

NIGHTTIME NOISE AND NUISANCE REDUCTION PLAN

ARTESIAN SUBSTATION EXPANSION PROJECT – TRANSMISSION

Rancho Carmel Substation Cable Pole

Prepared on:

March 4, 2021

*Prepared for: **HENKELS & MCCOY***



*Prepared by: **Rincon Consultants, Inc.***



RINCON CONSULTANTS, INC.

Environmental Scientists | Planners | Engineers

rinconconsultants.com

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Acronyms and Abbreviations

APM	Applicant Proposed Measure
Artesian or Project	Artesian Substation Expansion Project – Transmission
CPUC	California Public Utilities Commission
FCA	Field Construction Advisor
IS/MND	Initial Study and Mitigated Negative Declaration
kV	kilovolt
MM	Mitigation Measure
MMRCP	Mitigation Monitoring, Reporting, and Compliance Program
Plan	Nighttime Nuisance and Noise Reduction Plan
SDG&E	San Diego Gas & Electric Company

1 Introduction

This Nighttime Nuisance and Noise Reduction Plan (Plan) was prepared for Henkels & McCoy (Henkels) for the Artesian Substation Expansion Project – Transmission (Project). The Plan was prepared to comply with Mitigation Measures NV-1, NV-2 and NV-5, as described within the Final Initial Study and Mitigated Negative Declaration (IS/MND) prepared by the California Public Utilities Commission (CPUC) for the Project. This Plan provides a description of Henkels' overhead construction activities located near the Rancho Carmel Substation on Camino Del Norte, including noise and nuisance reduction and avoidance measures. The overall Project involves construction of a new connection to an existing 230kV transmission line, modifications at the existing Bernardo and Rancho Carmel Substations, and reconductoring approximately 2.2 miles of existing 69kV line between Artesian and Bernardo Substations, in support of the expansion and rebuilding of the existing Artesian Substation. The nighttime work required and discussed in this report would be to transfer the wire from existing pole to the new engineered cable pole and remove the existing old pole from service.

1.1 Project Location

The overall Project components are located between Rancho Santa Fe (to the west) and Poway (to the southeast), in the western portion of San Diego County, with elements located within both the City of San Diego and unincorporated County of San Diego, California. The Project (69kV reconductor) route (approximately 2.2 miles) traverses both developed residential and commercial areas. Specific nighttime work performed for this Plan would be to transfer the wire from existing pole to the new engineered cable pole and remove the existing old pole from service. The building southeast of Rancho Carmel Substation at 15255 Innovation Drive is Palomar Health, which operates Mondays, Wednesdays, Fridays from 8 a.m. to 4:30 p.m., and Tuesdays, Thursdays from 8 a.m. to 7:30 p.m, and does not have overnight services. Therefore, the anticipated nighttime work will not conflict with their working hours. See Project Location Figure in Appendix A, for the location of the work in relation to the surrounding locations.

1.2 Project Description

The proposed project involves transferring the wire from existing pole to the new engineered cable pole and remove the existing old pole from service. Exact location of the proposed work is shown on the traffic control permits included as Appendix B.

2 Objectives

The objective of this Plan is to minimize noise and general nuisance from the construction work described under Section 1.2, in compliance with Project Mitigation Measures.

3 Applicable Requirements

3.1 Applicable Mitigation Measures

All or portions of Mitigation Measures NV-1, NV-2, and NV-5 are applicable to this Plan. These measures are included below in their entirety. Plan Sections 3.3 and 4.2 describe how the Project will comply with these mitigation measures.

MM NV-1: Variance Request

If it is determined that construction activities are necessary during nighttime hours or on a Sunday, SDG&E shall submit a variance request to the County of San Diego and/or City of San Diego planning departments to work outside of allowed construction hours. SDG&E shall provide CPUC with evidence that it has obtained the variance(s) prior to commencing such work.

MM NV-2: Construction Noise Reduction Plan¹

Distribute to the potentially affected residences within 100 feet of Project construction a “hotline” telephone number, which shall be attended during active construction working hours, for use by the public to register complaints. All complaints shall be logged noting date, time, complainants’ name, nature of complaint, and any corrective action taken.

MM NV-5: Nighttime Noise and Nuisance Reduction Plan

SDG&E and/or its contractors shall develop a Nighttime Noise and Nuisance Reduction Strategy Plan in the event that nighttime construction activity is determined to be necessary within 500 feet of sensitive receptors. The plan shall be submitted to the CPUC for review and approval prior to the commencement of nighttime construction activities. The strategy shall include a set of site-specific noise attenuation measures that apply state-of-the-art noise reduction technology to ensure that nighttime construction noise levels and associated nuisances are reduced to the extent feasible. The attenuation measures may include, but not be limited to, the control strategies and methods for implementation that are listed below.

- Plan construction activities to minimize the amount of nighttime construction.
- Offer temporary relocation of residents within 200 feet of nighttime construction activities.
- Temporary noise barriers, such as shields and blankets, shall be installed immediately adjacent to all nighttime stationary noise sources (e.g., auger rigs, generators, compressors, etc.).
- Install temporary noise barriers that block the line of sight between nighttime activities and the closest residences within 500 feet.
- The notification requirements identified in Mitigation Measure NV-2 shall be extended to include residences within 500 feet of pending nighttime construction activities.

¹ Only the applicable portion of Mitigation Measure NV-2 is included herein. The remainder of Mitigation Measure NV-2 relates to construction noise reduction, which does not apply to the procedure described in this document.

3.2 Applicable APMS

There are no applicable Applicant Proposed Measures (APMs) for this Plan.

3.3 Other Applicable Requirements

In addition to the applicable Project mitigation measures described above, this Plan also addresses other requirements and limitations including a discussion of applicable project components, required permits and agency approvals.

3.3.1 Applicable Project Components

While Mitigation Measures NV-1 and NV-5 are applicable to any Project construction activities occurring at night, this Plan is intentionally focused to cover only a small aspect of the Project: transmission get-away undergrounding near the Rancho Carmel Substation. Any other construction activities required to occur at night will require preparation of additional documentation in compliance with the applicable mitigation measures.

3.3.2 City of San Diego Noise Ordinance

The IS/MND for the Project outlines the City of San Diego Noise Ordinance, which allows construction activities to occur between the hours of 7 a.m. and 7 p.m., Monday through Saturday, excluding holidays (San Diego Noise Code Section 59.5.0401 and IS/MND, page 3.13-8). In addition, the City of San Diego Noise Ordinance includes allowable noise limits for different times of day, as described in the IS/MND (see IS/MND Table 13.3-2 below).

**TABLE 3.13-2
COUNTY AND CITY OF SAN DIEGO SOUND LEVEL LIMITS**

Land Use Zone	Time of Day	One-Hour Average Sound Level (dBA)
1. Single-Family Residential	7:00 a.m. to 7:00 p.m.	50
	7:00 p.m. to 10:00 p.m.	45
	10:00 p.m. to 7:00 a.m.	40
2. Multi-Family Residential (Up to a maximum density of 1/2,000)	7:00 a.m. to 7:00 p.m.	55
	7:00 p.m. to 10:00 p.m.	50
	10:00 p.m. to 7:00 a.m.	45
3. All Other Residential	7:00 a.m. to 7:00 p.m.	60
	7:00 p.m. to 10:00 p.m.	55
	10:00 p.m. to 7:00 a.m.	50
4. Commercial	7:00 a.m. to 7:00 p.m.	65
	7:00 p.m. to 10:00 p.m.	60
	10:00 p.m. to 7:00 a.m.	60
5. Industrial or Agricultural	Any time	75

SOURCE: City of San Diego Municipal Code, Table 36.404

(source: IS/MND Table 13.3-2)

Project site work would occur at the Rancho Carmel Substation on Camino Del Norte. The nearest single-family residences to construction work would be located approximately 240 feet to the north of activities; and the nearest commercial properties would be located approximately 80 feet to the south of activities. Therefore, the applicable nighttime noise standards for the Project are 40 dBA at the single-family residential properties, and 60 dBA at the commercial properties.

3.3.3 Required Permits and Agency Approvals

The Rancho Carmel Substation site and nearby project work is located within the City of San Diego and is therefore subject to the City's Noise Code. The City of San Diego is mandating the Contractor to work at night via the traffic control permits due to traffic volume on Camino Del Norte. The Contractor also worked with the City and obtained a variance in order to work outside the permitted working hours to match the working hours as outlined in the traffic control permit. The applicable permits have been added to Appendix B of this plan.

