDITORQUE - DOT POLE



04/24/2024

CALTRANS TCP DRAWING

flock safety

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01	UPDATED AS REQUESTED	01/24/2024	A.K.
02	UPDATED AS REQUESTED	04/17/2024	J.O.
03	UPDATED AS REQUESTED	04/24/2024	J.O.

TITLE: CAMERA LOCATION INFORMATION	
SCOPE OF WORK: CALTRANS (DISTRICT 1), CA ALPR CAMERA INSTALLATION	

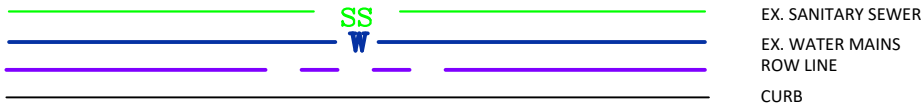
PLANS PREPARED BY:
CHC
A CONGRUEX COMPANY
 9095 Rio San Diego Dr. Ste 165
 San Diego, CA 92108-1694
 (949) 250-0004 / FAX (949) 250-0006

PROJ#: 294625
DRAWN BY: PARAV PARBHAKAR
CHECKED BY: RAMANDEEP SINGH
APPROVED BY: DANIEL CAMPOS
DATE: 02/22/2023 SHEET: 4 OF 16

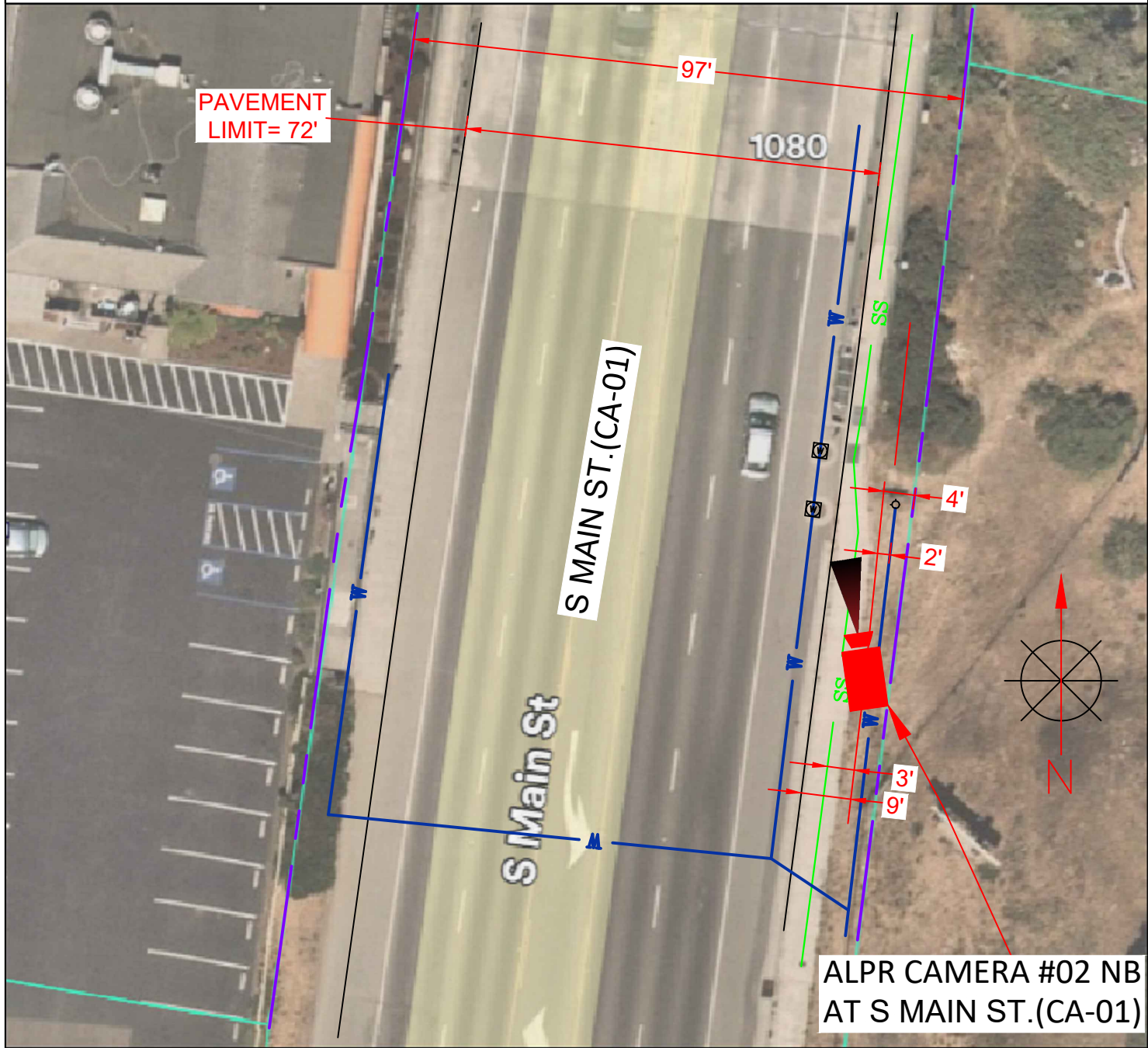
SITE PLAN

LINE LEGENDS

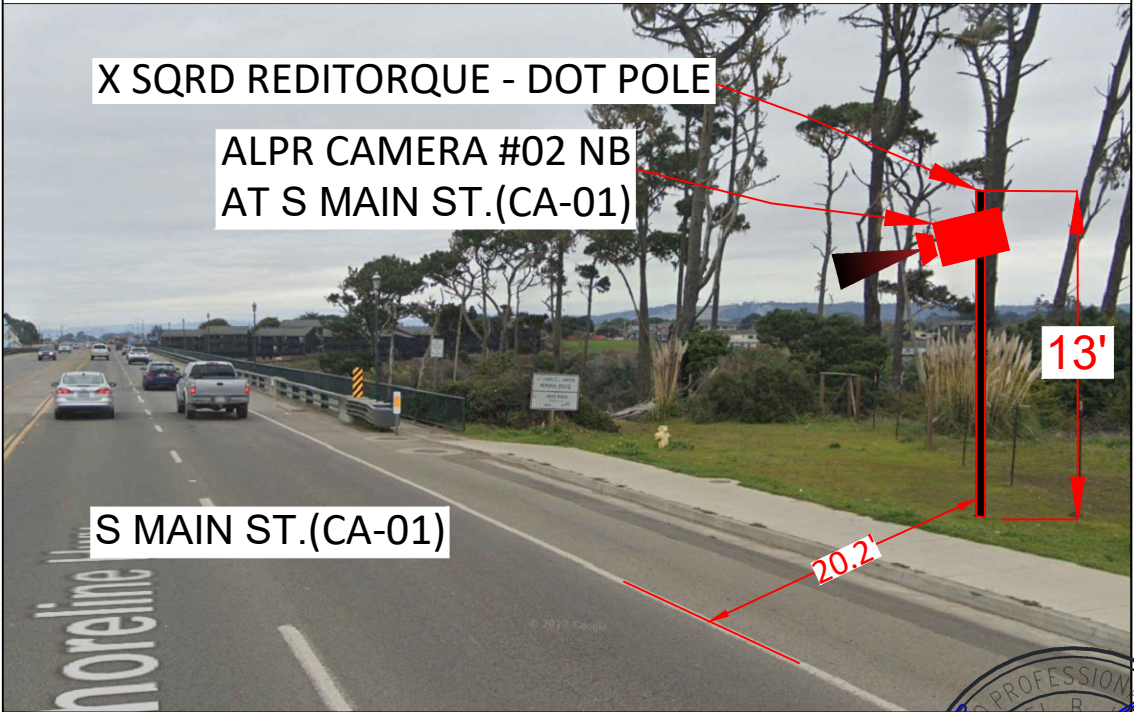
SITE ADDRESS : 1011 S MAIN ST., FORT BRAGG, CA 95437



AERIAL VIEW



STREET VIEW



CALTRANS TCP DRAWING

ROUTE :1
 DISTRICT :1
 BPM :56.73
 EPM :64.16
 POSTMILE :MEN 60.425



SYMBOLS	
	TRANSFORMER
	STREET LIGHT
	TRAFFIC SIGNAL COMBINATION
	EXISTING POLE
	EXISTING VAULT
	EXISTING PEDESTAL
	EXISTING IRRIGATION VAULT
	EXISTING UTILITY VAULT/PEDESTAL
	GAS/WATER VALVE
	TREE/BUSHES
	STREET SIGN
	FIRE HYDRANT
	MONUMENT
	CATCH BASIN
	STORM DRAIN MANHOLE
	WATER MANHOLE
	SANITARY SEWER MANHOLE
	SEWER CLEAN OUT
	ELECTRIC MANHOLE
	UNIDENTIFIED MANHOLE
	WATER METER
	GAS METER



REV	DESCRIPTION	DATE	BY
01	UPDATED AS REQUESTED	01/24/2024	A.K.
02	UPDATED AS REQUESTED	04/17/2024	J.O.
03	UPDATED AS REQUESTED	04/24/2024	J.O.

TITLE: SITE PLAN
 SCOPE OF WORK: CALTRANS (DISTRICT 1), CA ALPR CAMERA INSTALLATION

PLANS PRE.O.P.ARED BY:
CHC
 A CONGRUEX COMPANY
 9095 Rio San Diego Dr, Ste 165
 San Diego, CA 92108-1694
 (949) 250-0004 / FAX (949) 250-0006

PROJ#: 294625
 DRAWN BY: PARAV PARBHAKAR
 CHECKED BY: RAMANDEEP SINGH
 APPROVED BY: DANIEL CAMPOS
 DATE: 02/22/2023 SHEET: 5 OF 16

