



AGENDA REPORT
CITY OF SAN CLEMENTE
City Council Meeting

910 Calle Negocio
2nd Floor
San Clemente, California
www.san-clemente.org

Meeting Date: 1/17/2023

Agenda Item: 6G.

Department: Public Works
Prepared By: Amir K. Ilkhanipour, Principal Civil Engineer

Subject:
ACCEPTANCE AND NOTICE OF COMPLETION FOR PURCHASE AND INSTALLATION OF STORM DRAIN TRASH CAPTURE DEVICES FOR THE SAN CLEMENTE PIER AND PICO CORRIDOR PROJECT AREA, CIP PROJECT NO. 23805

Fiscal Impact:
The project cost of \$308,500 is within the approved construction budget of \$360,000 from the Clean Ocean Fund Reserve. To minimize the impact on the Clean Ocean Fund Reserve, the City was approved for a \$240,000 grant that will be reimbursed by the Orange County Transportation Authority (OCTA) after project completion.

Summary:
Acceptance and Notice of Completion to G2 Construction, Inc. for contract work on the purchase and installation of storm drain trash capture devices for the San Clemente Pier and Pico Corridor Project Area. Refer to Attachment 1 for Location Map and Attachment 2 for Notice of Completion.

Background:
On September 20, 2022, the City Council awarded a construction contract to G2 Construction, Inc. to purchase and install trash capture devices in the Pier and Pico Corridor area. The City is subject to a mandate requiring the installation of such devices to capture litter and trash as small as 5mm in size to prevent debris from reaching any receiving waters such as the Pacific Ocean by the State Water Resources Control Board (SWRCB). The City has until 2031 to retrofit catch basins that drain commercial, industrial and high-density residential land uses.

A summary of the construction expenditures is provided below:

Administration and Project Management	\$ 1,000
Construction Management and Inspection	1,000
<u>Construction</u>	<u>306,500</u>
Total Project cost	\$308,500

The City was awarded a \$240,000 M2 Project X Environmental Cleanup Program Tier 1 Grant from the OCTA in the fall of 2021. Upon receipt of a recorded Notice of Completion from the County of Orange Recorder’s office, staff will work with OCTA to finalize the reimbursement.

Plan and Policy Consistency:
The project is consistent with the following General Plan Goals and Policies:

- Stormwater and Urban Runoff - To protect and preserve the quality of local surface waters, community public health and the environment through implementation of activities to reduce stormwater and also to reduce or eliminate urban runoff pollution from industrial, commercial, new development and construction, and residential areas that may enter the storm drainage system and discharge to local creeks or coastal waters.
- Policy PSFU-7.13. We implement pollution prevention methods supplemented by pollutant source controls and treatment. We use collection strategies located at, or as close as possible to, the source (e.g., the point where water initially meets the ground) to minimize the transport of urban runoff and pollutants offsite and into the municipal storm drain system and coastal waters.

Council Strategy:

The project is consistent with Council Strategy 3 - Update and maintain infrastructure that reflects best available technology and service in that the project maintains City infrastructure.

Recommended Actions:

1. Accept the Purchase and Installation of Storm Drain Trash Capture Devices for the San Clemente Pier and Pico Corridor Project Area, CIP Project No. 23805, from G2 Construction, Inc.;
2. Authorize the Public Works Director/City Engineer to execute and record the Notice of Completion for the Purchase and Installation of Storm Drain Trash Capture Devices for the San Clemente Pier and Pico Corridor Project Area, CIP Project No. 23805; and
3. Authorize the City Clerk to release the Payment Bond 35 days from the recordation of the Notice of Completion upon verification with the Engineering Division that no liens have been levied against the Contractor, G2 Construction, Inc.