4 Plan Implementation

This section describes the scope and requirements of Mitigation Measures NV-1, NV-2, and NV-5 as well as the methodologies Henkels will employ to maintain compliance with these mitigation measures. Specifically, this section includes a description of the Project's equipment, sequence of work, and nuisance avoidance methods used to minimize the disturbance to noise sensitive land uses within 500 feet of the construction site.

4.1 Required Equipment/Vehicles and Work Plan

The required equipment and vehicles are discussed in the following sub-sections in order to perform the work detailed in Section 4.1.2.

4.1.1 Required Vehicles and Equipment

The scope of work includes the following equipment.

Equipment	Function	Equipment Use
Bucket Truck	Lifts personnel up to the pole, so the pole can get worked on	The equipment has a motor and is operated at all times; overhead when working on the power pole
Crane / Forklift	Lifts material and move material around the jobsite	The equipment has a motor and is operated at all times; overhead when moving material around the jobsite
Line Truck	Lifts poles and material; has auger attachment for pole hole digging (if needed)	The equipment has a motor and is operated at all times; overhead when working on the power pole
Light tower	Supply lighting to crews during work	The equipment has a motor and is operated at all times; overhead and will be operated at all times during night work
Generator	Used to power tools	The equipment has a motor and is operated at all times; the light tower will be used overhead , however, the generator used to power the lights will be ground level and will be operated at various times throughout the night

4.1.2 Work Plan

The general work plan for this work would be completed over a duration of approximately several days, and include the following activities:

- Transfer wire from existing pole to new pole; and Remove existing old pole from service

The overall scope of work will consist of a total duration of approximately one (1) night.

4.2 Noise and Nuisance Avoidance and Minimization Measures

The nighttime work will use a combination of standard and project-specific processes to ensure that generation of noise and other nuisance to surrounding noise sensitive land uses are minimized to the greatest extent possible, as required by Mitigation Measure NV-5. Specifically, the following actions will be taken to avoid or minimize noise and nuisance impacts to surrounding land uses:

1. Utilize existing or constructed noise barriers where feasible.
2. Provide additional noise barrier for construction equipment.
3. Avoid noise sensitive land uses as much as possible.
4. Notify residents within 600 feet.
5. Limit the work occurring at night as much as possible.
6. Limit crew size as much as possible.

4.2.1 Use Existing Noise Barriers

Existing residential development in the area contains walls or berms that would provide noise attenuation from construction activities. For example, a 10-to-20-foot wall and berm is in between construction activities on Camino Del Norte and the single-family residences to the north/east.

4.2.2 Provide Additional Noise Barriers for Construction Equipment

While the existing topographical and wall/fence features near construction activities provide noise attenuation, Henkels will implement additional temporary noise barriers, such as shields and blankets installed immediately adjacent to all nighttime stationary noises, for further attenuation of noise levels. To the extent feasible, per Mitigation Measure NV-5, temporary noise barriers would be implemented that block the line of sight between nighttime activities and the closest residences within 500 feet. The nearest single-family residences to construction work would be located approximately 240 feet to the north of activities; and the nearest commercial properties would be located approximately 80 feet to the south of activities.

To estimate noise levels with the barriers, a conservative construction scenario with a generator, air compressor, excavator, backhoe, sweeper, and dump truck all operating at once was assumed. With implementation of existing topographical and wall/fence noise barriers, as well as the temporary noise barriers around the construction area, noise levels from the most intensive construction activities would result in noise levels of 51 dBA, 45 dBA, and 51 dBA at the nearest single-family residential and commercial properties (refer to Appendix C for calculations). Although these noise levels would potentially exceed the City's nighttime noise limits for single-family residential properties of 40 dBA, the noise barriers represent the extent feasible to reduce noise levels from the required heavy-duty construction equipment to perform the construction work. In addition, the construction work is temporary over two nights; therefore, disturbances to nearby residences would be temporary.

4.2.3 Avoid Noise Sensitive Land Uses

Construction equipment will be placed as far from noise sensitive land uses as feasible to limit the noise impacts, as noise attenuates with distance.

4.2.4 Provide Nighttime Work Notifications

In compliance with Mitigation Measure NV-5, SDG&E will send out notifications to residents within 600 feet² of the Rancho Carmel Substation site where the transformer will be delivered. In compliance with Mitigation Measure NV-2, the notices shall include a “hotline” phone number that the public can use to ask questions or register complaints. SDG&E will create a log of any complaints received and provide a copy of the Complaint Log to CPUC as part of the next Weekly Compliance Summary. SDG&E will provide a copy of the notification and mailing list to the CPUC prior to commencement of nighttime construction work (the notification and mailing list are included as Appendix D [PENDING]).

4.2.5 Limit Work that Occurs at Night

As a standard practice, SDG&E conducts all activities during normal construction (i.e., 7 a.m. to 7 p.m.) to the extent feasible, except those steps that must occur during nighttime hours. All activities that can be completed during allowable working hours are done so.

4.2.6 Limiting Crew Size

The nighttime portions of the scope of work will be completed using a crew that is only large enough to complete/monitor the work. Excess crew, inspectors, and monitors will not be onsite in order to reduce the amount of activity and potential disruption.

² While MM NV-5 requires a minimum 500-foot notification, SDG&E has implemented a 600-foot notification based on the area and site-specific conditions.

5 References

California Public Utilities Commission. San Diego Gas & Electric Company's Artesian 230kV Substation Expansion Project Final Initial Study/Mitigated Negative Declaration, March 2019. Accessed Online:
http://www.cpuc.ca.gov/environment/info/esa/artesian/pdf/SDGE_Artesian_FMND_031919.pdf.

