



Memorandum

TO: HONORABLE MAYOR
AND CITY COUNCIL

FROM: Katy Allen
James R. Helmer

SUBJECT: STP STREET RESURFACING/REHAB PROJECT – ROUND 3, FEDERAL PROJECT NO. STPL-5005(090) **DATE:** 06-02-08

Approved

Date

6/5/08

COUNCIL DISTRICTS: 1, 4, 5, 6, 7, 8 & 9

RECOMMENDATION

Report on bids and take appropriate action based on the evaluation of bids for the STP Street Resurfacing/Rehab Project – Round 3, Federal Project No. STPL-5005(090).

OUTCOME

Award of the construction contract will enable the STP Street Resurfacing/Rehab Project – Round 3, Federal Project No. STPL-5005(090) construction to proceed with the resurfacing and rehabilitation of approximately 15 miles (30 foot width equivalent roadway) of City streets. Resurfacing and rehabilitation of these streets will improve their structural and ride quality and extend the useful life of the streets. Approval of the contingency amount will allow funding for unanticipated work necessary for the proper completion or construction of the project.

BACKGROUND

In December 2005, the Valley Transportation Authority (VTA), as the local agency responsible for distributing the Federal Surface Transportation Program (STP) funds, allocated to the City of San José funding in the amount of \$6,545,689. This total amount is programmed, along with the required 11.47% City funding match, in the Adopted 2007-2011 Traffic Capital Improvement Plan. Project costs in excess of the grant and required local match amounts will be funded through the City's programmed street maintenance funds.

Following the grant application guidelines, a list of streets in need of resurfacing was developed and prioritized using the following criteria:

- Streets designated as regionally significant by the Metropolitan Transportation Commission (MTC).
- Street condition in need of resurfacing.
- Streets with numerous maintenance requests.

- Streets not affected by current or future street-related projects.
- Continuity of street segments (create multiple, continuous segments, joint jurisdiction work).
- Appropriate distribution of street maintenance throughout the City.

This project will resurface and rehabilitate approximately 15 miles (30 foot width equivalent roadway) of City streets utilizing Dense Graded Asphalt Concrete (DGAC) and Rubberized Asphalt Concrete (RAC) to improve the street structural and ride quality. It will also extend the useful life of the streets in order to defer more costly roadway reconstruction in the future.

RAC utilizes scrap rubber tires as part of the asphalt concrete mix used for paving. RAC is environmentally friendly, and consistent with the City of San José's Green Vision for recycling and diverting waste from our landfills. Approximately 18,000 tons of rubberized asphalt concrete will be used in this project.

Following are the streets that will be included in this project:

Hostetter Road	-	Locksley Park Drive to Sierra Creek Way
South King Road	-	Tully Road to Marsh Road
Kooser Road	-	Camden Avenue to Blossom Hill Road
Leigh Avenue	-	Curtner Avenue to Dry Creek Road
Leigh Avenue	-	Wyrick Avenue (City Limit) to Camden Avenue
Meridian Avenue	-	Blossom Hill Road to Curtner Avenue
Quito Road	-	Cox Avenue (City Limit) to N/O Bucknall Avenue
San Felipe Road	-	Yerba Buena to Bowery Lane
San Felipe Road	-	Park Estate Way to The Villages Parkway

Construction will begin in August 2008 with beneficial use expected in December 2008.

ANALYSIS

A supplemental memo will be provided after bids are opened on June 3, 2008.

Council Policy provides for a standard contingency of five percent on public works project involving roadway construction. The standard contingency is appropriate for this type of project.

EVALUATION AND FOLLOW-UP

Performance condition measures reported through the Transportation and Aviation City Service Area will reflect the improved pavement condition of the streets to be resurfaced as part of this project. No additional follow up actions with the Council are expected at this time.

PUBLIC OUTREACH/INTEREST

- Criterion 1:** Requires Council action on the use of public funds equal to \$1 million or greater. **(Required: Website Posting)**
- Criterion 2:** Adoption of a new or revised policy that may have implications for public health, safety, quality of life, or financial/economic vitality of the City. **(Required: E-mail and Website Posting)**
- Criterion 3:** Consideration of proposed changes to service delivery, programs, staffing that may have impacts to community services and have been identified by staff, Council or a Community group that requires special outreach. **(Required: E-mail, Website Posting, Community Meetings, Notice in appropriate newspapers)**

This item meets the Criterion 1: Requires Council action on the use of public funds equal to \$1 million or greater. To solicit contractors, this project was listed on the City’s Internet Bid Line and advertised in the *San José Post Record*. Bid packages for all Department of Public Works construction projects are provided to various contractor organizations and builder’s exchanges. This memorandum will also be posted on the City’s website for the June 24, 2008 Council agenda.

COORDINATION

This project and memorandum have been coordinated with the Departments of Planning, Building and Code Enforcement, Finance, the City Attorney’s Office, and the City Manager’s Budget Office.

FISCAL/POLICY ALIGNMENT

This project is consistent with the Council-approved Budget Strategy Economic Recovery section in that it will spur construction spending in our local economy.

COST SUMMARY/IMPLICATIONS

1. AMOUNT OF RECOMMENDATION: \$9,382,000 (Engineer’s Estimate)

Project Delivery	\$2,699,000
Construction	\$9,382,000
Contingency	<u>\$ 470,000</u>
Total Project Cost	\$12,551,000
Expenditures-to-date (as of May 27, 2008)	<u>\$446,000</u>
Remaining Project Cost	\$12,105,000

2. COST ELEMENT OF CONSTRUCTION CONTRACT:

Adjustment of Utilities	\$188,000
Rehabilitation of Pavement	\$1,020,000
Asphalt Concrete Overlay	\$6,788,000
Concrete Work	\$825,000
Traffic Striping and Pavement Marking	\$193,000
Electrical Work	\$146,000
Miscellaneous Items of Work	<u>\$222,000</u>
Total Engineer's Estimate	\$9,382,000

3. SOURCE OF FUNDING: 001 – General Fund
465 – Construction Excise Tax Fund

4. OPERATING COST: The proposed operating and maintenance costs of this project have been reviewed and will have no significant impact on the General Fund operating budget.

BUDGET REFERENCE

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

Fund #	Appn #	RC#	Appn. Name	Total Appn.	Amt. for Contract	2007-2008 Adopted Capital Budget Page	Last Budget Action (Date, Ord. No.)
Remaining Project Costs				\$12,105,000			
Current Funding Available							
001	6165	151319	Street Maintenance Repair	\$7,270,696	\$5,382,000	NA	10/16/07, Ord. 28143
465	5764	TBD	TCRP Payback – Street Maintenance	\$6,851,000	\$1,000,000	V-1141	NA
465	5039	149195	Federal Street Maintenance	\$9,435,000	\$3,000,000	V-1132	10/16/07, Ord. 28143
Total Current Funding Available				\$23,556,696	\$9,382,000		

HONORABLE MAYOR AND CITY COUNCIL

06-02-08

Subject: STP Street Resurfacing/Rehab Project – Round 3, Federal Project No. STPL-5005(090)

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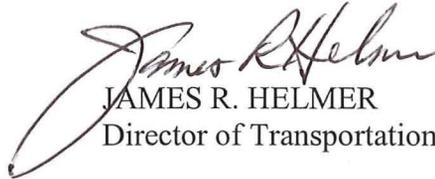
CEQA

CEQA: Exempt, PP06-066.