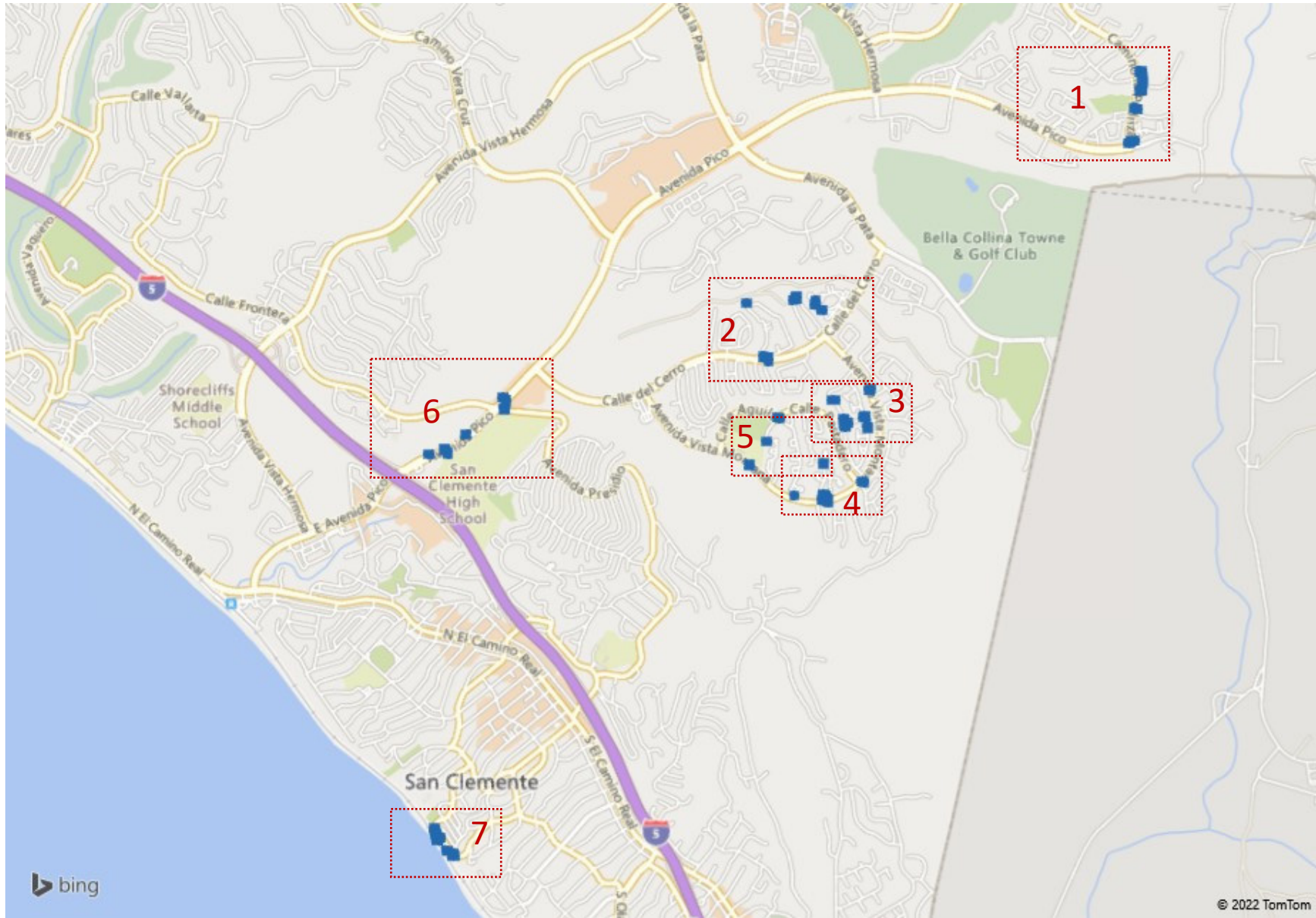
Attachment:

1. Location Map
2. Notice of Completion
3. Staff Report Dated September 20, 2022 (without attachments)

Notification:

