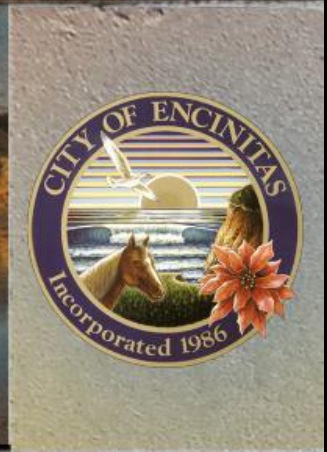
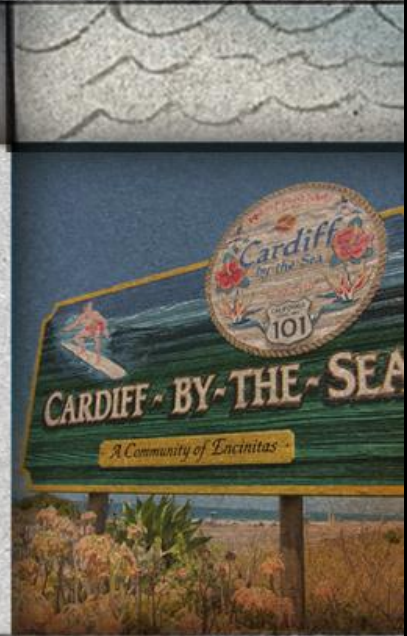


PATH, PRESENT & FUTURE

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BIRMINGHAM DRIVE  
STREETScape PROJECT



# CITY OF ENCINITAS

Birmingham Drive Complete Streets Project

April 19, 2021



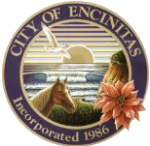
Julie Ballesteros, Project Manager  
Josh Stone, Design Manager, Michael Baker Intl.  
Maegan Murphy, Public Affairs, SDG&E



# BIRMINGHAM DRIVE COMPLETE STREETS

## Agenda

- Project Location
- Project Goals
- Project History
- Project Features
- Project Schedule



# BIRMINGHAM DRIVE COMPLETE STREETS

Project Location



# BIRMINGHAM DRIVE COMPLETE STREETS

## Project Goals

### Traffic Calming and Safety

- Roundabout at Newcastle Drive
- Pavement overlay
- Underground utilities

### Improved Mobility

- New sidewalks
- Designated Bike lane (east-bound)
- Upgraded street lighting
- ADA compliant ramps and enhanced crossings

### Storm Water Treatment

- Low Impact Design with Landscaping/Rain Gardens
- Bioretention

### Reclaimed Water

- SEJPA to fund pending construction costs
- San Elijo Ave. - Mozart Ave. to Birmingham Dr.
- Birmingham Dr. – San Elijo Ave. to Glasgow Ave.

# BIRMINGHAM DRIVE COMPLETE STREETS

## Project History

June 2017 – City Council awarded design contract to Michael Baker Intl.

