

Yolo County Debt Committee
Item # 5 – Airport Taxiway Repaving Loan
January 8, 2019

Financing Mechanism:	Loan
Requesting Department/Agency:	County Administrators Office / Airport
Time Duration:	17 Years
Debt Amount Requested:	\$258,700
Reason before Debt Committee:	1) Transaction involves an agreement with another governmental agency.

Purpose/Project:

For several years the county-owned portions of the taxiway/apron that serves Yolo Aviation and several other major lessees has been in disrepair with potholes and/or paved with gravel. These pavement surfaces can make aircraft travel dangerous and exposes the County to potential liability in the event of aircraft damage or injury. In 2017 the County temporarily filled the worst potholes, but now needs to resurface the area and add pavement to the gravel surfaces. Maintenance and upkeep of these taxiways are a requirement of the County included in each of the tenant leases.

The Airport has commissioned an engineered repaving plan and has received two bids for the work. The lower of the two bids puts the anticipated project cost for repaving all four taxiways at \$407,180. However, the Airport Enterprise Fund can only support payments for a loan of \$258,700 at this time, which is enough to complete upgrades of Taxiways A and C at \$263,100 plus contingencies and project management costs. On November 20, 2018, the Board approved a contract with the low bidder, Teichert and Sons, for repaving taxiways A and C.

The Federal Aviation Administration (FAA) does not offer grants for its lower priority projects such as apron paving in hangar areas, so repaving is the responsibility of the County. The County's Airport Enterprise Fund does not have enough funds to cover these project costs without borrowing funds. CalTrans offers a Local Airport Loan Program with interest rates that match the latest California General Obligation Bond sale interest rate, currently 3.9%. CalTrans requires annual payments, which is estimated to be \$21,101 per year. Should the loan be approved by CalTrans, the project will commence at the conclusion of the rainy season, likely in February.

The interest rate on the CalTrans loan is favorable to the County. The estimate for the next Capital Improvement Bond issuance is an interest rate of 4.82% from the County's financial advisor and the CIP bond would require collateralization whereas the CalTrans loan does not.

The project is in the County's current Capital Improvement Plan and is listed on the Caltrans Capital Improvement Plan for this airport as "EAA/County Apron Rehabilitation" and "Design and Construct North Apron Expansion".

Attachment:

Attachment A – Loan Application to CalTrans

PLEASE PRINT OR TYPE AND COMPLETE ALL APPLICABLE ITEMS

PART I. AIRPORT INFORMATION

PUBLIC ENTITY County of Yolo	AIRPORT NAME Yolo County Airport (DWA)	PERMIT NO.
CONTACT NAME Gary Engel	TITLE Risk Management, Safety and Airport	
BUSINESS ADDRESS 625 Court Street, Room 202, Woodland, CA 95695	BUSINESS PHONE (530) 406-5044	

PART II. PROJECT INFORMATION

PROJECT DESCRIPTION	TOTAL COST	STATE LOAN	OTHER (<i>Identify</i>)
Apron rehabilitation and improvements to serve major airport tenants - Phase 1	\$263,100.00	\$258,700.00	\$4,400*
*from existing uncommitted Airport funds			

PART III. REQUIRED SUPPORTING DOCUMENTS

Pursuant to Public Utilities Code Section 21602 and Chapter 5 of the CAAP Regulations, submit the following documents with this application:

- Local government approval (*resolution or minute order*) as described in Section 4072.1(a).
- FAA's final determination regarding submitted FAA forms, such as FAA Forms 7460-1 and 7480-1, if applicable.
- Verification of full compliance with the California Environmental Quality Act (CEQA) by submitting information to fulfill either 1. or 2. below:
 - Copy of Notice of Exemption or provide the Categorical Exemption Class # 1 (CEQA Guidelines Sections 15300-15333)
 - Copy of Notice of Determination or provide the following information:
 - Environmental Impact Report (Title/Date) _____ State Clearinghouse (SCH)# _____ or
 - Negative Declaration (Title/Date) _____ State Clearinghouse (SCH)# _____ or
 - National Environmental Policy Act (NEPA) document (Title/Date) _____
 (NEPA documents-Environmental Impact Statement or Finding of No Significant Impact must comply with CEQA provisions)
- 11 x 17-inch Drawing or Airport Layout Plan showing project location(s) and dimensions.
- Completed CAAP Certification (Form DOA-0007), if not submitted to the Division of Aeronautics earlier for this fiscal year.
- Project Feasibility: (1) engineering and (2) financial pursuant to Section 4072.

