

Appendix M

Madison Drainages Map Jurisdiction Summary

26 November 2018

Technical Memorandum

To: Kristin Sicke, Yolo County Flood Control & Water Conservation District

From: Sachi Itagaki, P.E., QSD; Sifang Shan
Kennedy/Jenks Consultants

Reviewed By: Jennifer Lau, P.E., Kennedy/Jenks Consultants

Subject: Yolo County Stormwater Resources Plan – Madison Drainages Map Jurisdiction
Summary
K/J 1770002.00

Introduction

The purpose of this Technical Memorandum (TM) is to document flooding in Madison as well as the maintenance jurisdiction of the drainage infrastructure in and around the community of Madison in Yolo County, California. There are several communities in central Yolo County that are in the 100-year and 500-year floodplain, including the unincorporated community of Madison along State Highway 16, as shown on Figure 1. A 100-year flood has the probability of occurring in one percent of storms. These communities in central Yolo County experience flooding much more frequently than a 100-year event with a depth of flooding sufficient to limit access on State Highway 16 and local streets of Madison occurring two times out of every three years. Most long-term damage is from floods smaller than the 10-year flood¹ especially when precipitation falls for a period of multiple days.

Overview of Flooding

Storm flows originate in the upper watershed and foothills west of Madison and are conveyed via the Lamb Valley Slough, South Fork Willow Slough, and Cottonwood Slough, which, along with the Madison Drain and local ditches and drainage systems, flow to the east. The Madison Drain is intended to both convey upstream flows from a 2.2 square mile drainage area through Madison and to convey local flows away from Madison. The upper watershed and foothills contain highly erodible soils, which settle in the drainage systems of the valley floor which have flatter slopes than the upper watershed. These additional sediments decrease the size and capacity of culverts and channels so that they convey less flow than those in the upper watershed and foothills. Contributing to the flows from the upper watershed is the runoff from the agricultural fields surrounding Madison. As a result, local drainage facilities such as the Madison Drain, County Road crossings, and highway crossings are unable to convey the total flows through and away from Madison due to clogging from vegetation, sediment deposits that reduce channel capacity, and/or undersized culverts and other drainage infrastructure. The reduced conveyance capacity and flatter slopes of the valley floor results in flooding around Madison.

¹ Yolo County Resource Conservation District, *Willow Slough Watershed Integrated Resources Management Plan*. Jones & Stokes Associates, Inc. May 3, 1996.

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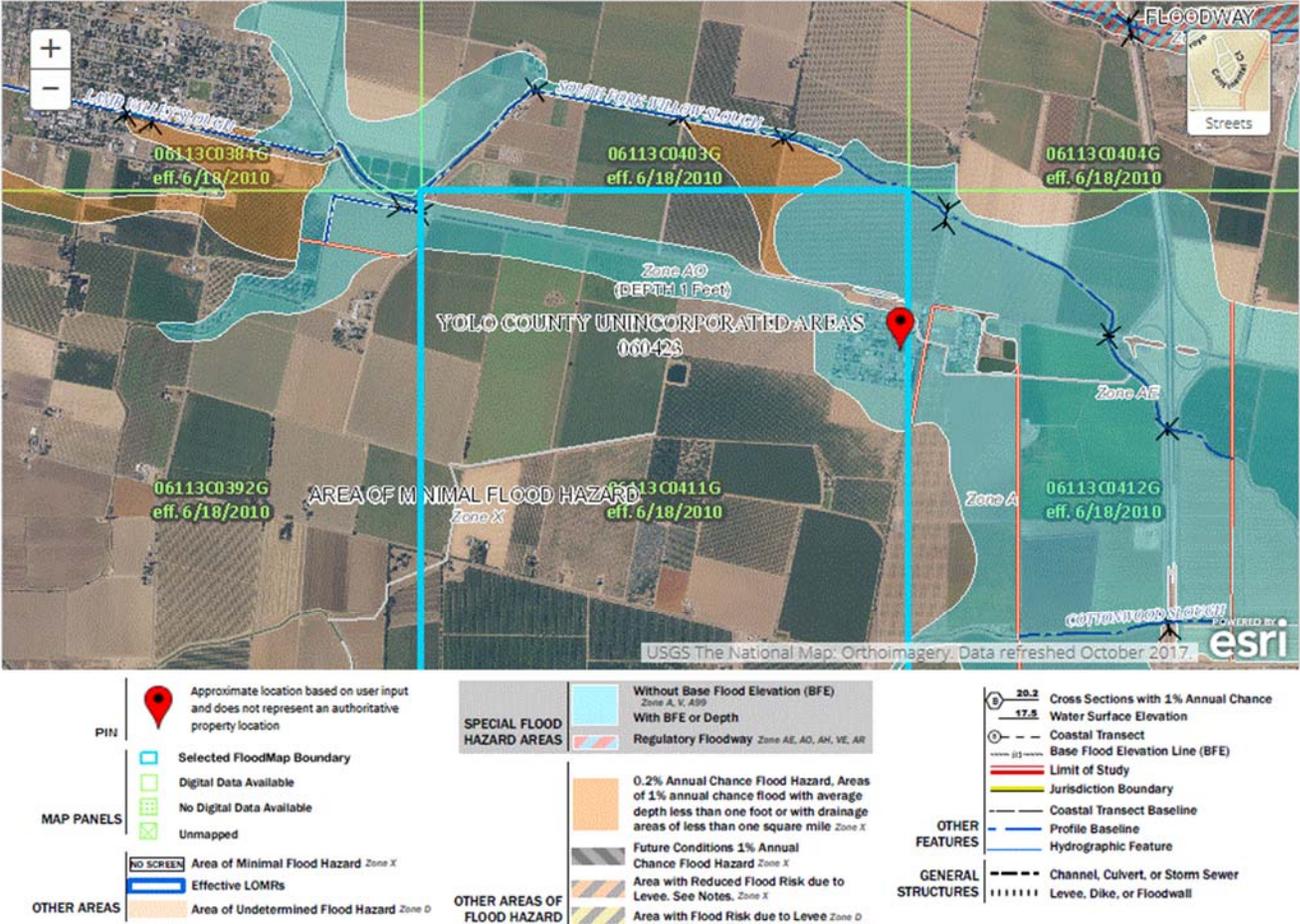


Figure 1 FIRM Map of Madison Area²

Figure 2 depicts the modeled water depths around Madison of a 100-year flood³ that results from water backing up (i.e. backwater effect) when downstream infrastructure is overwhelmed. In Figure 2 **Error! Reference source not found.**, the deepest out-of-channel water depths (characterized by the darker blue color) occur primarily at the areas where the sloughs and canals intersect Interstate 505, State

² Water Resources Association of Yolo County, *Storm Runoff Modeling for Foothills West-Southwest of Esparto*. The Stockholm Environment Institute, 2018.

