



**MEMORANDUM
PUBLIC WORKS AND FACILITIES
ROAD MAINTENANCE DIVISION
County of Placer**

TO: Board of Supervisors
FROM: Ken Grehm, Director of Public Works and Facilities
By: Kevin Taber, Engineering Manager

DATE: June 7, 2016

SUBJECT: Road Maintenance / Award Contract / Federal Hot Mix Asphalt Overlay Project

ACTION REQUESTED

Approve the award and execution of competitive Bid No. 10543 to Teichert Construction of Roseville, CA for Contract 0914, 2016 Federal Hot Mix Asphalt Overlay Project STPL 5919(125), in the amount of \$2,396,818.50 for FY 2015-16; and authorize the Director of Public Works and Facilities, or designee, to execute contract change orders up to 10 percent of the contract amount.

BACKGROUND

The Department of Public Works and Facilities (DPWF) performs various surface treatments on maintained public roadways to protect, preserve, and extend their useful lives. The selection of roads for surface treatment is typically a function of the road condition, traffic volumes, and funding. Placer County received federal funds to place qualifying surface treatments on roads functionally classified by the Federal Highway Administration (FHWA) as major collectors and above. The FHWA identifies functional classification as a key item in transportation data. Streets and highways are grouped into classes according to the service they provide. Only a small portion of Placer County's maintained miles receive these classifications, including the roads listed in the project. These roads are:

STREET NAME	LIMITS	LENGTH
Douglas Boulevard	Barton Road to Auburn Folsom Road	5,300'
Edgewood Road	Highway 49 to Edgewood Place	5,280'
Nevada Street	Highway 49 to City of Auburn	760'
Richardson Drive	Atwood Road to Bell Road	2,700'
Dry Creek Road	Highway 49 to Joeger Road	5,100'
		3.6 miles

DPWF included \$2,809,435 in the FY 2015-16 Final Budget for this project (PC 2990), utilizing Federal funds and toll credits. Approximately 3.6 miles of roadway are included in this year's project.

The Department of Public Works and Facilities enlisted the assistance of the Procurement Services Division to develop Invitation for Bid No. 10543 for 2016 Federal Hot Mix Asphalt Overlay Project; Contract 0914. The bid was solicited in accordance with the Public Contract Code. Three hundred thirty-three firms were notified of the bid, eighty firms accessed the bid documents, and formal responses were received from five firms.

The responses were evaluated in accordance with the criteria stated in the bid solicitation and the Public Contract Code. Based on the evaluation of the responses received, Teichert Construction is the lowest responsive and responsible bidder. Procurement Services received no bid protests. The recommended contractor possesses a valid Class A Contractors License Classification. The contractor and the listed subcontractors are registered with Department of Industrial Relations. DPWF concurs with Procurement's recommendation.

Therefore, your Board's approval is required to proceed with the award of Contract No. 0914 in the amount of \$2,396,818.50, and to authorize the Director of Public Works to approve and sign contract change orders not to exceed \$239,682.

ENVIRONMENTAL IMPACT

This project is Categorical Exempt from the provisions of CEQA as a Class I exemption, Section 15301 (c) "Maintenance of Existing Facilities". A Notice of Exemption with the Clerk Recorders office on January 9, 2015. The project was granted a Categorical Exclusion under National Environmental Policy Act (NEPA) on February 26, 2015.

FISCAL IMPACT

The cost of this Construction contract is \$2,396,818.50, plus a maximum contingency amount of \$239,682. Funding is budgeted in the FY 2015-16 Final Budget in the Department of Public Works and Facilities, Engineering Division (appropriation 11320, PC 2990), 2016 Hot Mix Asphalt Overlay, Contract 0914. The Construction contract is included within the total budgeted project cost of \$2,809,435, which includes Federal funds and toll credits. Toll credits will be utilized to cover the normal "County match" of 11.53 percent. This is a one-time project that is a part of the Department's road maintenance and resurfacing efforts. As additional funding becomes available, it will be applied to future projects.

