

# Land Management Information System

## **Project Mission**

To Create

a Geographic Information System

which

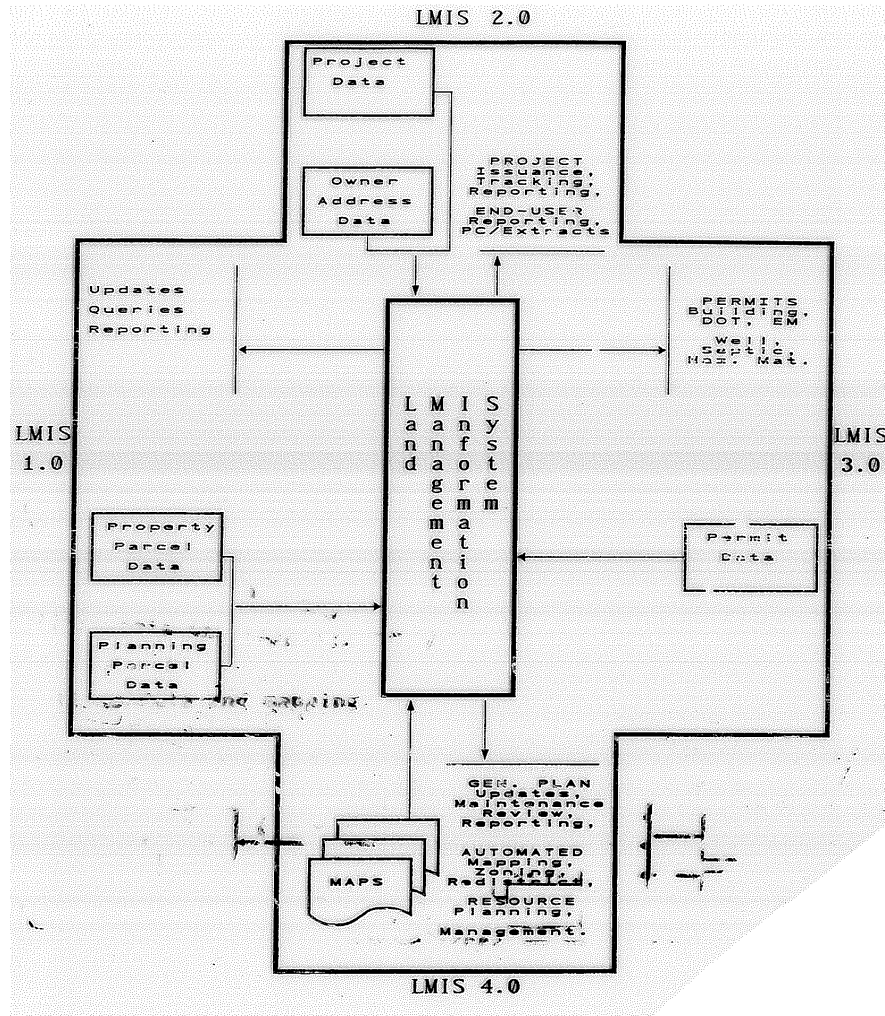
makes use of existing resources,  
eliminates departmental boundaries,  
promotes county-wide participation,  
for the overall good of the county.

So that our constituents are served,  
in a timely, accurate, and cost effective manner.