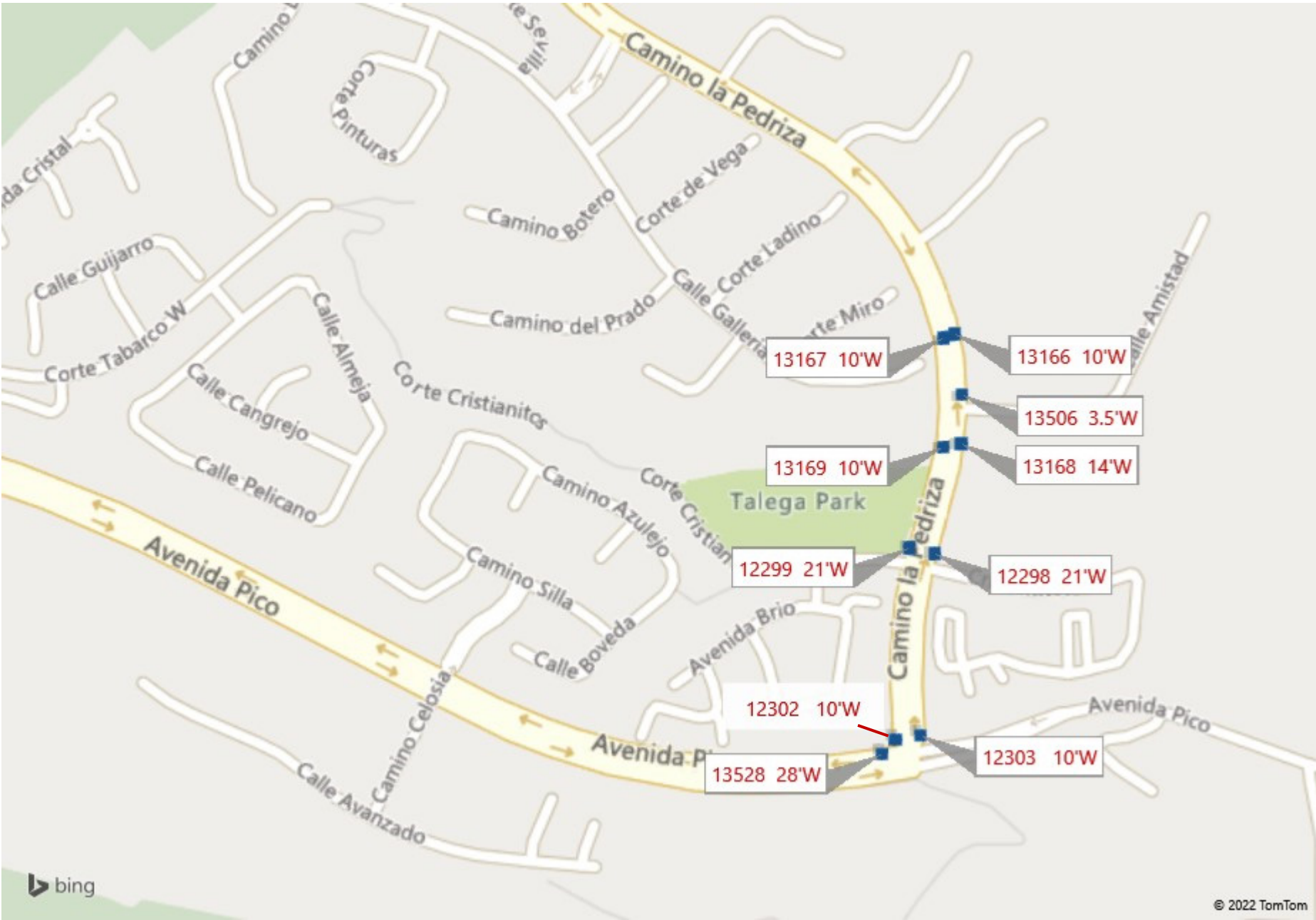
None

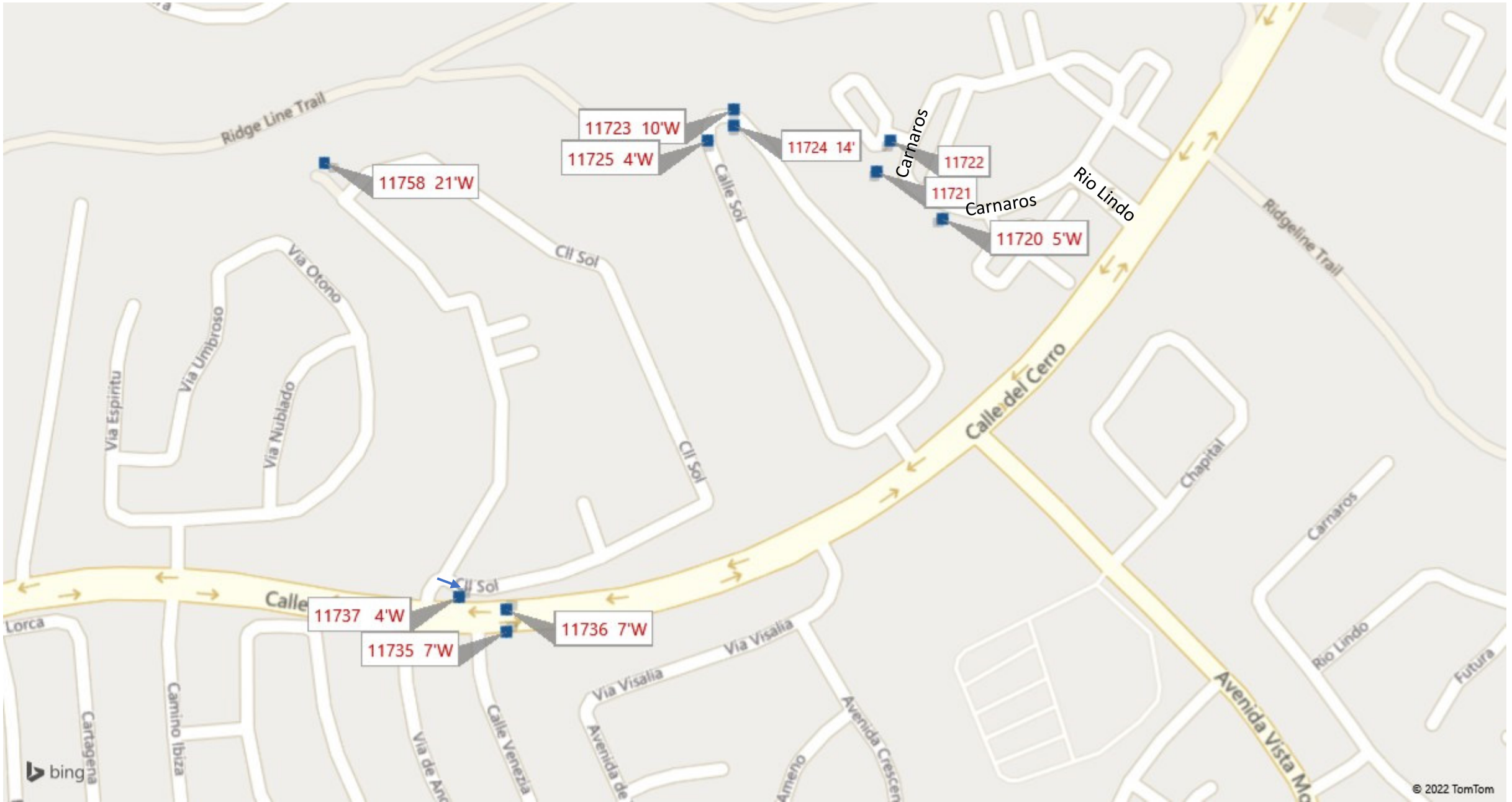