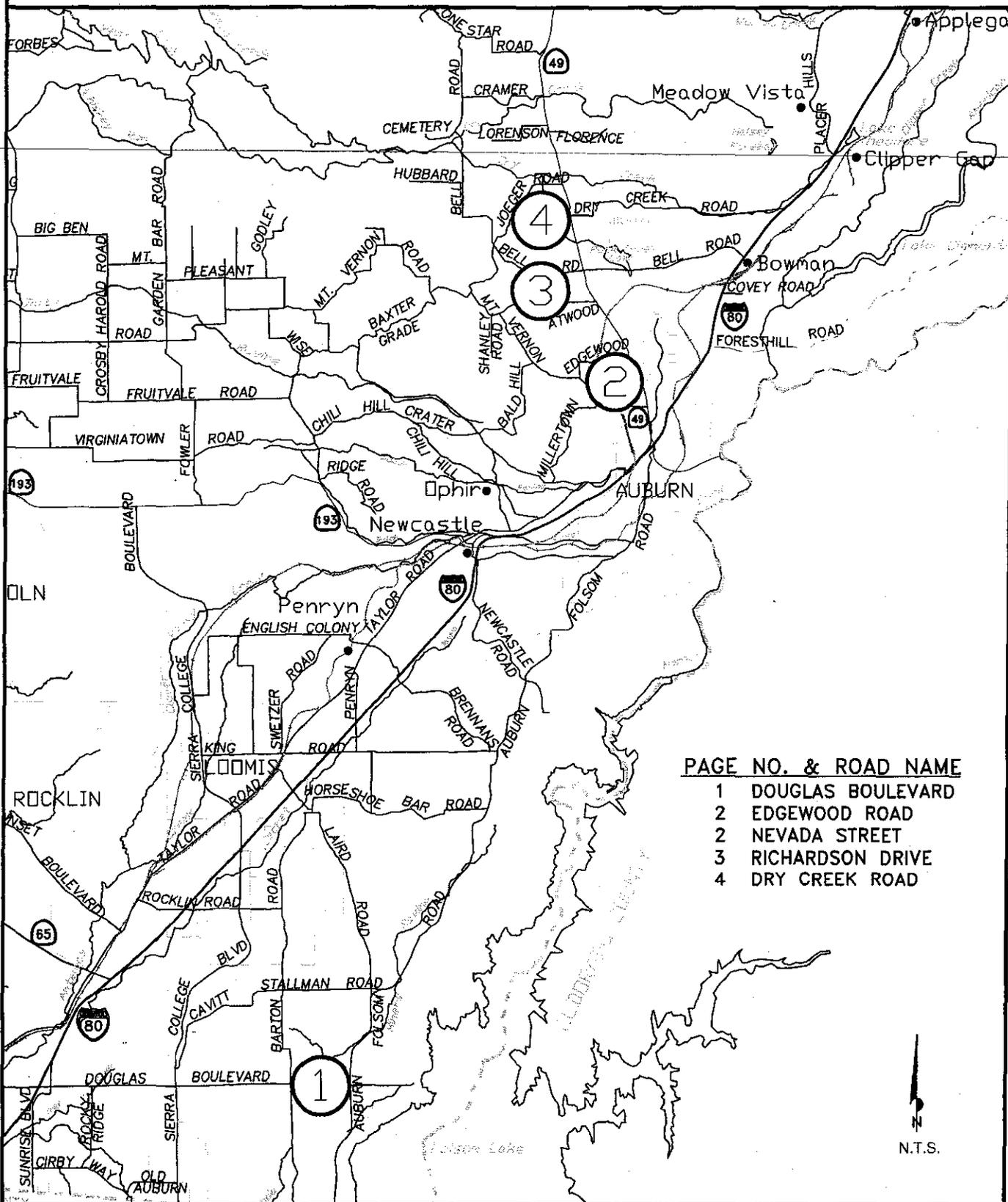
ATTACHMENTS

Location Maps

Contract on file with Clerk of the Board

T:\DPW\ROAD MAINTENANCE\BoS Memos\Federal Hot Mix Award 0914\BOS AWARD Summer 2016 HMA FEDERAL Overlay Contract No 000914 Teichert.docx