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Appendix A

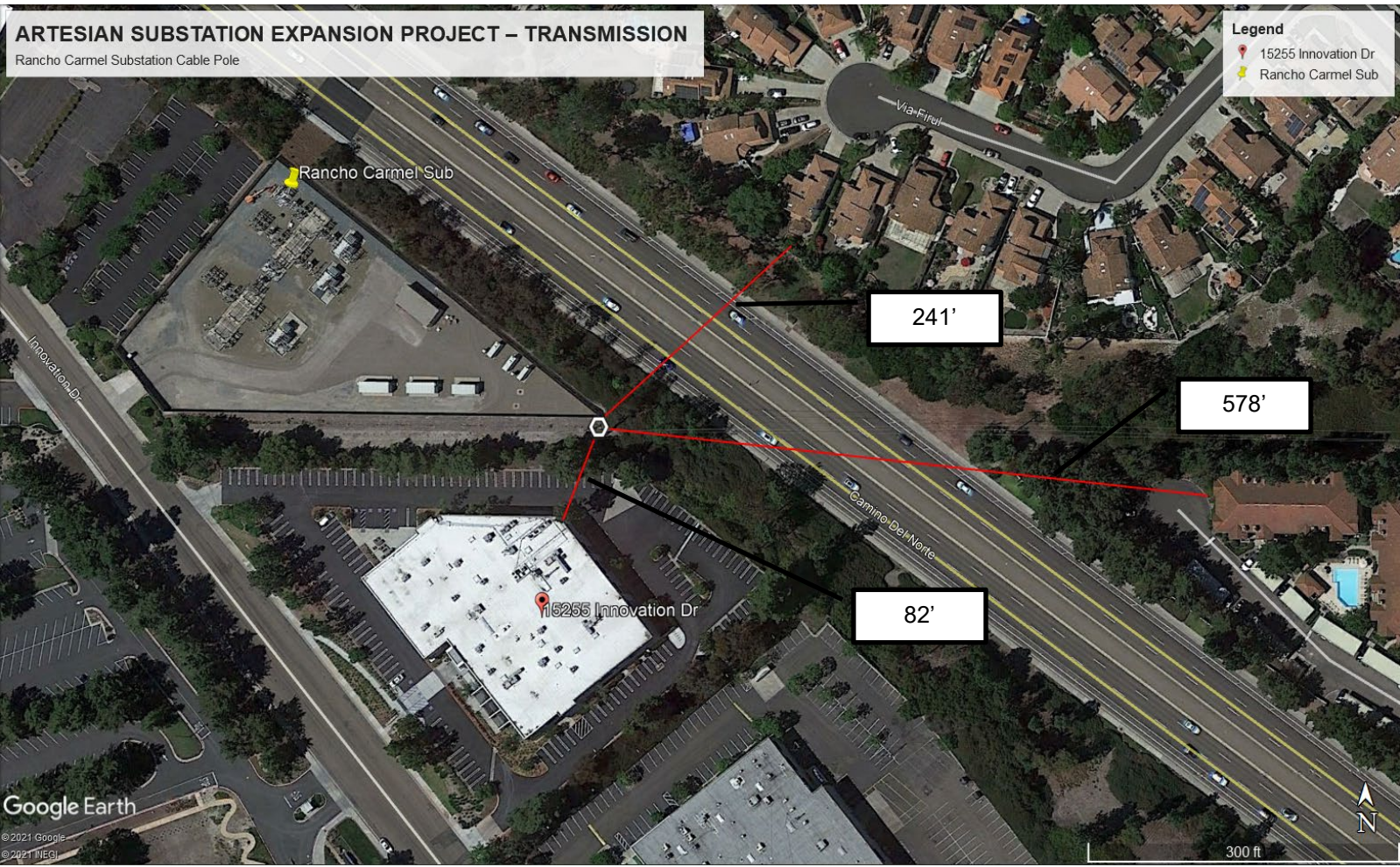
Figures

ARTESIAN SUBSTATION EXPANSION PROJECT – TRANSMISSION

Rancho Carmel Substation Cable Pole

Legend

- 15255 Innovation Dr
- Rancho Carmel Sub



Appendix B

Construction Activity Areas (Traffic Control & Noise Permits)



Approval

3/29/21 8:52 am

Page 1 of 1

L64A-005

THE CITY OF SAN DIEGO
Development Services Department
1222 1st Avenue, San Diego, CA 92101-4154

Project Information

Project Nbr: 687344 **Title:** Construction noise permit
Project Mgr: Shamoun, Michael (619)446-5116 MHSamoun@sandiego.gov



Approval Information

Approval Nbr: 25 24722 **Type:** Construction Noise Permit **Status:** Issued
Issued: 03/05/2021 12:37 pm **Issued By:** Shamoun, Michael **Permit Holder:** Dechico, Albert
Completed: **Completed By:** **Owner Occupied:** ☐ **Overridden:** ☐
Extension Qty: 0 **Extended By:** **Cancel Reason:**
Scope: Construction noise permit for SDGE trenching between
2/25/2021 - 3/30/2021 from 9:00 PM - 5:00 AM. Extension
granted between 04/01/2021 to 05/25/2021 from 09:00PM to
05:00AM. **Precancel Status:**
Land Doc Type:
Recorded Map No.:
Recorded Date:



Job Location (15255 INNOVATION DR)

Address **Assessor Parcel**
15255 INNOVATION DR 313-382-0900

Fee Worksheet

<u>Fee</u>	<u>Quantity</u> <u>Unit</u>	<u>Category</u>
Construction Noise Permit	1.00 Each	Issuance Fees



ATTENTION UTILITY COMPANY

Special Inspection Fees May Be
Applied By City of San Diego For
Any Night or Weekend Work.

ATTENTION

The night work hours listed on this
permit may be revised by the City's
Noise Administrator.

STREET/SIDEWALK BLOCKAGE FORM

FOR USE BY FRANCHISE UTILITY COMPANIES ONLY - MAY NOT BE SUBMITTED BY CONTRACTOR

E-mail to: TrafficControlPermit@sandiego.gov | Questions? Call 619-446-5150

City Comments:



APPROVED
TRAFFIC CONTROL PERMIT

MAR 25 2021

Original Permit
Must Be Kept On Job Sites
At All Times

APPROVED ☒ DENIED ☐

Date Reviewed

Reviewer's Name

Reviewer's Phone Number

Information Below must be **TYPED** and Completed by Franchise Utility Company Only

Date Submitted				Type of Work						
Utility Company	Contractor	Contact Name	Phone Number	Email Address	Lane Closure	1	Street Closure	2	Sidewalk Closure	3
Contact Name	Contact Name	Contact Name	Phone Number	Email Address	Alley Closure	4	Parking Lane	5	Detour	6
Phone Number	Phone Number	Phone Number	Phone Number	Email Address	Trenching	7	Flagging	8	Bike Lane	9
Email Address	Email Address	Email Address	Email Address	Email Address						

Street Name	From	To	Thomas Bros.	Start Date	End Date	Work Hours	Type of Work
Sample Street	Sample Road	Sample Avenue	1200-A1	xx/xx/xxxx	xx/xx/xxxx	8:30AM - 3:30PM	1,2,3,4,5,6,7,8,9

Applicant Comments:

Is this an
Extension?

☐ YES
☐ NO

Date of previous
approval:


• Completed **TYPED** form must be submitted a minimum of 2 working days prior to start of work.

• All plans shall be original, legible, and submitted in PDF format.

• No work on Saturdays, Sundays, and City-Observed Holidays unless authorized by City staff.


• Work affecting traffic signals requires a minimum of 5 working days advance notice - Contact Field Services at: jvaca@sandiego.gov

CONSTRUCTION SIGNS:




ROAD WORK AHEAD

W20-1




DETOUR AHEAD

W20-2




ROAD CLOSED AHEAD

W20-3




RIGHT LANE CLOSED AHEAD

W20-5RT




LEFT LANE CLOSED AHEAD

W20-5LT




BIKE LANE CLOSED AHEAD

W20-5BIKE




LANE CLOSED

W4-2 RT




LANE CLOSED

W4-2 LT




LANE CLOSED

C30CA




BIKE LANE CLOSED

C30CA(BIKE)




BE PREPARED TO STOP

W3-4



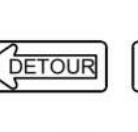
NARROW LANE

C9ACA



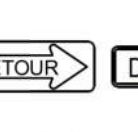
DETOUR

C12CA




DETOUR

M4-10(LT)



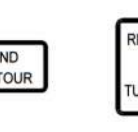
DETOUR

M4-10(RT)



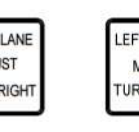
DETOUR

SC3(CA)




END DETOUR

M4-8A




RIGHT LANE MUST TURN RIGHT

R3-7




LEFT LANE MUST TURN LEFT

R3-7A




END ROAD WORK

G20-2




ONLY

R3-5(L)




ONLY

R3-5(R)




NO LEFT TURN

R3-1




NO RIGHT TURN

R3-2



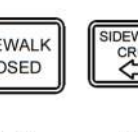
NO U-TURN

R3-18



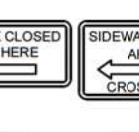
NO LEFT TURN

R3-4




SIDEWALK CLOSED

R9-9




SIDEWALK CLOSED

R9-11A




SIDEWALK CLOSED

R9-11L




NO PEDESTRIAN

R9-3A




SHOULDER WORK AHEAD

W1-4 (LT)




SHOULDER WORK AHEAD

W1-4(RT)




SHOULDER CLOSED

C24CA




SHOULDER CLOSED

C30A(CA)



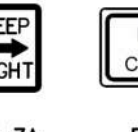
BIKE

W11-1



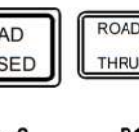
SHARE THE ROAD

W16-1P



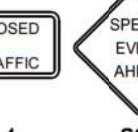
KEEP RIGHT

R4-7A




ROAD CLOSED

R11-2




ROAD CLOSED TO THRU TRAFFIC

R11-4



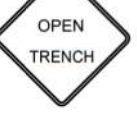
SPECIAL EVENT AHEAD

SC5




SINGLE LANE AHEAD

C21




OPEN TRENCH

C27




TRUCK CROSSING

W8-6



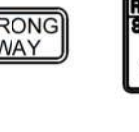
SLOW TRUCKS

W5-1




DO NOT ENTER

R5-1




WRONG WAY

R5-1A




ROAD WORK SPEED LIMIT 40

C17(FRONT)(40)




ROAD CLOSED

W6-3




RAMP CLOSED

SC6-3




RAMP CLOSED

SC6-4




STEEL PLATES AHEAD

W8-24




SHOULDER WORK

W21-5



40 MPH SPEED ZONE AHEAD

W3-5A(40)



APPROVED
TRAFFIC CONTROL PERMIT
MAR 25 2021
Original Permit
Must Be Kept On Job Sites
At All Times