³ California Department of Transportation, *Floodplain Impacts Report*, Appendix J. Yolo 16 Safety Improvement Project. Wood Rodgers, Inc., April 2017

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Highway 16, and a portion of Madison adjacent to the Madison Drain, which is undersized⁴ to drain the area in and around Madison.

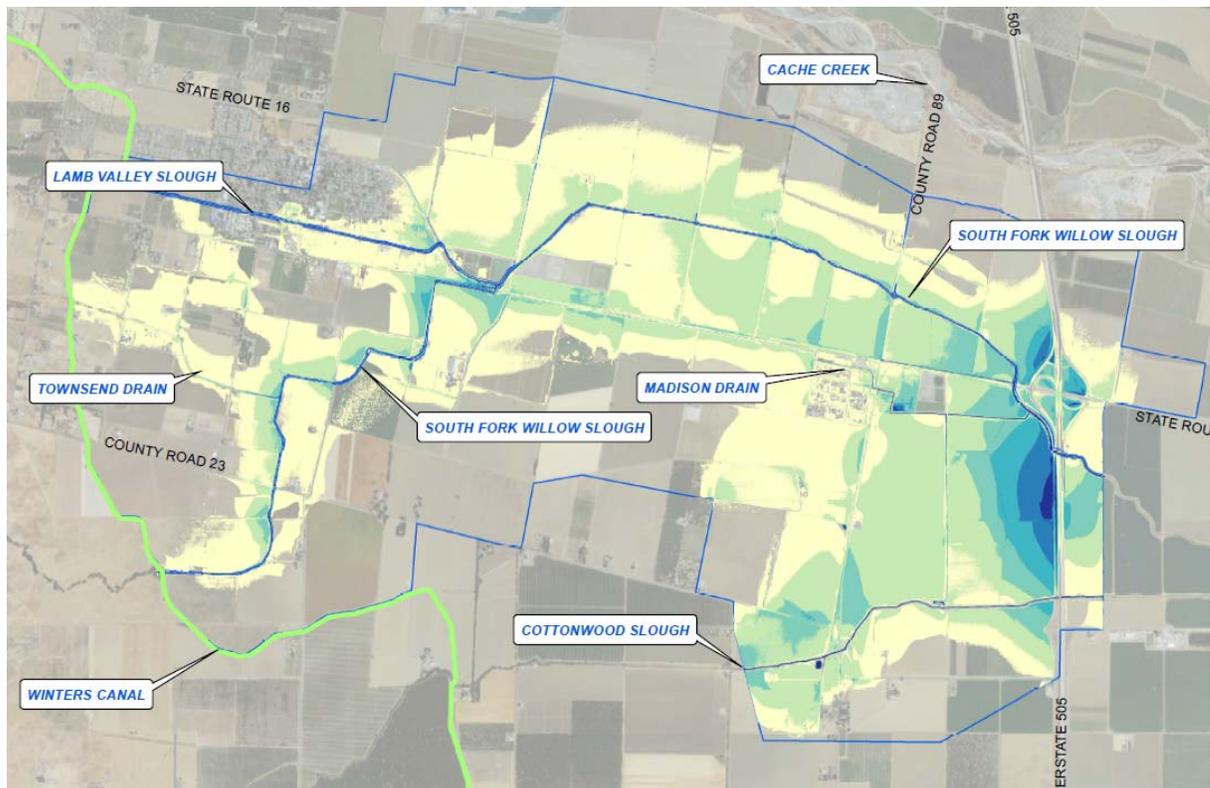


Figure 2 100-Year Flood Model – Water Depth⁵

Flooding within Madison causes both nuisance and property damages. Figure 3 illustrates the specific ways that the community of Madison floods. Nuisance flooding often occurs on Archer Street, Quincy Street, Hurlbut Street and Railroad Street within the community, as well as on County Road 89 and State Highway 16 outside the community, cutting off access in and out of Madison. Flooding occurs on Railroad Street and Archer Street due to blockages of Madison Drain along the community's driveways and lack of maintenance of the culverts at County Road 89. When Madison Drain overflows, sandbagging is needed to prevent infiltration of properties from flood waters.

⁴ Yolo County Flood Control and Water Conservation District, *Town of Madison Flood Hazard Mitigation Study*. Borcalli and Associates, March 1999.

⁵ California Department of Transportation, *Floodplain Impacts Report*, Appendix J. Yolo 16 Safety Improvement Project. Wood Rodgers, Inc., April 2017

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There were two property damage flooding incidents in 2017 in the span of last ten years. Both incidents happened on the east side of Madison (east side of County Road 89). Flooding on the east side is primarily due to Cottonwood Slough runoff overflow at Quincy Street and Hurlbut Street, as the water from Cottonwood Slough heads north towards Willow Slough after crossing County Road 89.

