



Memorandum

TO: HONORABLE MAYOR
AND CITY COUNCIL

FROM: Matt Cano

SUBJECT: SEE BELOW

DATE: October 10, 2018

Approved

D. D. S. Y. L.

Date

8/12/18

**SUBJECT: ACTIONS RELATED TO THE 8151 – LARGE TRASH CAPTURE DEVICE
INSTALLATION – PHASE VI**

RECOMMENDATION

Adopt a resolution authorizing the Director of Public Works to:

- (a) Award and execute the 8151 – Large Trash Capture Device – Phase VI Project construction contract to the lowest responsive and responsible bidder, in a total amount not to exceed \$5,250,000 and to approve a construction contingency of 15% of the amount of the construction contract, not to exceed \$787,500.
- (b) Decide any timely bid protest(s), make the City’s final determination as to the lowest responsive bidder that is responsible, or reject all bids and rebid the project.
- (c) Negotiate and execute any single and/or multiple change orders for the Project in excess of \$100,000 up to the amount of the contingency of \$787,500.

OUTCOME

Approval of this resolution authorizing the Director of Public Works to award a construction contract for the 8151 – Large Trash Capture Device – Phase VI Project (Project) will enable the contract to be implemented with scheduled beneficial use on or before July 1, 2019 to meet the regulation requirements set forth by the San Francisco Regional Water Quality Control Board for city-wide trash load reduction in the Municipal Regional Stormwater Discharge Permit (Permit). The 15% contingency will provide funding for any unanticipated work necessary for the proper completion of the Project.

BACKGROUND

In November 2016, the Regional Water Quality Control Board (Board) issued a Permit with the Provision C10 mandating all cities to reduce the amount of trash discharging from their storm drain systems by 70% by 2017, 80% by 2019, and 100% by 2022. Under these regulatory mandates and conditions, the City of San José (City) and neighboring cities are required to implement measures to either capture or eliminate trash that enters into the stormwater system prior to discharging into any waterways.

To date, the City has installed a total of 26 Large Trash Capture devices which remove trash from approximately 8,600 acres of watershed and has met the requirement of reducing trash by 70% by 2017.

ANALYSIS

To meet the Board's requirement to reduce the trash load by 80%, this project will install six new Large Trash Capture units at six locations shown below (see attached map):

- George Street at the intersection of N San Pedro Street (Location 1)
- Fruitdale Avenue between Delbert Way and Northrup Street (Location 2)
- Rock Springs Drive at the intersection of Needles Drive and Wool Creek Drive (Location 3)
- Guadalupe Parkway between Hawthorne Way and San Pedro Circle (Location 4)
- Hamilton Avenue between Beck Drive and Phoenix Drive (Location 5)
- Blossom Hill Road between Almaden Express Way and Sanchez Drive (Location 6)

These Large Trash Capture units will remove trash from various combined watersheds of approximately 2,350 acres. The units to be installed must be selected from a list of devices that were certified by the Board and posted on their website. In addition, this project must meet a stringent schedule where all units must be installed and fully functional by July 1, 2019.

For these reasons, staff is asking Council to delegate authority to the Director of Public Works for the award of the contract for this project. This delegation will include the authority for the Director of Public Works to hear and decide any bid protests, to make the City's final determination as to the lowest responsive and responsible bidder, or to reject all bids and re-bid the Project. This process will save up to one month in the project schedule.

The specifications for the project will include the following process regarding bid protests:

1. Bid results and a Notification of Intention to Award Contract to Apparent Low Bidder by the Director of Public Works will be posted on BidSync.
2. All bidders will have five working days to file a formal written bid protest.

3. The Director of Public Works will then hear and decide any timely bid protests, including any issues of bidder responsiveness or responsibility, and will award the contract after.

Council Policy provides for a standard contingency of 10% percent on public works projects involving utilities. However, on this project, a contingency of 15% is recommended due to the following reasons: a) unknown at this time what Large Trash Capture device will be selected by the contractor; b) extensive underground work and potential high ground water level encountered during construction depending on the device selected; and c) other unanticipated work necessary to ensure this project is completed as mandated by the Permit. The funds budgeted for this project are sufficient to provide for the recommended contingency.

Construction is scheduled to begin in February 2019 with substantial completion in June 2019.

EVALUATION AND FOLLOW-UP

No additional follow up action with the Council is expected at this time.