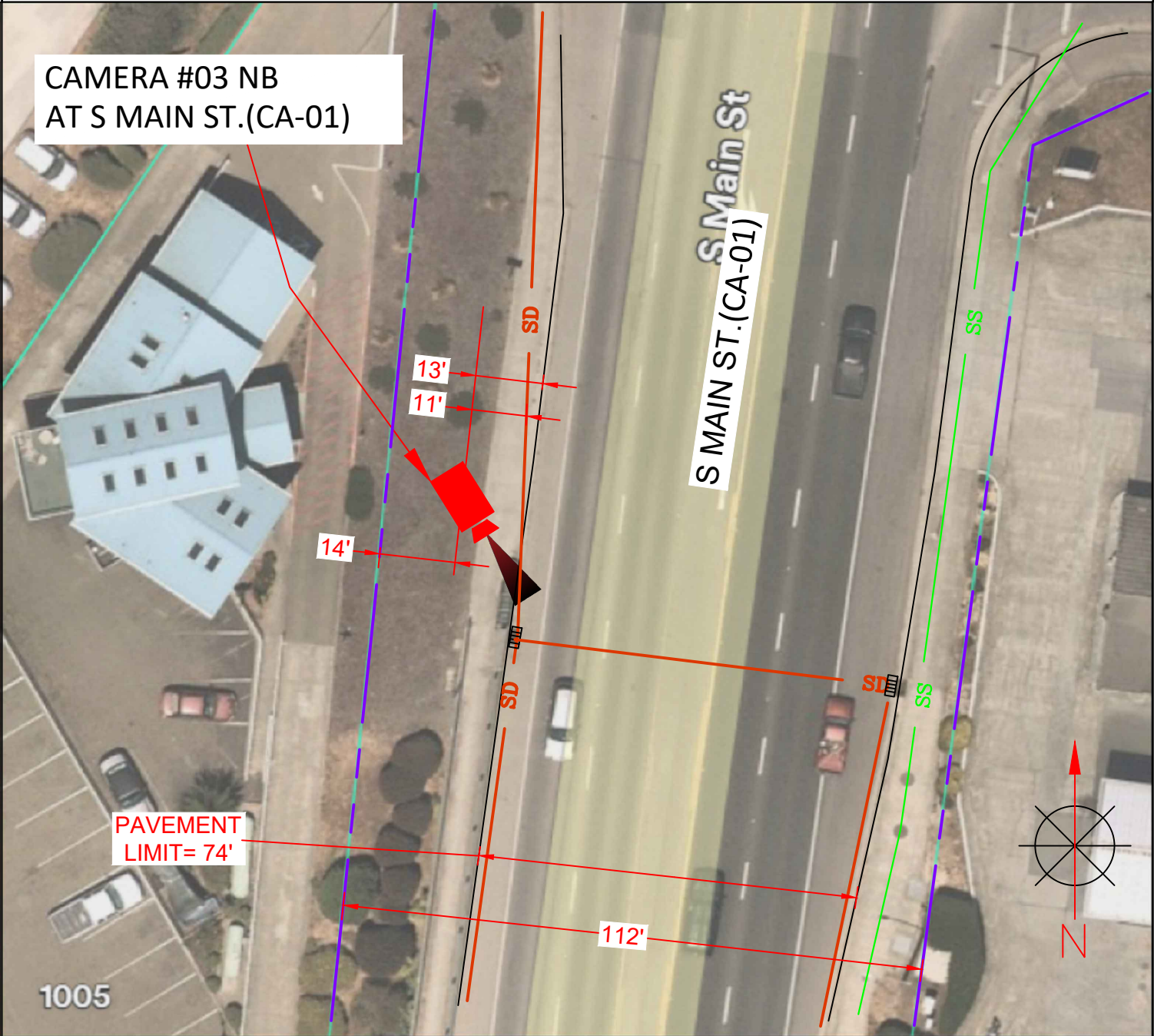
SITE PLAN

LINE LEGENDS

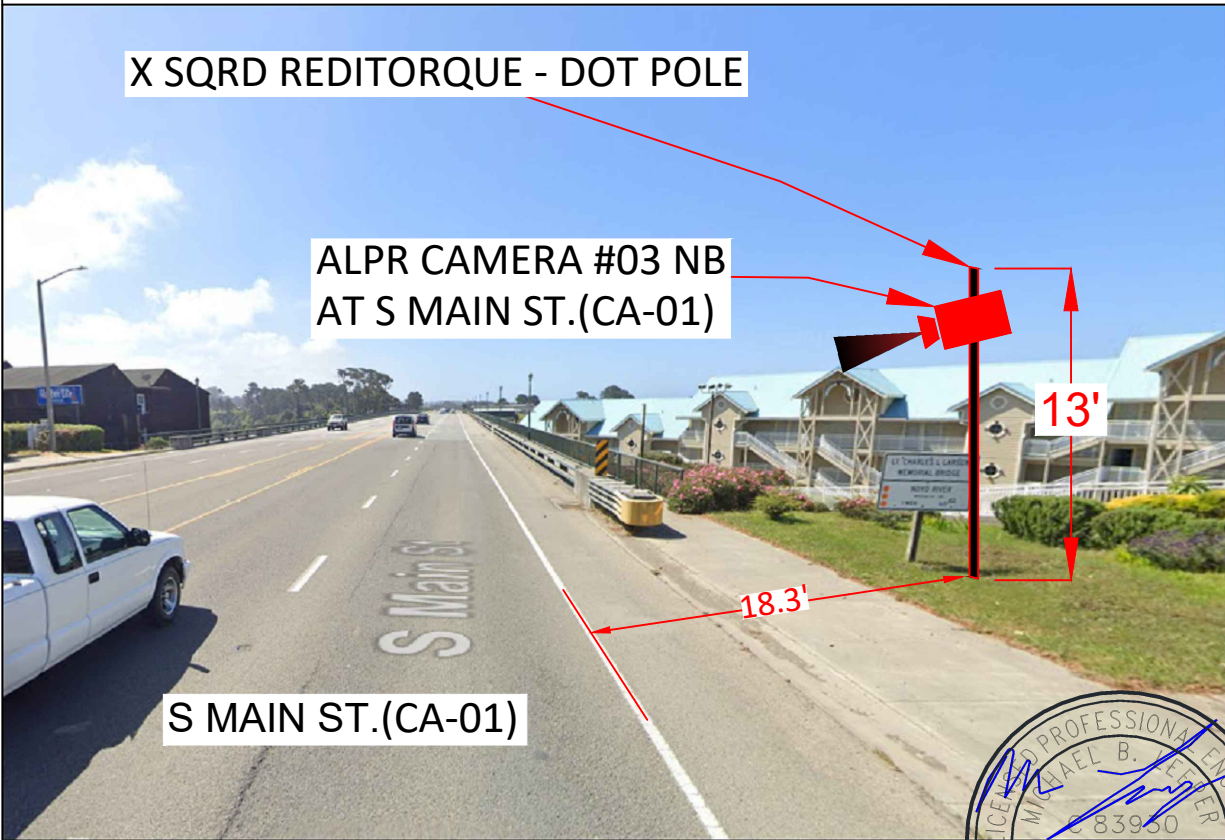
	SS		EX. SANITARY SEWER
	SD		EXISTING STORM DRAIN
			ROW LINE
			CURB

SITE ADDRESS : 1005 S MAIN ST., FORT BRAGG, CA 95437

AERIAL VIEW



STREET VIEW



CALTRANS TCP DRAWING

ROUTE :1
 DISTRICT :1
 BPM :56.73
 EPM :64.16
 POSTMILE :MEN 60.38



SYMBOLS			
	TRANSFORMER		FIRE HYDRANT
	STREET LIGHT		MONUMENT
	TRAFFIC SIGNAL COMBINATION		CATCH BASIN
	EXISTING POLE		STORM DRAIN MANHOLE
	EXISTING VAULT		WATER MANHOLE
	EXISTING PEDESTAL		SANITARY SEWER MANHOLE
	EXISTING IRRIGATION VAULT		SEWER CLEAN OUT
	EXISTING UTILITY VAULT/PEDESTAL		ELECTRIC MANHOLE
	GAS/WATER VALVE		UNIDENTIFIED MANHOLE
	TREE/BUSHES		WATER METER
	STREET SIGN		GAS METER



REV	DESCRIPTION	DATE	BY
01	UPDATED AS REQUESTED	01/24/2024	A.K.
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03	UPDATED AS REQUESTED	04/24/2024	J.O.

TITLE:	SITE PLAN
SCOPE OF WORK:	CALTRANS (DISTRICT 1), CA ALPR CAMERA INSTALLATION

PLANS PRE.O.P.ARED BY:



PROJ#:	294625
DRAWN BY:	PARAV PARBHAKAR
CHECKED BY:	RAMANDEEP SINGH
APPROVED BY:	DANIEL CAMPOS
DATE:	02/22/2023
SHEET:	6 OF 16

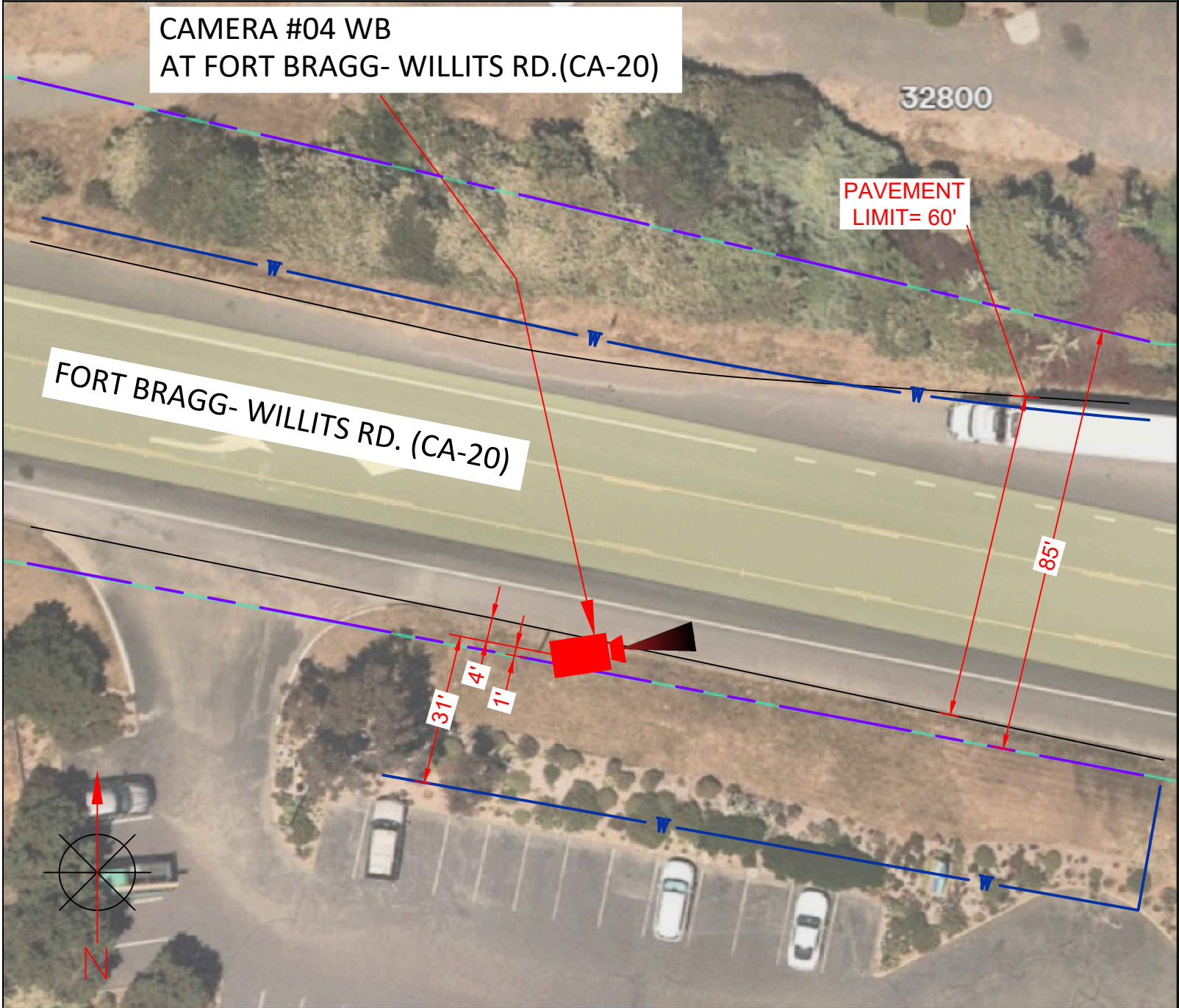
SITE PLAN

LINE LEGENDS

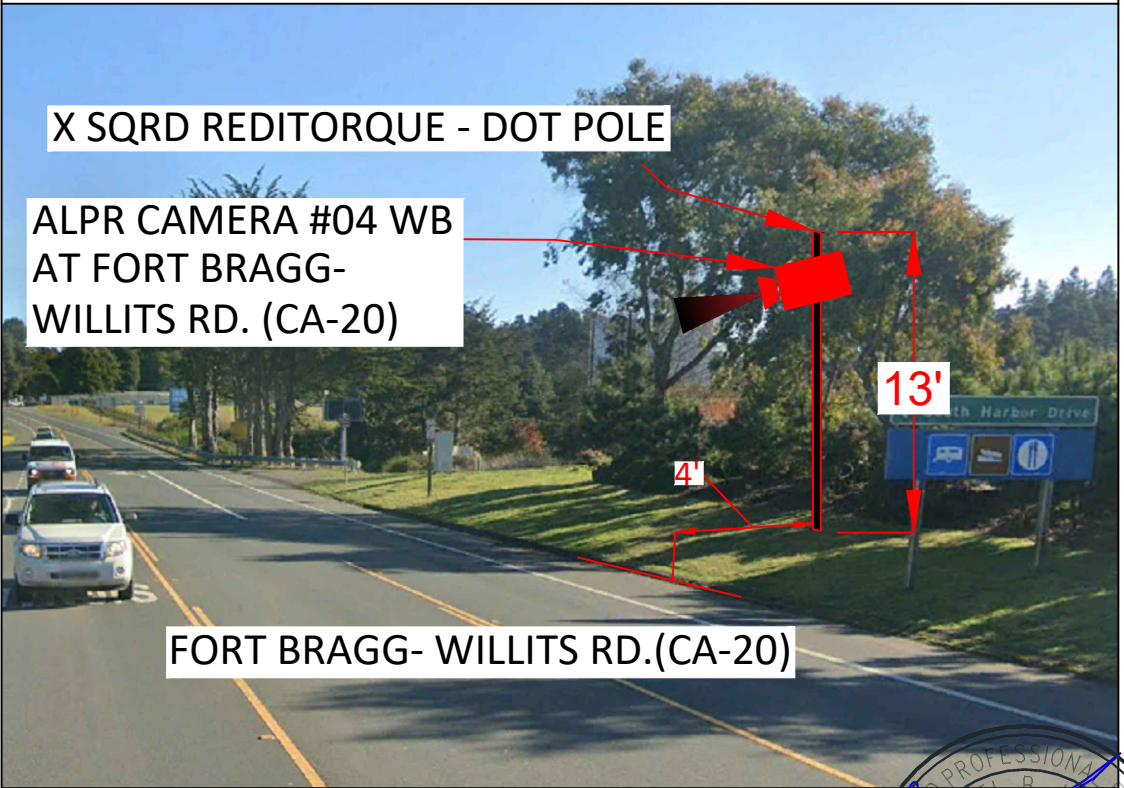
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AERIAL VIEW



STREET VIEW



CALTRANS TCP DRAWING



ROUTE	:20
DISTRICT	:1
BPM	:0.00
EPM	:0.45
POSTMILE	:MEN 0.735

SYMBOLS	
	TRANSFORMER
	STREET LIGHT
	TRAFFIC SIGNAL COMBINATION
	EXISTING POLE
	EXISTING VAULT
	EXISTING PEDESTAL
	EXISTING IRRIGATION VAULT
	EXISTING UTILITY VAULT/PEDESTAL
	GAS/WATER VALVE
	TREE/BUSHES
	STREET SIGN
	FIRE HYDRANT
	MONUMENT
	CATCH BASIN
	STORM DRAIN MANHOLE
	WATER MANHOLE
	SANITARY SEWER MANHOLE
	SEWER CLEAN OUT
	ELECTRIC MANHOLE
	UNIDENTIFIED MANHOLE
	WATER METER
	GAS METER



REV	DESCRIPTION	DATE	BY
01	UPDATED AS REQUESTED	01/24/2024	A.K.
02	UPDATED AS REQUESTED	04/17/2024	J.O.
03	UPDATED AS REQUESTED	04/24/2024	J.O.