City of San Clemente 2022 Overview Map

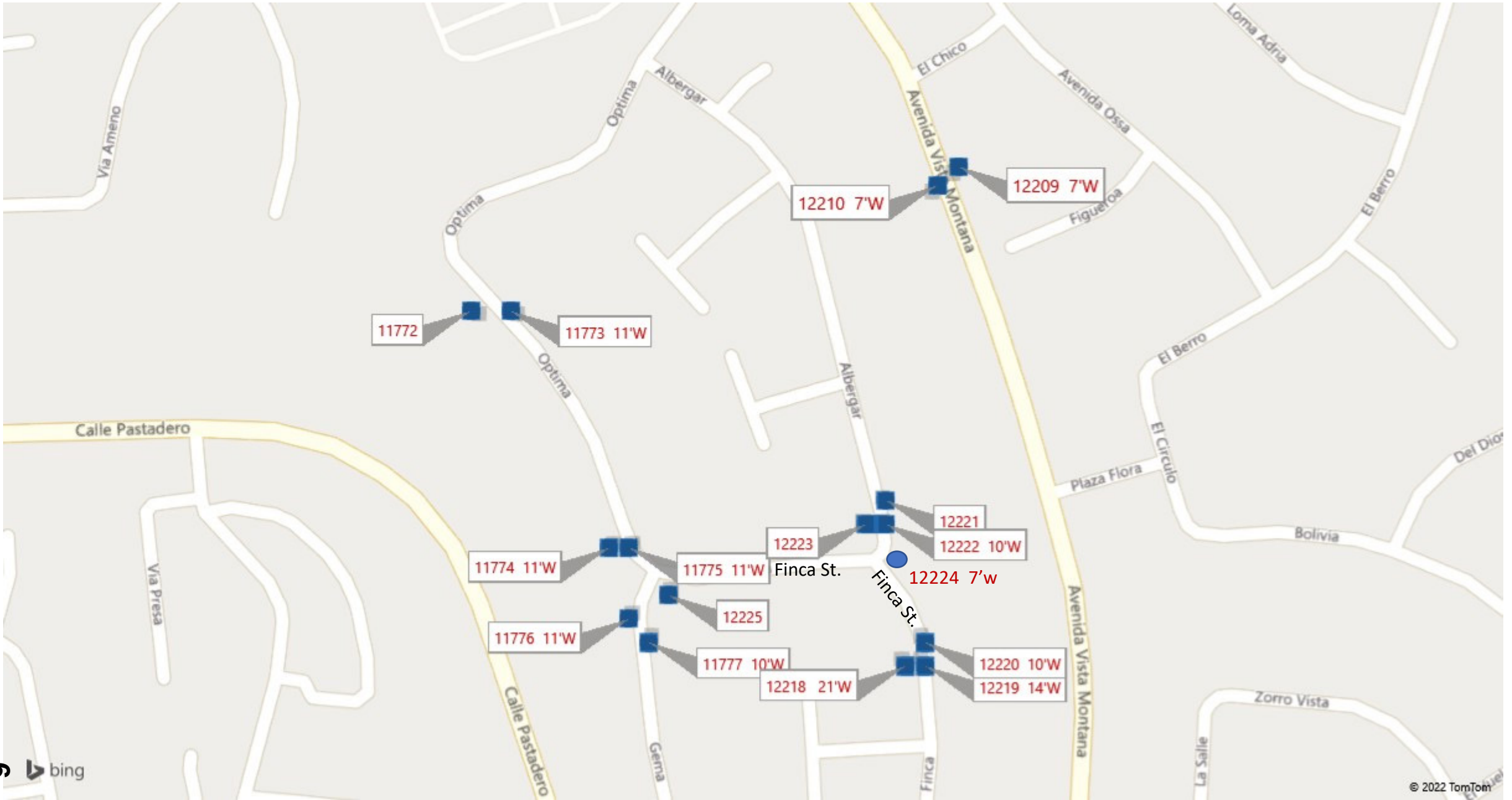