PUBLIC OUTREACH

To solicit contractors, this project will be listed on the BidSync and advertised in the *San José Post Record*. The complete bid package and project information for all Department of Public Works' construction projects will be available on BidSync for interested contractors, trash capture device manufacturers, contractor organizations and builders' exchanges. Pre-bid meeting(s) and/or site visits will be conducted to allow potential bidders and/or equipment manufacturers to get familiar with the project and/or project sites. This project will be posted to the City's website for the October 23, 2018 Council agenda.

COORDINATION

This project and memorandum were coordinated with the City Attorney's Office, Environmental Services Department, Department of Transportation, Planning, Building and Code Enforcement Department, Parks, Recreation and Neighborhood Services Department, and the City Manager's Budget Office.

COMMISSION RECOMMENDATION/INPUT

No commission recommendation or input is associated with this action.

FISCAL/POLICY ALIGNMENT

Installation of the Large Trash Capture units is in alignment with the City’s stormwater urban runoff policies and regulations.

COST SUMMARY/IMPLICATIONS

1. ESTIMATED COST OF PROJECT

Project Delivery	\$	1,400,000
Construction Contract	\$	5,250,000
Contingency	\$	<u>787,500</u>
TOTAL PROJECT COSTS	\$	7,437,500
Prior Year Expenditure To Date	\$	<u>801,910</u>
REMAINING PROJECT COSTS	\$	6,635,590

2. SOURCE OF FUNDING: Storm Sewer Capital Fund (Fund 469)

3. OPERATING COSTS: The costs to operate and maintain the large trash capture devices are still under development, as the needed cleaning frequency of these devices is new to the City’s operations. Future operation and maintenance costs will be developed upon the completion of installation of new devices.

BUDGET REFERENCE

The table below identifies the fund and appropriation proposed to fund the contract recommended as part of this memorandum and remaining project costs, including project delivery, construction, and contingency costs.

Fund #	Appn. #	RC #	Appn. Name	Total Appn	Amt. for Contract	2018-2019 Proposed Capital Budget Page*	Last Budget Action (Date, Ord.No.)
469	7676	185885	Large Trash Capture Devices	\$6,673,000	\$5,250,000	V-100	6/19/2018, Ord. No. 30124

*The 2018-2019 Proposed Capital Budget was adopted by the City Council on June 19, 2018

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Subject: 8151 – Large Trash Capture Device Installation – Phase VI

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CEQA

Public Project for the Citywide Large Trash Capture Device Installation for the installation of new prefabricated manhole Hydro Dynamic Separators (HDS) at various locations throughout the City within the public right-of-way or on City property.

File No. PP15-081 dated September 1, 2015, is an Addendum to a Mitigated Negative Declaration (MND) for a previous project File No. PP08-257 adopted on January 22, 2009.