TITLE: SITE PLAN
 SCOPE OF WORK: CALTRANS (DISTRICT 1), CA ALPR CAMERA INSTALLATION

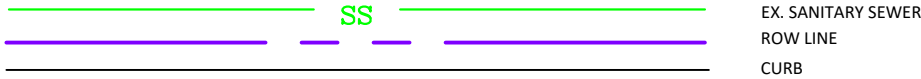
PLANS PRE.O.P.ARED BY:
CHC
 A CONGRUEX COMPANY
 9095 Rio San Diego Dr. Ste 165
 San Diego, CA 92108-1694
 (949) 250-0004 / FAX (949) 250-0006

PROJ#: 294625
 DRAWN BY: PARAV PARBHAKAR
 CHECKED BY: RAMANDEEP SINGH
 APPROVED BY: DANIEL CAMPOS
 DATE: 02/22/2023 SHEET: 7 OF 16

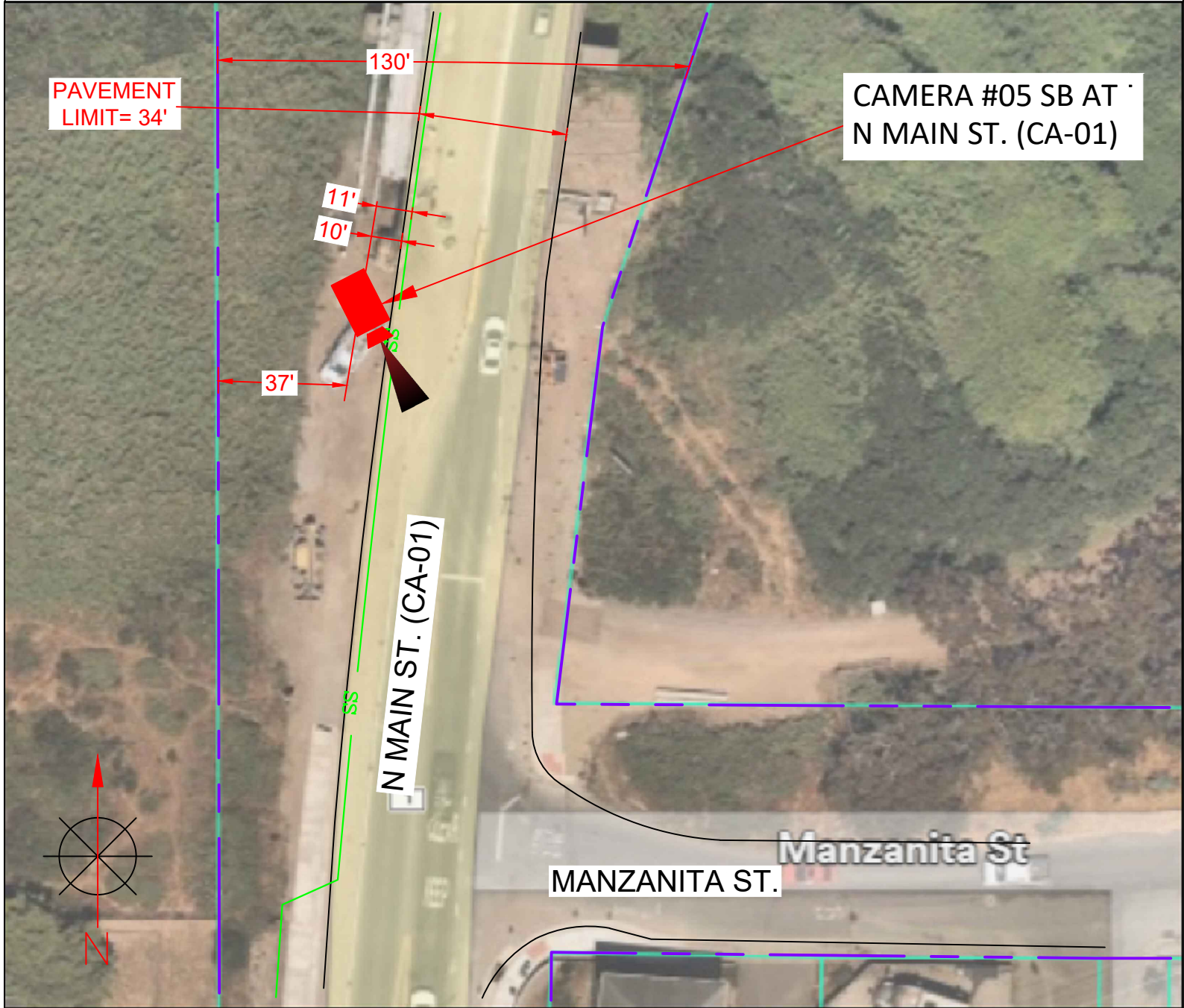
SITE PLAN

LINE LEGENDS

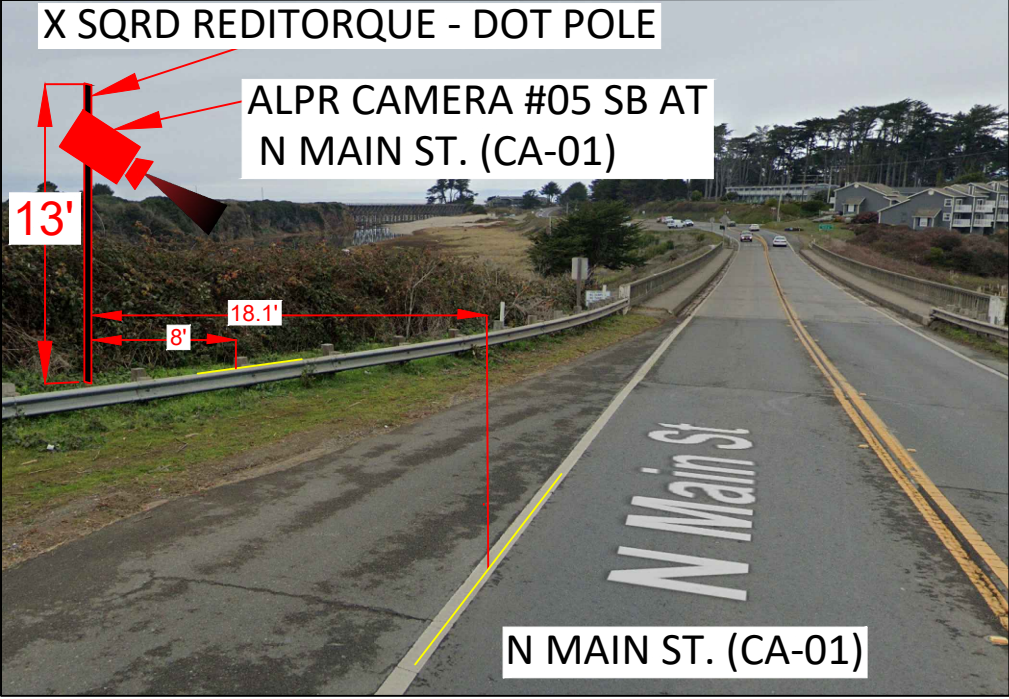
SITE ADDRESS : 1011 N MAIN ST., FORT BRAGG, CA 95437



AERIAL VIEW

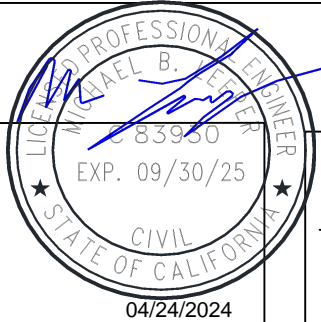


STREET VIEW



CALTRANS TCP DRAWING

ROUTE :1
 DISTRICT :1
 BPM :56.73
 EPM :64.16
 POSTMILE :MEN 62.109



SYMBOLS			
	TRANSFORMER		FIRE HYDRANT
	STREET LIGHT		MONUMENT
	TRAFFIC SIGNAL COMBINATION		CATCH BASIN
	EXISTING POLE		STORM DRAIN MANHOLE
	EXISTING VAULT		WATER MANHOLE
	EXISTING PEDESTAL		SANITARY SEWER MANHOLE
	EXISTING IRRIGATION VAULT		SEWER CLEAN OUT
	EXISTING UTILITY VAULT/PEDESTAL		ELECTRIC MANHOLE
	GAS/WATER VALVE		UNIDENTIFIED MANHOLE
	TREE/BUSHES		WATER METER
	STREET SIGN		GAS METER



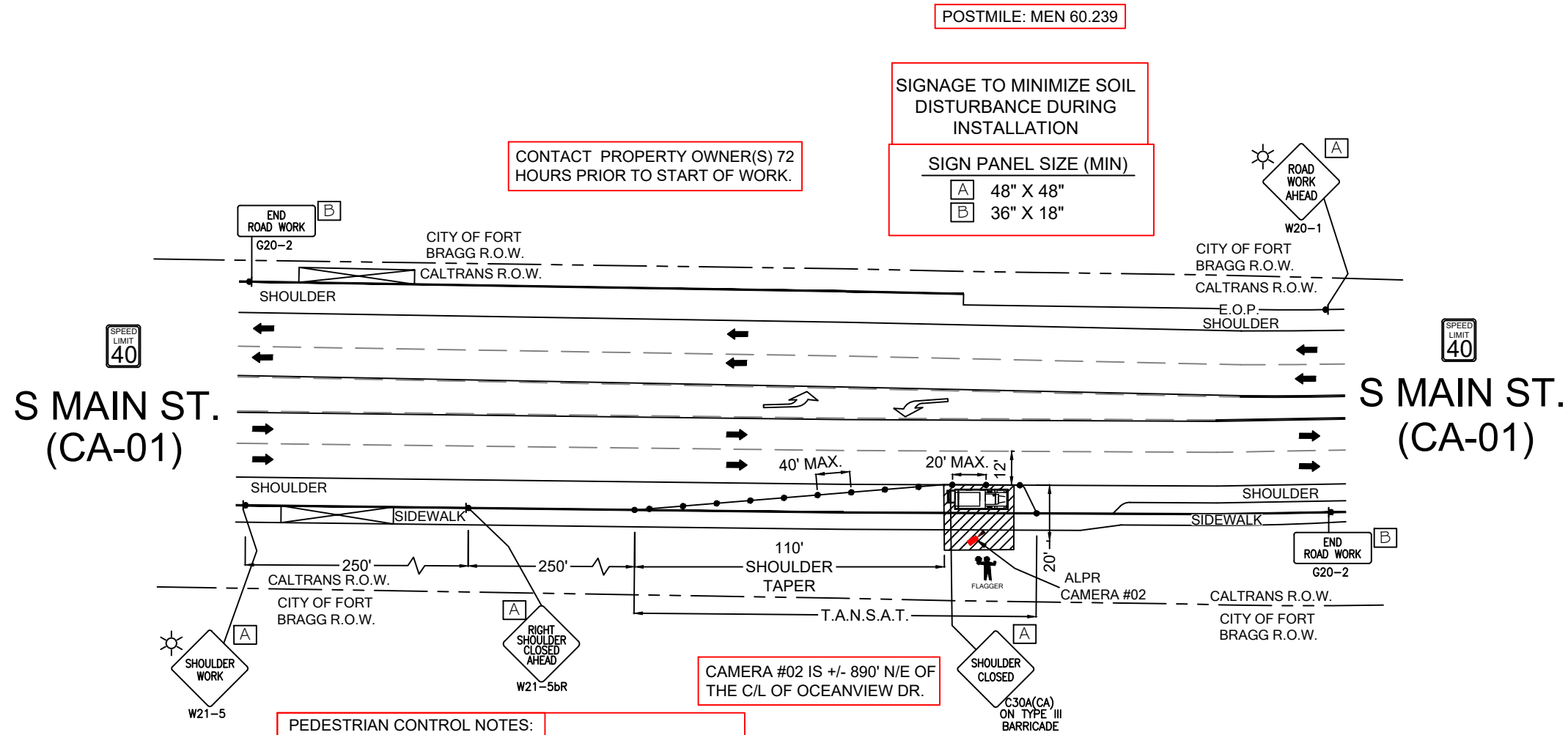
REV	DESCRIPTION	DATE	BY
01	UPDATED AS REQUESTED	01/24/2024	A.K.
02	UPDATED AS REQUESTED	04/17/2024	J.O.
03	UPDATED AS REQUESTED	04/24/2024	J.O.