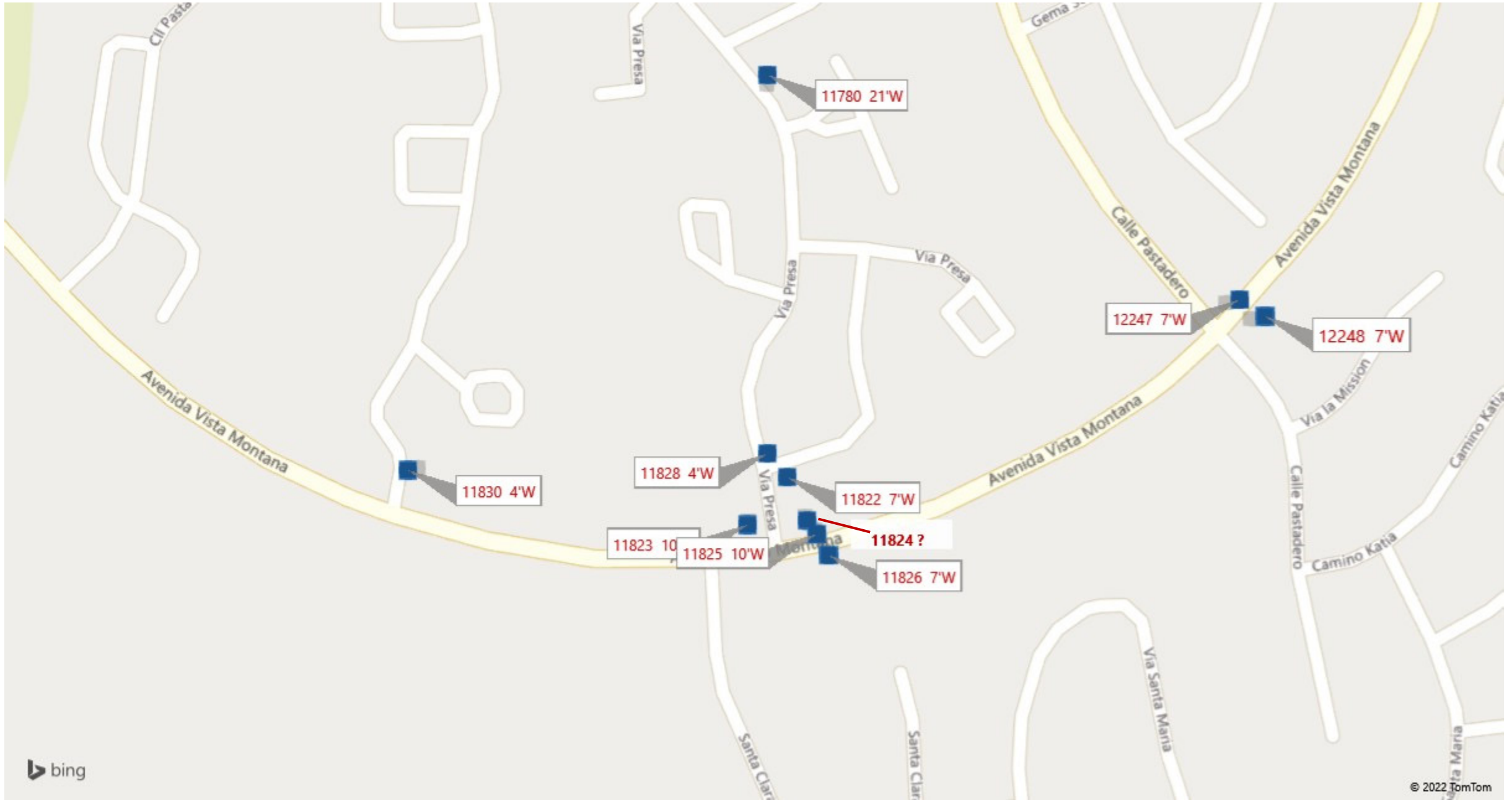
66 CBs

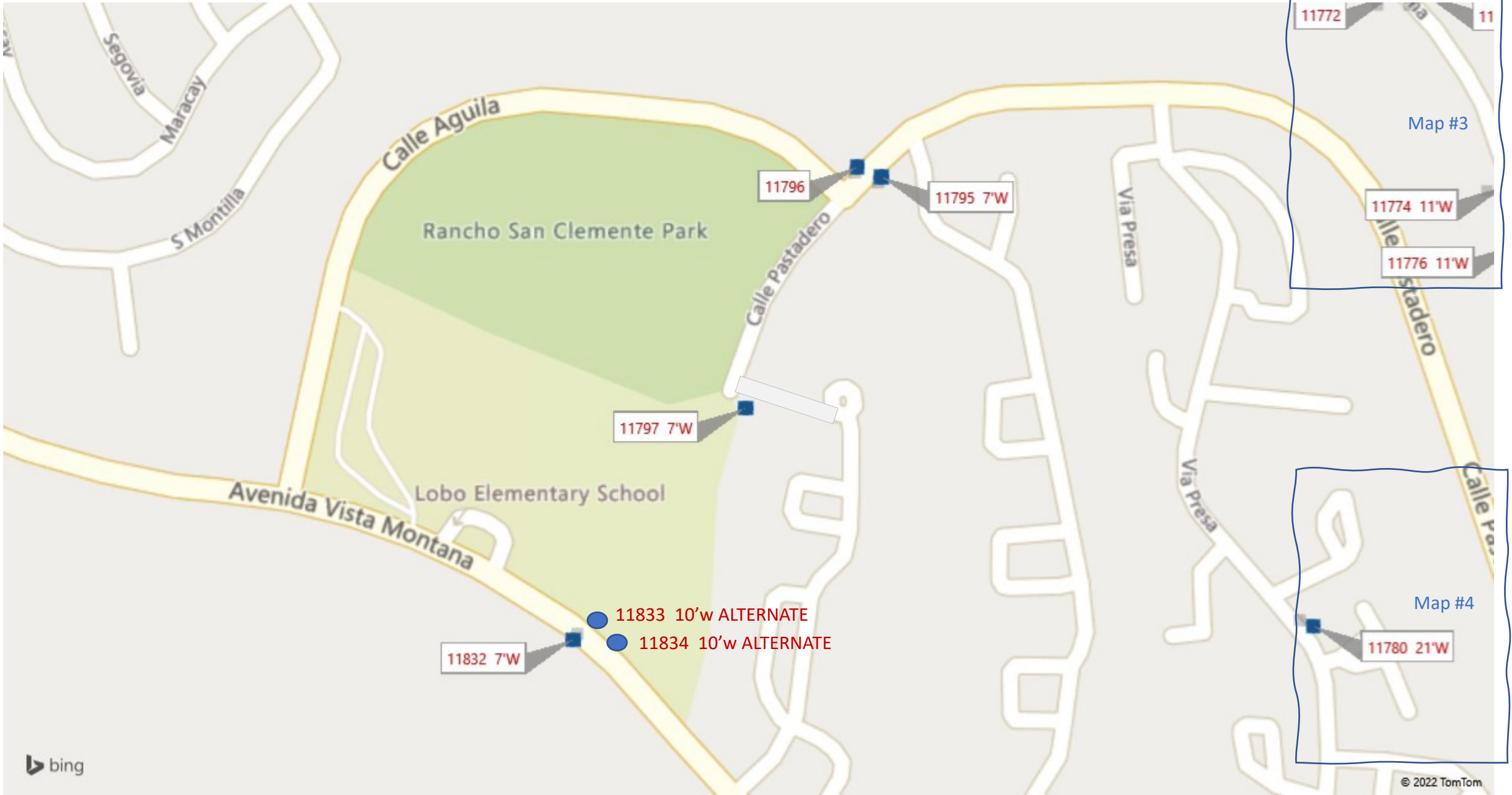
- 64 CPS-Mod & ARS-CL devices
- 2 GITS under-grate screens