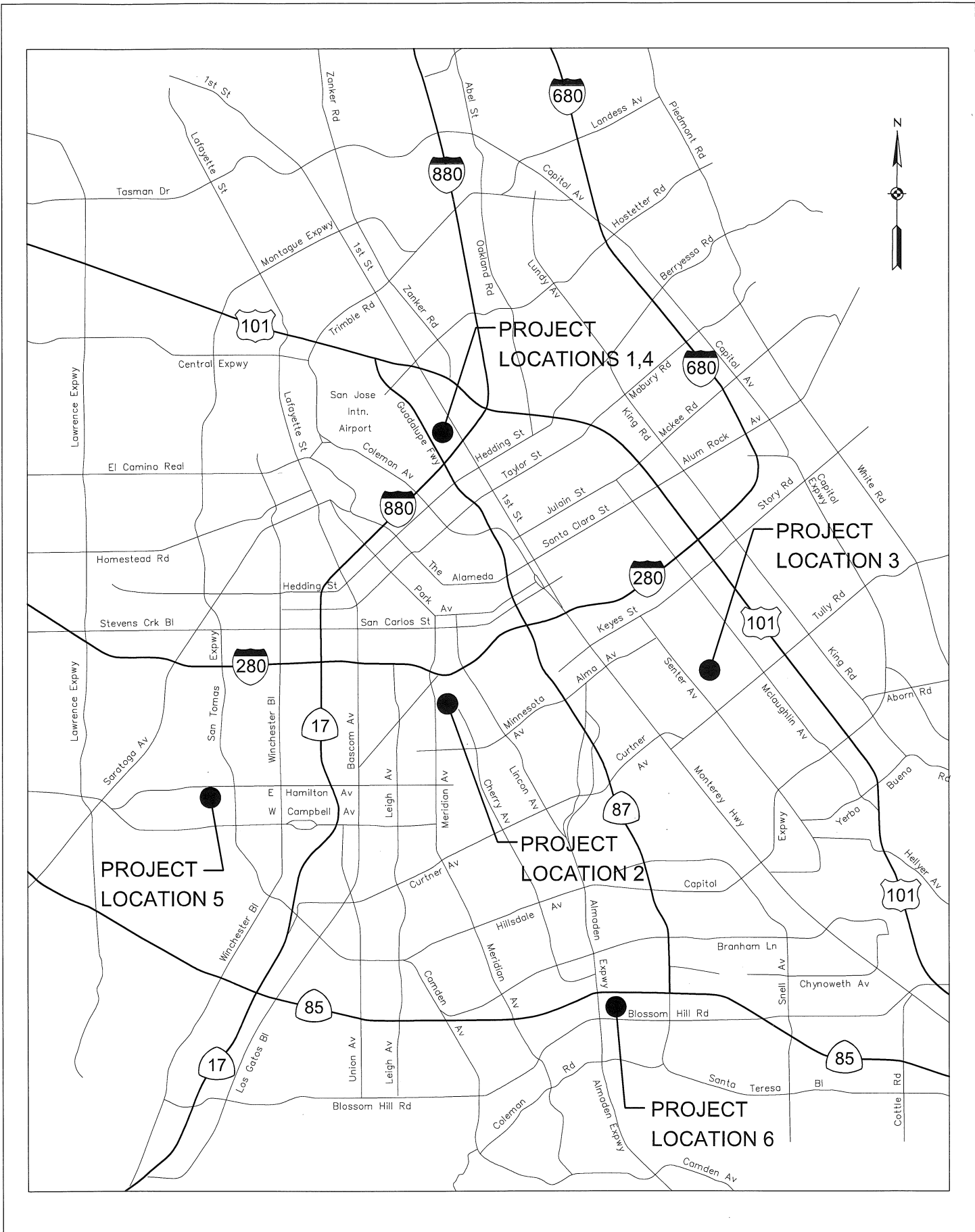
/s/

MATT CANO

Director of Public Works

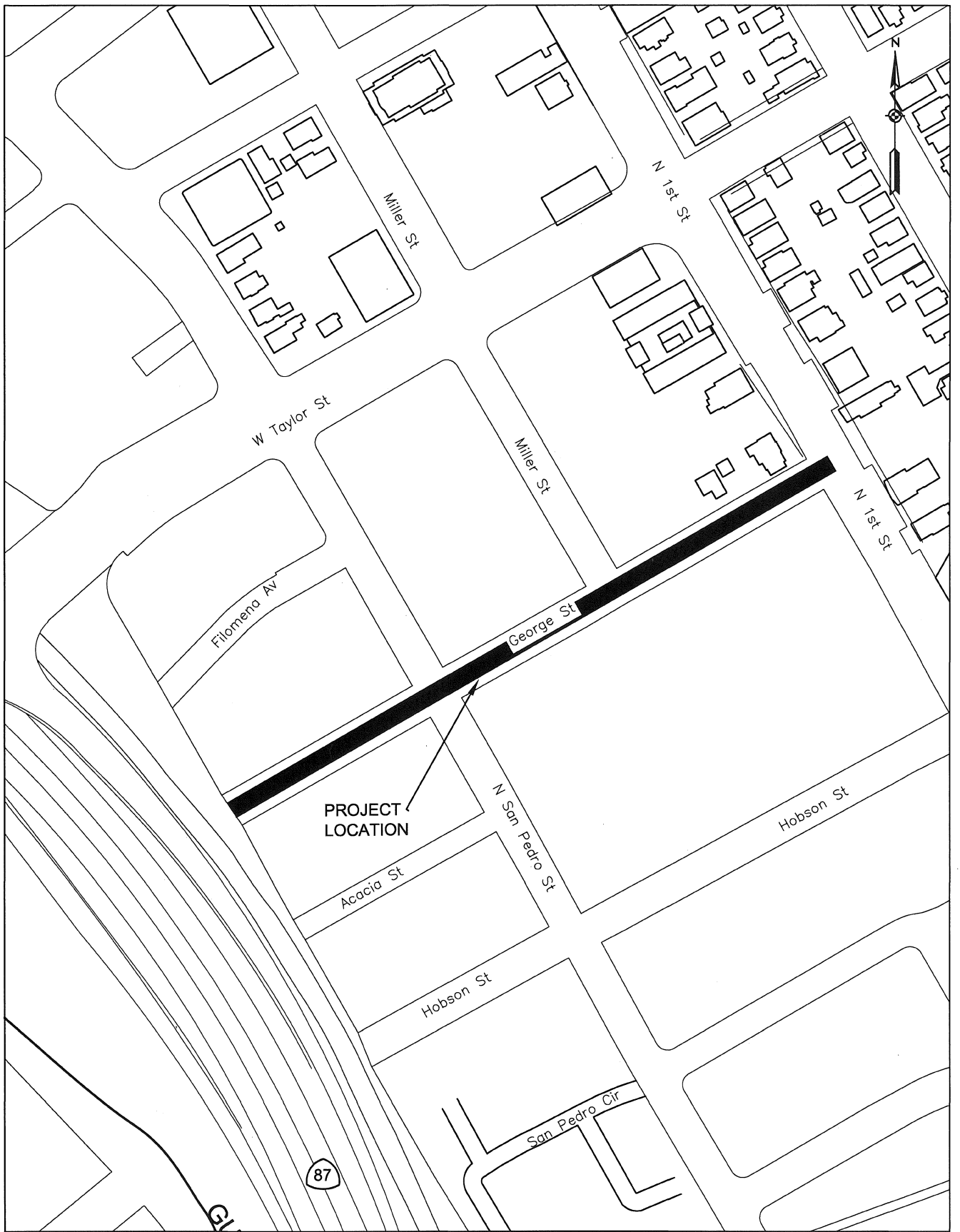
For questions please contact Michael O'Connell, Deputy Director, Public Works Department, at (408) 535-8300.