VICINITY MAP



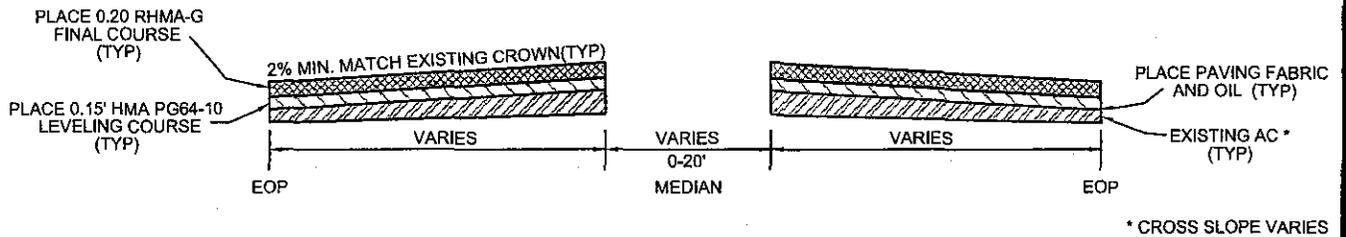
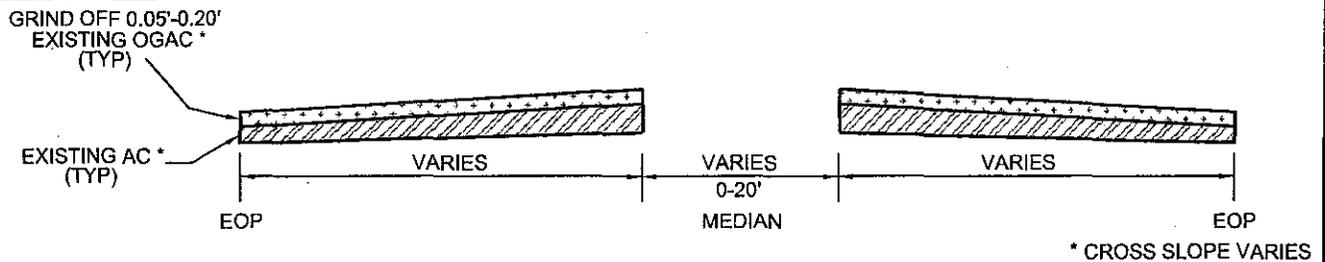