KATY ALLEN

Director, Public Works Department



JAMES R. HELMER

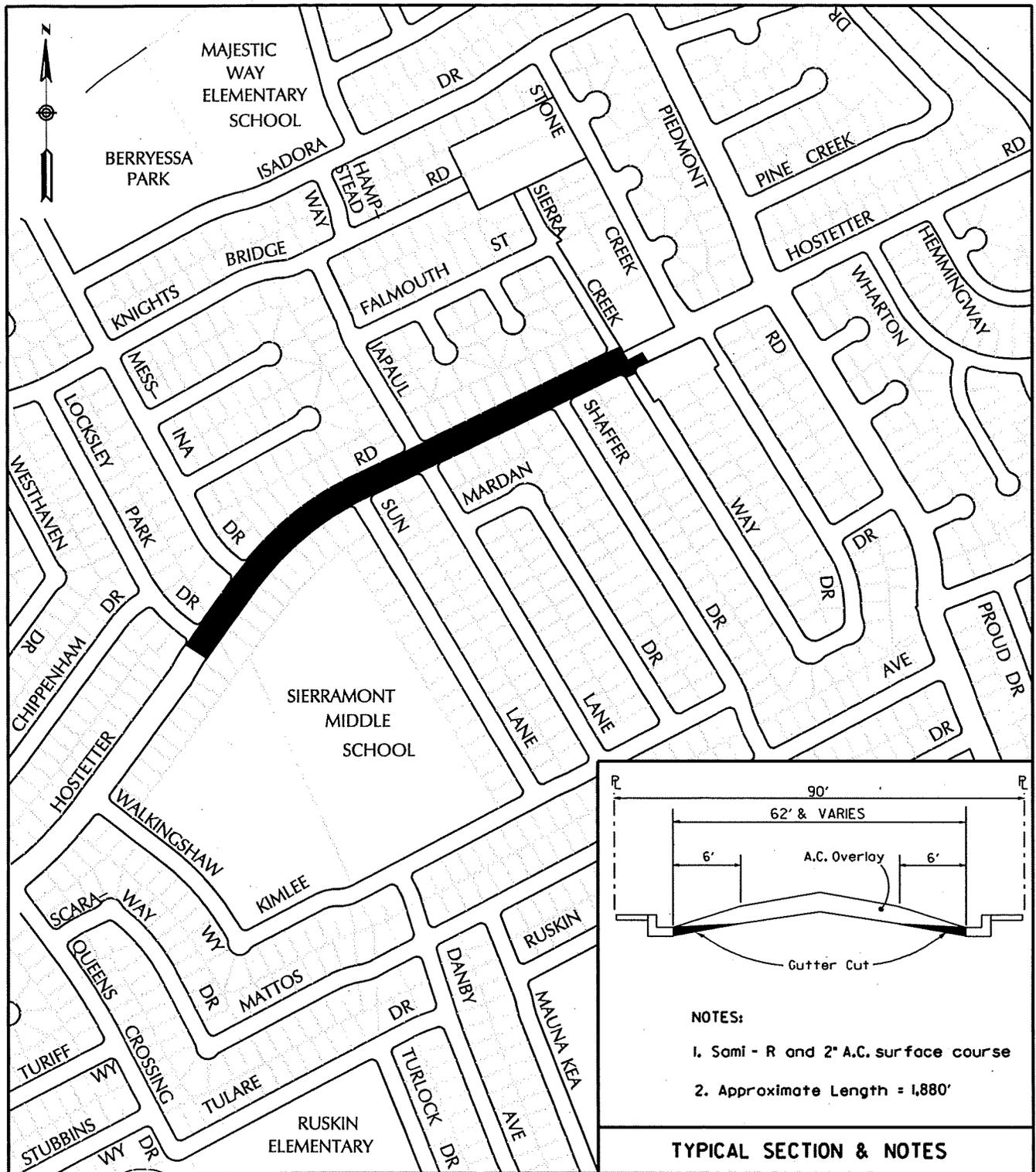
Director of Transportation

For questions please contact TIMM BORDEN, DEPUTY DIRECTOR, PUBLIC WORKS DEPARTMENT, at 408-535-8300.

PD:HS:ew

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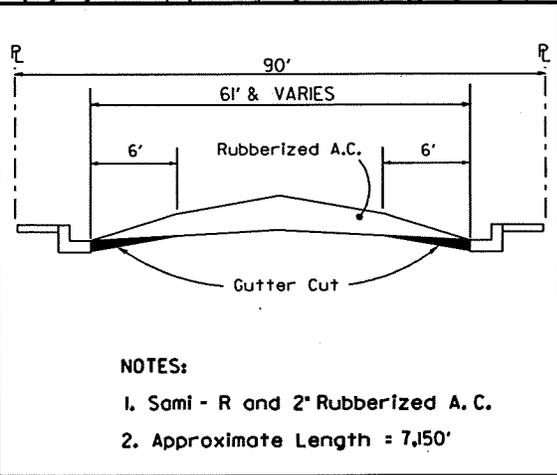
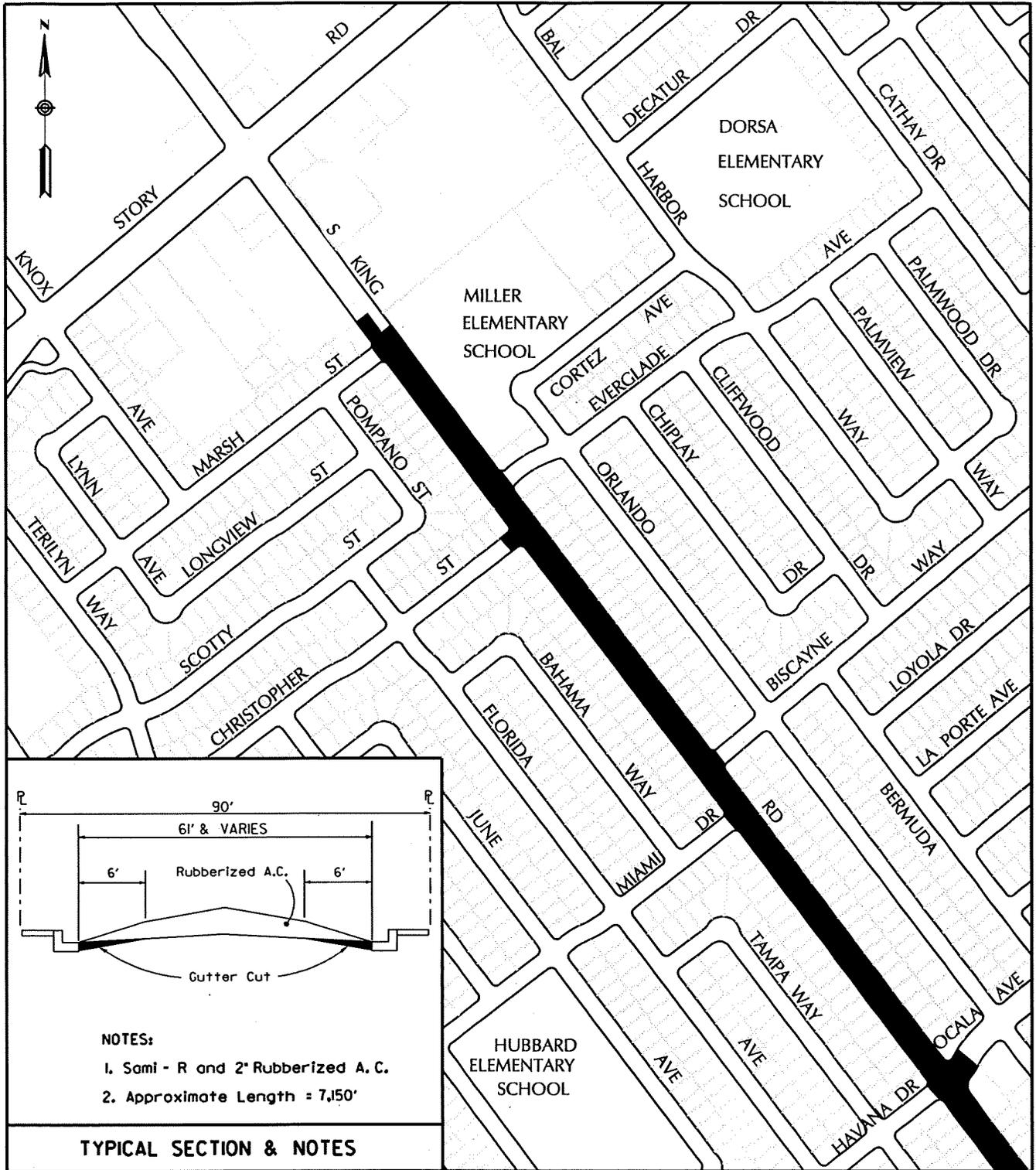
Attachment



STP STREET RESURFACING / REHAB PROJECT – ROUND 3

STREET:	HOSTETTER ROAD	Scale: 1" = 500'
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LIMITS:	Locksley Park Drive to Sierra Creek Way	Sheet 1 of 1
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TYPICAL SECTION & NOTES

STP STREET RESURFACING / REHAB PROJECT – ROUND 3

STREET:

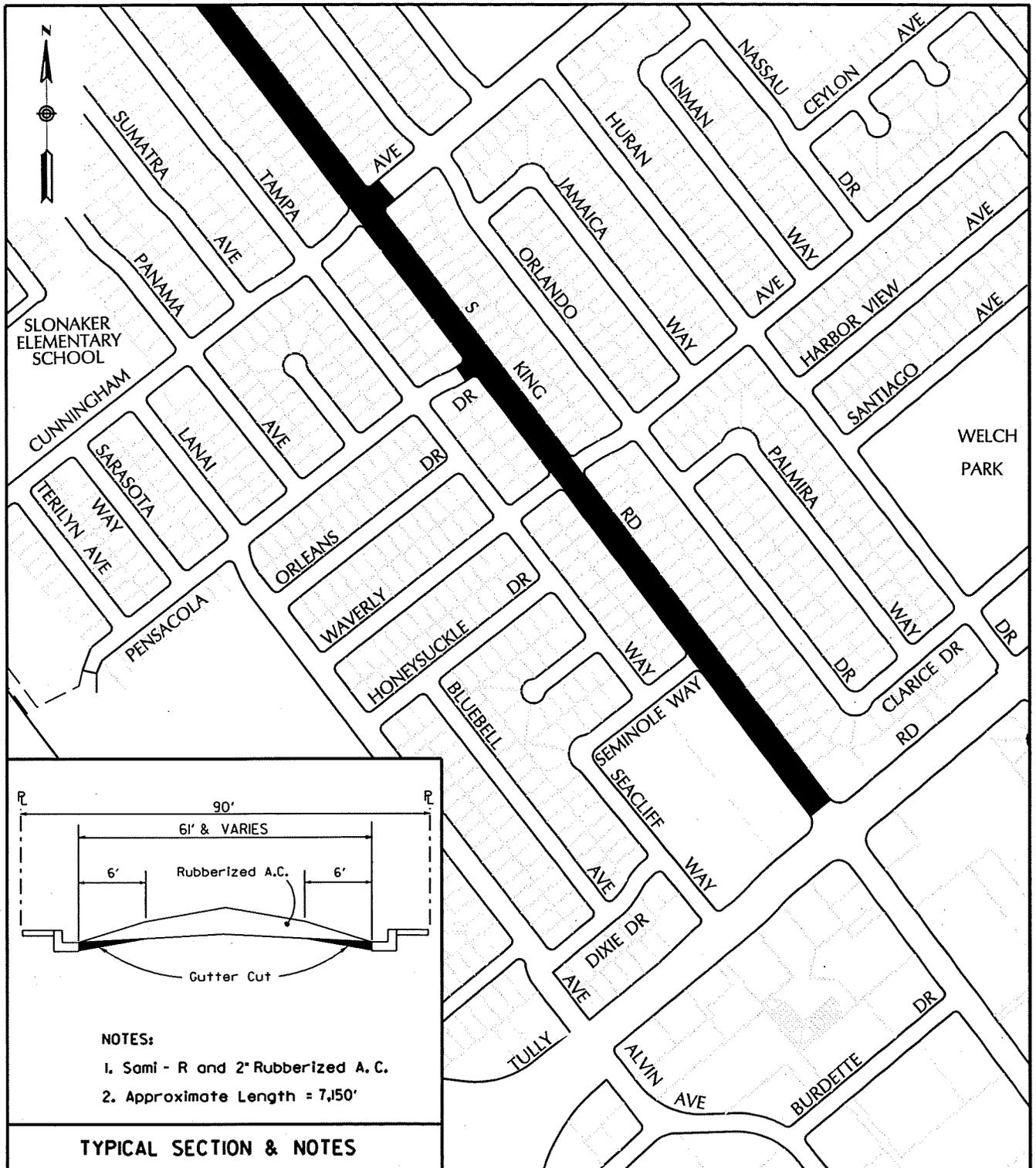
SOUTH KING ROAD

Scale: 1" = 500'

LIMITS:

Marsh Street to Tully Road

Sheet 1 of 2



- NOTES:**
1. Semi - R and 2" Rubberized A. C.
 2. Approximate Length = 7,150'

TYPICAL SECTION & NOTES

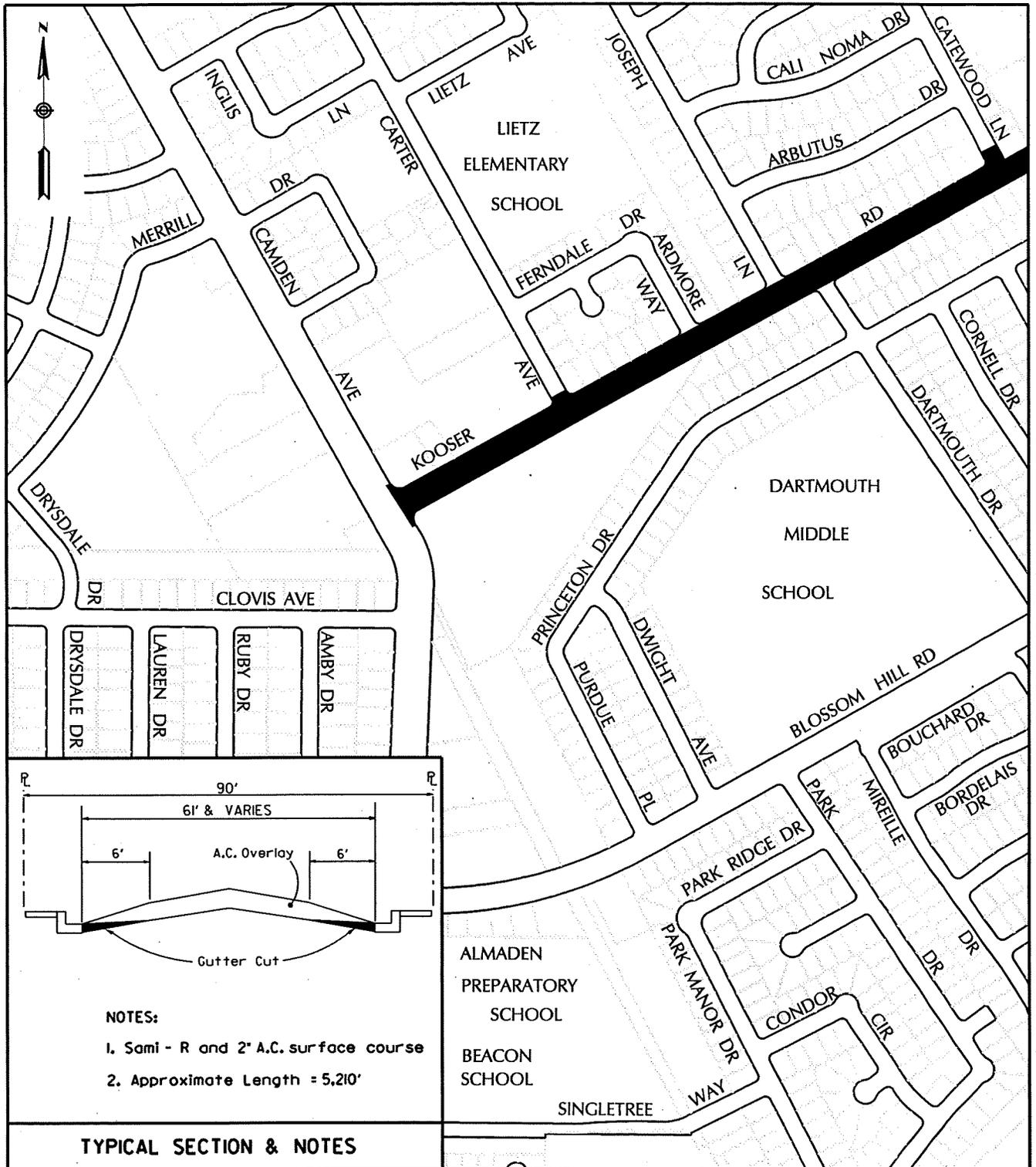
STP STREET RESURFACING / REHAB PROJECT – ROUND 3

STREET: SOUTH KING ROAD

Scale: 1" = 500'

LIMITS: Marsh Street to Tully Road

Sheet 2 of 2



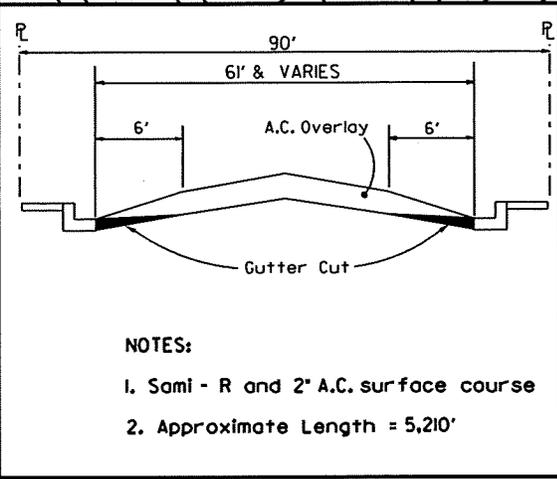
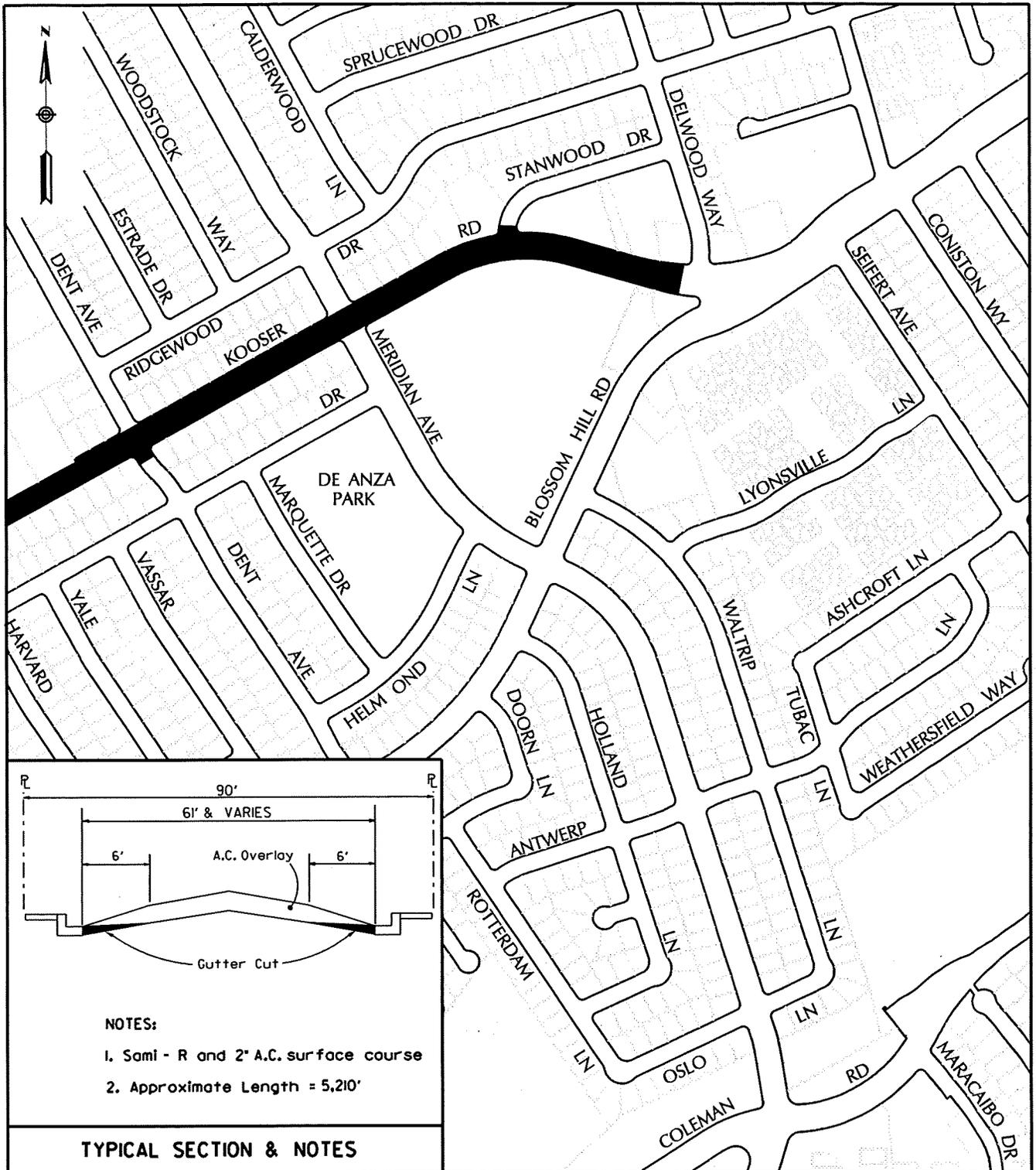
STP STREET RESURFACING / REHAB PROJECT – ROUND 3