Attachment: Vicinity Map
Location Map 1 – George Street
Location Map 2 – Fruitdale Avenue
Location Map 3 – Rock Springs Drive
Location Map 4 – Guadalupe Parkway
Location Map 5 – West Hamilton Avenue
Location Map 6 – Blossom Hill Road



8151 - LARGE TRASH CAPTURE DEVICE INSTALLATION PHASE VI
VICINITY MAP

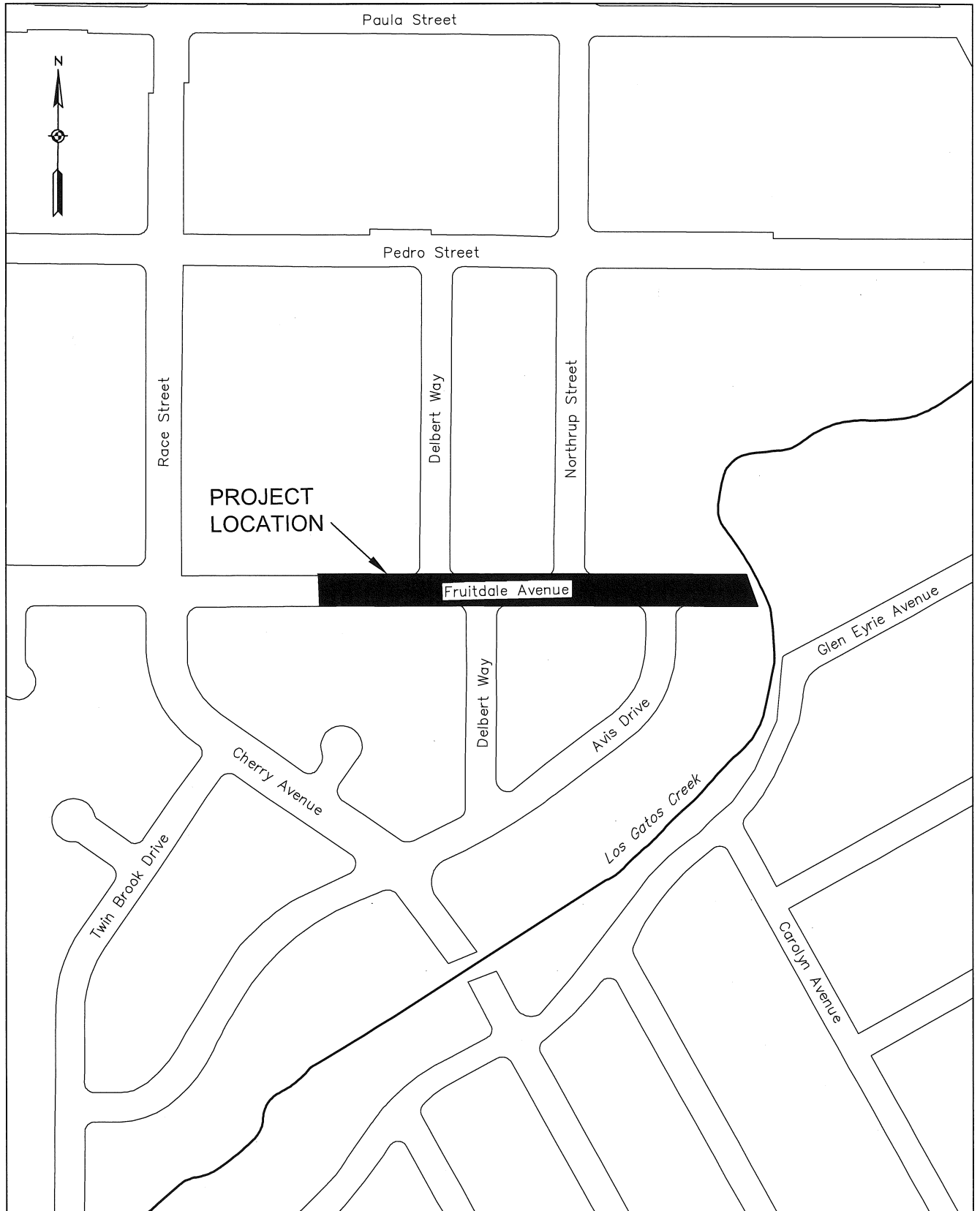
LOCATION MAP
NOT TO SCALE



8151-LARGE TRASH CAPTURE DEVICE INSTALLATION PHASE VI

LOCATION 1
GEORGE STREET

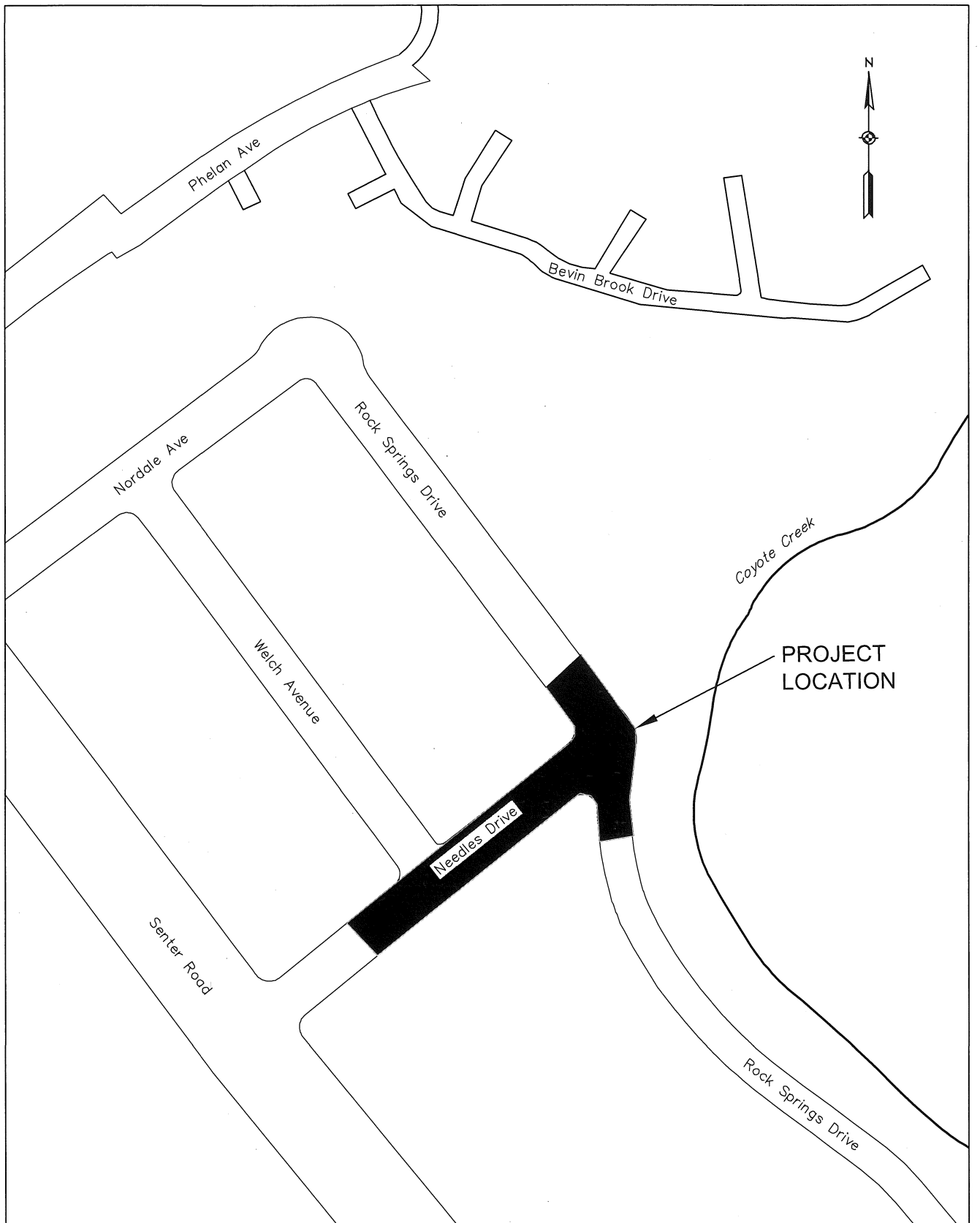
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8151-LARGE TRASH CAPTURE DEVICE INSTALLATION PHASE VI