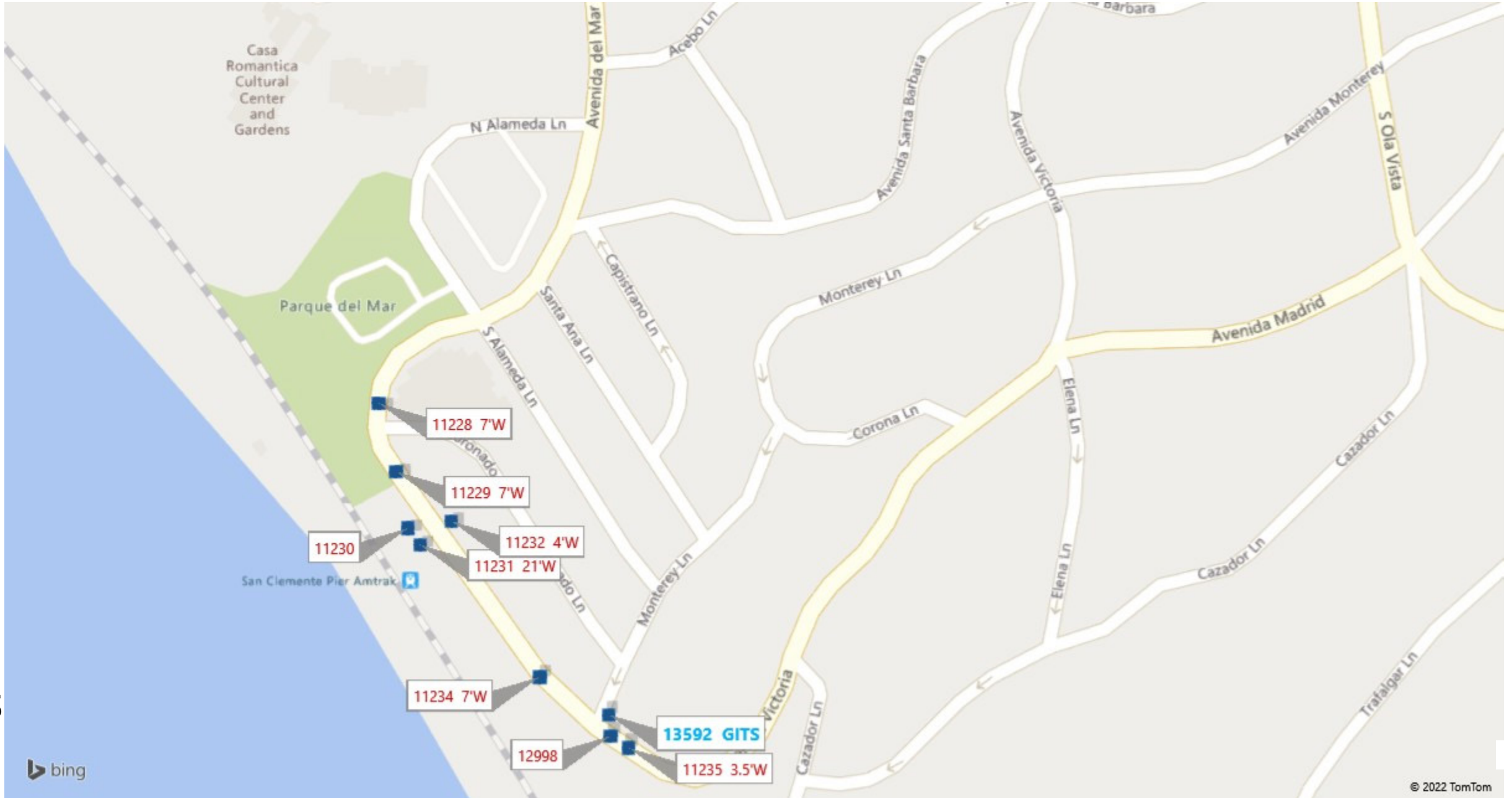












Recording Requested By:
City of San Clemente

When Recorded, Mail To:
Public Works Department
City of San Clemente
910 Calle Negocio
San Clemente, CA 92673

Recorded for the benefit of the City of San Clemente and exempt from recording fees pursuant to Government Code Section 27383.

Space above this line is for Recorder's Use Only

NOTICE OF COMPLETION

Notice is hereby given by the City of San Clemente, a Municipal Corporation, that a public work of improvement has been completed as follows:

1. *Project title or description of work:* Purchase and Installation of Storm Drain Trash Capture Devices for the San Clemente Pier and Pico Corridor Project Area, CIP Project No. 23805
2. *Date of completion:* November 22, 2022
3. *Street address or legal description of the project site:* San Clemente Pier and Pico Corridor Area, San Clemente, CA 92672
4. *Name of owner:* City of San Clemente
5. *Interest or estate of owner:* Public Streets
6. *Address of owner:* 910 Calle Negocio, San Clemente, CA 92673
7. *Name and address of contractor:* G2 Construction, Inc., 1352 E. Borchard Ave., Santa Ana, CA, 92705

I am the Public Works Director/City Engineer for the City of San Clemente, a Municipal Corporation, the owner of the indicated interest or estate in the property described above. I make this verification on behalf of the City of San Clemente. I have read this Notice of Completion and know its contents. I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed on _____ in San Clemente, California.

Kiel Koger, Public Works Director/City Engineer
City of San Clemente



AGENDA REPORT
CITY OF SAN CLEMENTE
City Council Meeting

910 Calle Negocio,
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 San Clemente, California
 www.san-clemente.org

Meeting Date: 9/20/2022

Agenda Item: 4D

Department: Public Works

Prepared By: Amir K. Ilkhanipour, Principal Civil Engineer

Subject:

CONSTRUCTION CONTRACT AWARD TO G2 CONSTRUCTION, INC. FOR PURCHASE AND INSTALLATION OF STORM DRAIN TRASH CAPTURE DEVICES FOR THE SAN CLEMENTE PIER AND PICO CORRIDOR PROJECT AREA, PROJECT NO. 28305

Fiscal Impact:

Yes. The total estimated project cost is \$360,000. The current project account balance is \$116,760. A supplemental appropriation in the amount of \$243,240 is requested from the Clean Ocean Fund Reserve. To minimize the impact on the Clean Ocean Fund Reserve, the City was approved for a \$240,000 grant that will be funded at project completion from the Orange County Transportation Authority. There is sufficient funding in this account.

Summary:

Staff recommends approval of a construction contract with G2 Construction, Inc. in the amount of \$300,000 for installation of trash capture devices in 66 storm drains in the San Clemente Pier and Pico Corridor Area.

Background:

On April 7, 2015 the State Water Resources Control Board (SWRCB) adopted Resolution 2015-0019 (Resolution) amending the Water Quality Control Plan for Ocean Waters of California (California Ocean Plan) to control trash impacts to the surface waters of California. This Resolution finds that trash in California's surface water is a pervasive problem and adversely affects numerous beneficial uses including, but not limited to, wildlife habitat, marine habitat and human water contact and non-contact recreation. Studies have shown that trash is predominantly generated on land and then transported to surface waters through the storm drain system. This Resolution establishes a statewide narrative water quality objective and implementation requirements to control trash. The SWRCB directed each of the nine Regional Water Quality Control Boards to incorporate trash provision requirements into their Municipal Separate Storm Sewer System Permit (MS4 Permit).