CITY OF SAN DIEGO TRAFFIC CONTROL NOTES:

1. VALIDATION: THE TRAFFIC CONTROL PLAN IS NOT VALID UNTIL WORK DATES AND WORK HOURS ARE APPROVED. THE CONTRACTOR SHALL SUBMIT TWO (2) REDUCED COPIES OF TRAFFIC CONTROL PLANS (11"x17") TO THE TRAFFIC CONTROL PERMIT COUNTER, 3RD FLOOR DEVELOPMENT SERVICES CENTER, 1222 FIRST AVENUE, SAN DIEGO. THE CONTRACTOR SHALL OBTAIN A TRAFFIC CONTROL PERMIT A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO STARTING WORK, AND A MINIMUM OF FIVE (5) DAYS IF WORK WILL AFFECT A BUS STOP OR AN EXISTING TRAFFIC SIGNAL, OR IF WORK WILL REQUIRE A ROAD OR ALLEY CLOSURE.
2. CONTRACTOR SHALL NOTIFY THE CITY TRAFFIC ENGINEER AT (858) 495-4741 A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO ANY CONSTRUCTION WORK AFFECTING TRAFFIC SIGNALS.
3. STANDARDS: THE TRAFFIC CONTROL PLAN SHALL CONFORM TO THE MOST RECENT ADOPTED EDITION OF EACH OF THE FOLLOWING MANUALS:

DESCRIPTION	EDITION	DOCUMENT NO.
STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "GREENBOOK")	2015	PWPI070116-01
CITY OF SAN DIEGO STANDARD DRAWINGS	2016	PWPI070116-03
CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD)	2014	PWPI092816-07

4. NOTIFICATIONS: THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO ANY EXCAVATION, CONSTRUCTION, OR TRAFFIC CONTROL AFFECTING THE AGENCIES LISTED BELOW:

FIRE DEPARTMENT DISPATCH	(STREET OR ALLEY CLOSURE)	(858) 573-1300
POLICE DEPARTMENT DISPATCH	(STREET OR ALLEY CLOSURE)	(619) 531-2000
ENVIRONMENTAL SERVICES	(REFUSE COLLECTION)	(858) 492-5060
STREET DIVISION	(TRAFFIC SIGNALS)	(619) 527-7500
METROPOLITAN TRANSIT SYSTEM (MTS)	(BUS STOPS)	(619) 238-0100 EXT. 6451
METROPOLITAN TRANSIT SYSTEM (MTS)	(TAXI ZONES)	(619) 235-2644
METROPOLITAN TRANSIT SYSTEM (MTS)	(TROLLEY LINES)	(619) 595-4930
UNDERGROUND SERVICE ALERT	(ANY EXCAVATION)	(800) 422-4133

THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND TENANTS A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO CLOSURE OF DRIVEWAYS. THE CONTRACTOR SHALL POST SIGNS NOTIFYING THE PUBLIC A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO CLOSURE OF STREETS.

THE CONTRACTOR SHALL NOTIFY ENGINEERING FIELD DIVISION AT (858) 627-3200 AND ARRANGE FOR INSPECTION A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO STARTING ANY WORK INVOLVING NIGHTTIME OR WEEKEND HOURS.

5. POSTING PARKING RESTRICTIONS: THE CONTRACTOR SHALL POST TOW-AWAY/NO PARKING SIGNS TWENTY-FOUR (24) HOURS IN ADVANCE OF PARKING REMOVAL. SIGNS SHALL INDICATE SPECIFIC DAYS, DATES, AND TIMES OF RESTRICTIONS. PARKING METERS SHALL BE BAGGED WHERE APPLICABLE.
6. EXCAVATIONS: EXCEPT WHEN OTHERWISE SHOWN ON THE PLANS, ALL TRENCHES SHALL BE BACKFILLED OR TRENCH-PLATED AT THE END OF EACH WORKDAY. AN ASPHALT RAMP SHALL BE PLACED AROUND EACH TRENCH PLATE TO PREVENT THE PLATE FROM BEING DISLODGED. CONTRACTOR SHALL MONITOR TRENCH PLATES DURING NON-WORKING HOURS TO ENSURE THAT THEY DO NOT BECOME DISLODGED. UPON COMPLETION OF EXCAVATION BACKFILL, THE CONTRACTOR SHALL PROVIDE A SATISFACTORY SURFACE FOR TRAFFIC. WHEN CONSTRUCTION OPERATIONS ARE NOT ACTIVELY IN PROGRESS, THE CONTRACTOR SHALL MAINTAIN ALL TRAVEL LANES, BIKE LANES, AND PEDESTRIAN WALKWAYS IN THE RIGHT-OF-WAY EXCEPT WHEN OTHERWISE SHOWN ON THE PLANS.
7. COVERED PEDESTRIAN WALKWAY: THE CONTRACTOR SHALL CONTACT THE CITY RESIDENT ENGINEER AT (619) 627-3200 FOR INSPECTION OF ANY COVERED PEDESTRIAN WALKWAY DURING CONSTRUCTION OF SUCH WALKWAY.
8. RESTORATION OF ROADWAY: THE CONTRACTOR SHALL REPAIR OR REPLACE ALL EXISTING IMPROVEMENTS WITHIN RIGHT-OF-WAY NOT DESIGNATED FOR PERMANENT REMOVAL (TRAFFIC SIGNS, STRIPING, PAVEMENT MARKERS, PAVEMENT MARKINGS, LEGENDS, CURB MARKINGS, LOOP DETECTORS, TRAFFIC SIGNAL EQUIPMENT, ETC.) WHICH ARE DAMAGED OR REMOVED AS A RESULT OF OPERATIONS. REPAIRS AND REPLACEMENTS SHALL BE AT LEAST EQUAL TO EXISTING IMPROVEMENT.
9. CHANGE IN WORK: THE CITY ENGINEER RESERVES THE RIGHT TO OBSERVE THESE TRAFFIC CONTROL PLANS IN OPERATION AND TO MAKE ANY CHANGES AS HELD CONDITIONS WARRANT. ANY CHANGES SHALL BE DOCUMENTED AND SUPERCEDE THESE PLANS.

LEGEND:












-  FLASHING BEACON
-  DIRECTION OF TRAVEL
-  CONE/DELINEATOR
-  BARRICADE
-  FLAGGER
-  SIGN
-  RAILROAD TRACKS
-  FLASHING ARROW SIGN
-  CHANGEABLE MESSAGE SIGN
-  WORK AREA
-  SIGNALIZED INTERSECTION

TABLE I

RECOMMENDED SIGN SPACING FOR ADVANCE WARNING SIGN SERIES AND MINIMUM TAPER LENGTHS					
APPROACH SPEED (MPH)	MINIMUM DISTANCE IN FEET BETWEEN SIGNS AND FROM LAST SIGN TO TAPER	MAXIMUM DEVICE SPACING IN FEET	MINIMUM TAPER LENGTHS (L) (FEET) FOR 12-FOOT LANE		
			L	1/2 L	1/3 L
25	100	25	125	65	45
30	250	30	180	90	60
35	250	35	245	125	85
40	250	40	320	160	110
45	350	45	540	270	180
50	350	50	600	300	200
55+	350	50	660	330	220
L = FOR MERGE TAPER 1/2 L = FOR SHIFT TAPER 1/3 L = FOR SHOULDER TAPER					

TABLE 2

RECOMMENDED TAPER LENGTH AND MAXIMUM CHANNELIZER / CONE SPACING					
APPROACH SPEED (MPH)	BUFFER LENGTH (FEET)	MAX CONE SPACING			CONFLICT (**)
		TAPER	TANGENT	CONFLICT (**)	
25	155	25	50	12	
30	200	30	60	15	
35	250	35	70	17	
40	305	40	80	20	
45	360	45	90	22	
50	425	50	100	25	
50+	495	55	110	27	

NOTES:

TAPER FORMULA

$L = S \times W$ FOR SPEEDS > 40 MPH.

$L = \frac{W \times S^2}{60}$ FOR SPEEDS < 40 MPH.