LOCATION 2
FRUITDALE AVENUE

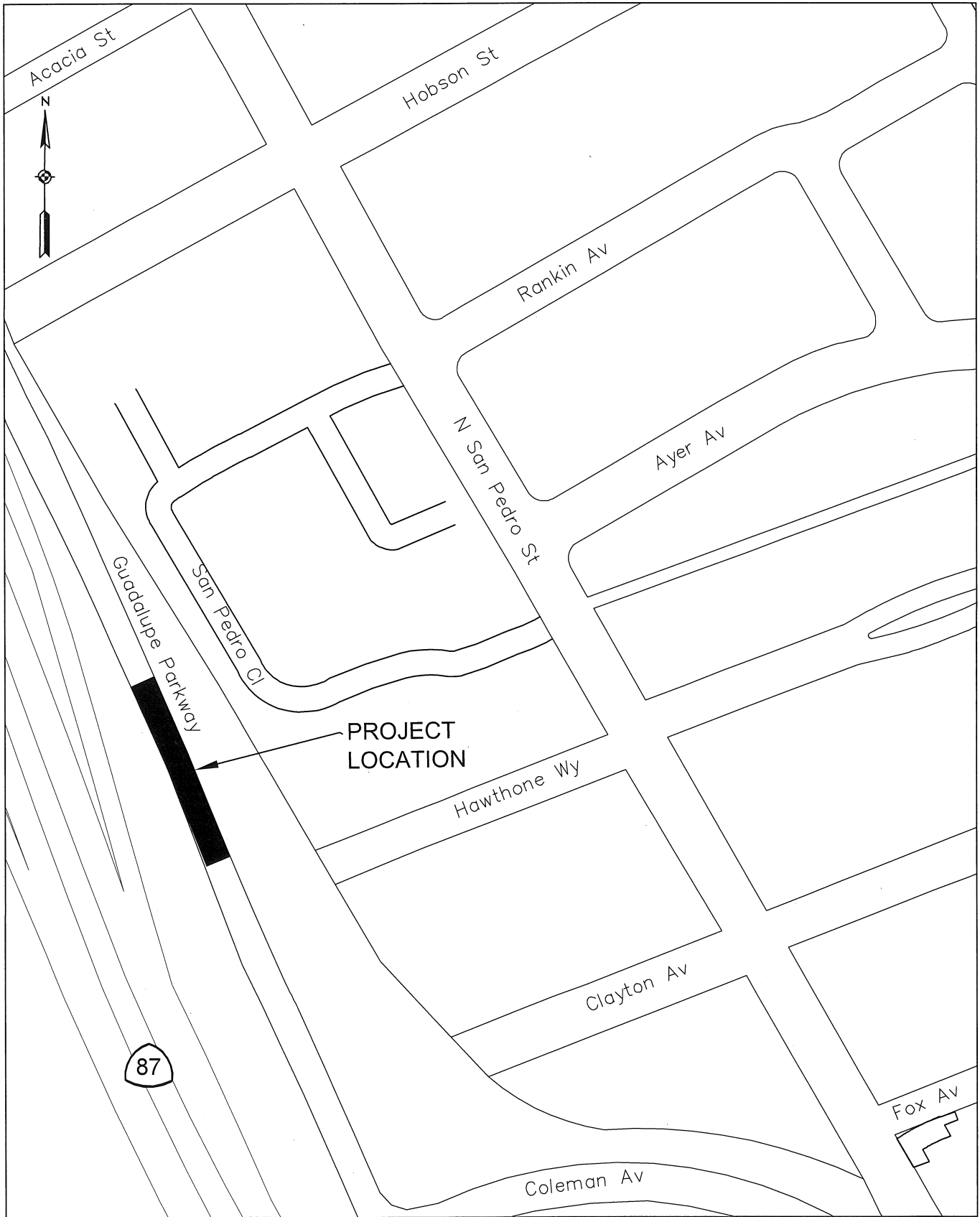
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8151-LARGE TRASH CAPTURE DEVICE INSTALLATION PHASE VI