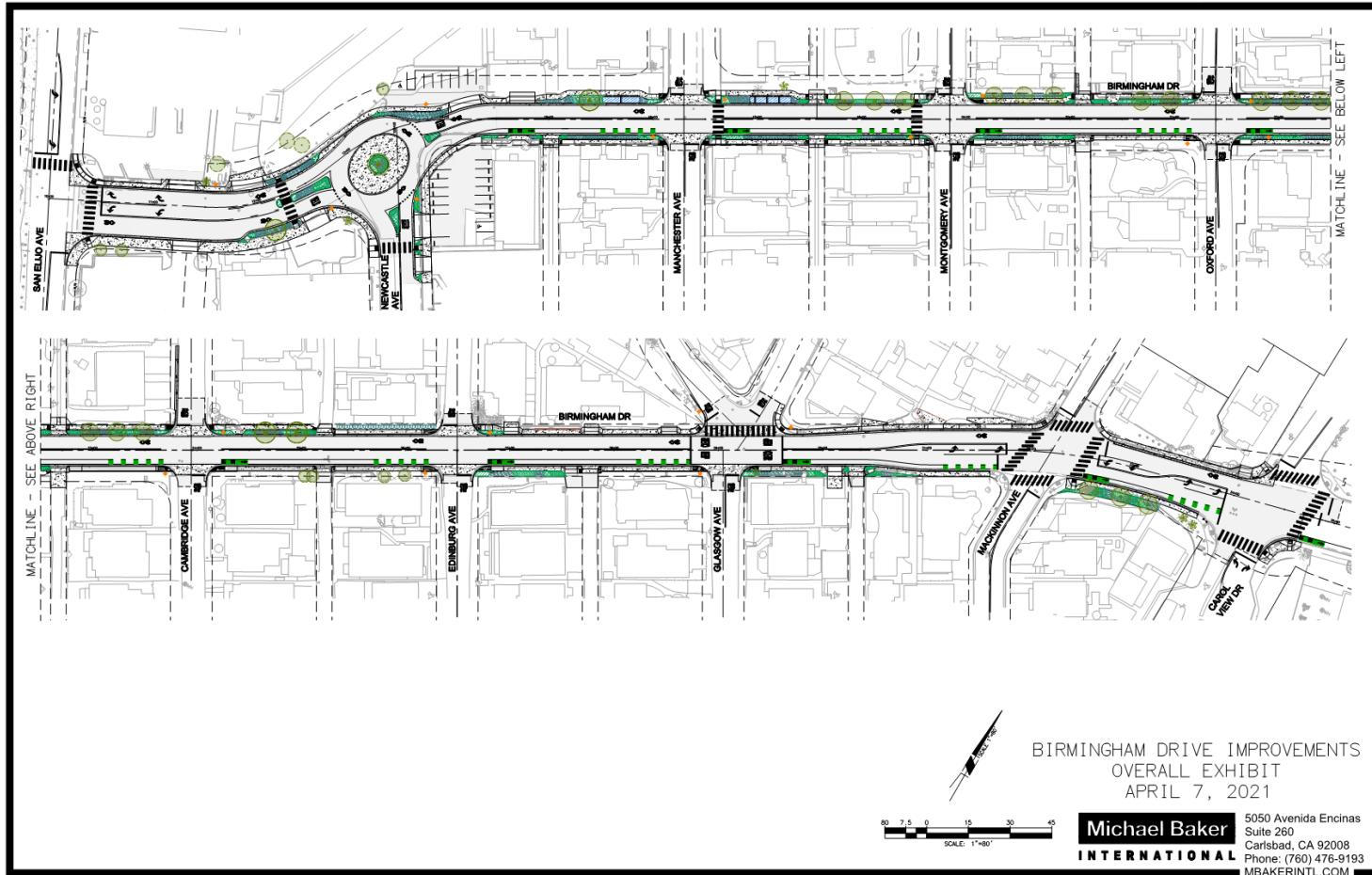
November 2017 – Public Workshop #1

September 2018 – City Council adopted the formation of Underground Utility District No. 18