PART IV. AUTHORIZATION

AUTHORIZED OFFICIAL'S SIGNATURE	TITLE Assistant County Administrator
PRINT NAME Mindi Nunes1	DATE

SEND COMPLETED APPLICATION AND ALL REQUIRED DOCUMENTS TO:

**CALIFORNIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF AERONAUTICS - MS #40
 P.O. BOX 942874
 SACRAMENTO, CA 94274-0001**

COUNTY RECORDER
Filing Requested by:

Yolo County Administrator's Office

Name
625 Court Street, Room 202

Address
Woodland, CA 95695

City, State, Zip
Attention: Mindi Nunes



Notice of Exemption

To: Yolo County Clerk
625 Court Street
Woodland, CA 95695

Project Title: Yolo County Airport Pavement Rehabilitation and Improvements

Applicant: Yolo County
625 Court Street, Room 202
Woodland, CA 95695

Project Location: Yolo County Airport, c/o 25170 Aviation Avenue, Davis, CA 95616

Project Description: To increase safety the proposed project will rehabilitate deteriorated pavement and pave over existing gravel taxiways on established Airport aprons/taxiways in established hangar areas. The project will include minor excavation and construction of asphalt to accommodate aircraft taxiing to and from hangars.

Exempt Status: The project is exempt from further environmental review based on Sections 15268 and 15301(c) of the California Environmental Quality Act Guidelines (CEQA).

Reasons why project is exempt: Section 15268 allows a Statutory Exemption for "ministerial" projects that are absent of any discretionary provisions, such as buildings and other permits. This project is a principal permitted use in the A-O (Airport Overlay) Zone, and is also envisioned in the Yolo County Airport Master Plan. Section 15301(c) covers existing highways and streets, sidewalks, gutters, bicycle and pedestrian trails, and similar facilities (this includes road grading for the purpose of public safety). Any environmental impact will be limited to asphalt paving of taxiways.

Lead Agency Contact Person: Mindi Nunes, Airport Manager **Telephone Number:** (530) 666-8050.

Signature (Public Agency): _____ Date: _____

FILE: _____ **FILE NAME:** _____
AUTHORIZED SIGNATURE _____

RECEIPT# _____
FEE STATUS _____

Project Feasibility

This paving rehabilitation and improvement project is feasible from both an engineering and financial perspective.

Engineering Feasibility

The proposed project is feasible from an engineering perspective, and has been so designed. It can be constructed and maintained in accordance with generally-accepted engineering principles and procedures, for the purpose for which the project is created.

The pre-engineering and engineering for this project was completed over the span of two years, and included the engineer Laugenour and Meikle, civil engineers, whose engineering drawings are submitted with this application. The drawings were peer reviewed and commented on by Mead and Hunt, the County's Airport Engineer of Record. The Mead and Hunt comments can be seen on the attached drawing set. The engineering process included:

1. Site walk-through by engineers from Laugenour and Meikle and Mead and Hunt;
2. Topographic survey by Laugenour and Meikle
3. Pavement design and drawings by Laugenour and Meikle
4. Plan Review by Mead and Hunt
5. Bids solicited and two bids received

Financial Feasibility

There will be no revenue from this project, so the annual debt payments will be drawn from the County's Airport Enterprise Fund.

• Airport Fund Current Uncommitted Balance	\$ 54,472
• Airport Fund expected annual revenues	\$ 170,980
• Existing annual commitments from Airport Fund	\$ 149,860
• Annual A&D debt payments to be set aside each year	\$ 21,100
• Net annual Airport Fund revenues after debt payments	\$ 20