TITLE: SITE PLAN
 SCOPE OF WORK: CALTRANS (DISTRICT 1), CA ALPR CAMERA INSTALLATION

PLANS PRE.O.P.ARED BY:
CHC
 A CONGRUEX COMPANY
 9095 Rio San Diego Dr. Ste 165
 San Diego, CA 92108-1694
 (949) 250-0004 / FAX (949) 250-0006

PROJ#: 294625
 DRAWN BY: PARAV PARBHAKAR
 CHECKED BY: RAMANDEEP SINGH
 APPROVED BY: DANIEL CAMPOS
 DATE: 02/22/2023 SHEET: 8 OF 16

**1011 S MAIN ST.(CA-01)
S MAIN ST.(CA-01) AND OCEAN VIEW DR.**
-ALPR CAMERA #02 PLACEMENT
WORK AREA 1 OF 4
POSTMILE: MEN 60.239

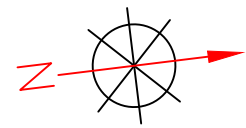


PEDESTRIAN CONTROL NOTES:

A DEDICATED INDIVIDUAL WILL BE ASSIGNED THE RESPONSIBILITY OF ESCORTING PEDESTRIANS THROUGH THE WORK AREA IN ACCORDANCE WITH THREE MAJOR CONSIDERATIONS:

1. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH WORK SITE VEHICLES, EQUIPMENT OR OPERATIONS
2. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH MAINLINE TRAFFIC MOVING THROUGH OR AROUND THE WORK SITE.
3. PEDESTRIANS SHOULD BE PROVIDED WITH A REASONABLY SAFE, CONVENIENT AND ACCESSIBLE PATH THAT RE.O.P.LICATES AS NEARLY AS PRACTICAL THE MOST DESIRABLE CHARACTERISTICS OF THE EXISTING SIDEWALK OR FOOTPATH

FLAGGER TO ASSIST PEDESTRIANS THROUGH WORK AREA (SEE PED NOTES)



SCALE: 1" = 50'

CALTRANS TCP DRAWING

POSTMILE MAP

Map Satellite

Postmile

County: MEN-Mendocino

Route: 1

Postmile: 60.239

Statewide Odometer: 686,206

Geo-Coordinates

Latitude: 39° 25' 34.9" N

Longitude: 123° 48' 24.6" W

Map showing Shoreline Hwy and Route 1.

LEGEND

- ☆ UNIFORMED POLICE OFFICER
- ☠ PORTABLE FLASHING BEACON (P.F.B.)
- ≡ TYPE III BARRICADE W/SIGN
- ≡ TYPE II BARRICADE W/SIGN
- CHANNELIZING DEVICE
- TRAFFIC CONE WITH CLIP ON SIGN
- ▬ TYPE I W/ SIGN
- ▬ EXISTING SIGN
- ⊙ SIGNALIZED INTERSECTION
- ⚡ FLASHING ARROW BOARD
- ⚡ HIGH LEVEL WARNING DEVICE (FLAGTREE)
- ⚡ FLAGGER
- TANSAT TOW AWAY NO STOPPING ANY TIME
- ▭ EXISTING DRIVEWAY
- ▨ WORK ZONE (ACTIVITY AREA) LIMITS
- DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)

REV	DESCRIPTION	DATE	BY
01	UPDATED AS REQUESTED	01/24/2024	A.K.
02	UPDATED AS REQUESTED	04/17/2024	J.O.
03	UPDATED AS REQUESTED	04/24/2024	J.O.

TITLE: **TRAFFIC CONTROL PLAN**

SCOPE OF WORK: **CALTRANS (DISTRICT 1), CA ALPR CAMERA INSTALLATION**

PLANS PRE.O.P.ARED BY:

CHC

A CONGRUEX COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#: 294625

DRAWN BY: PARAV PARBHAKAR

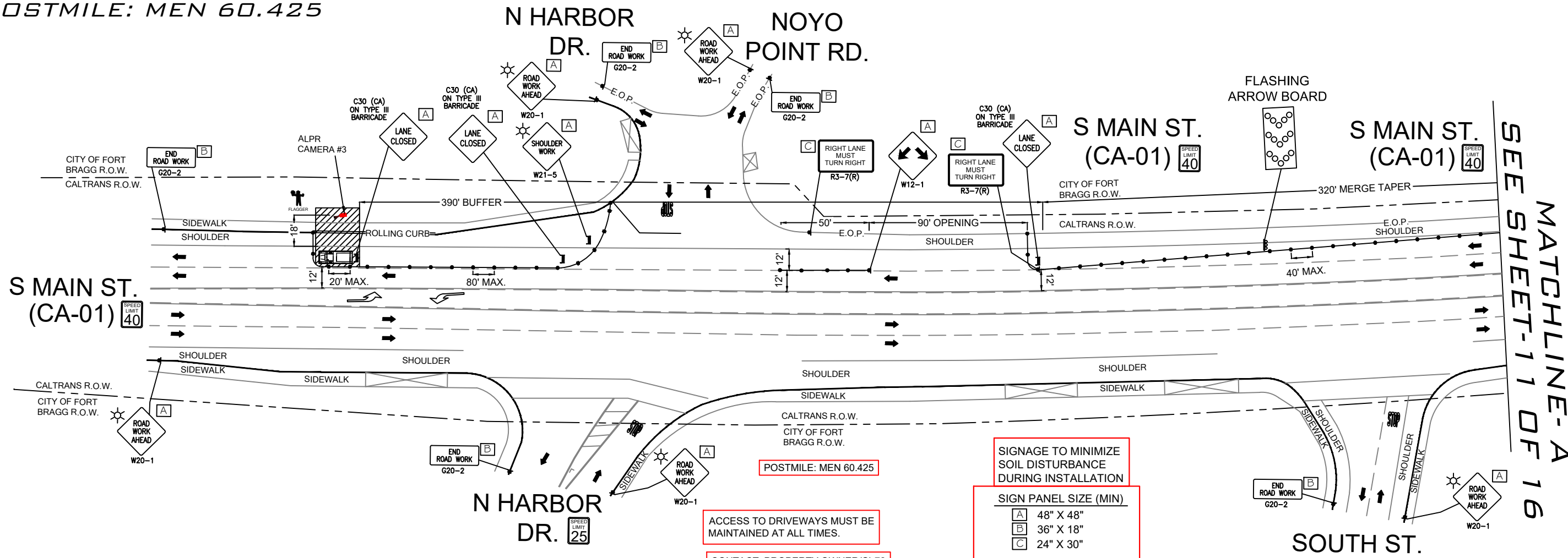
CHECKED BY: RAMANDEEP SINGH

APPROVED BY: DANIEL CAMPOS

DATE: 02/22/2023 SHEET: 9 OF 16



**2005 S MAIN ST.(CA-01)
S MAIN ST.(CA-01) AND N HARBOR DR.**
-ALPR CAMERA #03 PLACEMENT
WORK AREA 2 OF 4
POSTMILE: MEN 60.425



MATCHLINE-A
SEE SHEET-11 OF 16

LEGEND

- ☆ UNIFORMED POLICE OFFICER
- ☼ PORTABLE FLASHING BEACON (P.F.B.)
- ▬ TYPE III BARRICADE W/SIGN
- ▬ TYPE II BARRICADE W/SIGN
- CHANNELIZING DEVICE
- TRAFFIC CONE WITH CLIP ON SIGN
- ▬ TYPE I W/ SIGN
- ▬ EXISTING SIGN
- Ⓢ SIGNALIZED INTERSECTION
- ⚡ FLASHING ARROW BOARD
- ⚡ HIGH LEVEL WARNING DEVICE (FLAGTREE)
- ⚡ FLAGGER
- ⚡ TANSAT TOW AWAY NO STOPPING ANY TIME
- ▬ EXISTING DRIVEWAY
- ▬ WORK ZONE (ACTIVITY AREA) LIMITS
- DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)

PEDESTRIAN CONTROL NOTES:

A DEDICATED INDIVIDUAL WILL BE ASSIGNED THE RESPONSIBILITY OF ESCORTING PEDESTRIANS THROUGH THE WORK AREA IN ACCORDANCE WITH THREE MAJOR CONSIDERATIONS:

1. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH WORK SITE VEHICLES, EQUIPMENT OR OPERATIONS
2. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH MAINLINE TRAFFIC MOVING THROUGH OR AROUND THE WORK SITE.
3. PEDESTRIANS SHOULD BE PROVIDED WITH A REASONABLY SAFE, CONVENIENT AND ACCESSIBLE PATH THAT RE.O.P.LICATES AS NEARLY AS PRACTICAL THE MOST DESIRABLE CHARACTERISTICS OF THE EXISTING SIDEWALK OR FOOTPATH

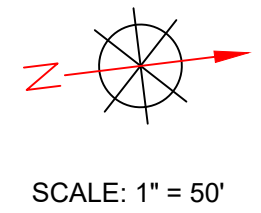
- ACCESS TO DRIVEWAYS MUST BE MAINTAINED AT ALL TIMES.
- CONTACT PROPERTY OWNER(S) 72 HOURS PRIOR TO START OF WORK.
- FLAGGER TO ASSIST PEDESTRIANS THROUGH WORK AREA (SEE PED NOTES)
- SIGNAGE TO MINIMIZE SOIL DISTURBANCE DURING INSTALLATION

SIGN PANEL SIZE (MIN)

A	48" X 48"
B	36" X 18"
C	24" X 30"



CALTRANS TCP DRAWING



POSTMILE MAP

Map Satellite

Postmile

County: MEN-Mendocino

Route: 1

Postmile: 60.425

Geo-Coordinates

Latitude: 39° 25' 44.9" N

Longitude: 123° 48' 22.2" W

Statewide Odometer: 596.392

Pomo Bluffs Park



REV	DESCRIPTION	DATE	BY
01	UPDATED AS REQUESTED	01/24/2024	A.K.
02	UPDATED AS REQUESTED	04/17/2024	J.O.
03	UPDATED AS REQUESTED	04/24/2024	J.O.