WHERE:

L = MINIMUM LENGTH OF TAPER (FEET)

S = APPROACH SPEED (MPH) = POSTED SPEED LIMIT OF OFF-PEAK 85TH% SPEED PRIOR TO WORK STARTING OR ANTICIPATED OPERATING SPEED

W = WIDTH OF OFFSET (FEET)

(*) THIS TABLE IS PER 2014 CALIFORNIA MUTCD

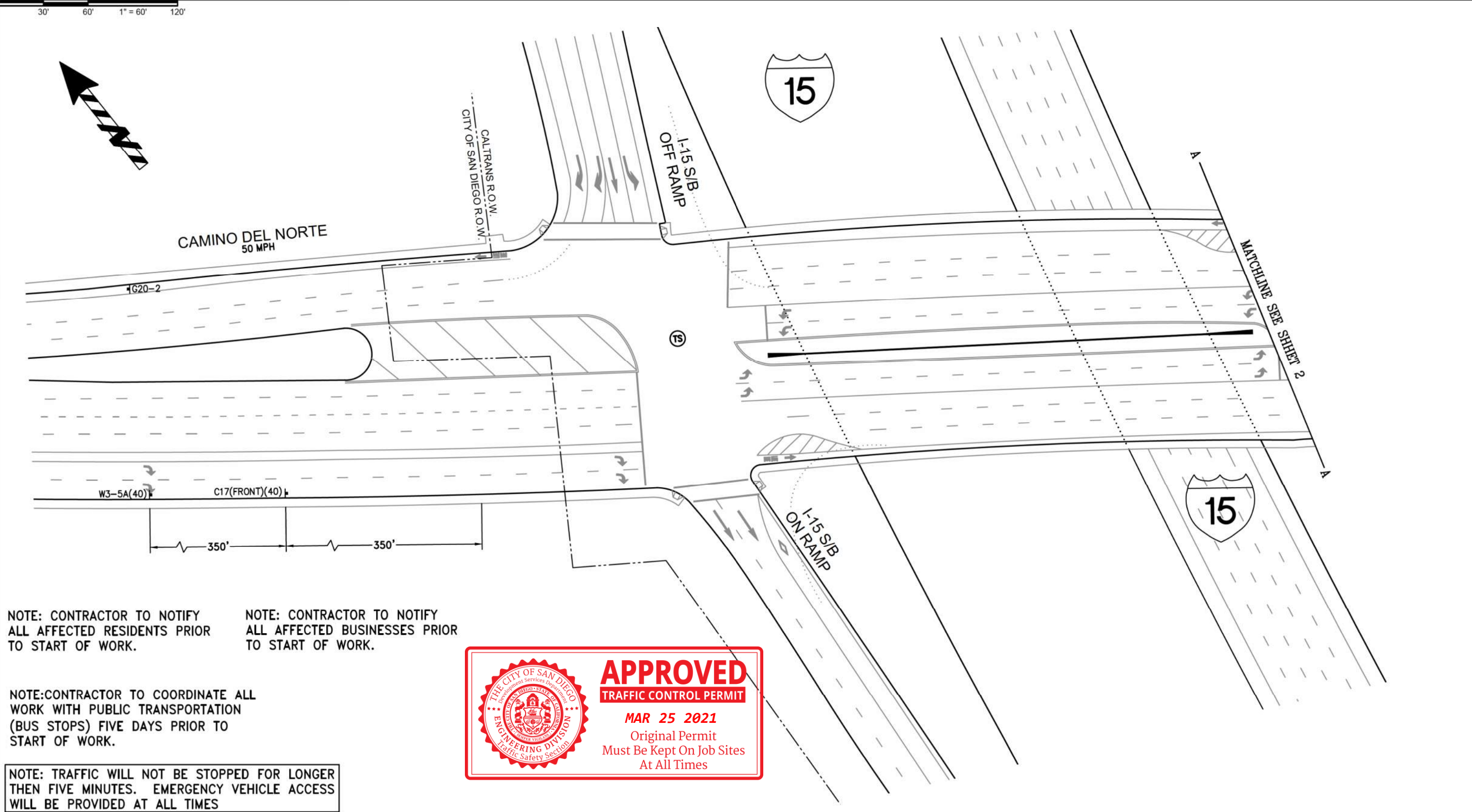
(**) FACING OPPOSING TRAFFIC, ADJACENT TO WORK AREA OF CONFLICTING WITH EXISTING STRIPING



1221 S. 26TH ST
SAN DIEGO, CA 92113
OFFICE: (858) 259-0300
FAX: (858) 259-0357

MAILING ADDRESS:
P.O. BOX 13459
SAN DIEGO, CA 92170

CAMINO DEL NORTE
CABLE CROSSING



NOTE: CONTRACTOR TO NOTIFY ALL AFFECTED RESIDENTS PRIOR TO START OF WORK.

NOTE: CONTRACTOR TO NOTIFY ALL AFFECTED BUSINESSES PRIOR TO START OF WORK.

NOTE: CONTRACTOR TO COORDINATE ALL WORK WITH PUBLIC TRANSPORTATION (BUS STOPS) FIVE DAYS PRIOR TO START OF WORK.

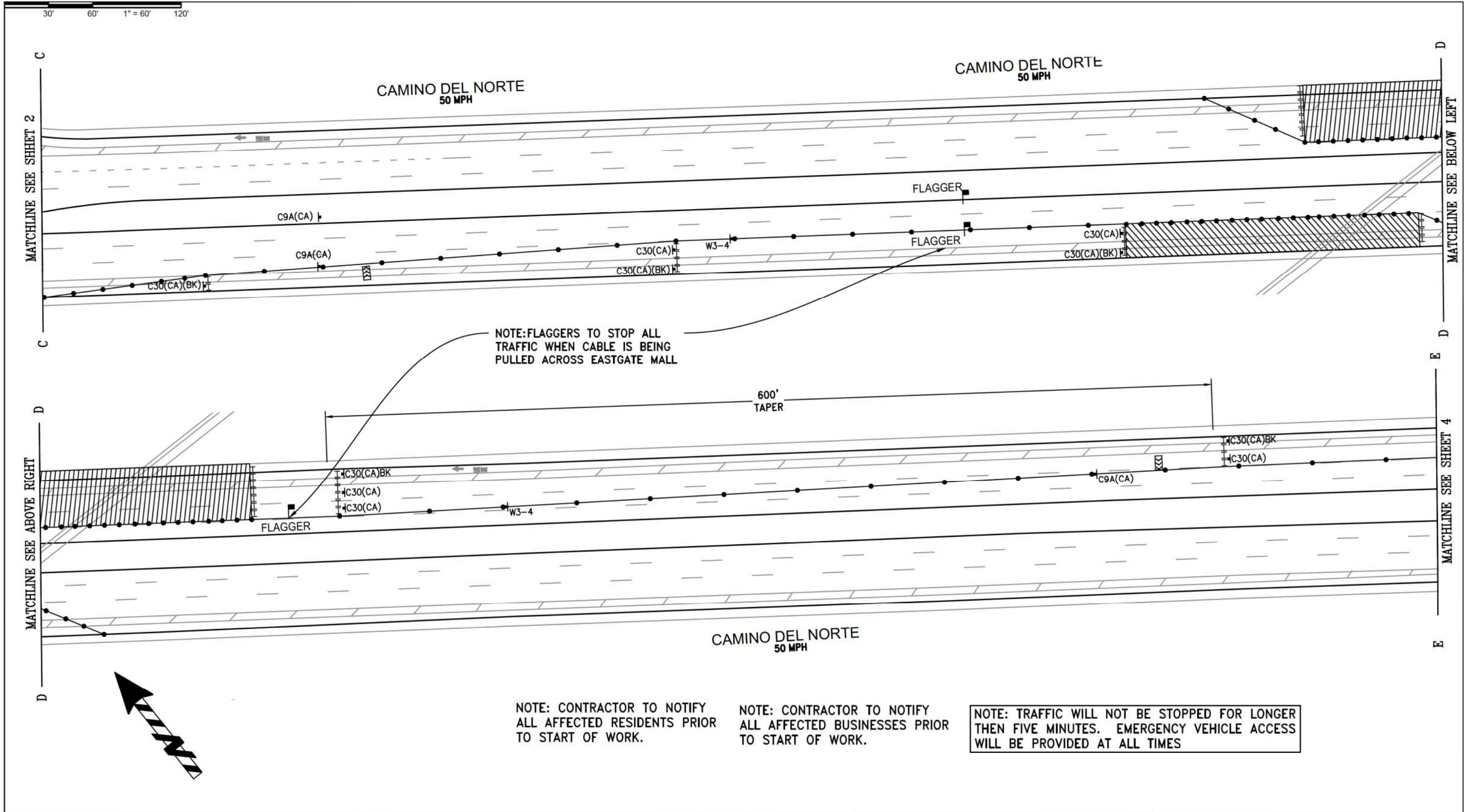
NOTE: TRAFFIC WILL NOT BE STOPPED FOR LONGER THEN FIVE MINUTES. EMERGENCY VEHICLE ACCESS WILL BE PROVIDED AT ALL TIMES