February 2021- City Council extended contract with Michael Baker Intl

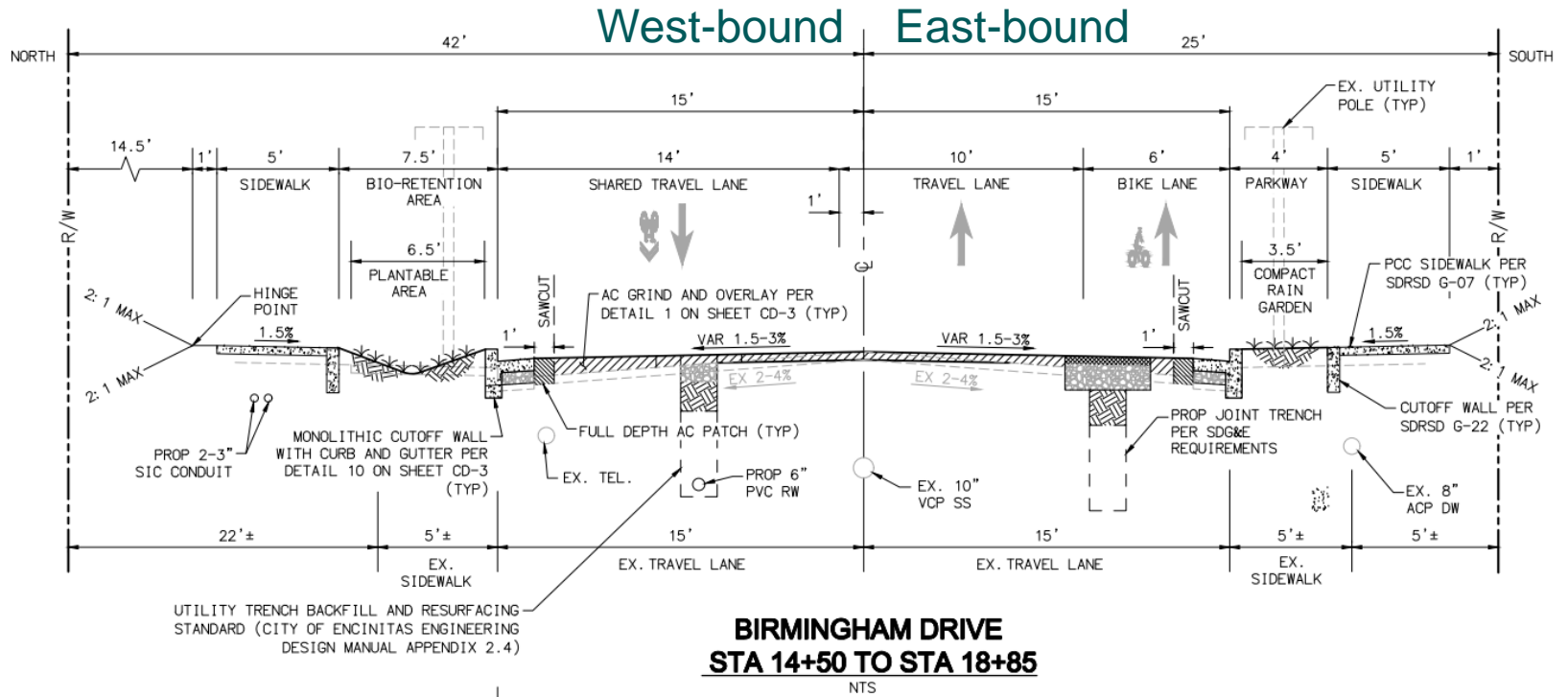
# BIRMINGHAM DRIVE COMPLETE STREETS

## Overall Exhibit



# BIRMINGHAM DRIVE COMPLETE STREETS

## Typical Cross-Section





# BIRMINGHAM DRIVE COMPLETE STREETS

## Plant Palette



STRAWBERRY TREE



REDBUD



PINK TRUMPET TREE



AFRICAN TULIP TREE



CAROLINA CHERRY



KIWI AEONIUM



BLUE AGAVE



ALOE



SANDHILL SAGE



ATLAS FESCUE



BULBINE



GREEN CISTANTHE



GOLD COIN



DIANELLA



HENS & CHICKS



CA. GRAY RUSH