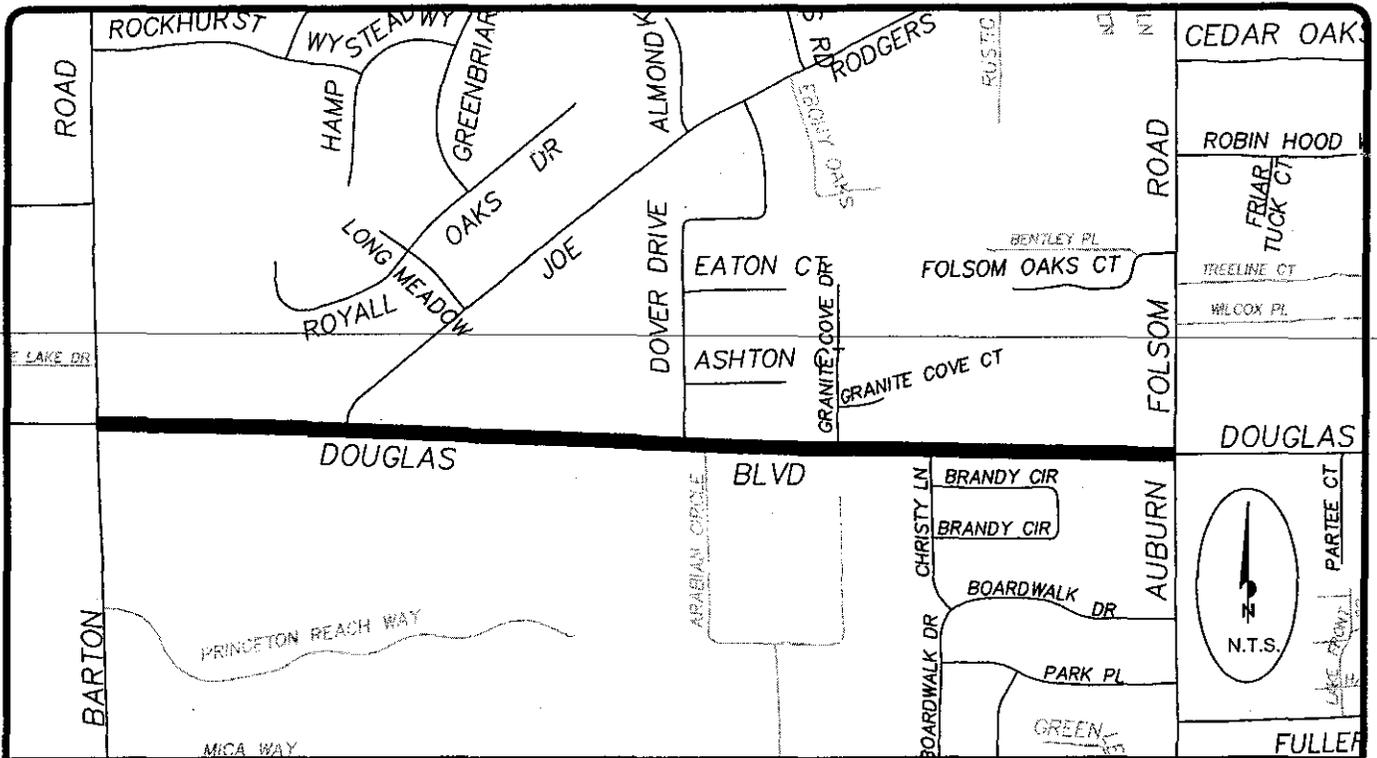
PAGE NO. & ROAD NAME