LOCATION 3
ROCK SPRINGS DRIVE

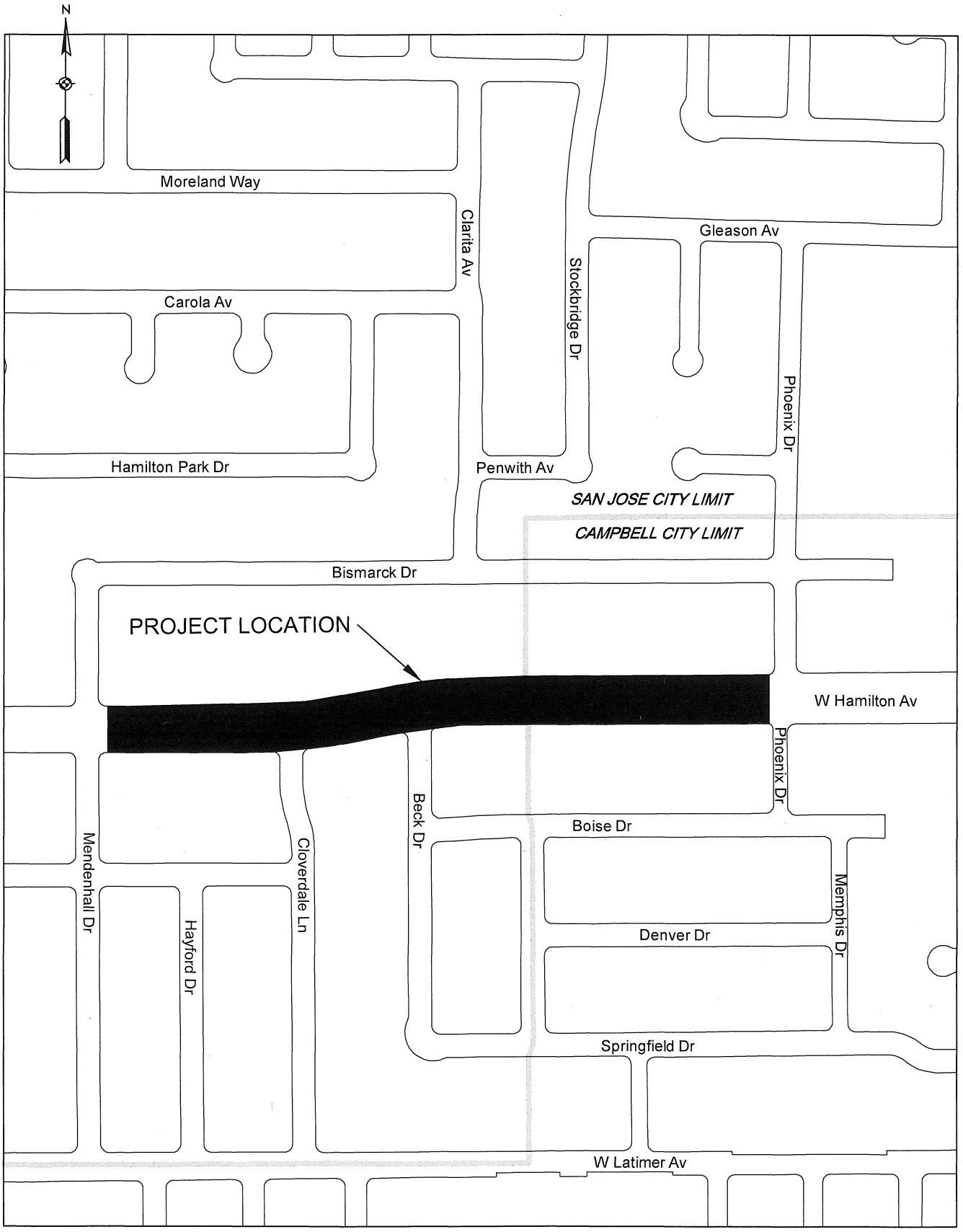
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8151-LARGE TRASH CAPTURE DEVICE INSTALLATION PHASE VI