COYOTE MINT



WHITE SAGE



CA. BLACK SAGE



MEXICAN BUSH SAGE



SANTOLINA



SEDUM



BLUE CHALK



NARROW CHALK



VERBENA

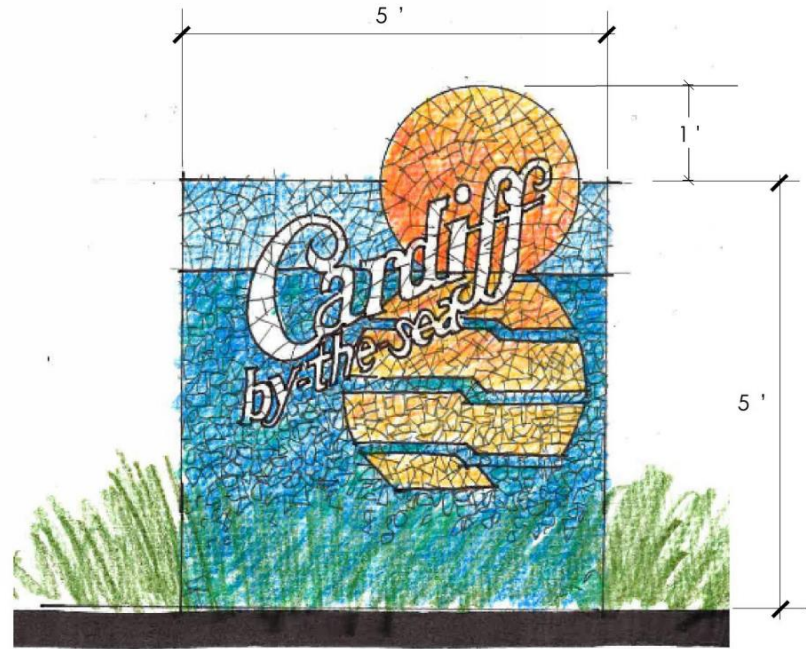


# BIRMINGHAM DRIVE COMPLETE STREETS

## Gateway Sign



A EXISTING SIGN



B MOSAIC TILE SIGN

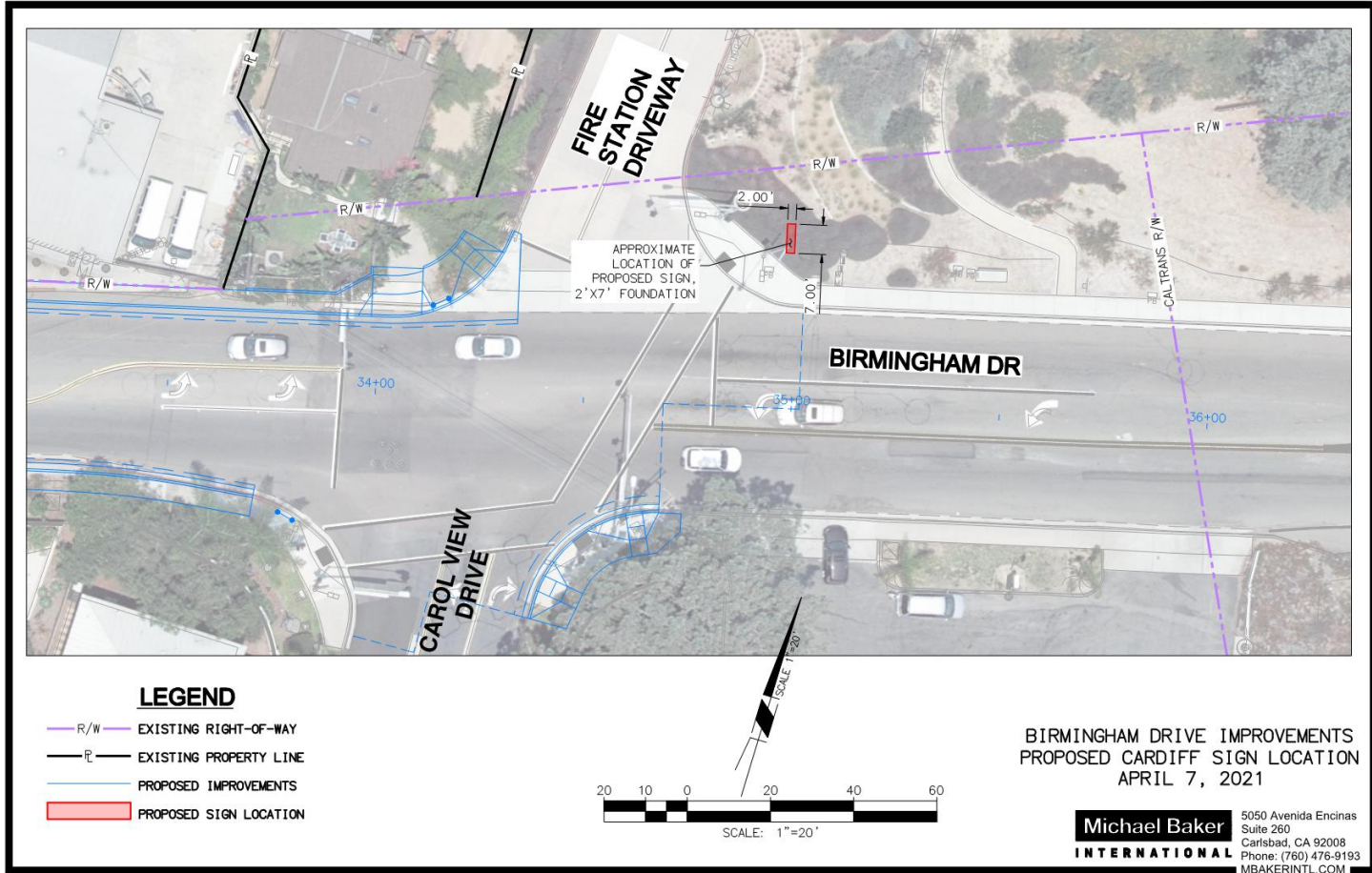
GATEWAY SIGN

A GREEN PATH



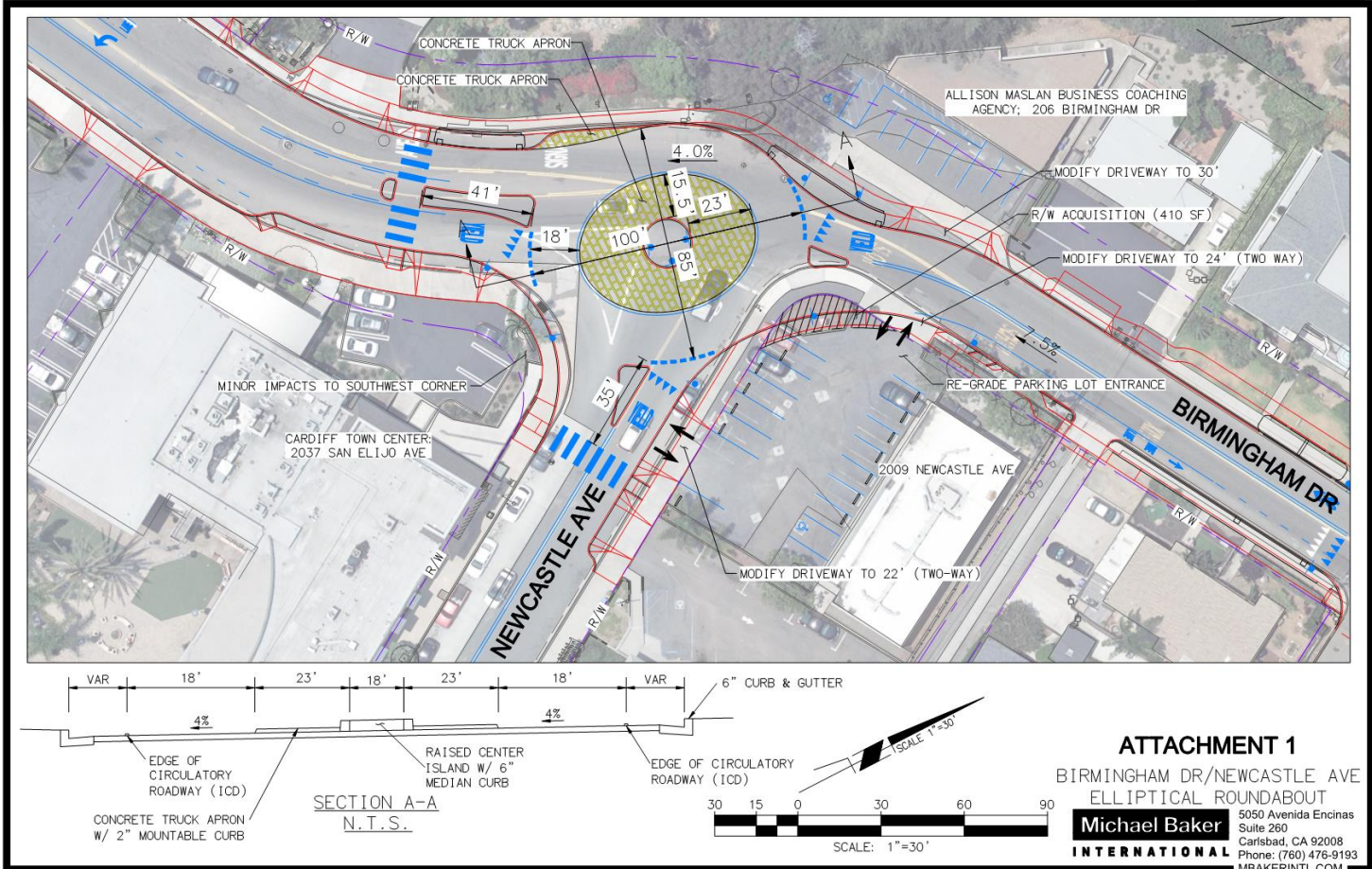
# BIRMINGHAM DRIVE COMPLETE STREETS

## Gateway Sign Location



# BIRMINGHAM DRIVE COMPLETE STREETS

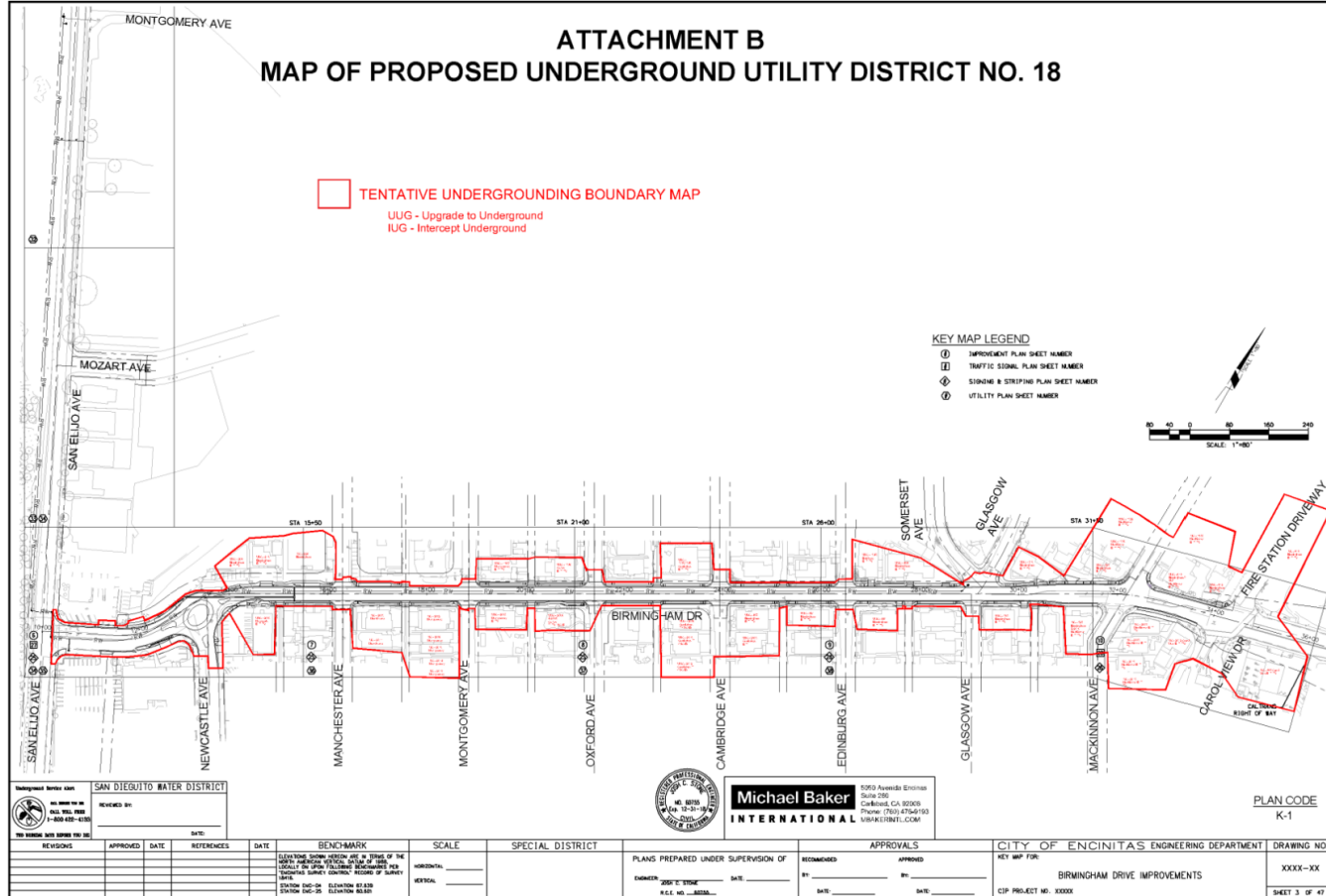