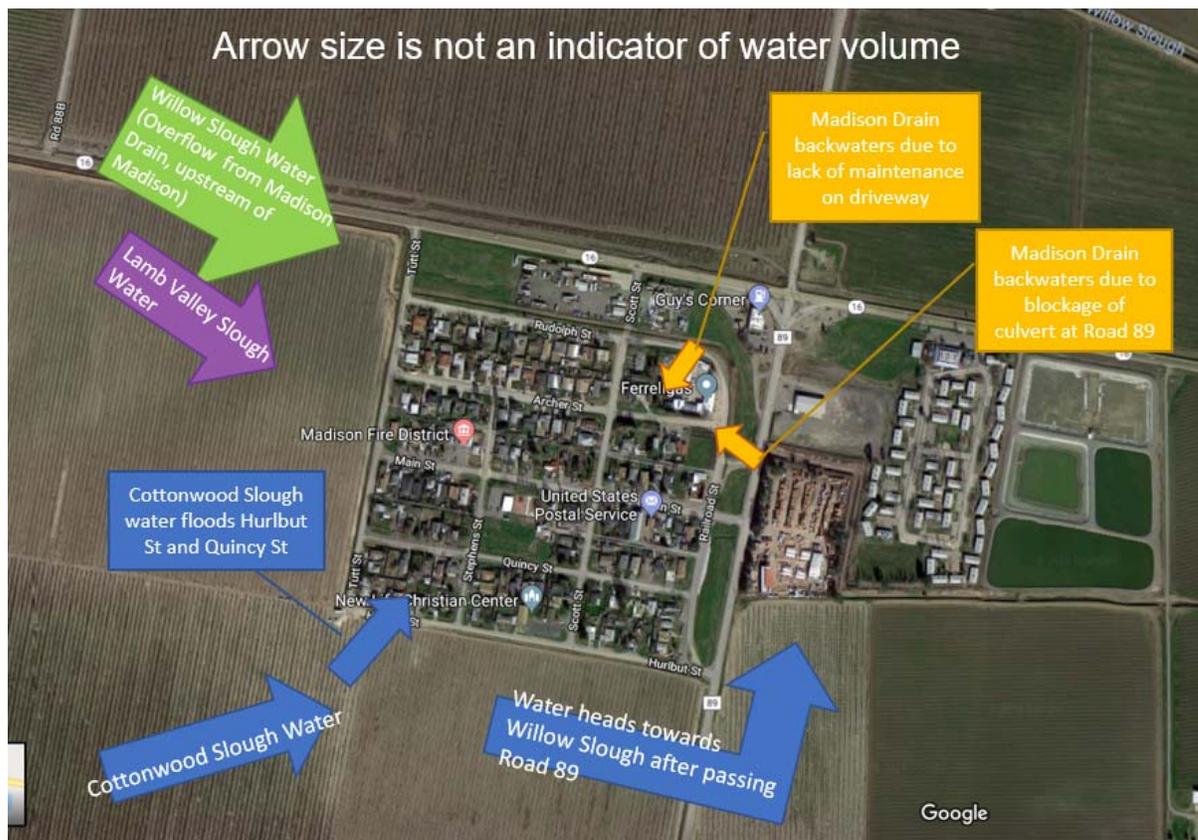


Figure 3 Flooding Within Madison

It is these more frequent flood events that are within the power of local jurisdictions to manage through drainage infrastructure maintenance. The Water Resources Association of Yolo County (WRA) is a nonprofit, mutual-benefit corporation created to provide a regional forum to coordinate and facilitate solutions to water management issues in Yolo County.^{6,7} In 2009, the WRA first established the Yolo County City/County Drainage Manual (Manual) to provide guidelines for achieving consistency in criteria and methodology for hydrologic and hydraulic analyses associated with storm runoff between rural and urban areas in Yolo County.

⁶ FloodSAFE Yolo Pilot Program, Yolo County City/County Drainage Manual. Wood Rogers, 2010.

⁷ Water Resources Association of Yolo County, "About Us." <http://www.yolowra.org/about.html>

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The Manual recognizes that in rural areas, the flooding should be addressed by non-structural solutions, and the Manual provides the following guidelines for addressing rural flooding:

- Evaluate the hydrology and hydraulics of the system/features of interest.
- Determine the existing conveyance capacity of the system and select a nominal design event for purposes of hydraulic continuity.
- Delineate the floodplain associated with “overbank” flows from the system or feature.
- Develop a management plan for the system that accommodates hydraulic conveyance, floodplain management, public safety, and gives full consideration to ecosystem benefits, recreation, and ongoing maintenance.
- Integrate elements, where appropriate into the County’s Local Hazard Mitigation Plan and Emergency Preparedness Plan.

Agency Jurisdictional Responsibilities

Several agencies work in concert to administer the roads, lands, public utilities and natural resources within the community of Madison in unincorporated Yolo County. The following section describes the formation background, jurisdictional responsibilities and powers of each agency in regard to storm water management and flood control.

- **California Department of Transportation (Caltrans):**

Caltrans is part of the cabinet-level California State Transportation Agency. Caltrans manages more than 50,000 miles of California’s highway and freeway lanes. As a state entity, Caltrans is responsible for maintaining or causing to be maintained, any project constructed with federal-aid funds and all bridges carrying federal-aid routes.⁸ The Local Agency-State Master Agreement distributes maintenance responsibility for maintaining local federal-aid projects between Caltrans and local agencies. Currently, Caltrans is responsible for the maintenance of culverts crossing interstate highway I-505 and State Highway 16 as shown on Figure 4.

⁸ Caltrans. *Local Assistance Procedures Manual*

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Figure 4 Summary of Jurisdictional Responsibilities

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- **Yolo County (County)**

Yolo County maintains over 750 miles of public roads and 147 bridges, as well as drainage ditches and culverts. The County Public Works provides engineering, inspection, maintenance, permitting and administrative services for these facilities⁹. The County is responsible for maintaining the parts of sloughs and accessory structures that cross County roads. Currently, the County maintains the culverts and bridges near the intersections of County Road 89 and Hurlbut Street, State Highway 16 and County Road 90, and at the ramp to County Road 89 from Railroad Street. The locations of these structures are shown on Figure 4. The County also maintains the streets within the public right of way in the community of Madison.

- **Madison-Esparto Regional County Service Area (MERCESA)**

MERCESA was formed in 2005 by the consolidation of the Madison County Service Area (Madison CSA) and Esparto County Service Area (Esparto CSA) were consolidated to provide more efficient financial and organizational management. MERCESA is governed by the Yolo County Board of Supervisors, and its responsibilities include storm drainage, erosion control, park and recreation, and erosion control services in the communities of Madison and Esparto. Since formation of MERCESA, the Yolo County Flood Control & Water Conservation District has taken over those responsibilities outside of the Esparto CSA area¹⁰.