STREET: KOOSER ROAD

Scale: 1" = 500'

LIMITS: Camden Avenue to Dellwood Way

Sheet 1 of 2



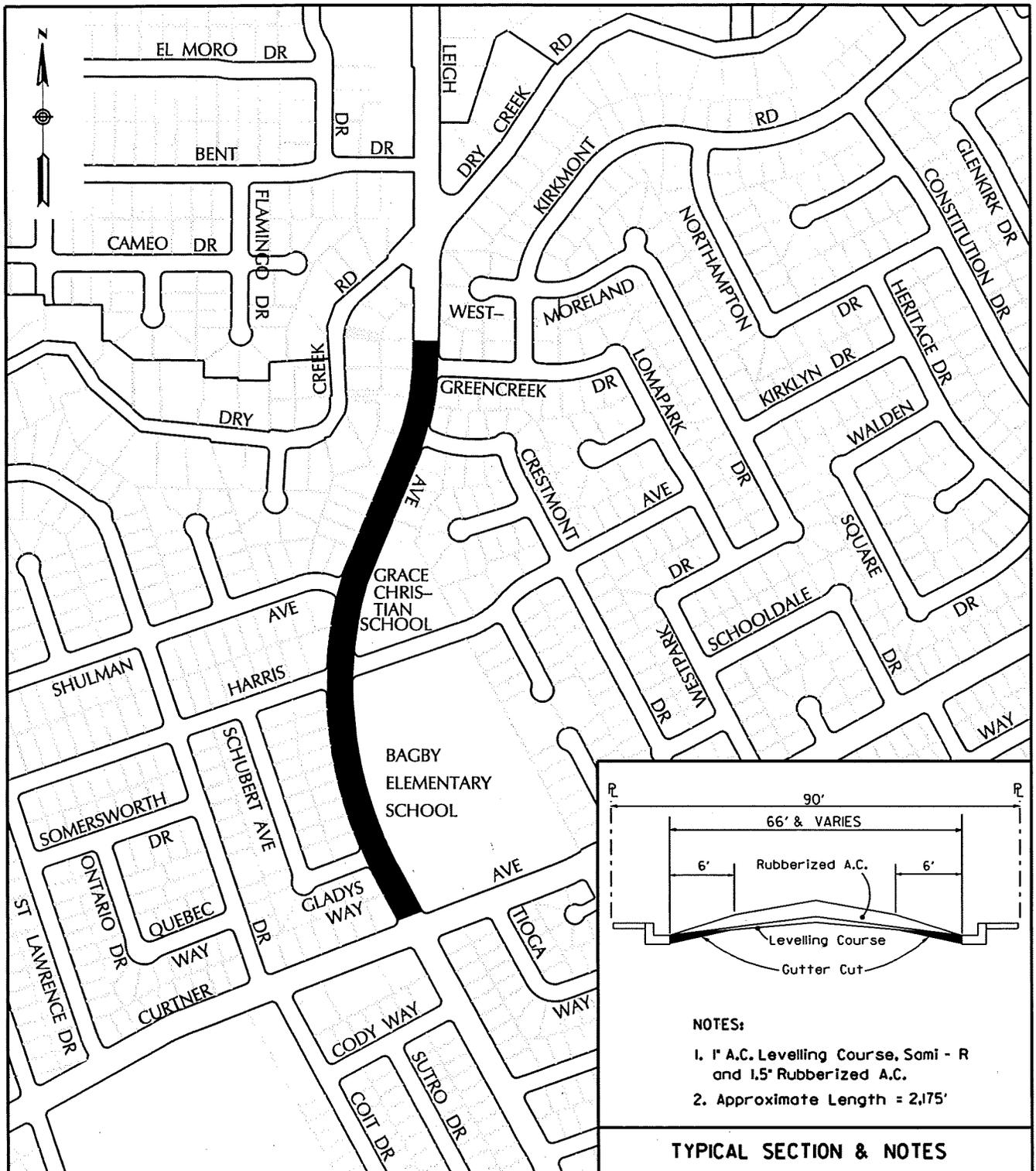
- NOTES:**
1. Semi - R and 2" A.C. surface course
 2. Approximate Length = 5,210'

TYPICAL SECTION & NOTES

STP STREET RESURFACING / REHAB PROJECT – ROUND 3

STREET:	KOOSER ROAD	Scale: 1" = 500'
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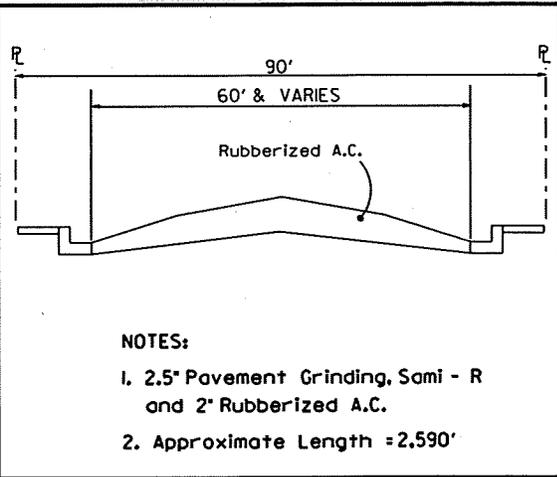
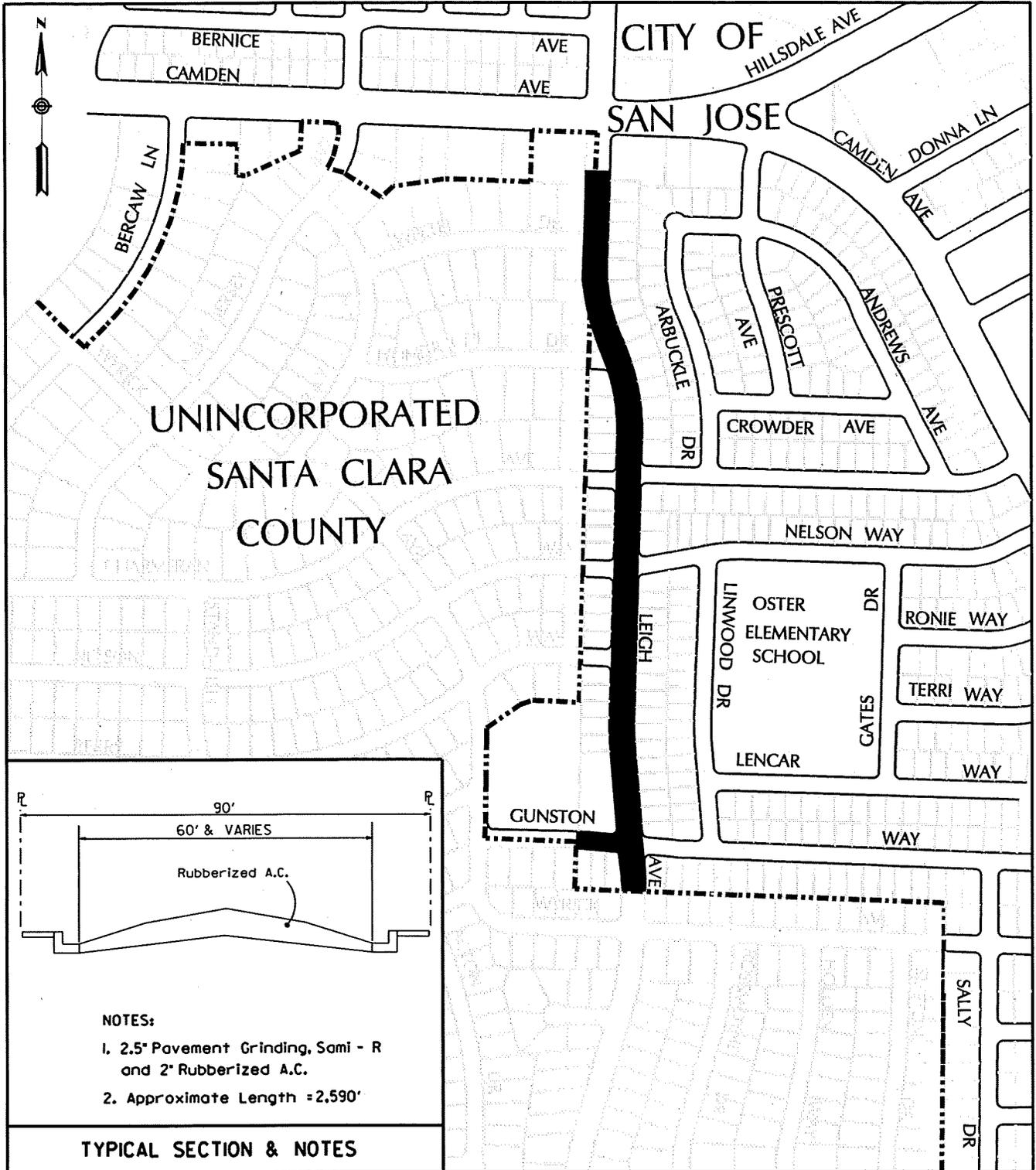
LIMITS:	Camden Avenue to Dellwood Way	Sheet 2 of 2
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STP STREET RESURFACING / REHAB PROJECT – ROUND 3