LOCATION 4
GUADALUPE PARKWAY

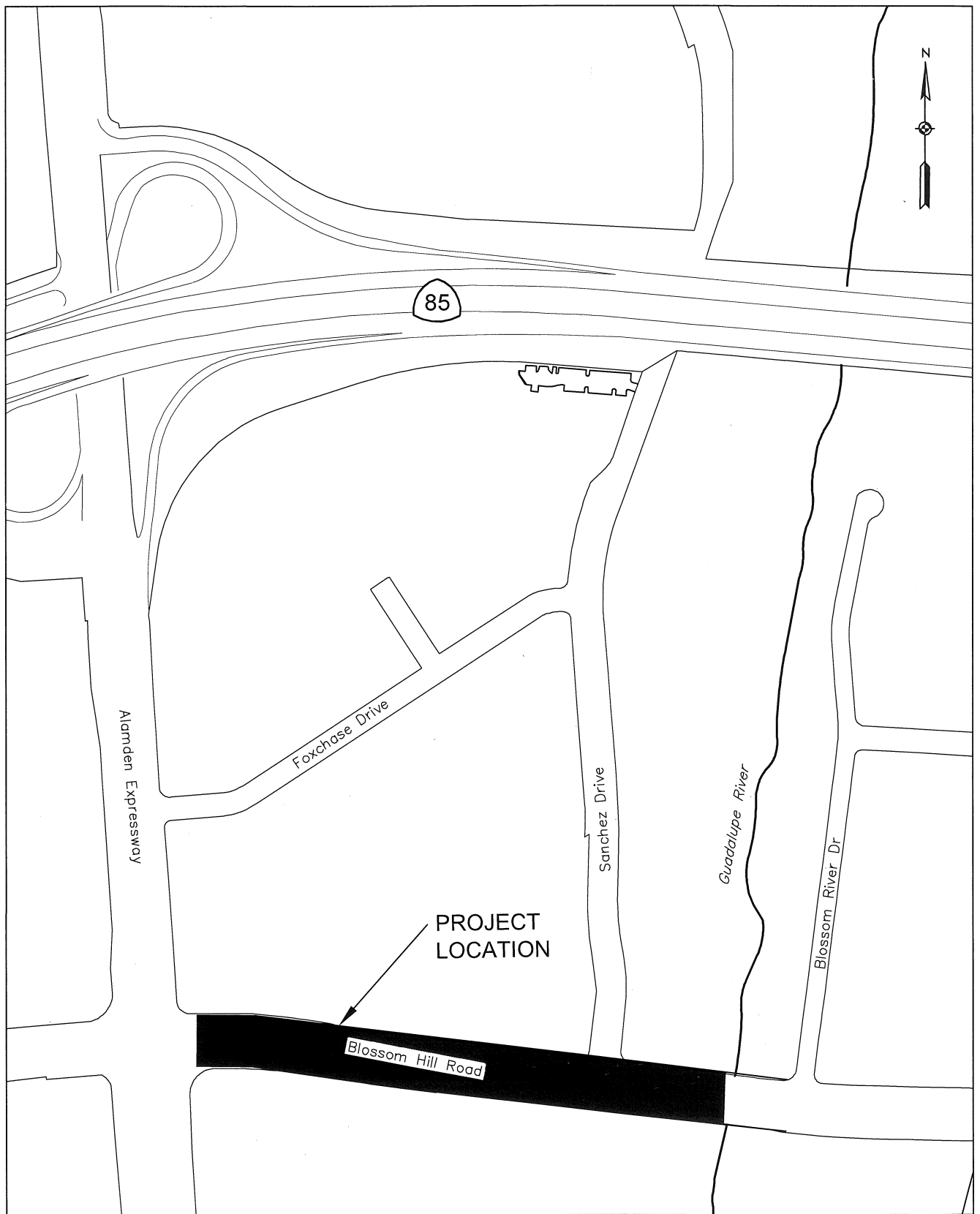
LOCATION MAP
NOT TO SCALE



8151-LARGE TRASH CAPTURE DEVICE INSTALLATION PHASE VI

LOCATION 5
WEST HAMILTON AVENUE

LOCATION MAP
NOT TO SCALE



8151-LARGE TRASH CAPTURE DEVICE INSTALLATION PHASE VI

LOCATION 6
BLOSSOM HILL ROAD

LOCATION MAP
NOT TO SCALE