- **Yolo County Flood Control & Water Conservation District (District)**

The District was created in 1951 as an independent Special District with the primary purpose of seeking new water sources and managing them efficiently.¹¹ The District's current boundary covers 195,000 acres of Yolo County. The District is responsible for the acquisition, control, conservation, diversion, storage and disposal of storm, flood and other surface waters, prescribing the boundaries, organization, operation, management, financing and powers and duties of the District.¹²

The District is currently responsible for maintaining drainage around Madison which is within the Madison CSA portion of MERCESA, which includes Winters Canal and parts of the Townsend Drain, the Madison Drain, Lamb Valley Slough, Cottonwood Slough and Willow Slough as shown on Figure 4. The purpose of maintenance activities is to keep the drains/canals and sloughs clear of debris and vegetation. The District does not maintain driveway culverts and local drainage within the community of Madison.

⁹ County of Yolo, "Public Works Division." <https://www.yolocounty.org/community-services/planning-public-works/public-works-division>

¹⁰ Yolo Local Agency Formation Commission, *Municipal Service Review and Sphere of Influence Study for the Western Yolo Special Districts*.

¹¹ <http://www.ycfwcd.org/district.html>

¹² Yolo County Flood Control & Water Conservation District Act
<http://www.ycfwcd.org/documents/DistrictActSept07withTableofContents.pdf>

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- **Madison Community Service District (Madison CSD):**

Madison CSD was formed in 1966 by the Yolo County Local Agency Formation Commission (LAFCO) to provide water, wastewater and park & recreation services to the unincorporated community of Madison as documented in Appendix A. The formation documents note that Madison is within Storm Drainage District #1 which appears to have been formed in 1953 as the Madison Storm Drainage Maintenance District which was converted to the Madison CSA in 2001 in order to provide for future bonding. In 2015, LAFCO acknowledged the overlapping boundaries within and adjacent to the Madison CSD for storm drainage infrastructure maintenance which resulted in the District assuming responsibility of canals and sloughs around Madison in the Madison CSA. Additionally, Madison CSD provides wastewater treatment and domestic water supply services to the Madison Migrant Center within the Madison CSD sphere of influence.¹³

Currently, Madison CSD is not responsible for maintaining runoff management or local street drainage facilities such as driveway culverts, within the community, however, Madison CSD's facilities and activities are impacted by the flooding. It is not clear whether local street drainage facilities such as roadside ditches and driveway culverts are within a public right of way or within private property in Madison.

Preliminary Conclusion and Recommendations

In order to minimize the flooding from more frequent storms, maintenance and rehabilitation of the drainage system upstream, in and downstream of the community of Madison should occur at multiple levels to maintain conveyance capacity throughout the system. This will require coordination between Caltrans, Yolo County, the District, and potentially Madison CSD to ensure that lack of coordination does not simply move the problem downstream. In addition, while regular maintenance will not completely eliminate flooding, but it will reduce the frequency and duration of nuisance flooding and road closures. Furthermore, it should be noted that maintenance will restore downstream drainage capacity, but does not address the flooding caused by undersized/limited conveyance systems and/or the flooding associated with very large storms.

Therefore, the following initial activities are recommended to start addressing the more frequent flooding issues in and around Madison:

- Confirm ownership of roadside ditches and driveway culverts within Madison. While Madison CSD may not be responsible of maintenance, the CSD could be an important communication point for the community, especially if it is found that the responsibility for these facilities is with individual property owners.
- Create a Coordinated Drainage Maintenance Plan that describes specific activities by each agency by location, frequency of maintenance, permitting and other relevant information. This Maintenance Plan should be reviewed every 3 to 5 years. Suggested activities include annual inspection in October prior to the rainy season and maintenance, as needed:

¹³ Yolo Local Agency Formation Commission. *2015 Municipal Service Review and Sphere of Influence Study for the Western Yolo Special Districts*

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- by the District of the Willow Slough upstream of Madison and Madison Drain downstream of County Road 89;
 - by the County in coordination with the District of the County Road 89 bridge at Madison Drain;
 - by the District of Winters Canal for optimal runoff diversion;
 - by Caltrans of the culverts at the intersection of Willow Slough and I-505;
 - by the District of Lamb Valley Slough and Cottonwood Slough culverts and road crossings upstream of Madison; and
 - Regular (e.g. biannual) coordination meetings to promote communication and cooperation among the agencies.
- Continue to develop plans to manage flows upstream of Madison for larger events
 - Research and apply for grant funding for:
 - Performing inspections and cleanouts of roadside ditches and culvert drainages under private driveways in Madison once ownership is established; and
 - Developing coordinated maintenance agreements, as needed, between agencies.

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Appendix A: Madison Formation Documentations

No. 7

Marcus Karlstad
Frank Gardner-Attorney
Co. Planning Dept.
Public Works
Executive Officer ✓
5 Commission members.

LOCAL AGENCY FORMATION COMMISSION
Yolo County, California

Date: February 7, 1966

File:
SERVICE DISTRICTS-Madison

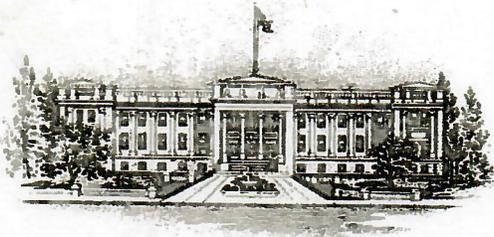
APPROVED THE FORMATION OF THE MADISON SERVICE DISTRICT, ESTABLISHED THE BOUNDARIES FOR SAID DISTRICT TO BE THE BOUNDARIES AS STATED IN A REVISED DISCRIPTION FILED WITH THE CLERK ON JANUARY 27, 1966, AND MADE A PART OF THE ORIGINAL APPLICATION FOR FORMATION IN PROCEEDING NO. 560 AND REQUESTED THE COUNTY SURVEYOR TO PREPARE THE OFFICIAL MAP OF SAID FORMATION TO REFLECT SAID REVISED BOUNDARY TO BE FILED WITH THE CLERK. SAID MATTER WAS CONSIDERED AT A PUBLIC HEARING HELD ON FEBRUARY 7, 1966, SHORTLY AFTER 8:45 A.M. NO PROTESTS WERE FILED WITH THE CLERK.

Upon motion of Mayor Giovannetti, seconded by Markham, and duly carried, the above motion was approved by the following vote:

Ayes: Faye, Giovannetti, Conner, Markham, Stephens.

Noes: None.

Absent: None.