STREET:	LEIGH AVENUE	Scale: 1" = 500'
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LIMITS:	Green Creek Drive to Curtner Avenue	Sheet 1 of 1
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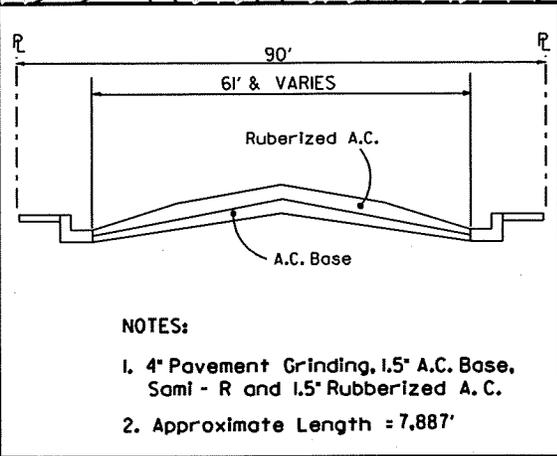
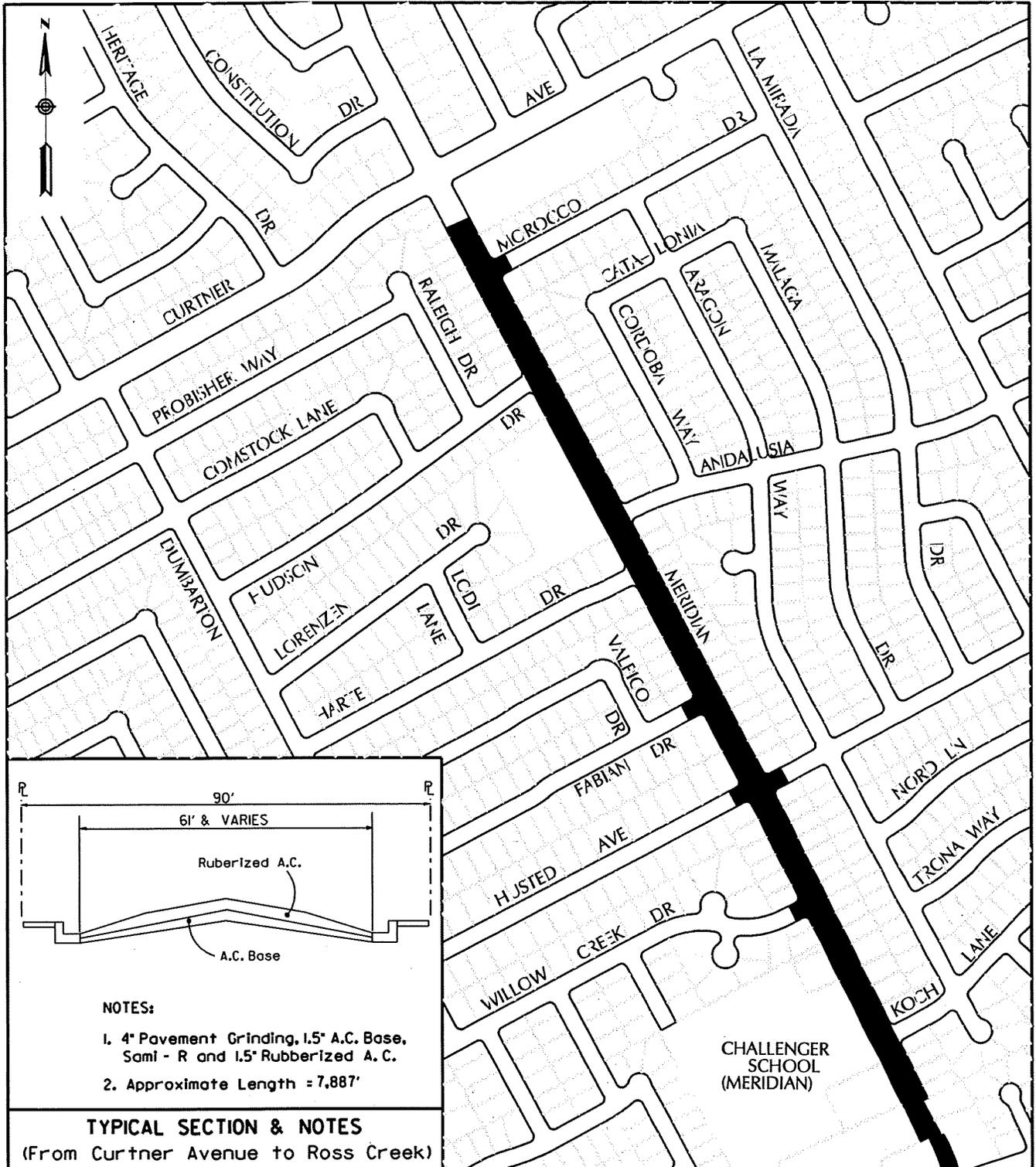
- NOTES:**
1. 2.5" Pavement Grinding, Semi - R and 2" Rubberized A.C.
 2. Approximate Length = 2,590'