## Roundabout Layout



**ATTACHMENT 1**  
 BIRMINGHAM DR/NEWCASTLE AVE  
 ELLIPTICAL ROUNDABOUT  
 5050 Avenida Encinas  
 Suite 260  
 Carlsbad, CA 92008  
 Phone: (760) 476-9193  
**Michael Baker**  
**INTERNATIONAL**  
 MBAKERINTL.COM

# BIRMINGHAM DRIVE COMPLETE STREETS

## Underground Utility District Map



# BIRMINGHAM DRIVE COMPLETE STREETS

## Underground Utility Before and After



Photo of Street With Utility  
Poles



Photo of Street Without  
Utility Poles  
*(Photo has been Digitally  
Altered)*

# BIRMINGHAM DRIVE COMPLETE STREETS

## Project Schedule

Major Milestone	Estimated Date
1 <sup>st</sup> CPP Public Workshop	November 13, 2017
2 <sup>nd</sup> CPP Public Workshop	April 19, 2021
Planning Commission	May 2021
100% PS&E (Final Design)	June 2021
Advertise Project for Bid*	July 2021
Award Construction Contract	August 2021
Construction Start	September 2021
Construction Completion	April 2023

\* Pending funding appropriation and grant



# Questions?

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**760-633-2778**

**[JBallesteros@EncinitasCA.gov](mailto:JBallesteros@EncinitasCA.gov)**