TITLE: TRAFFIC CONTROL PLAN

SCOPE OF WORK: CALTRANS (DISTRICT 1), CA ALPR CAMERA INSTALLATION

PLANS PRE.O.P.ARED BY:

CHC

A CONGRUEX COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#: 294625

DRAWN BY: PARAV PARBHAKAR

CHECKED BY: RAMANDEEP SINGH

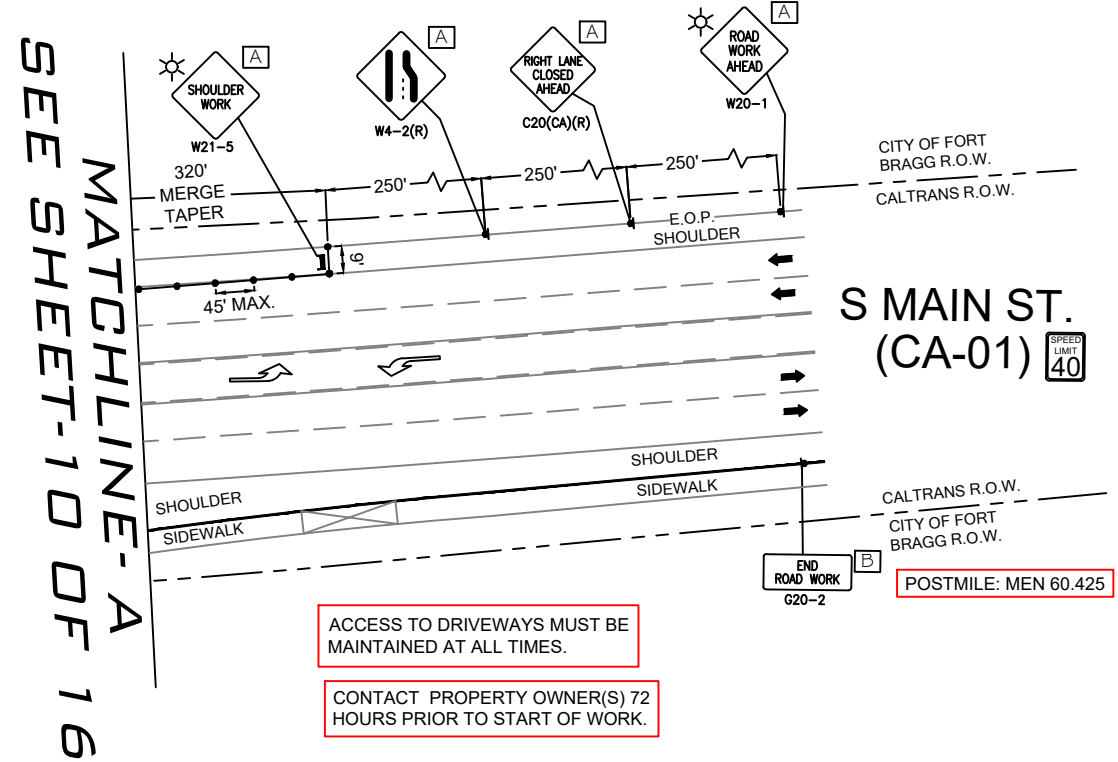
APPROVED BY: DANIEL CAMPOS

DATE: 02/22/2023 **SHEET:** 10 OF 16

**2005 S MAIN ST.(CA-01)
S MAIN ST.(CA-01) AND N HARBOR DR.**
-ALPR CAMERA #03 PLACEMENT
WORK AREA 2 OF 4
POSTMILE: MEN 60.425

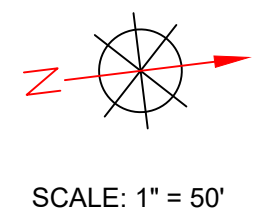
SIGNAGE TO MINIMIZE SOIL
DISTURBANCE DURING
INSTALLATION

SIGN PANEL SIZE (MIN)	
A	48" X 48"
B	36" X 18"

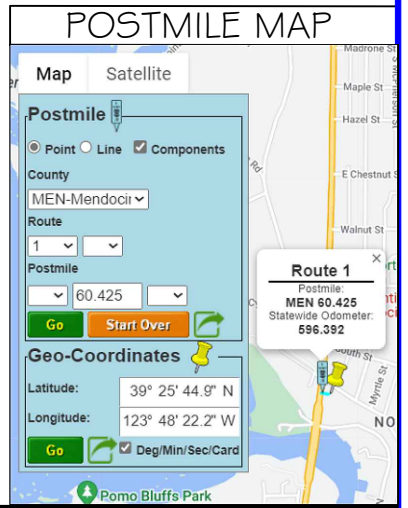


SEE SHEET-10 OF 16
MATCHLINE-A

- LEGEND**
- ☆ UNIFORMED POLICE OFFICER
 - ☼ PORTABLE FLASHING BEACON (P.F.B.)
 - ≡ TYPE III BARRICADE W/SIGN
 - ≡ TYPE II BARRICADE W/SIGN
 - CHANNELIZING DEVICE
 - TRAFFIC CONE WITH CLIP ON SIGN
 - ▬ TYPE I W/ SIGN
 - ▬ EXISTING SIGN
 - ⊙ SIGNALIZED INTERSECTION
 - ⊙ FLASHING ARROW BOARD
 - ⊙ HIGH LEVEL WARNING DEVICE (FLAGTREE)
 - ⊙ FLAGGER
 - ⊙ TANSAT TOW AWAY NO STOPPING ANY TIME
 - ⊙ EXISTING DRIVEWAY
 - ▨ WORK ZONE (ACTIVITY AREA) LIMITS
 - DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)



CALTRANS TCP DRAWING



REV	DESCRIPTION	DATE	BY
01	UPDATED AS REQUESTED	01/24/2024	A.K.
02	UPDATED AS REQUESTED	04/17/2024	J.O.
03	UPDATED AS REQUESTED	04/24/2024	J.O.

TITLE: **TRAFFIC CONTROL PLAN**

SCOPE OF WORK: **CALTRANS (DISTRICT 1), CA ALPR CAMERA INSTALLATION**

PLANS PRE.O.P.ARED BY:

CHC
A CONGRUEX COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#: 294625

DRAWN BY: PARAV PARBHAKAR

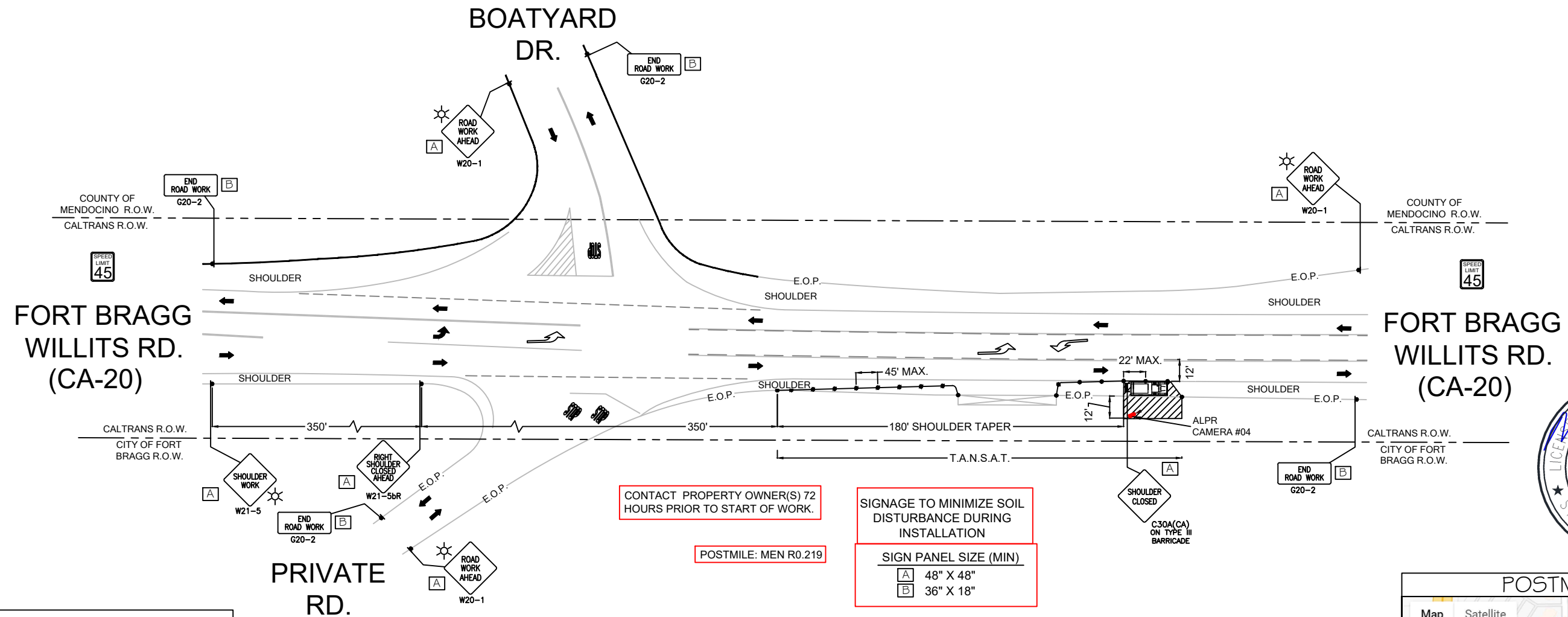
CHECKED BY: RAMANDEEP SINGH

APPROVED BY: DANIEL CAMPOS

DATE: 02/22/2023 SHEET: 11 OF 16

32883 FORT BRAGG WILLITS RD. (CA-20) FORT BRAGG WILLITS RD. AND BOATYARD DR.

-ALPR CAMERA #04 PLACEMENT
WORK AREA 3 OF 4
POSTMILE: MEN R0.219



CONTACT PROPERTY OWNER(S) 72 HOURS PRIOR TO START OF WORK.

POSTMILE: MEN R0.219

SIGNAGE TO MINIMIZE SOIL DISTURBANCE DURING INSTALLATION

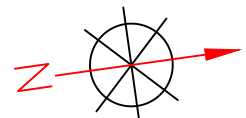
SIGN PANEL SIZE (MIN)	
A	48" X 48"
B	36" X 18"



LEGEND

- ☆ UNIFORMED POLICE OFFICER
- ☼ PORTABLE FLASHING BEACON (P.F.B.)
- ≡ TYPE III BARRICADE W/SIGN
- ≡ TYPE II BARRICADE W/SIGN
- ⊘ CHANNELIZING DEVICE
- TRAFFIC CONE WITH CLIP ON SIGN
- ▲ TYPE I W/ SIGN
- ▭ EXISTING SIGN
- ⊙ SIGNALIZED INTERSECTION
- ⚡ FLASHING ARROW BOARD
- ⚡ HIGH LEVEL WARNING DEVICE (FLAGTREE)
- ⚡ FLAGGER
- TANSAT TOW AWAY NO STOPPING ANY TIME
- ▭ EXISTING DRIVEWAY
- ▨ WORK ZONE (ACTIVITY AREA) LIMITS
- DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)

CALTRANS TCP DRAWING



SCALE: 1" = 60'

POSTMILE MAP

Map Satellite

Postmile

Point Line Components

County: MEN-Mendocin

Route: 20

Postmile: R 0.219

Go Start Over

Geo-Coordinates

Latitude: 39° 25' 8.3" N

Longitude: 123° 48' 14.7" W

Go Deg/Min/Sec/Card

Route 20

Postmile: MEN R0.219

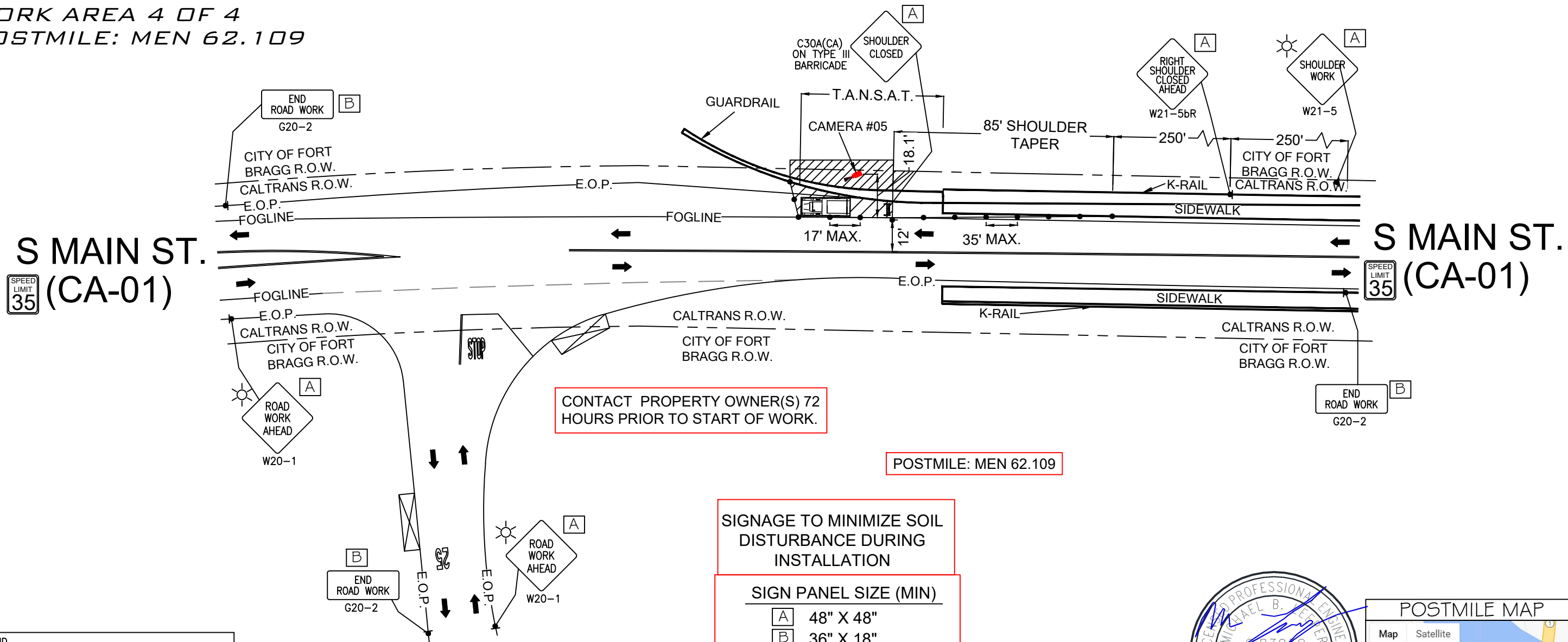
Statewide Odometer: 0.219

Fort Bragg

Hare Creek

flock safety	REV	DESCRIPTION	DATE	BY	TITLE:	TRAFFIC CONTROL PLAN	PLANS PRE.O.P.ARED BY: CHC A CONGRUEX COMPANY 9095 Rio San Diego Dr. Ste 165 San Diego, CA 92108-1694 (949) 250-0004 / FAX (949) 250-0006	PROJ#: 294625
	01	UPDATED AS REQUESTED	01/24/2024	A.K.	SCOPE OF WORK: CALTRANS (DISTRICT 1), CA ALPR CAMERA INSTALLATION			DRAWN BY: PARAV PARBHAKAR
	02	UPDATED AS REQUESTED	04/17/2024	J.O.				CHECKED BY: RAMANDEEP SINGH
	03	UPDATED AS REQUESTED	04/24/2024	J.O.				APPROVED BY: DANIEL CAMPOS
							DATE: 02/22/2023	SHEET: 12 OF 16