TYPICAL SECTION & NOTES

STP STREET RESURFACING / REHAB PROJECT – ROUND 3

STREET:	LEIGH AVENUE	Scale: 1" = 500'
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LIMITS: 100' S of Camden Avenue to 109' N of Wyrick Avenue (CSJ City Limit)	Sheet 1 of 1
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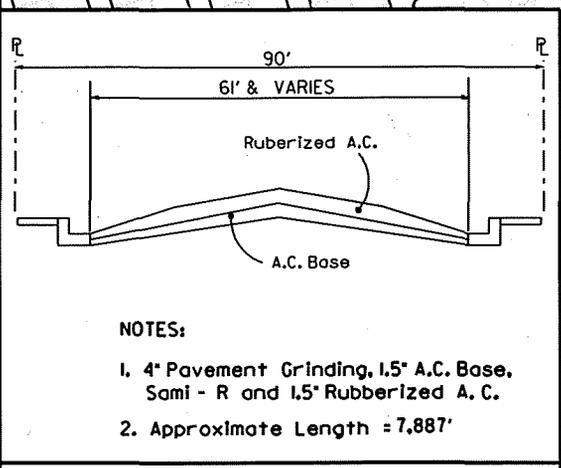
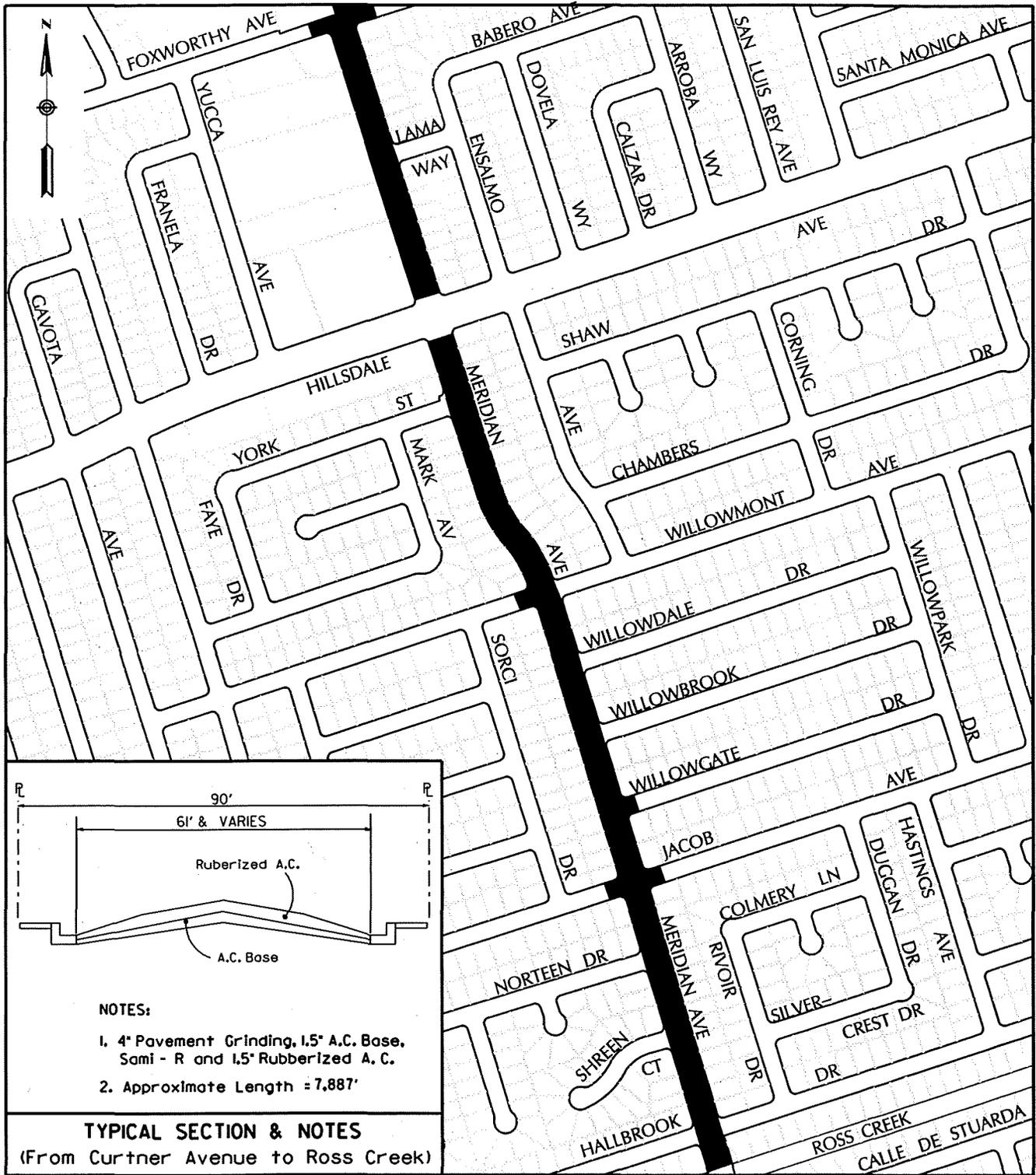


TYPICAL SECTION & NOTES
(From Curtner Avenue to Ross Creek)

STP STREET RESURFACING / REHAB PROJECT – ROUND 3

STREET:	MERIDIAN AVENUE	Scale: 1" = 500'
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LIMITS:	200' S of Curtner Avenue to Blossom Hill Road	Sheet 1 of 4
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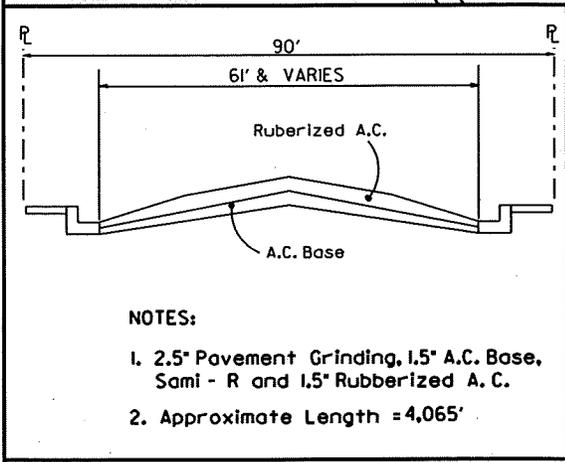
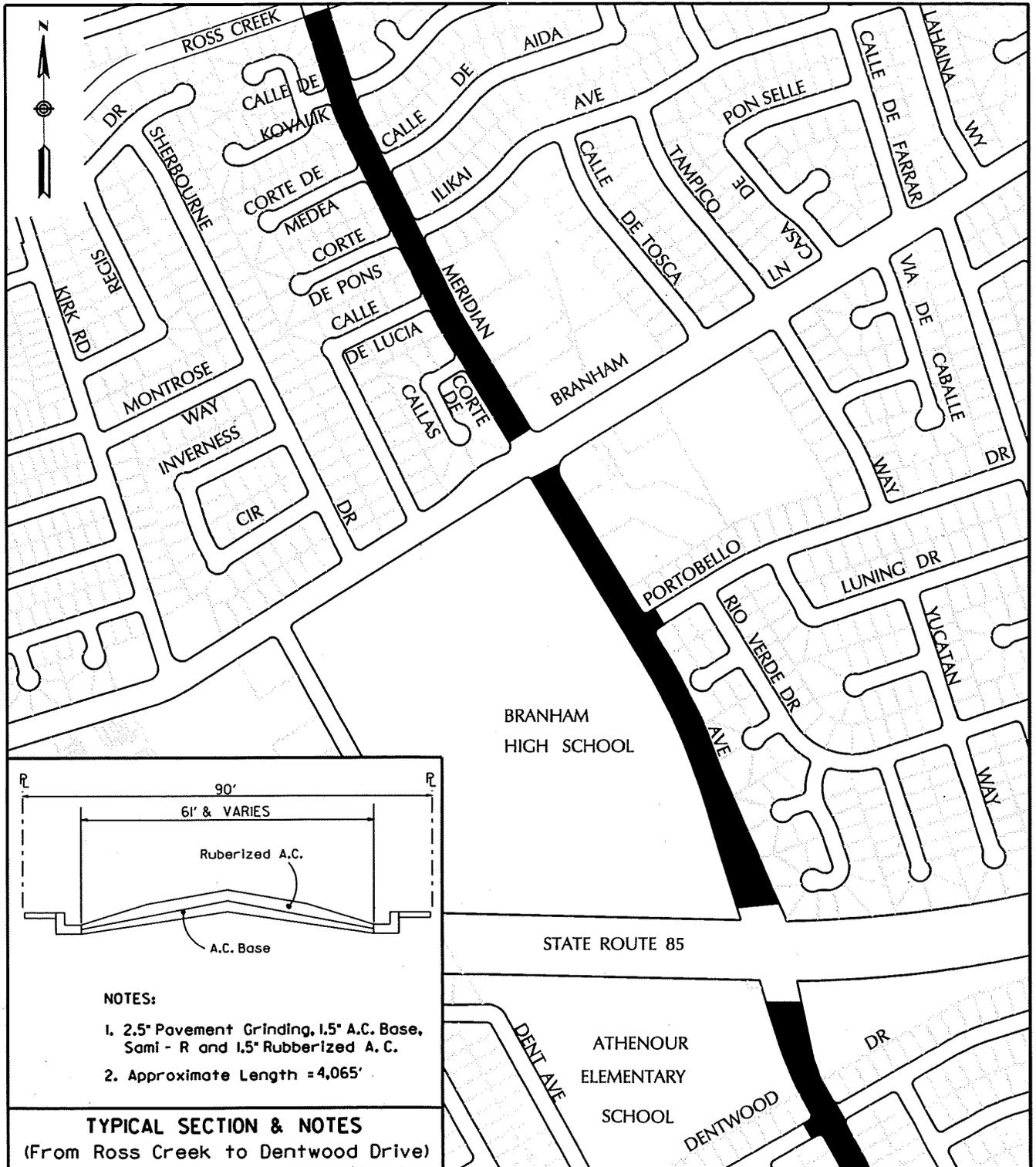
- NOTES:**
1. 4" Pavement Grinding, 1.5" A.C. Base, Semi - R and 1.5" Rubberized A. C.
 2. Approximate Length = 7,887'

TYPICAL SECTION & NOTES
(From Curtner Avenue to Ross Creek)