- 1 DOUGLAS BOULEVARD
- 2 EDGEWOOD ROAD
- 2 NEVADA STREET
- 3 RICHARDSON DRIVE
- 4 DRY CREEK ROAD



HOT MIX ASPHALT OVERLAY PROJECT

PLACER COUNTY
RSTP FUNDED
SUMMER 2016

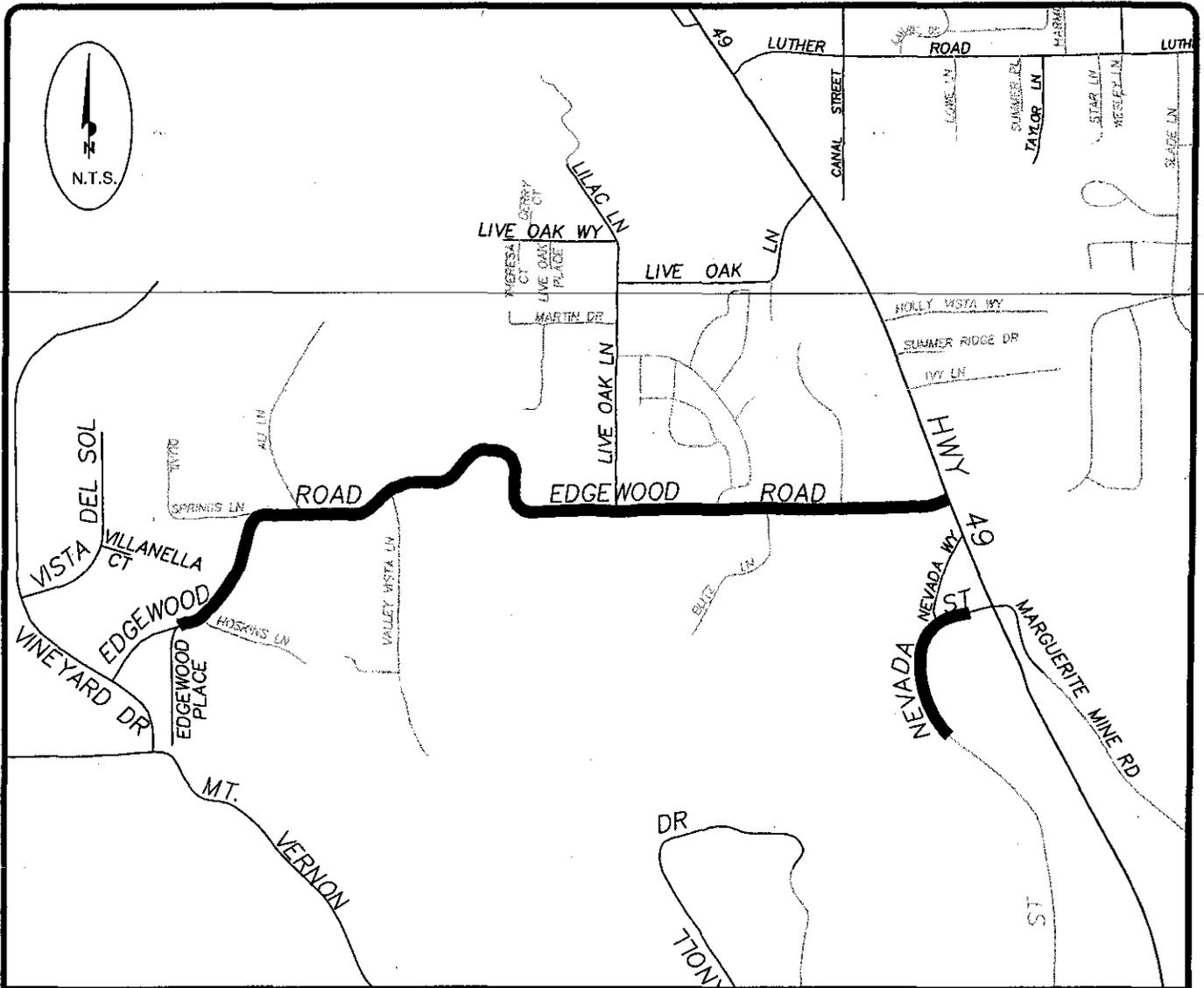


- NOTES:
1. APPLY A TACK COAT (PAINT BINDER) TO ALL EXISTING AC SURFACES BEFORE PLACEMENT OF THE HMA AND RHMA-G OVERLAYS.
 2. PROVIDE TRANSITIONS PER DETAILS A, B, C AND D.
 3. APPROXIMATE QUANTITY INCLUDES TONNAGE FOR ADDITIONAL AREAS SHOWN ON DETAIL A.
 4. ADDITIONAL PAVEMENT GRINDING REQUIREMENTS ARE SHOWN IN DETAILS A, D AND E.