The City is subject to a mandate requiring the installation of trash capture devices that capture litter and trash down to 5 mm in size to prevent this debris from reaching receiving waters such as rivers, creeks and the Pacific Ocean. The City has until 2031 to retrofit catch basins that drain commercial, industrial and high density residential land uses. See Attachment 1 for a map of these Priority Land Use Areas that account for 560 storm drain catch basins that must be retrofitted. To comply with this mandate the City will need to retrofit storm drains in multiple phases and spread construction costs over multiple years prior to the 2031 compliance date.

Discussion:

In May 2010, the Orange County Transportation Authority (OCTA) Board of Directors approved a two-tier grant approach to the Measure M2 (M2) Project X Environmental Cleanup Program (ECP). Tier 1 funding is focused on small localized projects while Tier 2 funding consists of regional, potentially multi-jurisdictional capital-intensive projects. The M2 Project X ECP establishes a competitive process for projects that help improve water quality in Orange County from transportation-generated pollution. The funds are designed to supplement, not supplant, existing transportation-related water quality programs. Because of the competitive nature of the application process, not all cities submitting applications will be guaranteed grant funding.

The M2 Project X ECP grant program is designed to mitigate the more visible form of pollutants, such as litter and debris that collects on roadways and in storm drains prior to being deposited in waterways and the ocean. The M2 Project X Program can fund equipment purchases and upgrades to existing storm drain catch basins and related best management practices such as screens, filters, inserts and other street-scale low-flow diversion projects.

The City was awarded a \$240,000 M2 Project X ECP Tier 1 Grant from the OCTA in fall 2021. This project will entail retrofitting 66 City storm drain catch basins in the Pier and Pico Corridor area of the City including storm drains at the Pier and in the Rancho San Clemente commercial and residential area. This project will retrofit 12% of the required 560 storm drains. See Attachment 2 for a map of the 66 catch basins proposed for retrofit.

Three types of devices are proposed to be installed: Automatic Retractable Screens (ARS), Connector Pipe Screens (CPS), and Grate Inlet Trash Screen (GITS). The ARS units are installed at the opening of the catch basins to trap larger debris such as cups, straws and leaf litter. Street sweepers can collect this debris during their routine street sweeping process. The CPS units are installed inside the catch basin at its outlet and are sized to capture debris down to 5 mm in size, which is the size of a cigarette butt.

The grant guidelines allow for use of pre-qualified contractors and devices. The County of Orange Public Works (County) partnered with OCTA on a strategy to secure volume discounts for the purchase and installation of trash and debris control devices that would fulfill the requirements of the grant program and meet the SWRCB's full capture equivalency of capturing debris down to 5 mm in size. The County pre-qualified six contractors through a formal bid process to purchase and install specific trash control devices (Attachment 3).

The OCTA M2 Project X ECP Grant Guidelines require that the devices proposed in the grant applications must be the product installed for projects awarded funding. City staff reviewed devices from the six approved contractors listed in Attachment 3 and determined that the three products proposed by G2 Construction for installation in San Clemente catch basins had the appropriate specifications for the catch basins proposed for retrofit, were of excellent quality material and design, and were comparable in price to other contractor devices. Thus City staff included three G2 Construction devices in the City's grant application. See Attachment 4 for a copy of the contract between County of Orange, Public Works and G2 Construction. Utilities Staff recommend entering into a contract with G2 Construction (Attachment 5) using the existing contract held between the County of Orange, Public Works and G2 Construction to "piggyback" under California Public Contract Code 20652. This code allows for the use of "piggyback" contracts from other public agencies.

The City was awarded \$240,000 from OCTA and will provide the required 20% match amount of \$60,000. City Council approved the submittal of the grant application (<https://www.san-clemente.org/home/showpublisheddocument/64100>) and providing the required match via Resolution 21-15 at its June 1, 2021 meeting (Attachment 6).

Project costs are estimated as follows:

Administration, Permitting and Engineering Design	\$10,000
Construction Management and Inspection	20,000
Construction	300,000
Construction Contingency (approx. 10%)	30,000
Total Estimated Project Cost	\$ 360,000

Recommended Actions:

Staff Recommendation

1. Approve a supplemental appropriation in the amount of \$243,240 from the Clean Ocean Fund Reserve to Account No. 057-543-43690-000-28305; and,

2. Approve, and authorize the Utilities Director to execute, Contract _____, by and between the City of San Clemente and G2 Construction, Inc., in the amount of \$300,000, providing for the San Clemente Pier and Pico Corridor Runoff Treatment Project, Project No. 28305.

Attachment:

1. City Map of Priority Land Uses
2. San Clemente OCTA Grant Project Map
3. Orange County Public Works Contract Award Letter to G2 Construction
4. Orange County Public Works Contract with G2 Construction, Inc. for Trash and Debris Capture Devices
5. City of San Clemente Contract with G2 Construction, Inc.
6. City Council Resolution 21-15

Notification:

None