COUNTY OF YOLO

Woodland, California

JANUARY 28, 1966

ERWIN W. MEIER
COUNTY EXECUTIVE

M E M O R A N D U M

TO: LOCAL AGENCY FORMATION COMMISSION
FROM: EXECUTIVE OFFICER
SUBJECT: FORMATION OF MADISON SERVICE DISTRICT (L AFC
PROCEEDING #560)

GENTLEMEN:

UNDER THE PROVISIONS OF SECTION 54794 OF THE GOVERNMENT CODE THE FOLLOWING REPORT AND RECOMMENDATION IS SUBMITTED TO YOUR COMMISSION ON THE ABOVE PROPOSED DISTRICT FORMATION.

GENERAL INFORMATION:

THE APPLICANTS PROPOSE TO FORM THE MADISON SERVICE DISTRICT UNDER THE PROVISIONS OF THE COMMUNITY SERVICES DISTRICT LAW (TITLE 6, DIVISION 2 OF THE GOVERNMENT CODE). AS SET FORTH IN THE APPLICATION THE DISTRICT IS TO BE FORMED FOR THE PURPOSES OF PROVIDING SEWER, WATER, AND RECREATIONAL SERVICES TO RESIDENTS OF THE DISTRICT. THE PROPOSED DISTRICT WOULD BE APPROXIMATELY 60 ACRES IN SIZE AND INCLUDE ALL THE TOWN SITE OF MADISON PLUS A SMALL EXTENSION TO THE EAST.

BACKGROUND:

THE COMMUNITY OF MADISON IS BOLDY IN NEED OF A SEWER DISPOSAL SYSTEM DUE TO THE FACT THAT SEWAGE EFFLUENT CANNOT BE ABSORBED THROUGH THE USE OF CESSPOOLS OR SEPTIC TANKS DUE TO THE NATURE OF THE LAND IN THE AREA. THE COUNTY HEALTH DEPARTMENT HAS PROHIBITED THE CONSTRUCTION OF ANY NEW STRUCTURES IN THIS AREA UNTIL THE SEWAGE DISPOSAL PROBLEM HAS BEEN SOLVED.

IN THE SUMMER OF 1965 THE COMMUNITY UNSUCCESSFULLY ATTEMPTED TO MARKET A \$109,000 BOND ISSUE UNDER THE 1911 IMPROVEMENT ACT FOR THE CONSTRUCTION OF A SEWER SYSTEM. THIS SALE WAS UNSUCCESSFUL DUE TO THE LIMITED ASSESSED WEALTH OF THE AREA OF APPROXIMATELY \$85,000. THE 1965 CONGRESS PASSED H.R. 10232 WHEREBY SEWER AS WELL AS WATER SYSTEMS ARE ELIGIBLE FOR GRANTS AND FINANCING THROUGH LOANS INSURED BY THE FARMERS' HOME ADMINISTRATION FOR RURAL COMMUNITIES UP TO

5,500 IN POPULATION. IT IS UNDER THIS LEGISLATION THAT THE RESIDENTS OF MADISON PLAN TO PROCEED IN ORDER TO FINANCE A SEWER SYSTEM AND POSSIBLY A NEW WATER DISTRIBUTION SYSTEM AS WELL. THE MADISON SERVICE DISTRICT, ONCE FORMED, WILL BE THE ENTITY TO DEAL WITH THE FEDERAL GOVERNMENT IN ADMINISTERING THE APPLICATION UNDER H.R. 10232 AS WELL AS OPERATING AND MAINTAINING THE SEWER AND WATER SYSTEMS.

THE THIRD PURPOSE OF THE DISTRICT, THAT OF RECREATION, HAS BEEN INCLUDED FOR FUTURE USE BY THE AREA SHOULD THE RESIDENTS DESIRE TO TAX THEMSELVES TO PROVIDE RECREATIONAL SERVICES IN EXCESS OF THOSE PROVIDED THROUGH THE COUNTY. INCLUSION OF THIS PURPOSE AT THIS TIME ELIMINATES THE NECESSITY TO HOLD ANOTHER ELECTION AT A FUTURE DATE IN ORDER TO HAVE THIS PURPOSE ADDED TO THE DISTRICT'S POWERS.

BOUNDARY AND OTHER MATTERS:

THE PROPOSED REVISED BOUNDARY AS FILED WITH THE CLERK ON JANUARY 27, 1966 HAS BEEN REVIEWED BY THE COUNTY ASSESSOR AND SURVEYOR AND BOTH OF THESE OFFICERS HAVE INDICATED THAT IT IS ACCEPTABLE.

THE AREA PROPOSED TO BE FORMED INTO THE MADISON SERVICE DISTRICT LIES WITHIN THE FOLLOWING SPECIAL DISTRICTS, NONE OF WHICH WILL BE AFFECTED OR ALTERED BY THE NEW DISTRICT:

1. YOLO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
2. SACRAMENTO-YOLO MOSQUITO ABATEMENT DISTRICT
3. MADISON FIRE PROTECTION DISTRICT
4. COTTONWOOD CEMETERY DISTRICT
5. STORM DRAIN MAINTENANCE DISTRICT #1

RECOMMENDATION:

IN VIEW OF THE ABOVE DISCUSSION THE FOLLOWING RECOMMENDATION IS MADE TO YOUR COMMISSION:

1. THAT THE FORMATION OF THE MADISON SERVICE DISTRICT BE APPROVED.
2. THAT THE BOUNDARY FOR SAID DISTRICT BE SET AS THE REVISED BOUNDARY, FILED ON JANUARY 27, 1966 AND MADE PART OF THE ORIGINAL APPLICATION AND SUBMITTED TO YOUR COMMISSION.
3. THAT THE COUNTY SURVEYOR BE REQUESTED TO PREPARE THE OFFICIAL MAP OF THIS FORMATION REFLECTING SAID REVISED BOUNDARY, TO BE FILED WITH THE CLERK.