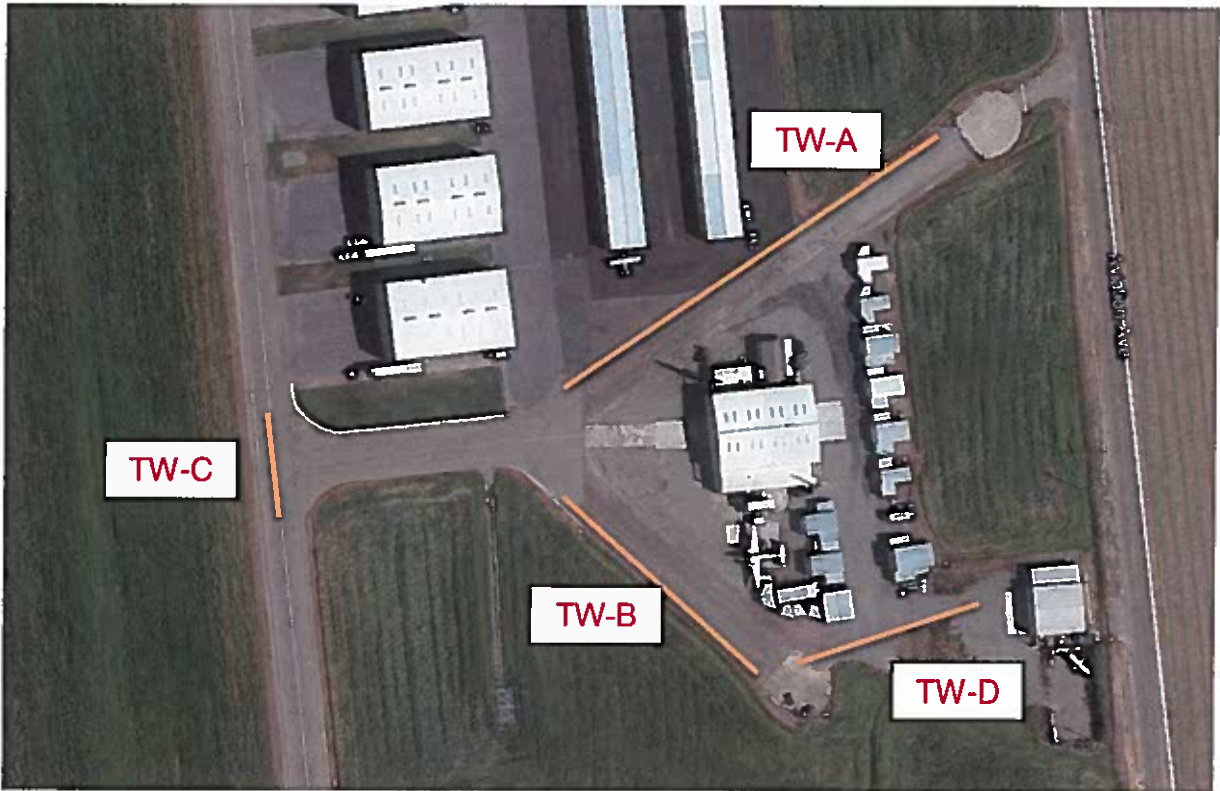
The County certifies that adequate funds to service this loan are now available, and the Airport Enterprise Fund will be managed so that debt payments remain available over the life of the loan, in full compliance with Section 4073 of Title 21, Division 2.5, Chapter 4, California Aid to Airports Program.

Note that the Airport anticipates revenues to increase annually with the cost of living, and is also in the process of studying lease rate increases for its existing and future tenants.