**1011 N MAIN ST.
S MAIN ST.(CA-01) AND E MANZANITA ST.
-ALPR CAMERA #05 PLACEMENT
WORK AREA 4 OF 4
POSTMILE: MEN 62.109**



LEGEND

- ★ UNIFORMED POLICE OFFICER
- ☼ PORTABLE FLASHING BEACON (P.F.B.)
- ≡ TYPE III BARRICADE W/SIGN
- ⊗ TYPE II BARRICADE W/SIGN
- ⋯ CHANNELIZING DEVICE
- TRAFFIC CONE WITH CLIP ON SIGN
- ▬ TYPE I W/ SIGN
- ▭ EXISTING SIGN
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- ⚡ FLASHING ARROW BOARD
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- ⚡ FLAGGER
- TANSAT TOW AWAY NO STOPPING ANY TIME
- ⊠ EXISTING DRIVEWAY
- ▨ WORK ZONE (ACTIVITY AREA) LIMITS
- DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)

CALTRANS TCP DRAWING



POSTMILE MAP

Map Satellite

Postmile: MEN-Mendocir

County: MEN-Mendocir

Route: 1

Postmile: 62.109

Go Start Over

Geo-Coordinates

Latitude: 39° 27' 12.6" N

Longitude: 123° 48' 21.3" W

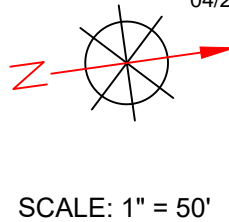
Go Deg/Min/Sec/Card

Route 1

Postmile: MEN 62.109

Statewide Odometer: 598.076

E Manzanita



REV	DESCRIPTION	DATE	BY
01	UPDATED AS REQUESTED	01/24/2024	A.K.
02	UPDATED AS REQUESTED	04/17/2024	J.O.
03	UPDATED AS REQUESTED	04/24/2024	J.O.

TITLE: **TRAFFIC CONTROL PLAN**

SCOPE OF WORK: **CALTRANS (DISTRICT 1), CA ALPR CAMERA INSTALLATION**

PLANS PRE.O.P.ARED BY:

CHC

A CONGRUEX COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#: 294625

DRAWN BY: PARAV PARBHAKAR

CHECKED BY: RAMANDEEP SINGH

APPROVED BY: DANIEL CAMPOS

DATE: 02/22/2023 SHEET: 13 OF 16

DESIGN NOTES

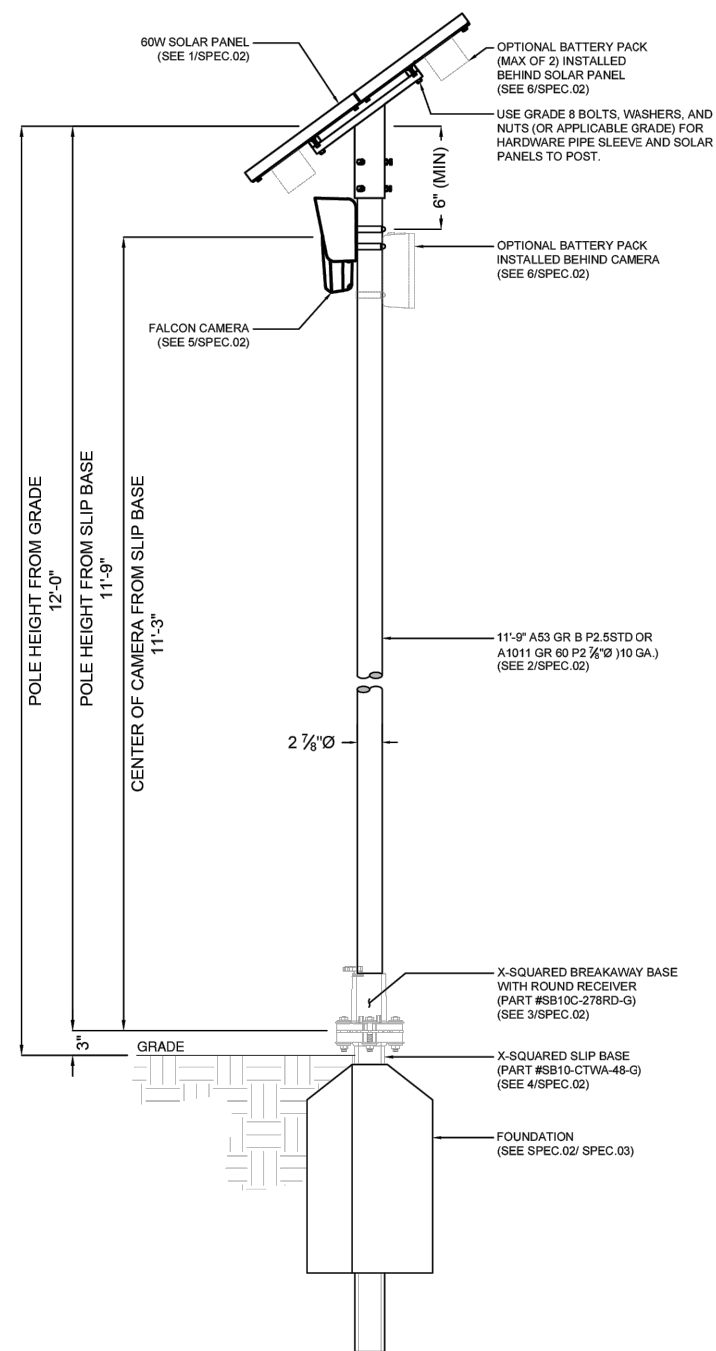
- POLE AND FOUNDATIONS ARE DESIGNED IN ACCORDANCE WITH THE FOLLOWING CODES:
 - 2015 MICHIGAN BUILDING CODE
 - AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS 2015 EDITION.
- POLE ANALYSIS AND FOUNDATION DESIGN ARE BASED ON THE FOLLOWING CRITERIA:
 - DESIGN WIND SPEED (VULT): 115 MPH (MAXIMUM)
 - RISK CATEGORY: II
 - EXPOSURE CATEGORY: C
 - TOPOGRAPHIC CATEGORY: 1
 - SEISMIC DESIGN CRITERIA:
 - SOIL SITE CLASS: D (ASSUMED)
 - SPECTRAL RESPONSE, SS: 1.000G (MAXIMUM)
 - SPECTRAL RESPONSE, S1: 0.004G (MAXIMUM)
 - SEISMIC DESIGN CATEGORY: B
- STRUCTURE BASE REACTIONS ARE CALCULATED AS FOLLOWS:
 - ULTIMATE BASE MOMENT: 2,700 LB-FT
 - ULTIMATE BASE SHEAR: 300 LB
 - ULTIMATE BASE AXIAL: 100 LB
- SHOULD ANY OF THE SITE-SPECIFIC PARAMETERS BE HIGHER THAN WHAT IS NOTED ABOVE, THE EOR SHALL BE CONTACTED TO PROVIDE A REVISED DESIGN.
- POLE STRUCTURE SHALL BE INSTALLED ON A FOUNDATION WITH FLAT BEARING SURFACE. THE TOP OF THE TOP OF THE FOUNDATION OUTSIDE OF THE BASE PLATE FOOTPRINT SHALL BE SLOPED BETWEEN 1" AND 3" TO ALLOW FOR ADEQUATE DRAINAGE.
- THE PROPOSED DETAILS OF THIS DRAWING SHALL NOT BE USED WHERE SOILS CONSIST OF SOFT CLAY, PEAT, OR SOIL WHERE A SMALL DIAMETER REBAR (#5 OR SMALLER) OR METAL PROBE PENETRATES EASILY INTO THE SOIL BY MORE THAN 6" WHEN THE FULL WEIGHT OF A PERSON IS APPLIED. IF UNEXPECTED SOIL IS FOUND ON SITE, THE CONTRACTOR SHALL CONTACT EOR FOR DIRECTION.

GENERAL & CONSTRUCTION NOTES

- CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT 811 TO LOCATE ALL UNDERGROUND UTILITIES 48 HOURS PRIOR TO CONSTRUCTION START DATE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING AND OBTAINING APPROVED TRAFFIC CONTROL PLAN(S) IN ACCORDANCE WITH MUTCD AND LOCAL JURISDICTION STANDARDS AS REQUIRED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF ANY DISTURBED AREAS TO ORIGINAL CONDITION TO STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION AT NO ADDITIONAL COMPENSATION.
- ALL WORK SHALL ABIDE BY ALL APPLICABLE NATIONAL ELECTRICAL CODES EXCEPT WHEN THE STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION STANDARDS SUPERSEDE.
- POLE SHOULD BE GROUNDED TO A SOLID BARE BOND GROUNDING & GROUNDING ROD (OR COIL 25' OF #6 BARE COPPER) IN POLE FOUNDATION AND BACK TO PROPOSED FLOCK EQUIPMENT.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION SPECIFICATIONS UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.
- CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE SOIL TYPE AND SUITABILITY REQUIREMENTS PRIOR TO CONSTRUCTION PER PROJECT MANAGER DIRECTIVE.

ADA COMPLIANCE NOTES

- ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II AND ALL STATE DEPARTMENT OF TRANSPORTATION AND JURISDICTIONAL STANDARDS.
- USE STATE SPECIFIC DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS FOR PEDESTRIAN CONTROL PLANS FOR SIDEWALK AND WALKWAY CLOSURES.
- MINIMUM SIDEWALK CLEARANCE FOR PEDESTRIAN ACCESS ROUTE (PAR) IS 48" WIDE.
- MINIMUM CLEARANCE OF ANY PROPOSED EQUIPMENT ALONG THE WIDTH OF THE SIDEWALK IS 7'-0" IN HEIGHT.



1 POLE ELEVATION DETAIL
SCALE: N/A

[THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP]

STANDARD CONFIGURATION DETAILS
FLOCK SOLAR BREAKAWAY SYSTEM

flock safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
0	01/01/2024	DAW	TYP DETAIL

I HEREBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF XXXXXX.



FLOCK EQUIPMENT INSTALLATION
CASE NUMBER: N/A
PERMITTING JURISDICTION: N/A

COVER SHEET & LOCATION MAPS	
SHEET: SPEC.01	REV: 0

THIS DOCUMENT HAS BEEN DRAWN BASED OFF THE MOST RECENT AVAILABLE DATA & AERIAL IMAGERY. THIS INCLUDES RIGHT OF WAY, EXISTING UTILITIES, & PRIVATE PROPERTY LINES. IT REMAINS THE RESPONSIBILITY OF OTHERS TO VERIFY ALL DATA PRIOR AND EXISTING SURROUNDING FACILITIES TO VERIFY & CONFLICTS ABOVE & BELOW GRADE. ALL CONSTRUCTION TO FOLLOW N/A GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.