APPROXIMATE QUANTITIES

1/2" RHMA-G (PG 64-10) DEPTH 0.20'
 1/2" HMA (PG 64-10) DEPTH 0.15'
 LENGTH 5,338' WIDTH VARIES
 TONS RHMA-G 6,566 T. (SEE NOTE 3)
 TONS HMA 4,900 T.
 GRINDS 49,000 S.Y. (SEE NOTE 4)
 FABRIC & OIL 48,500 S.Y.
 MANHOLES-34 UTILITIES-28

HOT MIX ASPHALT OVERLAY
 PLACER COUNTY
 RSTP FUNDED
 SUMMER 2016
DOUGLAS BLVD



- NOTES:
1. APPLY A TACK COAT (PAINT BINDER) TO ALL EXISTING AC SURFACES BEFORE PLACEMENT OF THE HMA OVERLAY.
 2. PROVIDE TRANSITIONS PER DETAILS A, B, C AND D.
 3. APPROXIMATE QUANTITY INCLUDES TONNAGE FOR ADDITIONAL AREAS SHOWN ON DETAIL A.
 4. PAVEMENT GRINDING REQUIREMENTS ARE SHOWN IN DETAILS A, D AND E.

**HOT MIX ASPHALT OVERLAY
PLACER COUNTY – RSTP FUNDED
SUMMER 2016**

EDGEWOOD RD