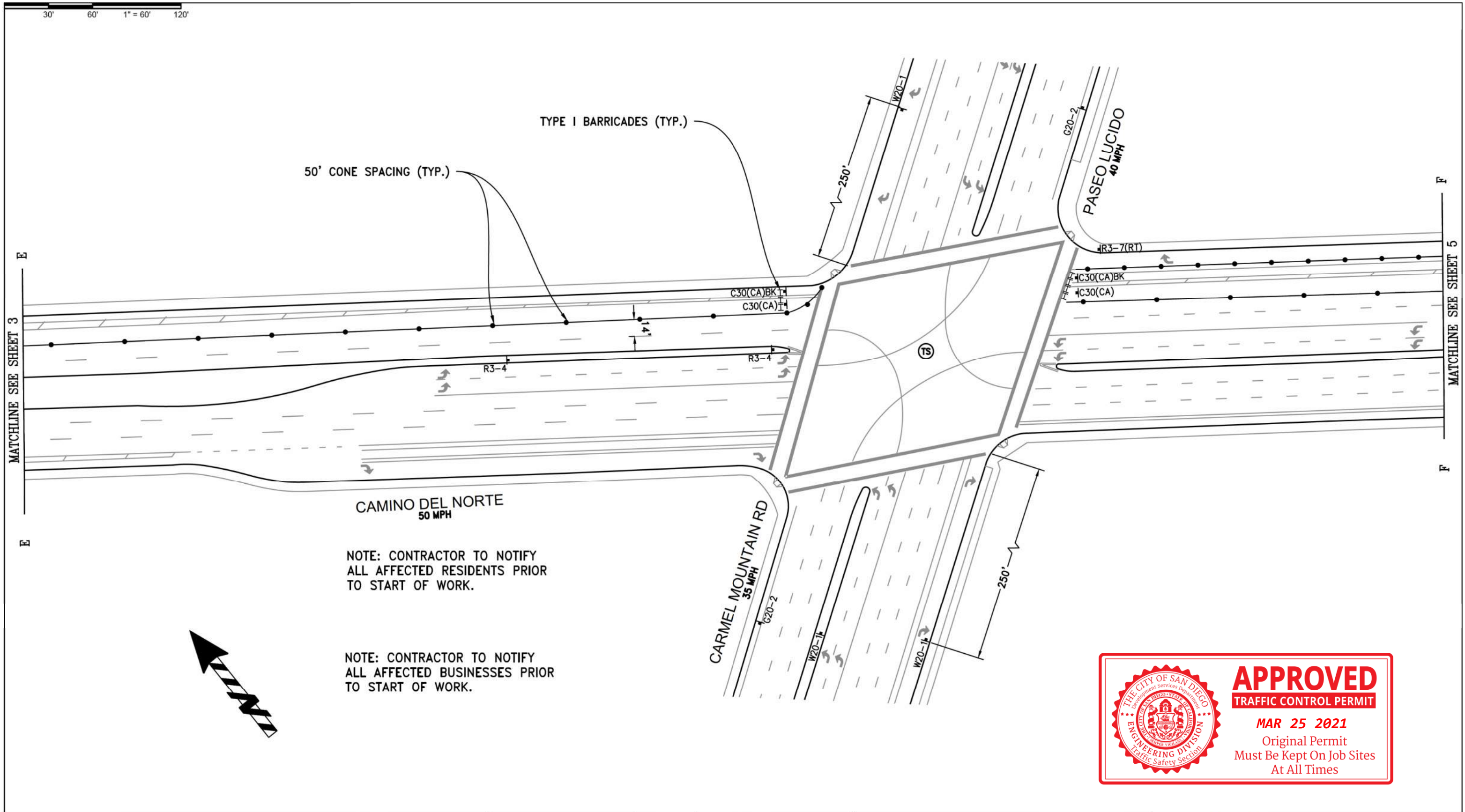


BECHTEL
SERVICES
LIC# 1008193

1221 S. 26TH ST
SAN DIEGO, CA 92113
OFFICE: (858) 259-0300
FAX: (858) 259-0357

POSTED SPEED LIMIT (MPH)	SEE PLAN	DRAWN BY: _____ JV	CABLE CROSSING		TRAFFIC CONTROL PLANS	
SIGN SPACING (FEET)	SEE PLAN				CITY OF SAN DIEGO	
TAPER LENGTH (FEET)	SEE PLAN					
CONE SPACING (FEET)	SEE PLAN					
		PROJECT NUMBER: _____	PROJECT INFORMATION			
		DATE: November 13, 2020	HENKELS & McCOY			
			COMPANY			
			MOE AL-KAT			
			PROJECT CONTACT			
			909.322.7157			
			PHONE			
					1170 - A6	SHEET 1 OF 5





POSTED SPEED LIMIT (MPH)	SEE PLAN	JV
SIGN SPACING (FEET)	SEE PLAN	DRAWN BY:
TAPER LENGTH (FEET)	SEE PLAN	PROJECT NUMBER:
CONE SPACING (FEET)	SEE PLAN	DATE: November 13, 2020

CABLE CROSSING
PROJECT INFORMATION
HENKELS & McCOY
COMPANY
MOE AL-KAT
PROJECT CONTACT
909.322.7157
PHONE

TRAFFIC CONTROL PLANS	
CITY OF SAN DIEGO	
1170 - A6	SHEET 4 OF 5

Appendix C

Nighttime Construction Noise Estimates

Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 3/4/2021

Case Description: SDG&E Nighttime Construction

Description	Land Use	Baselines (dBA)			---- Receptor #1 ----	
		Daytime	Evening	Night		
		40	40	40		

Description	Impact	Device	Usage (%)	Equipment		Receptor Distance (feet)	Estimated Shielding (dBA)
				Spec Lmax (dBA)	Actual Lmax (dBA)		
Backhoe	No		40		77.6	200	20
Generator	No		50		80.6	200	20
Compressor (air)	No		40		77.7	200	20
Excavator	No		40		80.7	200	20
Vacuum Street Sweeper	No		10		81.6	200	20
Dump Truck	No		40		76.5	200	20

Results

Calculated (dBA)

Equipment	*Lmax	Leq
Backhoe	45.5	41.5
Generator	48.6	45.6
Compressor (air)	45.6	41.6
Excavator	48.7	44.7
Vacuum Street Sweeper	49.5	39.5
Dump Truck	44.4	40.4
Total	49.5	50.6

*Calculated Lmax is the Loudest value.

Appendix D

Residential Notification Letter and Mailing List



Todd Voorhees
Regional Public Affairs Manager

8315 Century Park Court
San Diego, CA 92123

tvoorhees@sdge.com

April 10, 2021

Dear Resident or Property Owner:

The California Public Utilities Commission (CPUC) has granted San Diego Gas and Electric Company (SDG&E®) a Permit to Construct the Artesian 230kV Substation Expansion Project (Project). In addition to the expansion of the Artesian Substation on Camino Del Sur Road in the community of Del Sur, the project includes modifications at the existing Bernardo and Rancho Carmel Substations and transmission line replacement of approximately 2.2 miles of existing power lines.

The purpose of this Project is to ensure the continued availability of safe and reliable electrical service and to provide additional capacity to serve long-term forecasted electrical demand requirements in the area, while also improving system reliability and providing greater operational flexibility.

As part of construction activities, night work will be required to transfer wire from an existing pole to a new engineered pole and remove the existing pole within SDG&E's Rancho Carmel Substation.

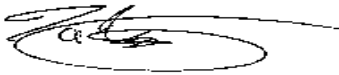
Location:	15255 Innovation Drive and Camino Del Norte
Activities:	As noted above
Work Dates:	Tuesday, April 19 through Thursday, April 28, 2021
Hours:	Overnight (7pm – 7am) each night

The work on site may increase noise levels and other disturbances within the existing substation site. Throughout this construction project, SDG&E will continue to work closely with local municipalities and community groups to ensure construction activities are as least disruptive as possible. We also plan to keep communities informed during all phases of the project's construction. We're committed to working with you and local public safety officials to help minimize inconveniences and safeguard a smooth construction process. For more project information, please visit: www.sdge.com/artesian.