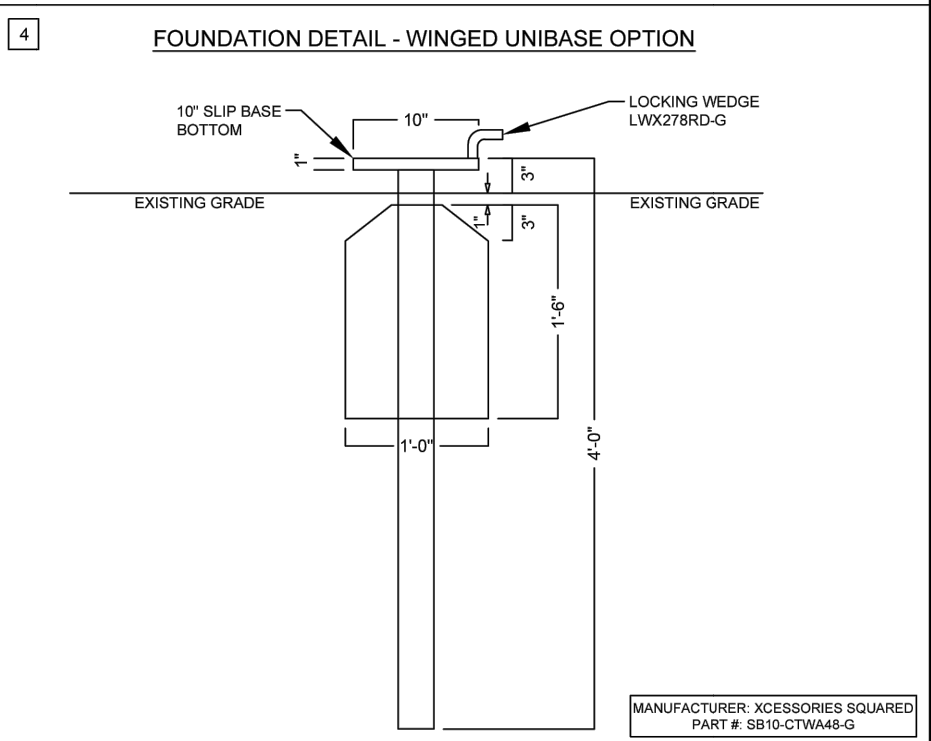
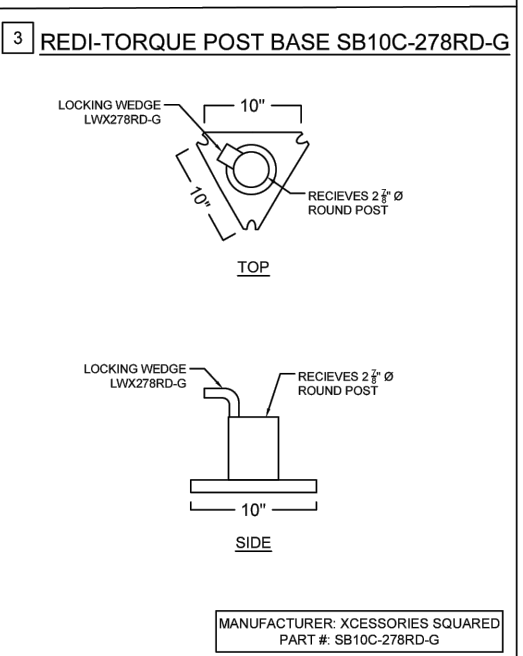
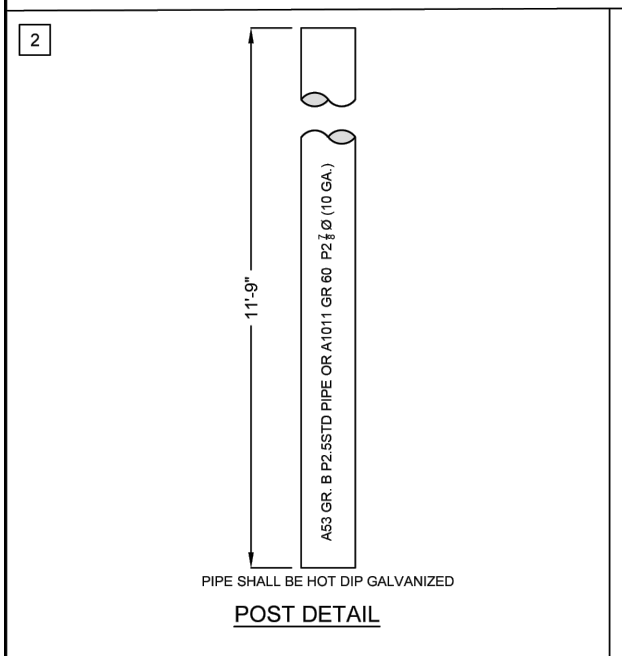
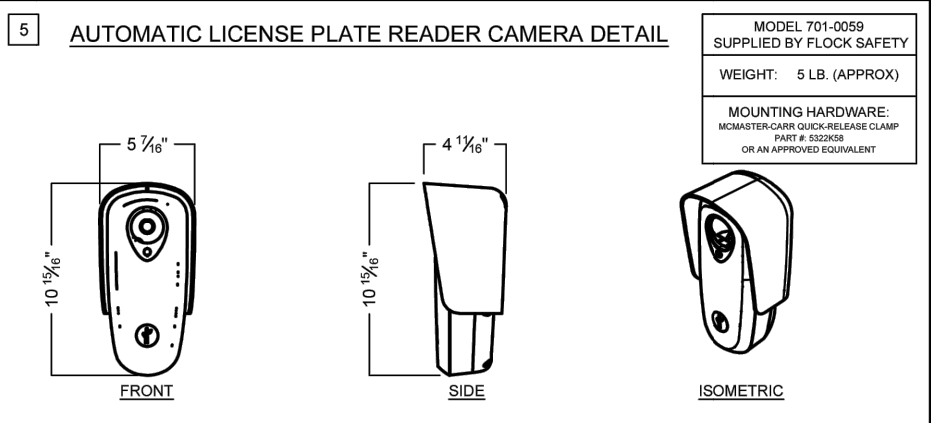
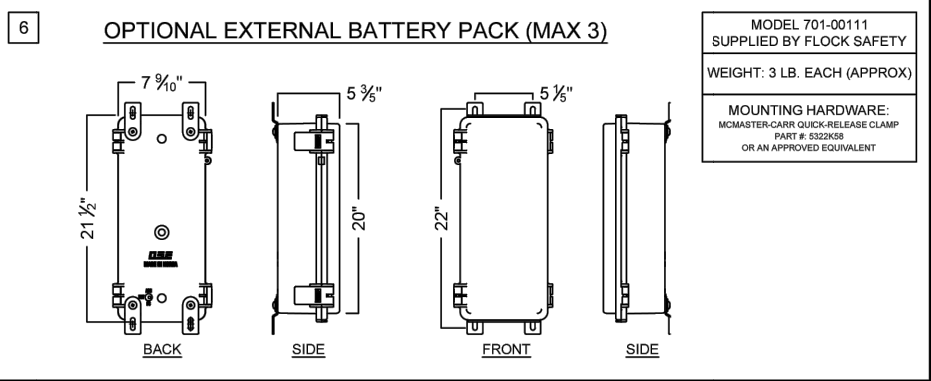
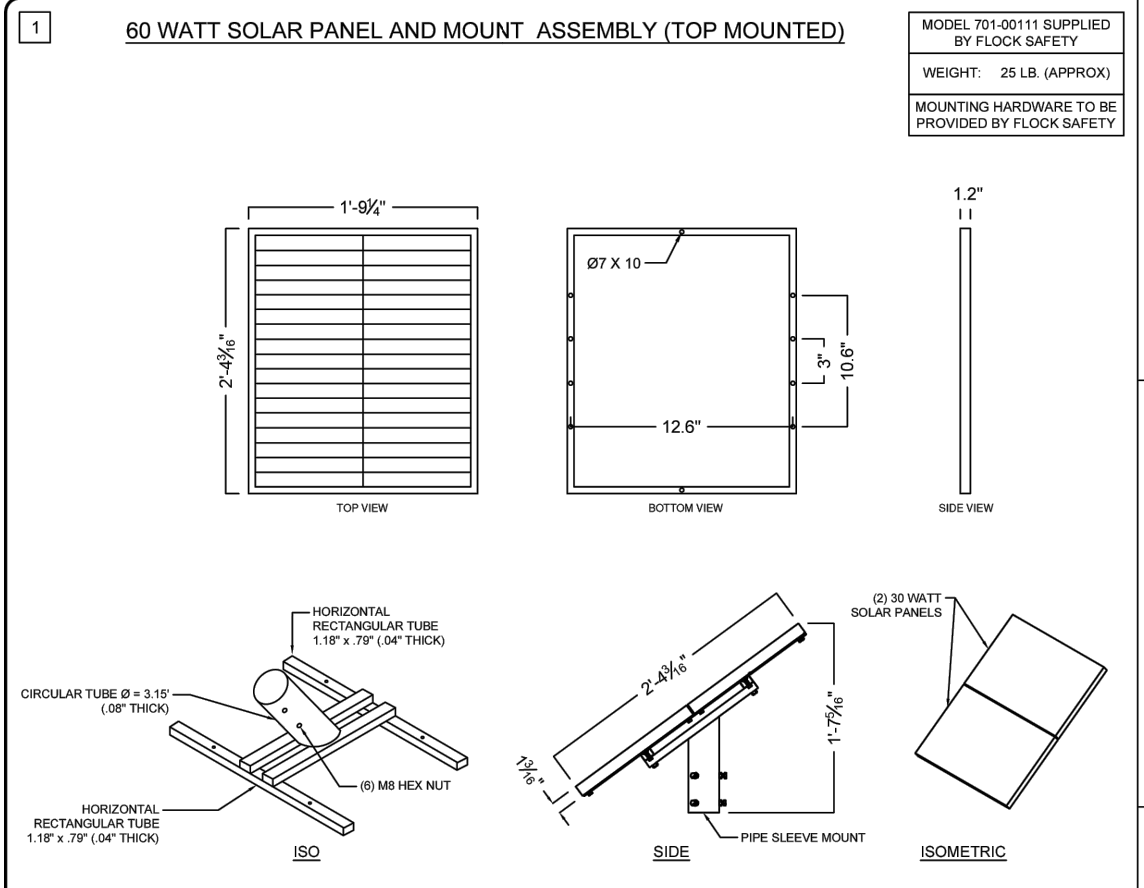
REV	DESCRIPTION	DATE	BY
01	UPDATED AS REQUESTED	01/24/2024	A.K.
02	UPDATED AS REQUESTED	04/17/2024	J.O.
03	UPDATED AS REQUESTED	04/24/2024	J.O.

TITLE: **POLE DETAILS**

SCOPE OF WORK: **CALTRANS (DISTRICT 1), CA ALPR CAMERA INSTALLATION**

PLANS PREPARED BY:
CHC
A CONGRUEX COMPANY
9095 Rio San Diego Dr, Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#: 294625
DRAWN BY: PARAV PARBHAKAR
CHECKED BY: RAMANDEEP SINGH
APPROVED BY: DANIEL CAMPOS
DATE: 02/22/2023 SHEET: 14 OF 16



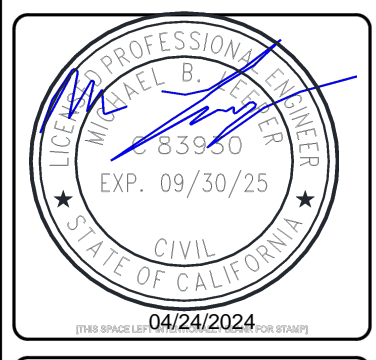
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STANDARD CONFIGURATION DETAILS
 FLOCK SOLAR BREAKAWAY SYSTEM

flock safety
 1170 HOWELL MILL ROAD SUITE 210
 ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
0	01/01/2024	DAW	TYP DETAIL

I HEREBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF XXXXXX.



FLOCK EQUIPMENT INSTALLATION
 CASE NUMBER: N/A
 PERMITTING JURISDICTION: N/A

COVER SHEET & LOCATION MAPS	
SHEET: SPEC.02	REV: 0

THIS DOCUMENT HAS BEEN DRAWN BASED OFF THE MOST RECENT AVAILABLE DATA & AERIAL IMAGERY. THIS INCLUDES RIGHT OF WAY, EXISTING UTILITIES, & PRIVATE PROPERTY LINES. IT REMAINS THE RESPONSIBILITY OF OTHERS TO VERIFY ALL DATA PRIOR AND EXISTING SURROUNDING FACILITIES TO VERIFY & CONFLICTS ABOVE & BELOW GRADE. ALL CONSTRUCTION TO FOLLOW N/A GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 611 PRIOR TO DIGGING.



REV	DESCRIPTION	DATE	BY	TITLE:
01	UPDATED AS REQUESTED	01/24/2024	A.K.	POLE DETAILS
02	UPDATED AS REQUESTED	04/17/2024	J.O.	SCOPE OF WORK: CALTRANS (DISTRICT 1), CA ALPR CAMERA INSTALLATION
03	UPDATED AS REQUESTED	04/24/2024	J.O.	