STP STREET RESURFACING / REHAB PROJECT – ROUND 3

STREET:	MERIDIAN AVENUE	Scale: 1" = 500'
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LIMITS:	200' S of Curtner Avenue to Blossom Hill Road	Sheet 2 of 4
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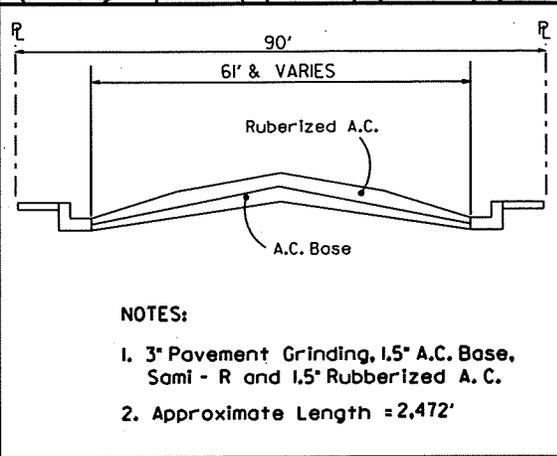
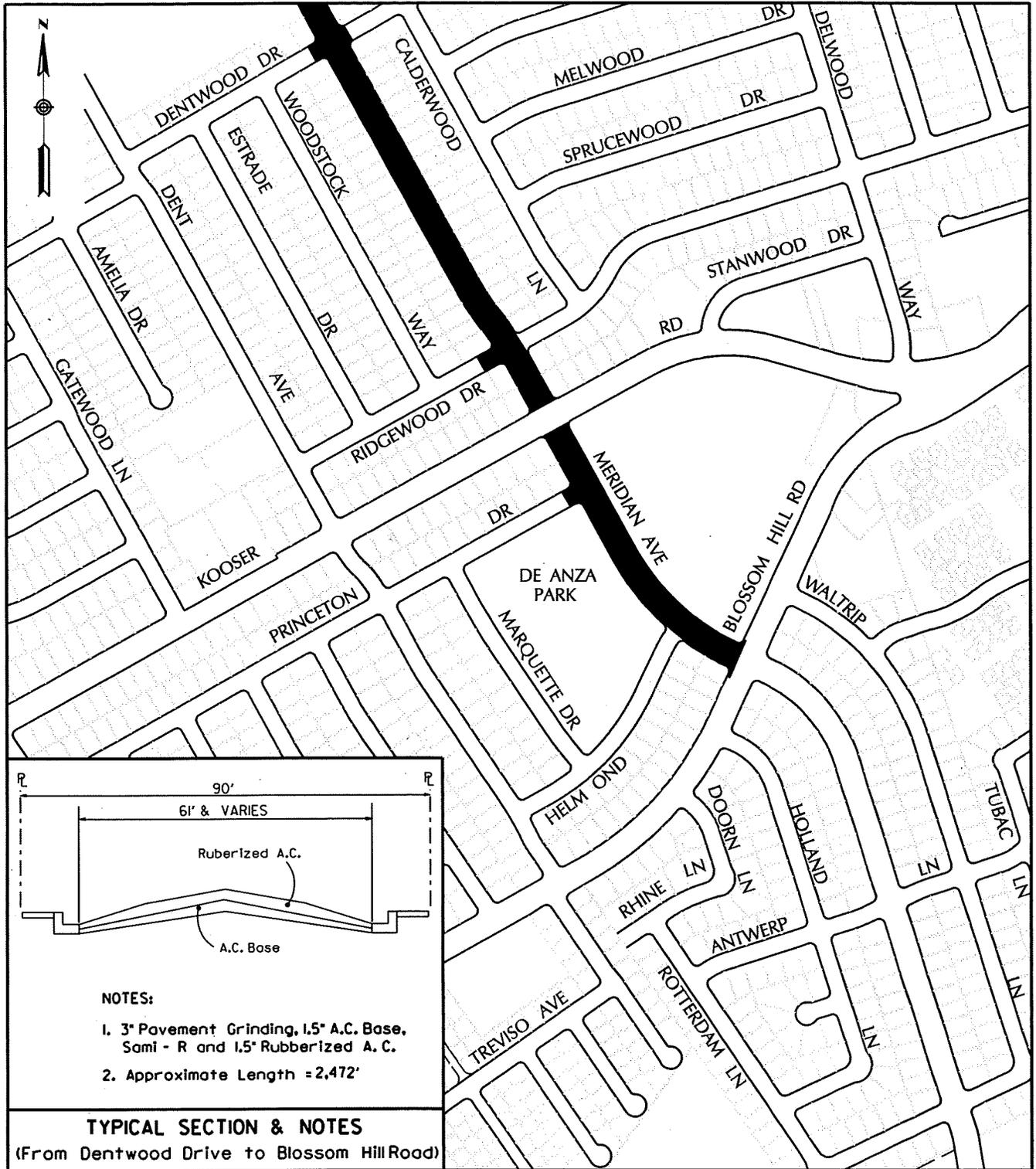
- NOTES:**
- 2.5" Pavement Grinding, 1.5" A.C. Base, Sami - R and 1.5" Ruberized A.C.
 - Approximate Length = 4,065'

TYPICAL SECTION & NOTES
(From Ross Creek to Dentwood Drive)

STP STREET RESURFACING / REHAB PROJECT – ROUND 3

STREET: MERIDIAN AVENUE **Scale:** 1" = 500'

LIMITS: 200' S of Curtner Avenue to Blossom Hill Road **Sheet 3 of 4**



NOTES:

1. 3" Pavement Grinding, 1.5" A.C. Base, Semi - R and 1.5" Rubberized A. C.
2. Approximate Length = 2,472'

TYPICAL SECTION & NOTES

(From Dentwood Drive to Blossom Hill Road)

STP STREET RESURFACING / REHAB PROJECT – ROUND 3

STREET:

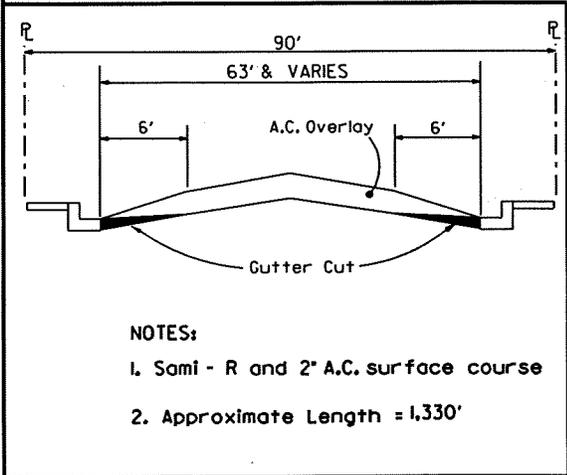
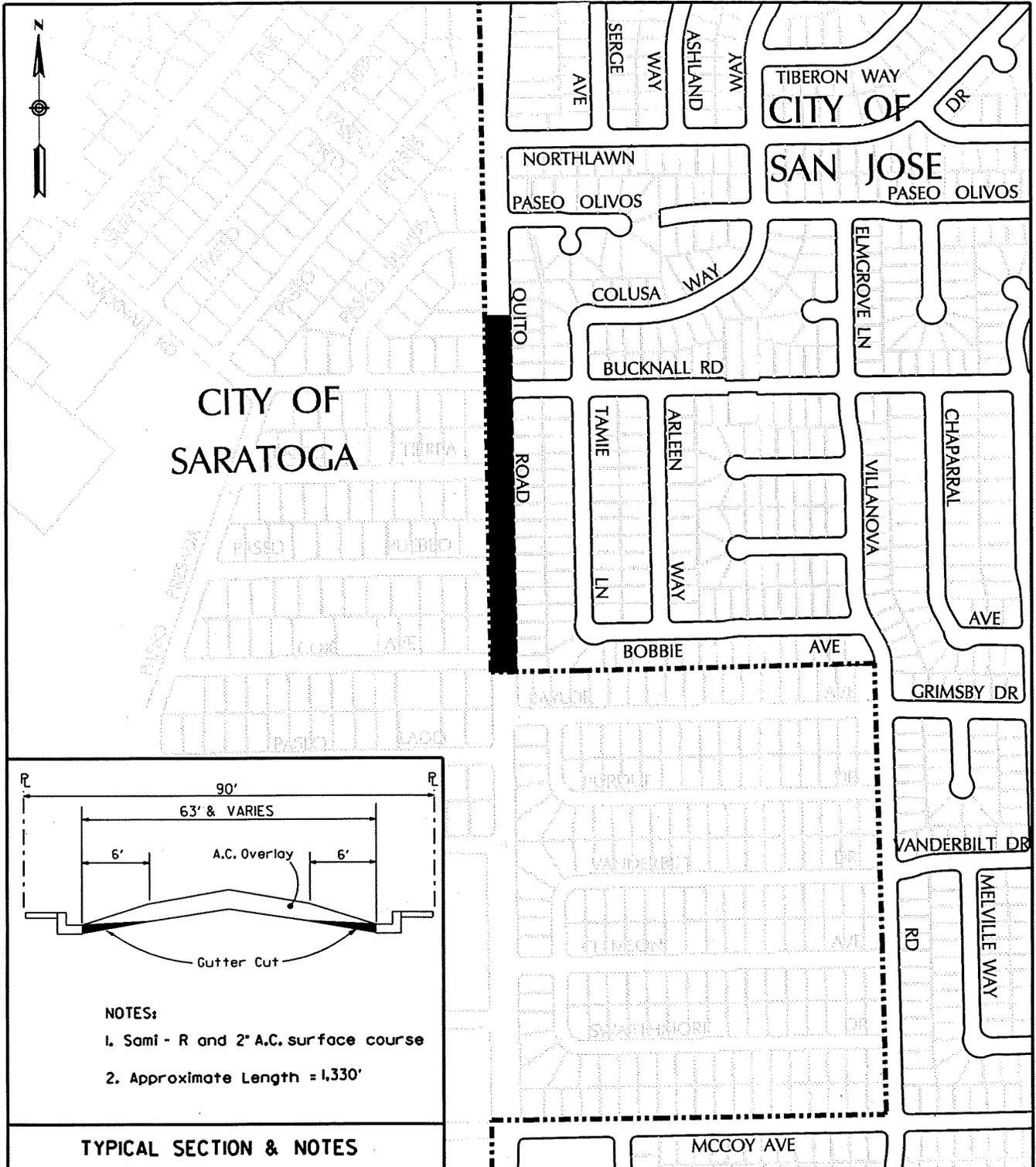
MERIDIAN AVENUE