ERWIN W. MEIER
EXECUTIVE OFFICER

F I L E D

JAN 20 1966

LAURENCE P. HENIGAN, Clerk

By FRIG E. LUCAS
Deputy

L.A.F.C. PROCEEDING NO. 560

**COUNTY OF YOLO
LOCAL AGENCY FORMATION COMMISSION
A P P L I C A T I O N**

TO: YOLO COUNTY LOCAL AGENCY FORMATION COMMISSION

**RE: APPLICATION UNDER THE KNOX NISBET ACT OF 1965 (CHAPTER 6.6,
PART I, DIVISION 2, TITLE 5, CALIFORNIA GOVERNMENT CODE)**

PART I: GENERAL INFORMATION:

THE UNDERSIGNED, FOR AND ON BEHALF OF THE PROPONENTS, HEREBY SUBMITS THE FOLLOWING APPLICATION FOR CONSIDERATION BY YOUR COMMISSION:

(CHECK ONE)

ANNEXATION TO CITY OF _____
NAME OF CITY

EXCLUSION FROM CITY OF _____
NAME OF CITY

FORMATION OF SPECIAL DISTRICT MADISON SERVICE DISTRICT
PROPOSED NAME

INCORPORATION OF NEW CITY _____
PROPOSED NAME

A MAP AND LEGAL DESCRIPTION OF THE SPECIFIC BOUNDARIES OF THE TERRITORY INVOLVED ARE ATTACHED HERETO AND MADE PART HEREOF.

FOLLOWING ARE THE NAMES OF PERSONS, NOT TO EXCEED THREE IN NUMBER, WHO ARE TO BE FURNISHED WITH COPIES OF THE EXECUTIVE OFFICER'S REPORT AND WHO ARE TO BE GIVEN MAILED NOTICE OF HEARING.

NAME	<u>MARCUS KARLSTAD</u>	<u>DORIS SCHWARZ</u>	<u>ELMER BEARTRAM</u>
STREET	<u>P.O. BOX 87</u>		
CITY	<u>MADISON, CALIF.</u>	<u>MADISON, CALIF.</u>	<u>MADISON, CALIF.</u>
PHONE	<u>662-2308</u>	<u>662-3367</u>	

PART II. APPLICATION QUESTIONNAIRE: (ANSWER EACH QUESTION COMPLETELY. USE ADDITIONAL PAGES AS REQUIRED.)

A. GENERAL:

1. DESIGNATION OF PROPOSAL

To establish Community Service District, Madison, Calif.

2. STATUTORY PROVISIONS GOVERNING PROCEEDINGS COMMUNITY SERVICES

Required by ~~Yolo County and Farmers Home Administration~~
 DISTRICT LAW, TITLE 6, DIV. 2 CALIFORNIA GOVERNMENT CODE

B. PHYSICAL FEATURES

1. LAND AREA: SQUARE MILES Town of Madison plus extension on East; ACRES 60.

2. STATE GENERAL DESCRIPTION OF TOPOGRAPHY:

Flat land and low.

3. DESCRIBE "NATURAL" BOUNDARIES: (RIVERS, MOUNTAINS, FREEWAYS, ETC.)

Highway 16 on North Dunnigan Cutoff road on East

4. DESCRIBE DRAINAGE BASINS, RIVERS, FLOOD CONTROL CHANNELS, ETC.; AND AVAILABILITY OF AN ADEQUATE WATER SUPPLY AND HOW OBTAINED.

Madison Slough generally drains the town, this in turn, drains into Willow Slough. An abundance of water is found at about 25 feet.

5. DESCRIBE MAJOR HIGHWAY ACCESS TO THE AREA:

State route 16, Interstate 505 and Winters road. It is a natural hub.

C. POPULATION AND RELATED MATTERS

1. POPULATION IN SUBJECT AREA: About 200. Expect to double when sewage disposal is available.

2. POPULATION DENSITY (I.E. PER SQUARE MILE, PER ACRE):
 about 175 on 40 acres.

3. NUMBER OF REGISTERED VOTERS: Cottonwood township has over 250 voters. No exact breakdown for Madison.

4. NUMBER OF DWELLING UNITS:
 About 50

5. PROXIMITY TO OTHER POPULATED AREAS:
 Woodland, 11 miles; Winters, 11 miles

6. LIKELIHOOD OF SIGNIFICANT INCREASE IN POPULATION IN NEXT TEN YEARS: Will double if project is completed.

7. LIKELIHOOD OF SIGNIFICANT INCREASE IN ADJACENT AREAS IN NEXT TEN YEARS: Esparto, next town West, is now growing fast. Recently added a sewage system.

A. IN UNINCORPORATED AREAS: Will double if water and sewers; otherwise fade.

B. IN INCORPORATED AREAS:

None included.

D. ECONOMIC FACTORS Good farming area. Need workers for farms. Workers need place to live. We have it.

1. ZONING AND RELATED MATTERS:

A. DESCRIBE THE EXISTING LAND USE AND EXISTING ZONING IN THE AREA WHICH IS THE SUBJECT OF THIS PROPOSAL:

Town lots and dwellings.

B. DESCRIBE PROPOSED NEW ZONING OR CHANGES IN ZONING, IF ANY: No changes except right to resume building.

2. ASSESSED VALUE IN AREA: Figures for the town of Madison are not immediately available from the assessors office.

A. LAND:

B. IMPROVEMENTS:

E. GOVERNMENTAL SERVICE IN AREA: (DESCRIBE IN SUCH DETAIL AS IS APPROPRIATE TO THE AREA THE EXISTING GOVERNMENTAL SERVICES AND CONTROLS IN THE AREA INCLUDING FOR EXAMPLE, POLICE PROTECTION, FIRE PROTECTION, HEALTH SERVICES, GARBAGE AND TRASH COLLECTION, LIBRARIES, PARKS AND PLAYGROUNDS, SEWERS, STREETS, STREET LIGHTING, ETC.)
Madison has resident constable and deputy sheriff in area, has fire station and resident full time fire chief with volunteer fire department, Private garage collection. Branch office Mosquito Abatement. Town water system. Postoffice.

F. NEED FOR ADDITIONAL GOVERNMENTAL SERVICES OR CONTROLS:

1. DESCRIBE THOSE GOVERNMENTAL SERVICES OR CONTROLS WHICH SHOULD BE PROVIDED WHICH ARE NOW NOT PROVIDED OR WHICH SHOULD BE PROVIDED IN INCREASED AMOUNT IN THE AREA.
Desperate need for sewers. Expansion and improvement in water service.