Please note, construction dates are subject to change according to compliance requirements, inclement weather, or other unforeseen circumstances. We'll provide additional updates should construction dates change. Construction activities may take place in phases. This means work within the substation may occur intermittently and all construction activities required in this area may not be completed concurrently.

Should you have any questions or require additional information, please call **(844) 765-6388**, or email tvoorhees@sdge.com.

Sincerely,

A handwritten signature in black ink, appearing to read 'Todd Voorhees', with a large, sweeping flourish extending to the right.

Todd Voorhees
Regional Public Affairs Manager
San Diego Gas & Electric Company

COUNT	CUSTOMER NAME	ADDRESS	CITY_STATE_ZIP	RES_COM_APN
1	C V O P ASSOCIATES LLC	1011 CAMINO DEL RIO S #210	SAN DIEGO CA 92108	31340020
2	BERRIER ALAN&ELAINE TRUST	10390 RUE CHAMBERRY	SAN DIEGO CA 92131	31302120
3	WU FAMILY TRUST	10648 GRACEWOOD PL	SAN DIEGO CA 92130	31302120
4	DENG FAN	110 TURNSTONE	IRVINE CA 92618	31302120
5	CHRIS BUCKLEY	11602 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
6	NOEL ILOG	11602 VIA TAVITO	SAN DIEGO CA 92128	RESIDENTIAL
7	JARED SMITH	11603 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
8	WAAD K OMAR	11603 VIA TAVITO	SAN DIEGO CA 92128	RESIDENTIAL
9	ANTONIO ROCAMORA	11609 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
10	EMERY SKARUPA	11612 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
11	DANIEL G BAUMGART	11614 VIA TAVITO	SAN DIEGO CA 92128	RESIDENTIAL
12	ROY A MCDERMID	11615 VIA TAVITO	SAN DIEGO CA 92128	RESIDENTIAL
13	WALTER J SCHOPPE	11617 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
14	DAVE F CLASPILL	11620 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
15	MARCO A CRISOSTOMO	11625 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
16	CARLEE WEEKS	11625 VIA TAVITO	SAN DIEGO CA 92128	RESIDENTIAL
17	STEVE MILLER	11626 VIA TAVITO	SAN DIEGO CA 92128	RESIDENTIAL
18	SUBHASH KATBAMNA	11635 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
19	RAMI SALEM	11638 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
20	JASON SURYA	11639 VIA TAVITO	SAN DIEGO CA 92128	RESIDENTIAL
21	FADWA HARB	11640 VIA TAVITO	SAN DIEGO CA 92128	RESIDENTIAL
22	PHILLIP J FRANCHINA	11645 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
23	SHERYL WONG	11648 VIA TAVITO	SAN DIEGO CA 92128	RESIDENTIAL
24	THERESA MESSNER	11650 VIA TAVITO	SAN DIEGO CA 92128	RESIDENTIAL
25	MARGARET DUNN	11652 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
26	JAMES M HOFFMANN	11655 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
27	DANIEL N CRAMER	11655 VIA TAVITO	SAN DIEGO CA 92128	RESIDENTIAL
28	DOUGLAS BRADT	11661 VIA TAVITO	SAN DIEGO CA 92128	RESIDENTIAL
29	RICK ECKMANN	11662 VIA TAVITO	SAN DIEGO CA 92128	RESIDENTIAL
30	SHAHIN ASKARI	11663 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
31	ART KOHRMANN	11667 VIA TAVITO	SAN DIEGO CA 92128	RESIDENTIAL
32	MICHAEL J WU	11671 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
33	FU SHYONG JU	11672 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
34	CAROLE MCDERMOTT	11672 VIA TAVITO	SAN DIEGO CA 92128	RESIDENTIAL
35	MIKE B MATHIAS	11673 VIA TAVITO	SAN DIEGO CA 92128	RESIDENTIAL
36	MARK FARRINGTON	11679 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
37	XINHONG WANG	11679 VIA TAVITO	SAN DIEGO CA 92128	RESIDENTIAL
38	SYLVIA ROWIN	11682 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
39	DENNIS KOOB	11685 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
40	BROOKE FUNDERBURK	11685 VIA TAVITO	SAN DIEGO CA 92128	RESIDENTIAL
41	HUNGJU LEE	11690 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
42	NIKHIL B VARIAYA	11691 VIA FIRUL	SAN DIEGO CA 92128	RESIDENTIAL
43	MELISSA KURSCHNER	11691 VIA TAVITO	SAN DIEGO CA 92128	RESIDENTIAL
44	SANSA OCEAN ENTERPRISES L L C	11835 CARMEL MOUNTAIN RD 1304-232	SAN DIEGO CA 92128	31302120
45	PAUL MCCLAY	11849 AVENIDA SIVRITA	SAN DIEGO CA 92128	RESIDENTIAL
46	ALEXANDRA M KOPJAK	11897 AVENIDA SIVRITA	SAN DIEGO CA 92128	RESIDENTIAL
47	NHUONG B NGUYEN	11913 AVENIDA SIVRITA	SAN DIEGO CA 92128	RESIDENTIAL
48	JAMES E PORTER III	11929 AVENIDA SIVRITA	SAN DIEGO CA 92128	RESIDENTIAL
49	LUIGI FARACE	11935 AVENIDA SIVRITA	SAN DIEGO CA 92128	RESIDENTIAL
50	KENT A RUMP	11949 AVENIDA SIVRITA	SAN DIEGO CA 92128	RESIDENTIAL
51	POOLADZANDI SHABAHAM	12 ARCHIPELAGO DR	NEWPORT COAST CA 92657	31345041
52	PETER J SARACHMAN	12007 ALTA CARMEL CT 315	SAN DIEGO CA 92128	RESIDENTIAL
53	ASHLEY D LOZA	12007 ALTA CARMEL CT 316	SAN DIEGO CA 92128	RESIDENTIAL
54	NATALIA ERMOLAEVA	12007 ALTA CARMEL CT 317	SAN DIEGO CA 92128	RESIDENTIAL
55	STANLEY BURG	12007 ALTA CARMEL CT 318	SAN DIEGO CA 92128	RESIDENTIAL
56	CECILIA I SARMIENTO	12007 ALTA CARMEL CT 319	SAN DIEGO CA 92128	RESIDENTIAL
57	HSUN-JOU HSU	12007 ALTA CARMEL CT 320	SAN DIEGO CA 92128	RESIDENTIAL
58	ELENA GHREITER	12007 ALTA CARMEL CT 321	SAN DIEGO CA 92128	RESIDENTIAL
59	THOMAS BORNEMISZA	12007 ALTA CARMEL CT 322	SAN DIEGO CA 92128	RESIDENTIAL
60	NATASHA IVASHCHENKO	12007 ALTA CARMEL CT 323	SAN DIEGO CA 92128	RESIDENTIAL
61	DANIELLE LUCIA	12007 ALTA CARMEL CT 324	SAN DIEGO CA 92128	RESIDENTIAL
62	MICHAEL D BROWN	12007 ALTA CARMEL CT 325	SAN DIEGO CA 92128	RESIDENTIAL
63	ALEX RAPTIS	12007 ALTA CARMEL CT 326	SAN DIEGO CA 92128	RESIDENTIAL
64	DIMITRY MISHENIN	12007 ALTA CARMEL CT 327	SAN DIEGO CA 92128	RESIDENTIAL
65	HOLLY BAEHRENS	12007 ALTA CARMEL CT 328	SAN DIEGO CA 92128	RESIDENTIAL
66	LUKE ANDERSEN	12007 ALTA CARMEL CT 329	SAN DIEGO CA 92128	RESIDENTIAL