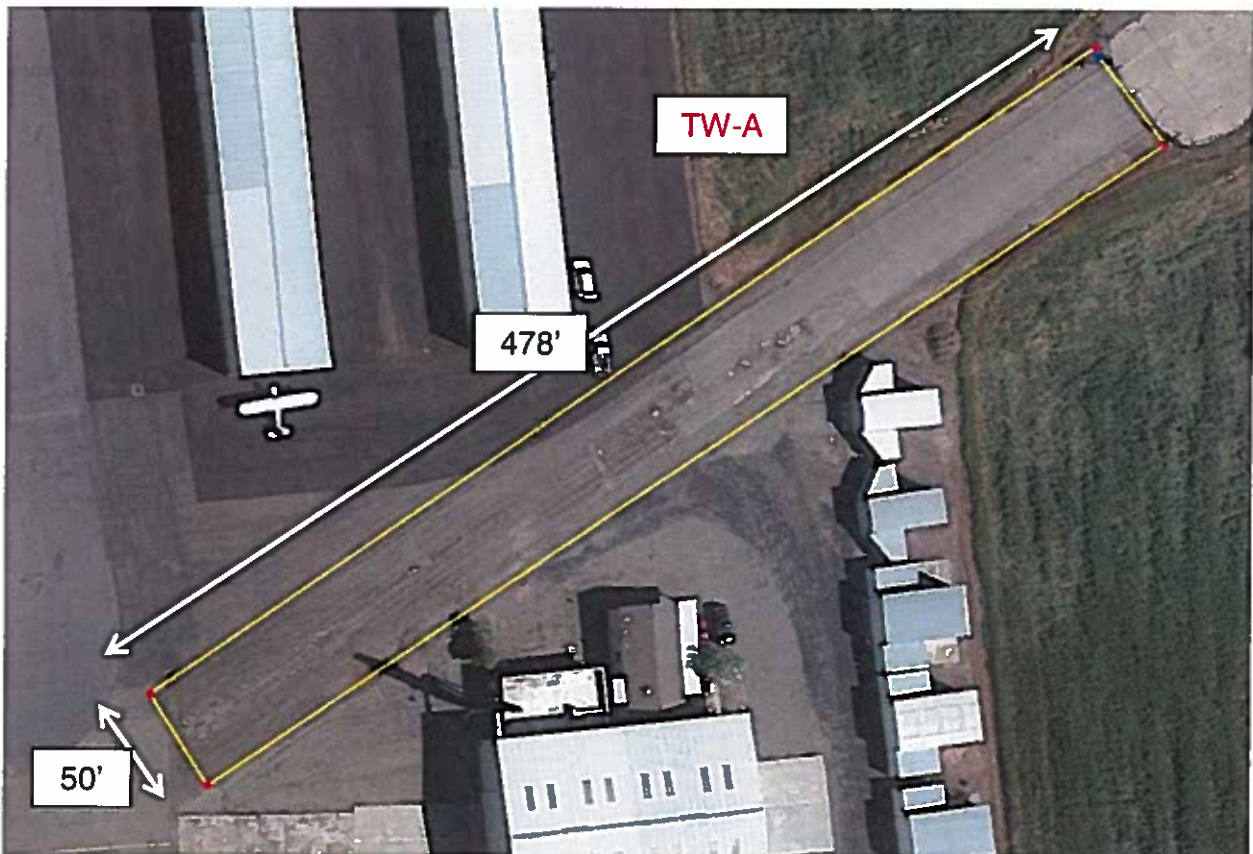
YOLO COUNTY AIRPORT ESTIMATE OF PAVING COSTS

ITEM	DESCRIPTION	QTY	UNIT PRICE	TOTAL
TAXIWAY A				
1	4" AC/6" AB	15,342 SF	\$4.00	\$61,368.00
2	6' WIDE CONCRETE VALLEY GUTTER	1,004 SF	\$10.00	\$10,040.00
3	6" DIA. DUCTILE IRON STORM DRAIN	44 LF	\$60.00	\$2,640.00
4	DRAIN INLET	1 EA	\$2,500.00	\$2,500.00
SUBTOTAL TAXIWAY A				\$76,548.00
TAXIWAY B				
1	4" AC/6" AB	10,530 SF	\$4.00	\$42,120.00
3	10" AB	4,515 SF	\$2.90	\$13,093.50
SUBTOTAL TAXIWAY B				\$55,213.50
TAXIWAY C				
1	4" AC/6" AB	5,585 SF	\$4.00	\$22,340.00
SUBTOTAL TAXIWAY C				\$22,340.00
TAXIWAY D				
1	4" AC/5" AB	8,303 SF	\$4.00	\$33,212.00
2	9" AB	3,926 SF	\$2.60	\$10,207.60
3	LIME TREATED SUBGRADE	12,229 SF	\$0.50	\$6,114.50
4	6" AB IN TRANSITION AREAS	2,457 SF	\$1.75	\$4,299.75
SUBTOTAL TAXIWAY D				\$53,833.85
SUBTOTAL:				\$207,935.35
CONTINGENCY (10%):				\$20,793.54
TOTAL:				\$228,728.89