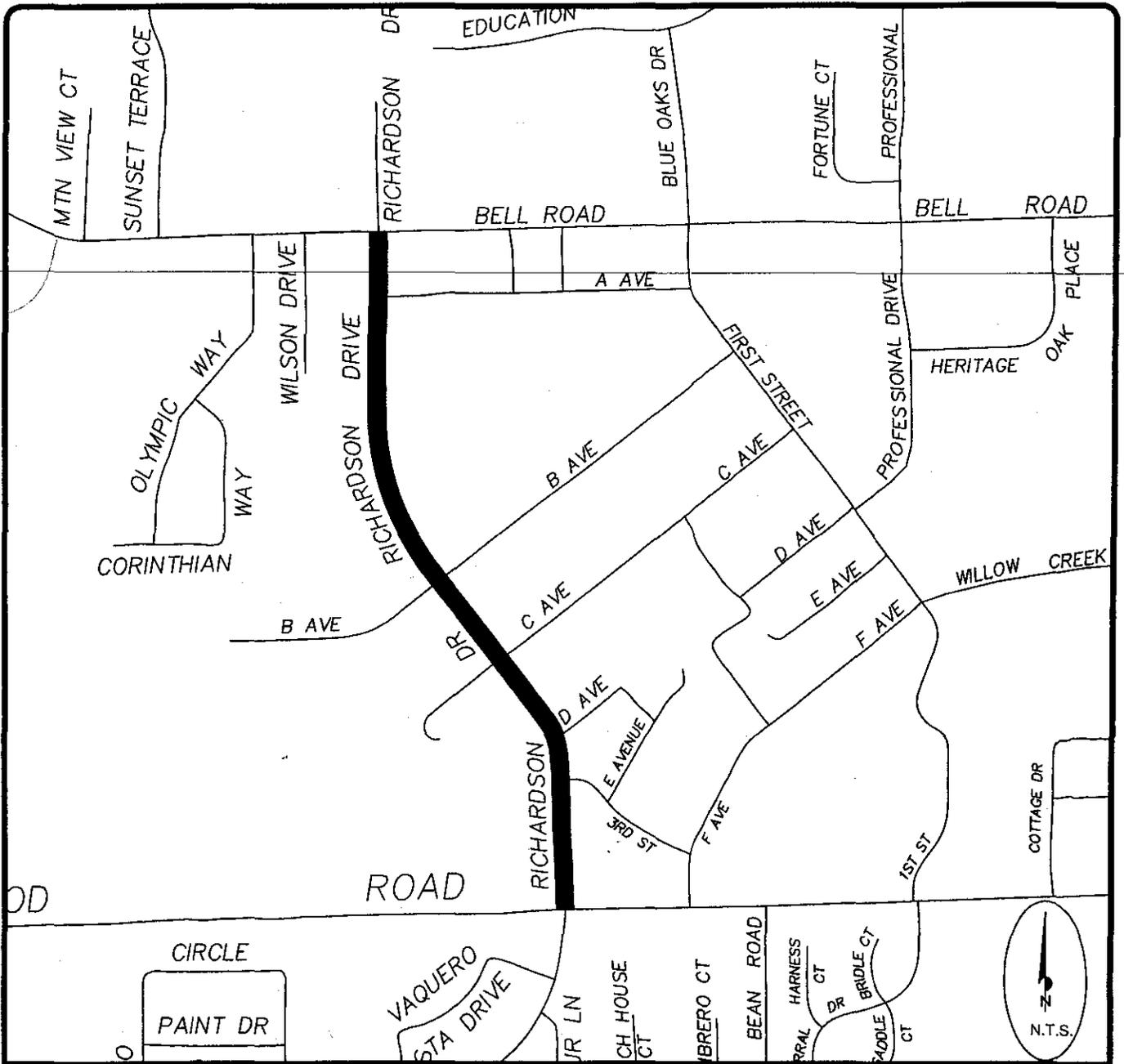
APPROXIMATE QUANTITIES

1/2" HMA (PG 64-16) DEPTH 0.25'
 LENGTH 5,280' WIDTH 24'-36'
 TONS 3,300 T. (SEE NOTE 3)
 GRINDS 600 S.Y. (SEE NOTE 4)
 FABRIC & OIL 17,600 S.Y.
 MANHOLES-6 UTILITIES-22

NEVADA ST

APPROXIMATE QUANTITIES

1/2" HMA (PG 64-16) DEPTH 0.25'
 LENGTH 760' WIDTH 50'
 TONS 700 T. (SEE NOTE 3)
 GRINDS 1,300 S.Y. (SEE NOTE 4)
 FABRIC & OIL 4,222 S.Y.
 UTILITIES-8



NOTES:

1. APPLY A TACK COAT (PAINT BINDER) TO ALL EXISTING AC SURFACES BEFORE PLACEMENT OF THE HMA OVERLAY.
2. PROVIDE TRANSITIONS PER DETAILS A, B, C AND D.
3. APPROXIMATE QUANTITY INCLUDES TONNAGE FOR ADDITIONAL AREAS SHOWN ON DETAIL A.
4. PAVEMENT GRINDING REQUIREMENTS ARE SHOWN IN DETAILS A, D AND E.