67	ANNE JACKSON	12007 ALTA CARMEL CT 330	SAN DIEGO CA 92128	RESIDENTIAL
68	RACHEL BRODY	12007 ALTA CARMEL CT 331	SAN DIEGO CA 92128	RESIDENTIAL
69	JECK WILD	12007 ALTA CARMEL CT 332	SAN DIEGO CA 92128	RESIDENTIAL
70	WILLIAM KIM	12007 ALTA CARMEL CT 333	SAN DIEGO CA 92128	RESIDENTIAL
71	HELEN T RUSSOM	12007 ALTA CARMEL CT 334	SAN DIEGO CA 92128	RESIDENTIAL
72	AIRRION WISDOM	12007 ALTA CARMEL CT 335	SAN DIEGO CA 92128	RESIDENTIAL
73	RICO BILLONES	12007 ALTA CARMEL CT 336	SAN DIEGO CA 92128	RESIDENTIAL
74	RONELL SANTOS	12007 ALTA CARMEL CT 337	SAN DIEGO CA 92128	RESIDENTIAL
75	JEONGIN SHIN	12007 ALTA CARMEL CT 338	SAN DIEGO CA 92128	RESIDENTIAL
76	DANILO ARLANTICO	12049 AVENIDA SIVRITA	SAN DIEGO CA 92128	RESIDENTIAL
77	EMMA ARLANTICO-CARROLL	12063 AVENIDA SIVRITA	SAN DIEGO CA 92128	RESIDENTIAL
78	ALAN SHU	12097 AVENIDA SIVRITA	SAN DIEGO CA 92128	RESIDENTIAL
79	SANCHEZ ADRIAN V TRUST	12604 CARMEL COUNTRY RD #19	SAN DIEGO CA 92130	31302120
80	J T & T P INVESTMENT L L C	13388 HIGHLANDS RANCH RD	POWAY CA 92064	31338210
81	ZHANG LIHUA	13832 WAYLAND GROVE CT	POWAY CA 92064	31302120
82	NORTHROP GRUMMAN SYSTEMS CRP	15120 INNOVATION DR	SAN DIEGO CA 92128	INDUSTRIAL
83	PHAMATECH INC	15175 INNOVATION DR	SAN DIEGO CA 92128	COMMERCIAL
84	HITACHI DATA SYSTEMS	15231 AVENUE OF SCIENCE	SAN DIEGO CA 92128	COMMERCIAL
85	I D ANALYTICS INC	15253 AVENUE OF SCIENCE	SAN DIEGO CA 92128	COMMERCIAL
86	S W K PROPERTIES LLC	15255 INNOVATION DR	SAN DIEGO CA 92128	31340022
87	GIORGIO ASSOCIATES LLC	15373 INNOVATION DR 100	SAN DIEGO CA 92128	COMMERCIAL
88	ADAPTIVE DYNAMICS INC	15373 INNOVATION DR 115	SAN DIEGO CA 92128	COMMERCIAL
89	BETA HEALTH CARE GROUP	15373 INNOVATION DR 120	SAN DIEGO CA 92128	COMMERCIAL
90	KC MVP LLC	15373 INNOVATION DR 130	SAN DIEGO CA 92128	COMMERCIAL
91	C V O P ASSOCIATES LLC	15373 INNOVATION DR 160	SAN DIEGO CA 92128	
92	GATES O'DOHERTY GONTER & GUY	15373 INNOVATION DR 170	SAN DIEGO CA 92128	COMMERCIAL
93	V CORP TECHNOLOGY INC	15373 INNOVATION DR 180	SAN DIEGO CA 92128	COMMERCIAL
94	SLATER AND TRUXAW LLP	15373 INNOVATION DR 200	SAN DIEGO CA 92128	COMMERCIAL
95	ETHERAPYFINDER	15373 INNOVATION DR 210	SAN DIEGO CA 92128	COMMERCIAL
96	BETH SCALONE PT INC	15373 INNOVATION DR 218A	SAN DIEGO CA 92128	COMMERCIAL
97	APPLIED DATA FINANCE / WESTERN & SOUTHERN LIFE	15373 INNOVATION DR 250A	SAN DIEGO CA 92128	COMMERCIAL
98	PEACHJAR INC	15373 INNOVATION DR 300	SAN DIEGO CA 92128	COMMERCIAL
99	VOYANT ADVISORS LLC	15373 INNOVATION DR 365	SAN DIEGO CA 92128	COMMERCIAL
100	ALLIED ELECTRONICS INC	15373 INNOVATION DR 380	SAN DIEGO CA 92128	COMMERCIAL
101	THE ROTH LAW FIRM	15373 INNOVATION DR 385	SAN DIEGO CA 92128	COMMERCIAL
102	LOUIS BERGER INC	15373 INNOVATION DR 390	SAN DIEGO CA 92128	COMMERCIAL
103	ORCHID HEALTHCARE	15373 INNOVATION DR 395	SAN DIEGO CA 92128	COMMERCIAL
104	NANCY TRUITT	15375 TETILLAS CT	SAN DIEGO CA 92128	RESIDENTIAL
105	JACK M PARK	15378 TETILLAS CT	SAN DIEGO CA 92128	RESIDENTIAL
106	ROMA B STRONACH	15398 TETILLAS CT	SAN DIEGO CA 92128	RESIDENTIAL
107	JOHN SR SLUBOWSKI	15402 VIA PENOLES	SAN DIEGO CA 92128	RESIDENTIAL
108	TOM DOLAN	15403 VIA PENOLES	SAN DIEGO CA 92128	RESIDENTIAL
109	BERTA CUARON	15422 VIA PENOLES	SAN DIEGO CA 92128	RESIDENTIAL
110	JESUS J MELLIZA	15425 VIA PENOLES	SAN DIEGO CA 92128	RESIDENTIAL
111	KERRY MC QUADE	15432 VIA PENOLES	SAN DIEGO CA 92128	RESIDENTIAL
112	CHARLES GARRISON	15442 VIA PENOLES	SAN DIEGO CA 92128	RESIDENTIAL
113	TERRY MCGUFFEY	15445 VIA PENOLES	SAN DIEGO CA 92128	RESIDENTIAL
114	GUPTA FAMILY TRUST	158 MONTELENA CT	MOUNTAIN VIEW CA 94040	31349262
115	COMMUNITY ASSOCIATION OF BERNARDO HEIGHTS THE	16150 BERNARDO HEIGHTS PKY	SAN DIEGO CA 92128	31349274
116	FAN SUCHUAN CHEN; RICE JOYCE FAN	2155 GUILFORD ST #2	HUNTINGTON IN 46750	31345044
117	LOBUONO GASPERE & LOUISE A	24635 VAN ZANDT AVE	DOUGLASTON NY 11362	31349266
118	TRW INC TAX DEPT M/S 11163A	2980 FAIRVIEW PARK DR	FALLS CHURCH VA 22042	31374007
119	MISHENIN DIMITRY & LAVER SVETLANA	2996 BRIONA CT	SAN JOSE CA 95124	31302120
120	QUE RUSTICO B & ABELLA S	3117 RUE MONTREUX	ESCONDIDO CA 92026	31345042
121	SAN DIEGO 2 LLC C/O CUSHMAN WAKEFIELD-JENNIFER RE	3870 MURPHY CANYON RD #150	SAN DIEGO CA 92123	31374010
122	ROCAMORA ANTONIO V	45539 HAWK CT	TEMECULA CA 92592	31345024
123	HUI GUO	6915 QUAIL PL #G	CARLSBAD CA 92009	31302120
124	OSTERHOUT BRIAN	790 BUTTERFIELD RD	WOODSTOCK IL 60098	31302120
125	DEMCHAK BARRY	P O BOX 12761	LA JOLLA CA 92039	31302120
126	CHIU FAMILY TRUST	P O BOX 503564	SAN DIEGO CA 92150	31349267
127	HANSON BILL LIVING TRUST C/O QIBING HURWTIZ	P O BOX 911099	SAN DIEGO CA 92191	31302120
128	LESLIE MCFADDEN C/O KP ENVIRONMENTAL	5626 S SAILORS REEF RD	TEMPE AZ 85283	
129	STATE OF CALIFORNIA	15333 AVENUE OF SCIENCE 200	SAN DIEGO CA 92128	COMMERCIAL
130	SAN DIEGO COUNTY SHERIFF'S DEPT	10282 RANCHO BERNARDO RD	SAN DIEGO CA 92127	
131	SAN DIEGO FIRE-RESCUE DEPT STATION 42	12110 WORLD TRADE DR	SAN DIEGO CA 92128	
132	CARMEL MTN RCH BUS ASSOC & IL PALIO HOA C/O WALTERS MGMT	9665 CHESAPEAKE DR STE 300	SAN DIEGO CA 92123	RESIDENTIAL