Repaving of taxiways around Yolo Aviation and Ingraham hangar

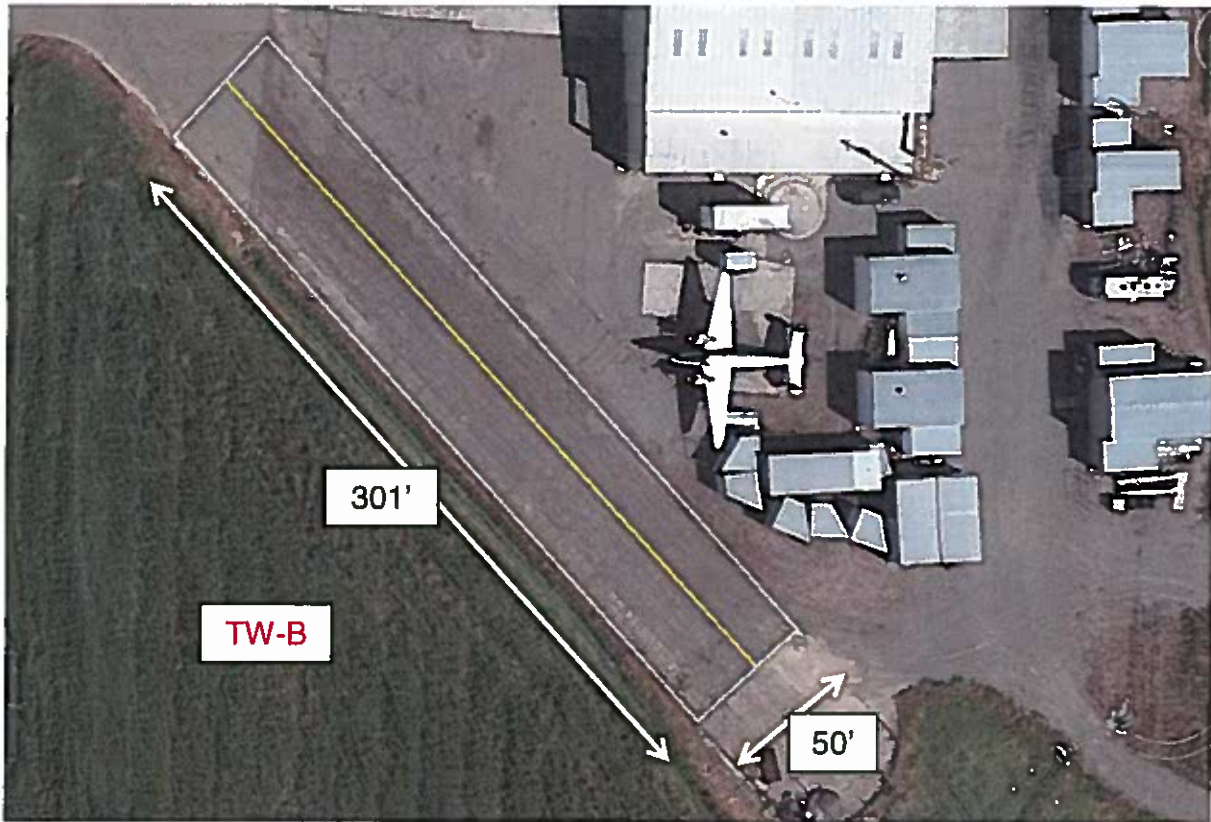


Overview of various taxiways requiring resurfacing – total paving surface 48,050 s.f.