APPROXIMATE QUANTITIES

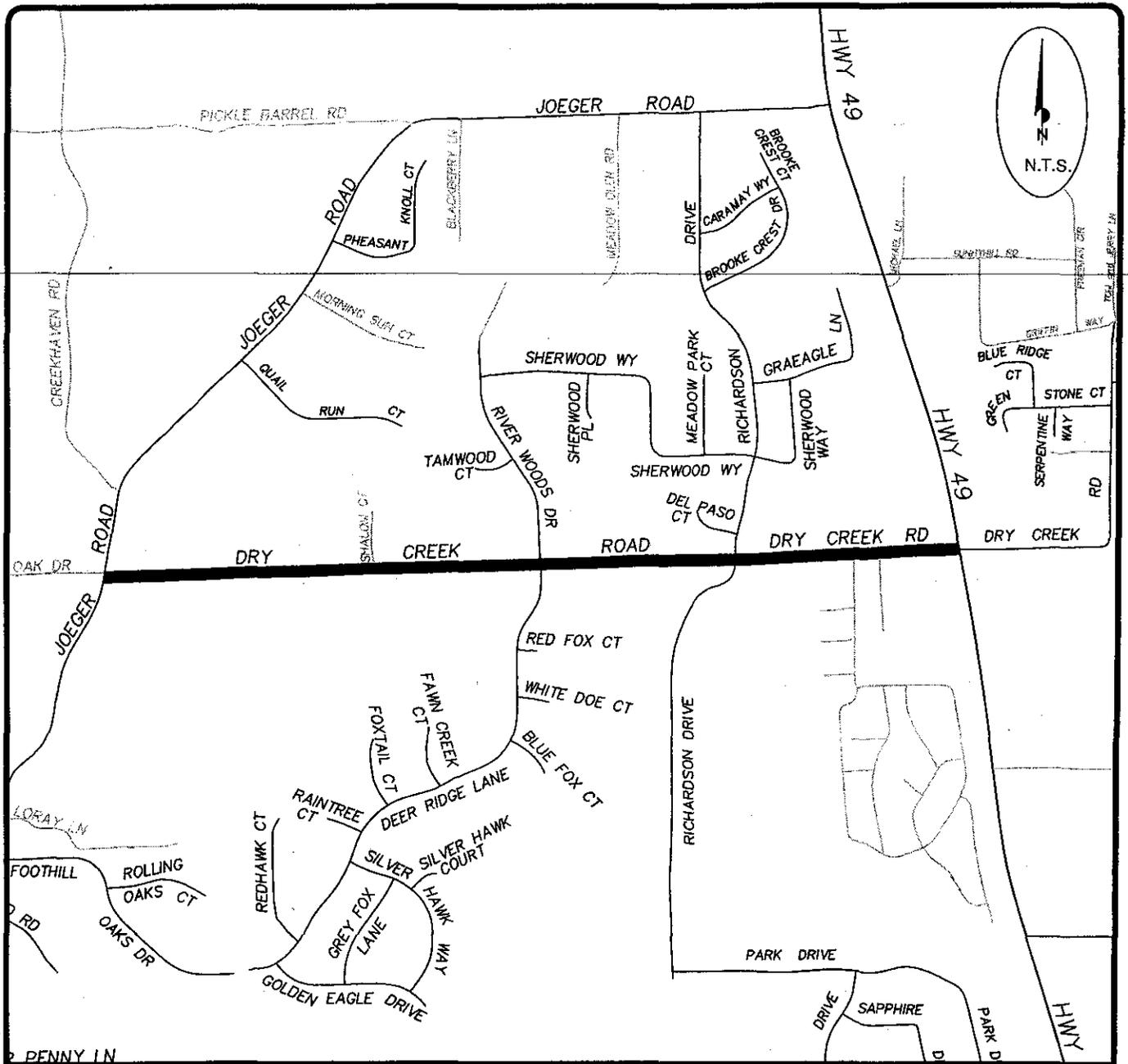
1/2" HMA (PG 64-16) DEPTH 0.25'
 LENGTH 2,700' WIDTH 40'
 TONS 2,025 T. (SEE NOTE 3)
 GRINDS 3,100 S.Y. (SEE NOTE 4)
 FABRIC & OIL 12,000 S.Y.

MANHOLES-6 UTILITIES-17

HOT MIX ASPHALT OVERLAY

PLACER COUNTY
 RSTP FUNDED
 SUMMER 2016

RICHARDSON DRIVE



NOTES:

1. APPLY A TACK COAT (PAINT BINDER) TO ALL EXISTING AC SURFACES BEFORE PLACEMENT OF THE HMA OVERLAY.
2. PROVIDE TRANSITIONS PER DETAILS A, B, C AND D.
3. APPROXIMATE QUANTITY INCLUDES TONNAGE FOR ADDITIONAL AREAS SHOWN ON DETAIL A.
4. PAVEMENT GRINDING REQUIREMENTS ARE SHOWN IN DETAILS A, D AND E.

APPROXIMATE QUANTITIES

$1/2"$ HMA (PG 64-16)	DEPTH	0.25'
LENGTH	5,100'	WIDTH VARIES
TONS	4,600 T. (SEE NOTE 3)	
GRINDS	1,800 S.Y. (SEE NOTE 4)	
FABRIC & OIL	27,300 S.Y.	
MANHOLES-12	UTILITIES-10	

HOT MIX ASPHALT OVERLAY

PLACER COUNTY
RSTP FUNDED
SUMMER 2016

DRY CREEK ROAD