SCOPE OF WORK:
 CALTRANS (DISTRICT 1), CA
 ALPR CAMERA INSTALLATION

PLANS PREPARED BY:
CHC
 A CONGRUEX COMPANY
 9095 Rio San Diego Dr, Ste 165
 San Diego, CA 92108-1694
 (949) 250-0004 / FAX (949) 250-0006

PROJ#: 294625
DRAWN BY: PARAV PARBHAKAR
CHECKED BY: RAMANDEEP SINGH
APPROVED BY: DANIEL CAMPOS
DATE: 02/22/2023 SHEET: 15 OF 16

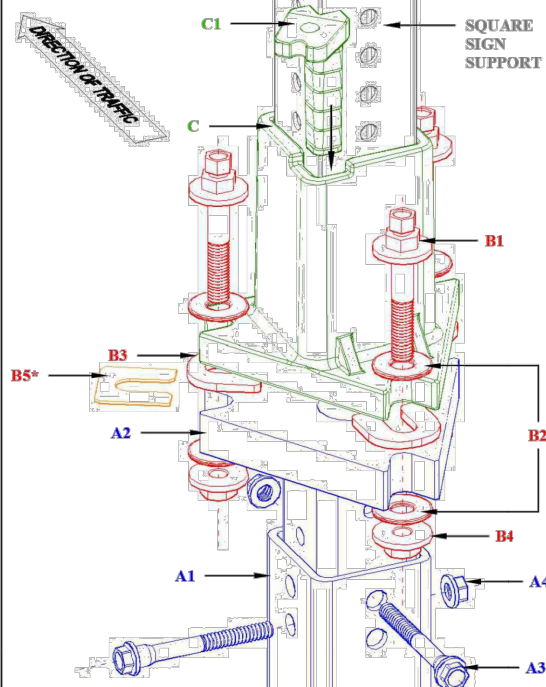
INSTALLATION GUIDE REDI-TORQUE MODEL 280 OMNI DIRECTIONAL SLIP BASE (STEM BASE WITH SEPERATE HEAVY DUTY ANCHOR). RECEIVES SQUARE SIGN SUPPORT

RT280SB-SQ1

MASH-16 COMPLIANT FOR INTERSECTIONS and MAINLINE ROADWAYS
NCHRP 350 CRITERIA - FHWA ACCEPTANCE LETTERS SS-134 & SS-134A

August 13, 2021

XCESSORIES SQUARED DEV. & MFG. CO., INC. AUBURN, IL 62615
TEL: (800) 621-7948 FAX: (217) 438-3917 www.x-sqrd.com



PARTS LIST

A1: Heavy Duty Anchor

ITEM	QTY	DESCRIPTION
A1	1	Anchor for Slip Base Bottom w/Stem

A2: Lower Slip Plate Sub-Assembly

ITEM	QTY	DESCRIPTION
A2	1	Bottom Half Slip Plate w/Stem
A3	2	3/8"-16 Gr. 8 Flanged Shoulder Bolt
A4	2	3/8"-16 Gr. 8 Serrated Flange Nut

B: Redi-Torque Match Plate Hardware

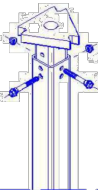
ITEM	QTY	DESCRIPTION
B1	3	1/2"-13 x 3" Gr. 8 Redi-Torque Bolt
B2	6	5/8" U.S.S. Flat Washer
B3	3	3/16" thick, Teflon Coated Slip Washer
B4	3	1/2"-13 Gr. 8 large diameter Flange Nut
B5*	0	1/16" thick Leveling Shim

* may not be necessary for every installation

C: Upper Slip Plate Sub-Assembly

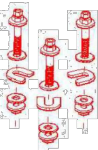
ITEM	QTY	DESCRIPTION
C	1	Top Receiver for Square Sign Support
C1	1	Square Sign Support Locking Wedge

STEP A



1. Install appropriate Heavy Duty Anchor (A1) plumb & squared up with road.
2. Depth of embedment to leave 2-1/2" (+/- 1/4") from grade to top of Anchor.
NOTE: For soil or concrete installation options, see details at lower left.
NOTE: If installing in concrete, auger the footing hole shallow enough to be able to drive 3-4 inches of Anchor (A1) into the bottom of the hole. This will help stabilize the unit as concrete is being poured and cured while also allowing for proper drainage.
NOTE: On multi-leg installations, be sure that all Anchors are squared & lined up with each other.
3. Insert stem of Bottom Sub-Assembly (A2) into Anchor (A1) correctly indexed so that point of triangular slip plate is facing oncoming traffic.
4. Insert both Shoulder Bolts (A3) so that top bolt is parallel with & the bottom bolt is perpendicular to traffic. Fully tighten both Flange Nuts (A4) on both Shoulder Bolts (A3). **TORQUE NUTS AS TIGHT AS POSSIBLE.**

STEP B



1. Place one each teflon coated Slip Washer (B3) on top of lower Slip Plate (A2) at each notched point with open end of slot facing center of triangular slip plate. Leave enough room between the closed ends of the slot/notch to allow 3/8" Redi-Torque bolt (B1) to pass through.
2. Place Upper Slip Plate (C) onto the three Slip Washers (B3) properly indexed so that square post receiver portion is squared up with road.
3. Slide 1 each 3/8" Flat Washer (B2) on to each Redi-Torque Bolt (B1) then insert Bolt (B1) with Washer (B2) down through notched points of Upper Slip Plate (C), slot of Slip Washer (B3) and notched point of Lower Slip Plate (A2).
4. Slide 1 each 3/8" Flat Washer (B2) up on exposed thread of each Bolt (B1) followed by threading 1 each 1/2" Flange Nut (B4) on to each Bolt (B1) one half turn past finger tight.
NOTE: When tightening bolts during this step use the 3/4" (larger) hex and NOT the 1/2" (smaller) hex.

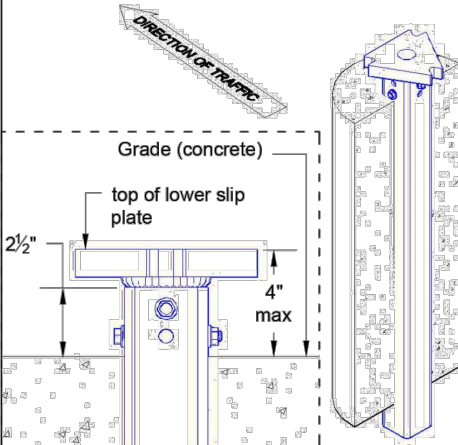
STEP C



1. Insert Square Sign Support into Upper Slip Plate (C) receiver until support bottoms out.
2. With a hand held hammer, drive the square sign support Locking Wedge (C1) into the Upper Slip Plate (C) receiver at the pre-determined corner, marked by a 1/4" notch. (The Locking Wedge does not need to be driven flush with top of Upper Slip Plate receiver)
***SHIMMING:** Before moving on to step 3, check the plumb of the sign support(s). If necessary, 1/16" thick Leveling Shim(s) (B5) may be used at the appropriate point(s) between slip plates. To re-plumb, loosen Bolt (B1) at desired point enough to lean the Upper Slip Plate (C) back and slide Leveling Shim (B5) into place. Shim(s) should be placed under Teflon Coated Slip Washer. Maximum of 2 each Leveling Shims per notched point.
3. After Locking wedge (C1) is securely in place, loosen each Bolt (B1) and Nut (B4), one at a time, then retighten each Bolt (B1), using the 1/2" (smaller) hex, until the 3/8" hex head twists off from the 3/4" hex head. This will set the proper torque level.

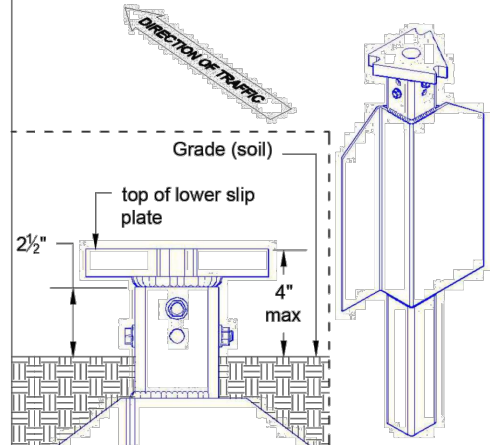
1. UP TO A MAXIMUM OF THREE OMNI DIRECTIONAL SLIP BASES WITH REDI-TORQUE MODEL 280 MATCHPLATE HARDWARE MAY BE INSTALLED WITHIN A SEVEN FOOT SPAN.
2. FOR ADDITIONAL WINDLOAD CAPABILITY, A POST OF THE NEXT SIZE SMALLER MAY BE INSERTED INTO THE SQUARE SIGN SUPPORT A MINIMUM OF FOUR FEET AT THE BOTTOM OF THE SUPPORT.

CONCRETE INSTALLATION DETAIL



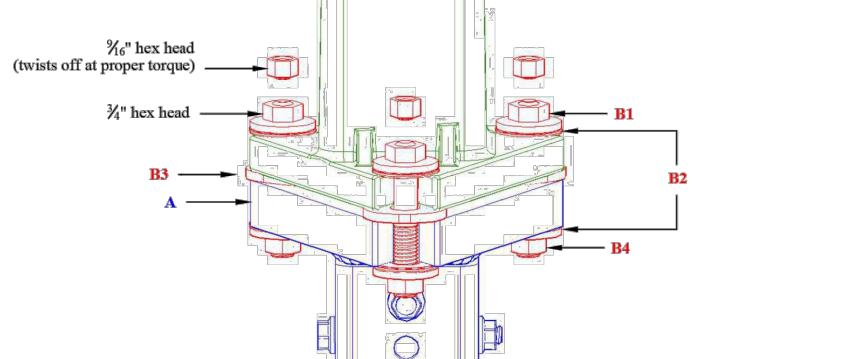
NOTE: Recommended footing size a minimum of 12" in diameter and 30" deep.

DIRECT DRIVEN SOIL INSTALLATION DETAIL



NOTE: Install with the widest bearing surface of the stabilizing wing parallel with the face of the sign.

INSTALLED VIEW (FRONT)



REINSTALLATION PROCEDURE:

- NOTE:** All match plate hardware components are generally reusable except the Redi-Torque Bolts (B1)
1. Remove sign support Locking Wedge (C1) from Upper Slip Plate (C) receiver with a hand held hammer.
 2. Place Upper Slip Plate (C) on Lower Slip Plate (A2) to check for warpage and level of slip plates.
 3. Visually check all welds and castings for fractures or other damage.
 4. When assured both Lower Slip Plate (A2) and Upper Slip Plate (C) are reusable employ new or reused hardware (B) with **NEW** Redi-Torque Bolts (B1) then follow installation procedures, starting with **STEP B.**

INSTALLATION DETAIL PROVIDED FOR REFERENCE ONLY. CONTRACTOR SHALL ORDER AND INSTALL X-SQUARED PART #SB10C-278RD-G WITH ROUND RECEIVER THAT IS COMPATIBLE WITH THE SPECIFIED 2 1/2" DIA PIPE. CONTRACTOR SHALL CONTACT MANUFACTURER FOR INSTALLATION SPECIFICATIONS.

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STANDARD CONFIGURATION DETAILS
FLOCK SOLAR BREAKAWAY SYSTEM

flock safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
0	01/01/2024	DAW	TYP DETAIL

I HEREBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF XXXXXX.



FLOCK EQUIPMENT
INSTALLATION
CASE NUMBER: N/A
PERMITTING JURISDICTION:
N/A

COVER SHEET & LOCATION MAPS

SHEET: SPEC.03	REV: 0
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THIS DOCUMENT HAS BEEN DRAWN BASED OFF THE MOST RECENT AVAILABLE DATA & AERIAL IMAGERY. THIS INCLUDES RIGHT OF WAY, EXISTING UTILITIES, & PRIVATE PROPERTY LINES. IT REMAINS THE RESPONSIBILITY OF OTHERS TO VERIFY ALL DATA PRIOR AND EXISTING SURROUNDING FACILITIES TO VERIFY & CONFLICTS ABOVE & BELOW GRADE. ALL CONSTRUCTION TO FOLLOW N/A GENERAL GUIDELINES. DO NOT SCALE DRAWINGS. CALL 811 PRIOR TO DIGGING.

REV	DESCRIPTION	DATE	BY
01	UPDATED AS REQUESTED	01/24/2024	A.K.
02	UPDATED AS REQUESTED	04/17/2024	J.O.
03	UPDATED AS REQUESTED	04/24/2024	J.O.

TITLE: POLE DETAILS
SCOPE OF WORK: CALTRANS (DISTRICT 1), CA
ALPR CAMERA INSTALLATION

PLANS PREPARED BY:
CHC
A CONGRUEX COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#: 294625
DRAWN BY: PARAV PARBHAKAR
CHECKED BY: RAMANDEEP SINGH
APPROVED BY: DANIEL CAMPOS
DATE: 02/22/2023 SHEET: 16 OF 16