2. ESTIMATE PROBABLE FUTURE NEED FOR NEW OR INCREASED GOVERNMENTAL SERVICES OR CONTROLS IN THE AREA.
Sewers and expansion of water facilities and maintenance of these services.

3. DESCRIBE HOW YOUR PROPOSAL MEETS THE NEED WHICH YOU HAVE DESCRIBED IN PARAGRAPH F, 1 AND 2 ABOVE.
We have applied to Farmers Home Administration for grant and loan. We must have District organized before we can receive aid and loan.

4. WHAT ALTERNATIVE COURSES OF ACTION EXIST FOR MEETING THE NEED DESCRIBED ABOVE? DESCRIBE AND EVALUATE:
There appears to be no other course, under law. The Board of Supervisors engineered and approved our sewer plans but could not sell the bonds.

G. WHAT REVENUE WILL YOUR PROPOSAL REQUIRE FOR THE ACCOMPLISHMENT OF ITS GOALS AND WHAT ARE THE PROSPECTIVE SOURCES OF SUCH REVENUE:

With a grant from the Federal Government, recommended by Congressman Leggett, and a loan from the Farmers Home Administration plus revenue from the users, will be adequate to maintain and pay off loan.

H. ESTIMATE TO THE BEST OF YOUR ABILITY THE EFFECT OF THE PROPOSAL ON:

1. COST OF GOVERNMENTAL SERVICES AND CONTROLS:

Cost of governmental services and controls will be justified by serving several hundred people as well as reopening growth of our community which is now stopped by order of the Health Department.

2. ADEQUACY OF GOVERNMENTAL SERVICES AND CONTROLS:

Other Districts in our area are well managed and financially stable.

3. MUTUAL SOCIAL AND ECONOMIC INTERESTS:

Mutual social and economic conditions will be bettered manifold. Permits to build have been denied to dozens who want to build here. This is a severe social block as well as an economic one.

4. LOCAL GOVERNMENTAL STRUCTURE OF THE COUNTY:

As a strictly rural community we are under the Board of Supervisors which has a policy against the Board serving as administrators of Districts such as we must have.

ANY OTHER COMMENT WHICH YOU WISH TO MAKE:

Because of the structure of our soil septic tanks or systems will not work. For years residents have battled, nearly unanimously, for a sewage disposal system. When the last Congress passed H.R. 10332, dealing with rural water and sanitation facilities, another lone hope for sewers came into being. This application is in line with Yolo County requirements to qualify for loan and grant.

THIS DISTRICT IS TO BE FORMED FOR THE FOLLOWING PURPOSES AS SET FORTH IN SECTION 61600 OF THE GOVERNMENT CODE:

1. TO SUPPLY THE INHABITANTS OF THE DISTRICT WITH WATER FOR DOMESTIC USE, IRRIGATION, SANITATION, INDUSTRIAL USE, FIRE PROTECTION AND RECREATION.
2. THE COLLECTION, TREATMENT OR DISPOSAL OF SEWAGE WASTE AND STORM WATERS OF THE DISTRICT AND ITS INHABITANTS.
3. PUBLIC RECREATION BY MEANS OF PARKS, INCLUDED BUT NOT LIMITED TO AQUATIC PARKS AND RECREATIONAL HARBORS, PLAYGROUNDS, GOLF COURSES, SWIMMING POOLS OR RECREATIONAL BUILDINGS.

- I. ADDITIONAL PAGES OF EXPLANATION FOR ANY OF THE ABOVE ITEMS MAY BE SUBMITTED AS MAY BE DEEMED NECESSARY BY THE PROPONENTS.

SUBMITTED BY

NAME [Signature]

ADDRESS Box 87

Madison, Calif

TELEPHONE 662-2304 or 662-6804

FILED

JAN 27 1966

LAURENCE P. HENIGAN, Clerk

By *Peter F. Lucas*
Deputy

MADISON SERVICE DISTRICT

Revised 1-27-66

EXHIBIT A

Said real property hereinbefore referred to is located wholly in the County of Yolo, State of California, and is bounded and described as follows:

Beginning at the Southwest Corner of the Gordon Grant, also known as Rancho Guesisosi, County of Yolo, State of California, and extending thence along the South line of said Grant South 79°33' East 374.70 feet; thence South 10°15' West 50.00 feet to the South line of California State Highway 50; thence along the Westerly line of that property distributed to Frederick Eastham, et. al. by decree, dated March 4, 1929, in Book 4, Official Records, page 317, South 27°44'40" West 293.57 feet to a property corner in the South line of Block 1, Town of Madison, as depicted on the Official Plat thereof, filed in Book V of Deeds, page 417, Yolo County Records; thence along said South line of Block 1, North 79°33' West 141.00 feet to the Easterly line of that property conveyed to Walter Foster, and wife, by deed dated March 8, 1927, recorded in Book 114 of Deeds, page 4, Yolo County Records; thence along said property line South 37°46'50" West 59.36 feet to the Southeast corner thereof; thence along the South line of said property, North 79°33' West 78.00 feet to the East line of County Road; thence North 10°15' East 10.20 feet to the Easterly prolongation of the South line of Rudolph Street; thence along said line North 79°45' West 150.00 feet to the East of Railroad Street; thence along the East line of Railroad Street, South 10°15' West 1312.00 feet to the South line of Hurlbut Street; thence along said line of Hurlbut Street, North 79°45' West 1500.00 feet to the West line of Tutt Street; thence along the West line of Tutt Street, and the Northerly extension thereof, North 10°15' East 1690.60 feet to the North line of said State Highway 50; thence along said Highway line South 79°33' East 1610.00 feet to the point of beginning and including 6.81 acres of land.

EXHIBIT A



MARION F. BAKER, COUNTY ASSESSOR

COUNTY OF YOLO

Woodland, California

January 25, 1966

Mr. Erwin W. Meier, Officer
Local Agency Formation Commission

RE: L.A.F.C. Application #560

The proposed boundaries of L.A.F.C. Application No. 560 has been received and the following suggestion is made to avoid splitting a small parcel.