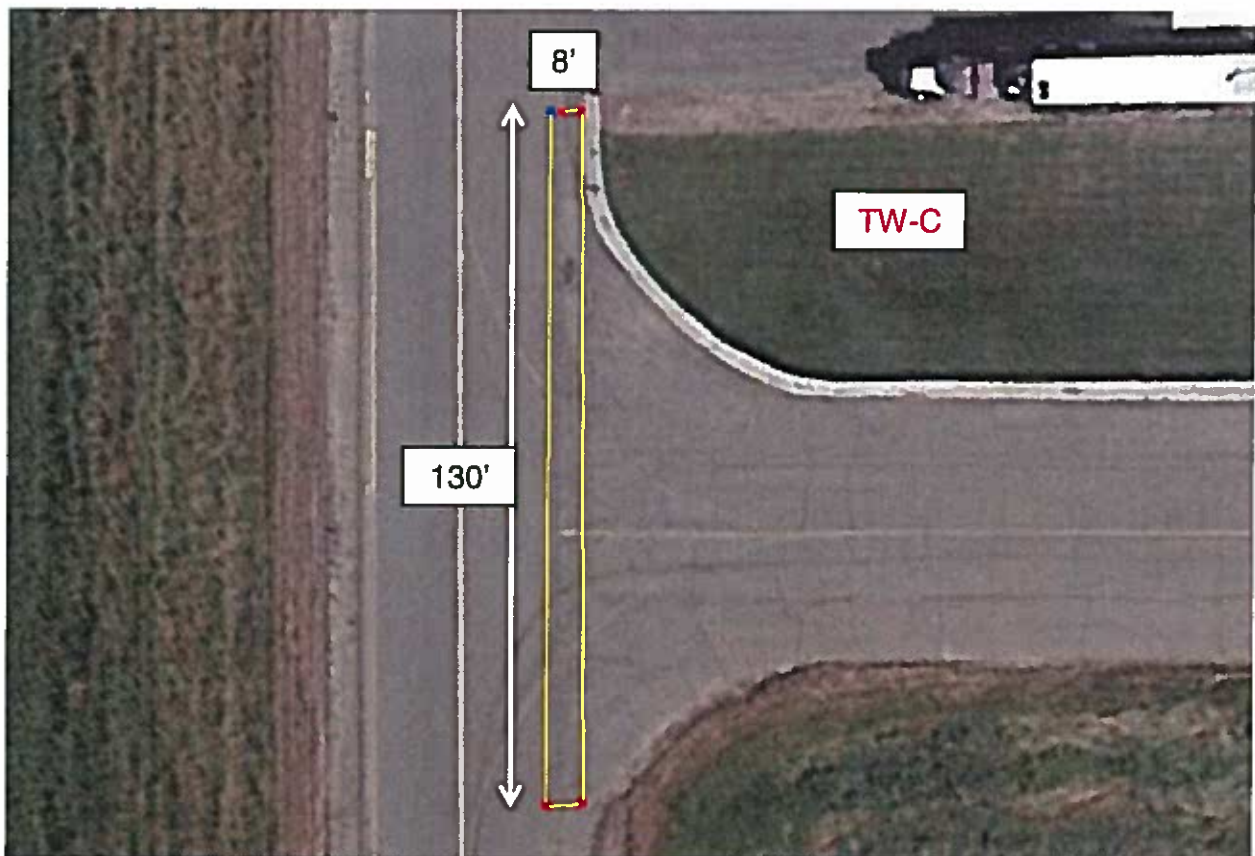


Northern taxiway at Yolo Aviation – 23,900 s.f.

Reparing of taxiways around Yolo Aviation and Ingraham hangar

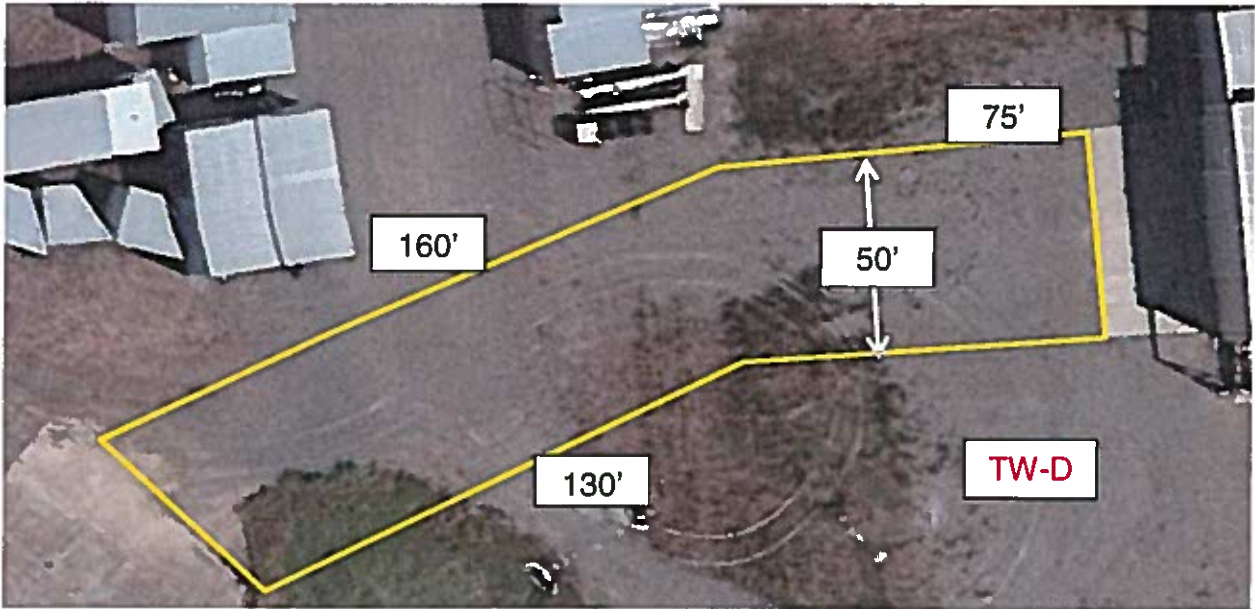


Southern taxiway of Yolo Aviation - 15,050 s.f.



Western taxiway hammerhead leading from Yolo Aviation and Ingraham hangar - 1,040 s.f.

Repaving of taxiways around Yolo Aviation and Ingraham hangar



Taxiway directly in front of Ingraham hangar - 7,060 s.f.