Scale: 1" = 500'

LIMITS:

200' S of Curtner Avenue to Blossom Hill Road

Sheet 4 of 4



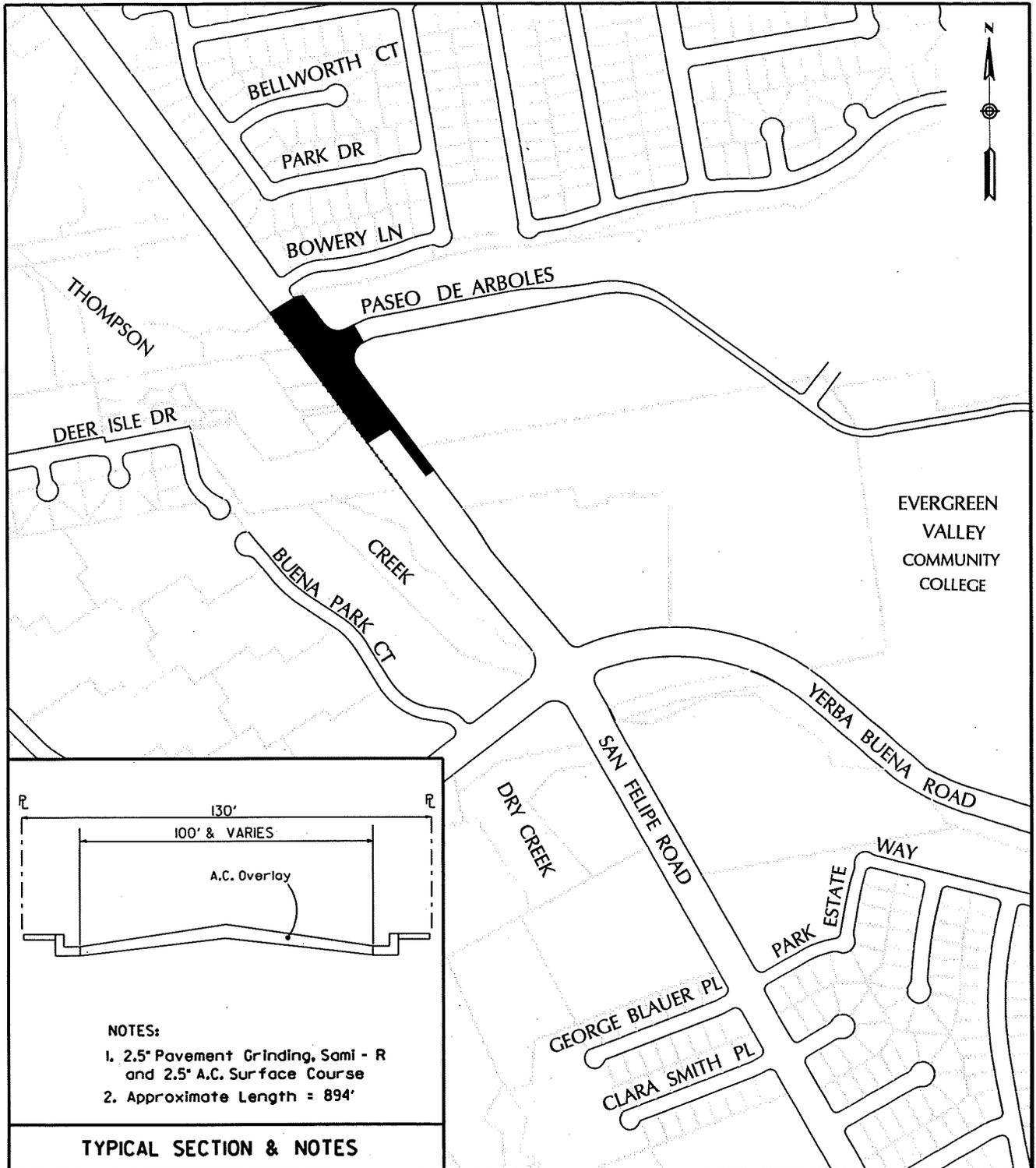
- NOTES:**
1. Sami - R and 2" A.C. surface course
 2. Approximate Length = 1,330'

TYPICAL SECTION & NOTES

STP STREET RESURFACING/REHAB PROJECT – ROUND 3

STREET:	QUITO ROAD	Scale: 1" = 500'
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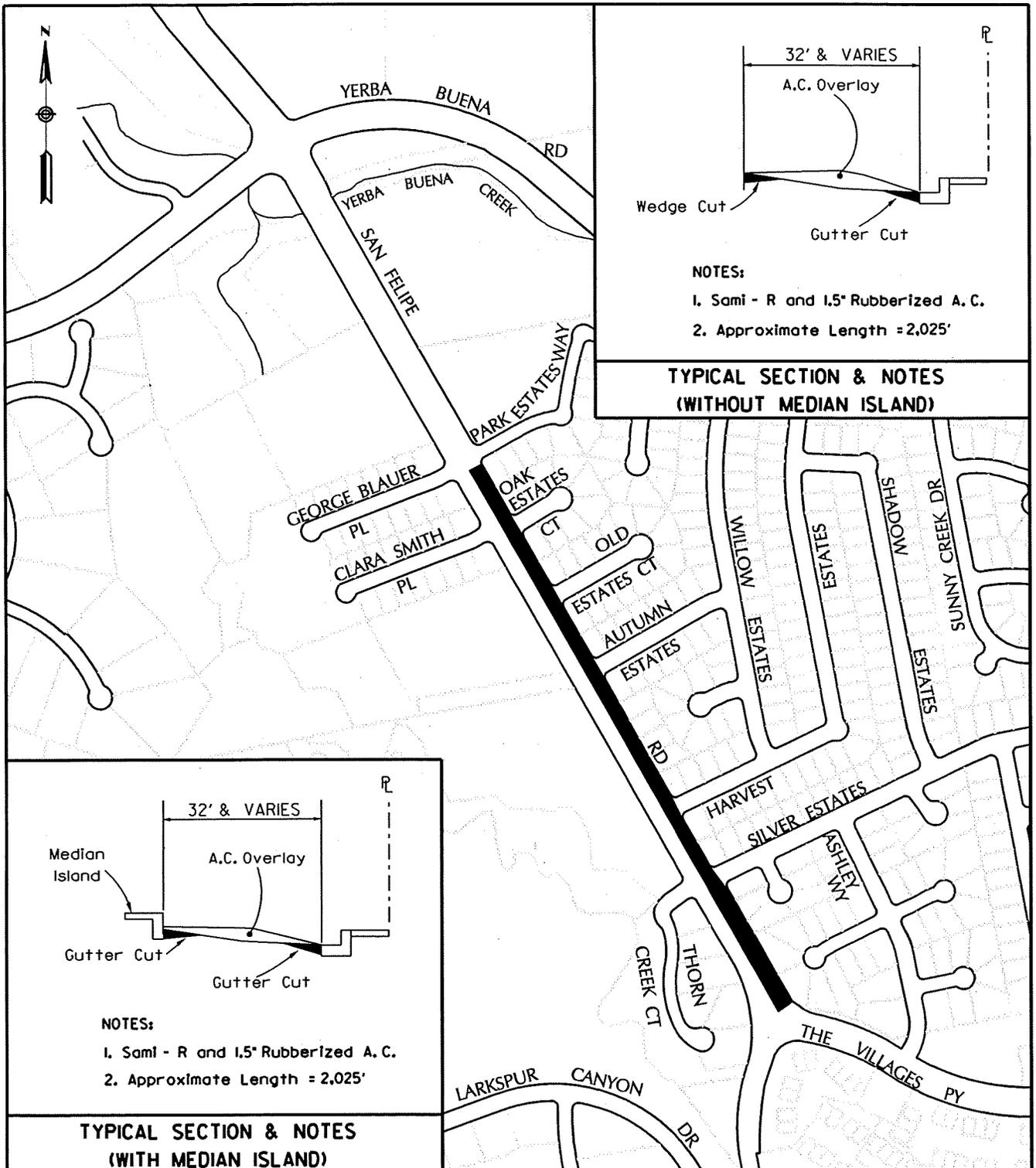
LIMITS:	Cox Avenue to 200' North of Bucknall Road	Sheet 1 of 1
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STP STREET RESURFACING / REHAB PROJECT – ROUND 3

STREET:	SAN FELIPE ROAD	Scale: 1" = 500'
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LIMITS:	Bowery Lane to 730' North of Yerba Buena Road	Sheet 1 of 1
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NOTES:

- 1. Sami - R and 1.5" Rubberized A. C.
- 2. Approximate Length = 2,025'

**TYPICAL SECTION & NOTES
(WITHOUT MEDIAN ISLAND)**

NOTES:

- 1. Sami - R and 1.5" Rubberized A. C.
- 2. Approximate Length = 2,025'

**TYPICAL SECTION & NOTES
(WITH MEDIAN ISLAND)**

STP STREET RESURFACING / REHAB PROJECT – ROUND 3

STREET:	SAN FELIPE ROAD NB	Scale: 1" = 500'
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LIMITS:	Park Estates Way to The Villages Parkway	Sheet 1 of 1
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