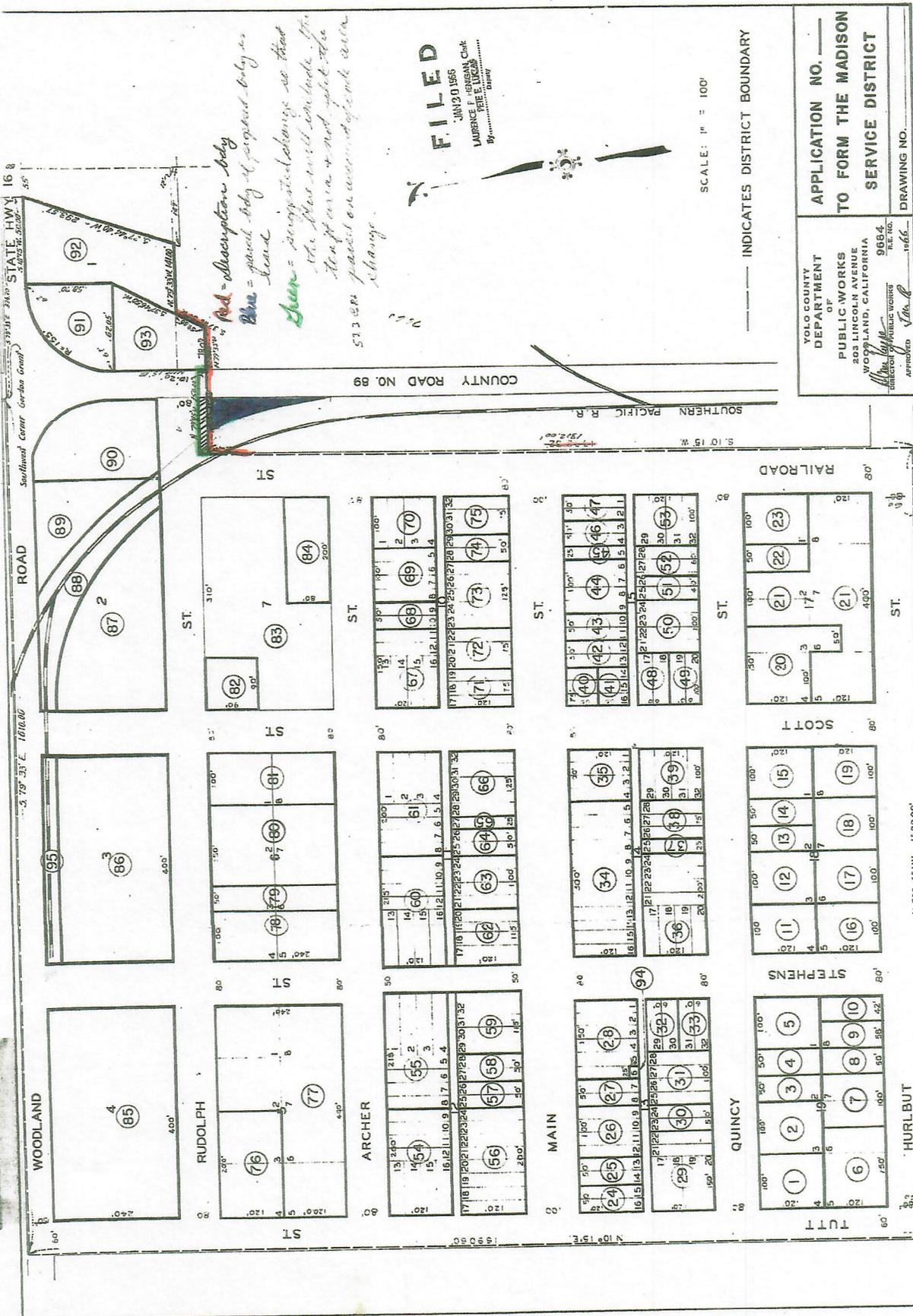
The small parcel is shown on the attached map in blue and cross hatched in blue. In this area the service district boundary is shown by a red line. This red line divides this parcel between the blue and the cross-hatch and will mean the parcel will have to be split into two parcels because there will be two different code areas. This split should not be necessary.

This office is therefore recommending that the new district boundary be changed as shown in green.



Marion F. Baker, Assessor

Description revised to accommodate this recommendation.



*Red - description body
 Blue - parcel body of original body as
 head
 Green - proposed change so that
 the blue will include the
 street area + not split the
 parcel on account of creek area
 change*

FILED
 JAN 20 1966
 LAWRENCE F. BENGSON, Clerk
 YOLO COUNTY, CALIFORNIA

SCALE: 1" = 100'

----- INDICATES DISTRICT BOUNDARY

YOLO COUNTY
 DEPARTMENT
 OF
 PUBLIC WORKS
 203 LINCOLN AVENUE
 WOODLAND, CALIFORNIA
 96664
 DIRECTOR
 APPROVED: *Lawrence F. Bengson*

APPLICATION NO. _____
 TO FORM THE MADISON
 SERVICE DISTRICT

DRAWING NO. _____

JANUARY 20, 1966

MEMORANDUM

To: COUNTY ASSESSOR

From: ERWIN W. MEIER, LAFC EXECUTIVE OFFICER

YOU ARE REQUESTED TO REVIEW THE PROPOSED BOUNDARIES AS SET FORTH IN THE ATTACHED PROPOSAL (LAFC No. 560), WITH RESPECT TO LINES OF ASSESSMENT AND OWNERSHIP, AND OTHER FACTORS SUCH AS OVERLAPPING OR CONFLICTING BOUNDARIES WITH OTHER PUBLIC AGENCIES WHICH YOU FEEL SHOULD BE CONSIDERED.

IN THOSE CASES WHERE THE PROPOSED BOUNDARIES CUT ACROSS EXISTING LINES OF ASSESSMENT OR OWNERSHIP IT IS REQUESTED THAT YOU IDENTIFY THESE AREAS BY PARCEL NUMBER AND INDICATE THEM ON THE ATTACHED MAP SO THEY MAY BE MORE EASILY REVIEWED.

IN ORDER THAT THIS INFORMATION MAY BE REVIEWED PRIOR TO PREPARATION OF MY REPORT TO THE LOCAL AGENCY FORMATION COMMISSION, YOU ARE REQUESTED TO SUBMIT THIS INFORMATION TO ME NO LATER THAN JANUARY 26, 1966.

ERWIN W. MEIER, EXECUTIVE OFFICER

By
CONRAD C. FLANDERS, BUDGET ANALYST