# Land Management Information System

## PLANNING PROJECTS

DATA



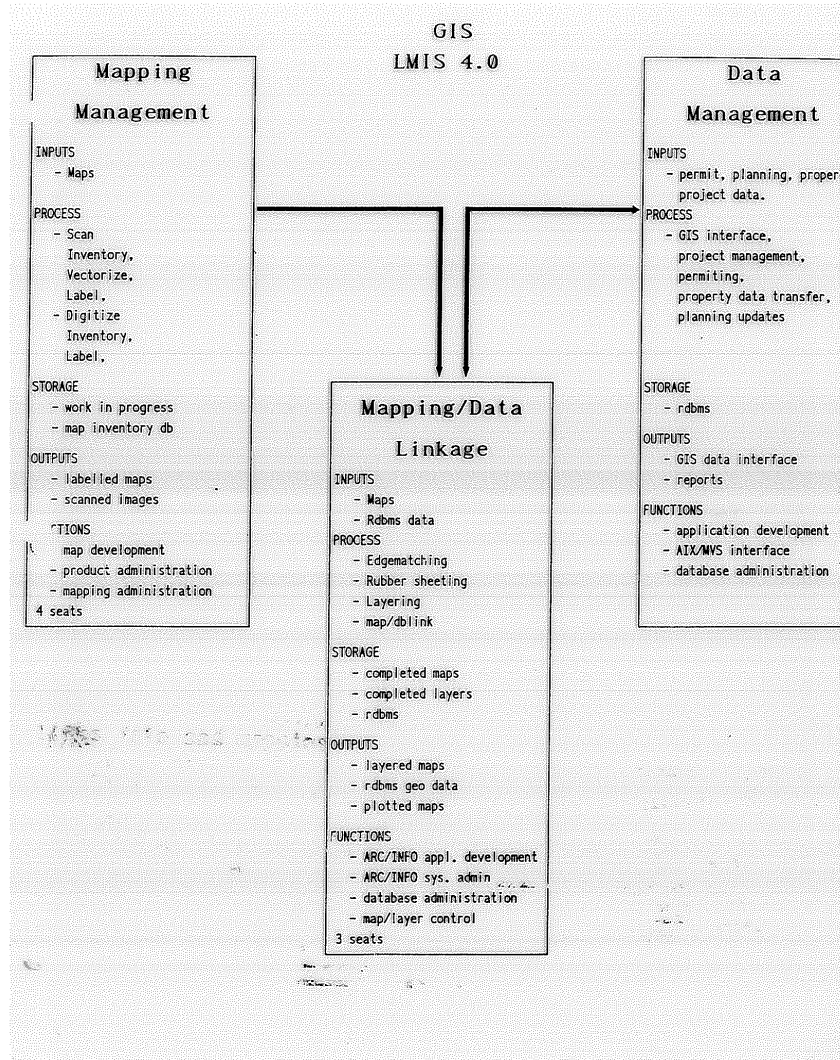
PERMITS

# Land Management Information System

## GIS

### MAPS

4 FTEs

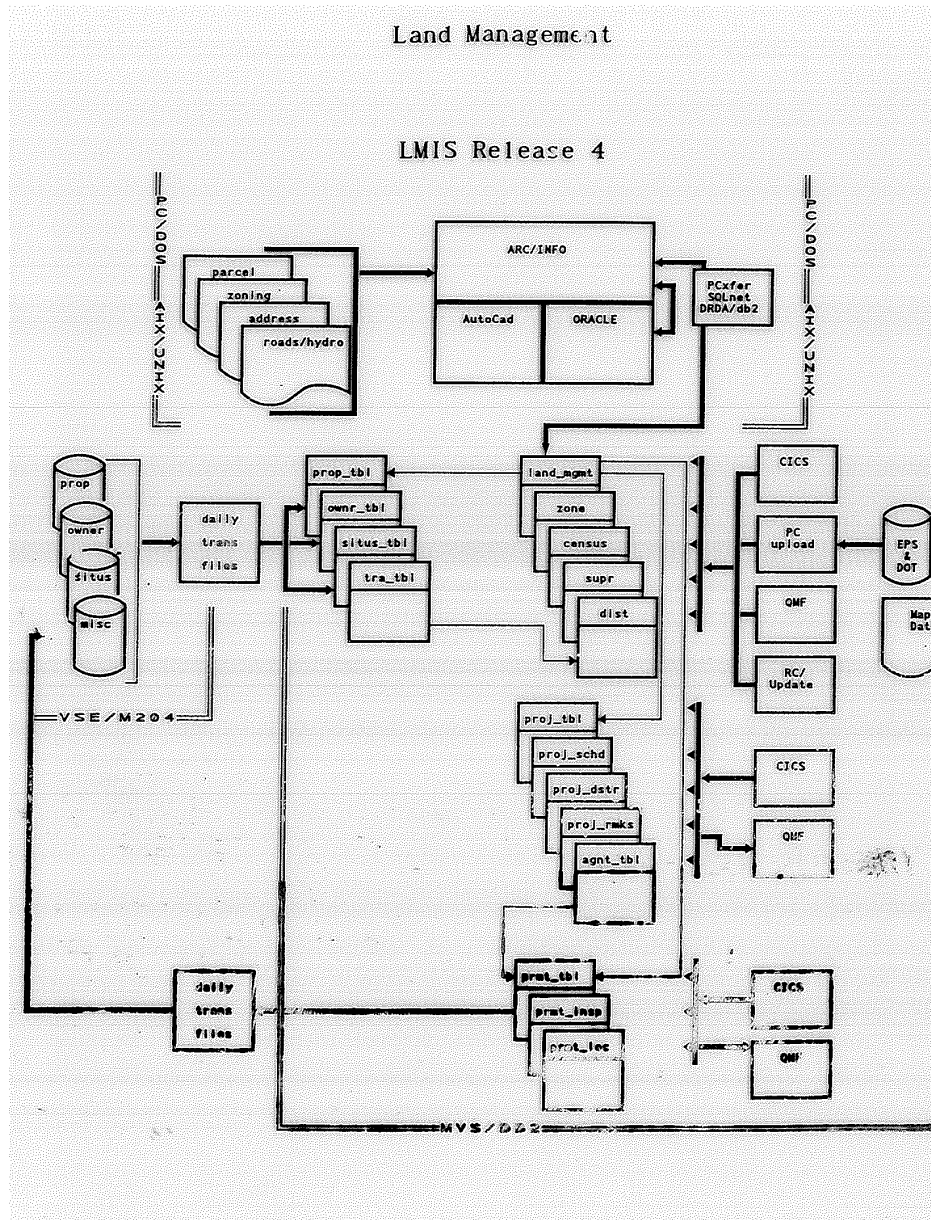


### DATA

3 FTEs

# Land Management Information System

**5 MAP LAYERS**



**17 DATA TABLES**

**PLANNING PROJECTS**

**PERMITS**

# Land Management Information System

**Recap:**

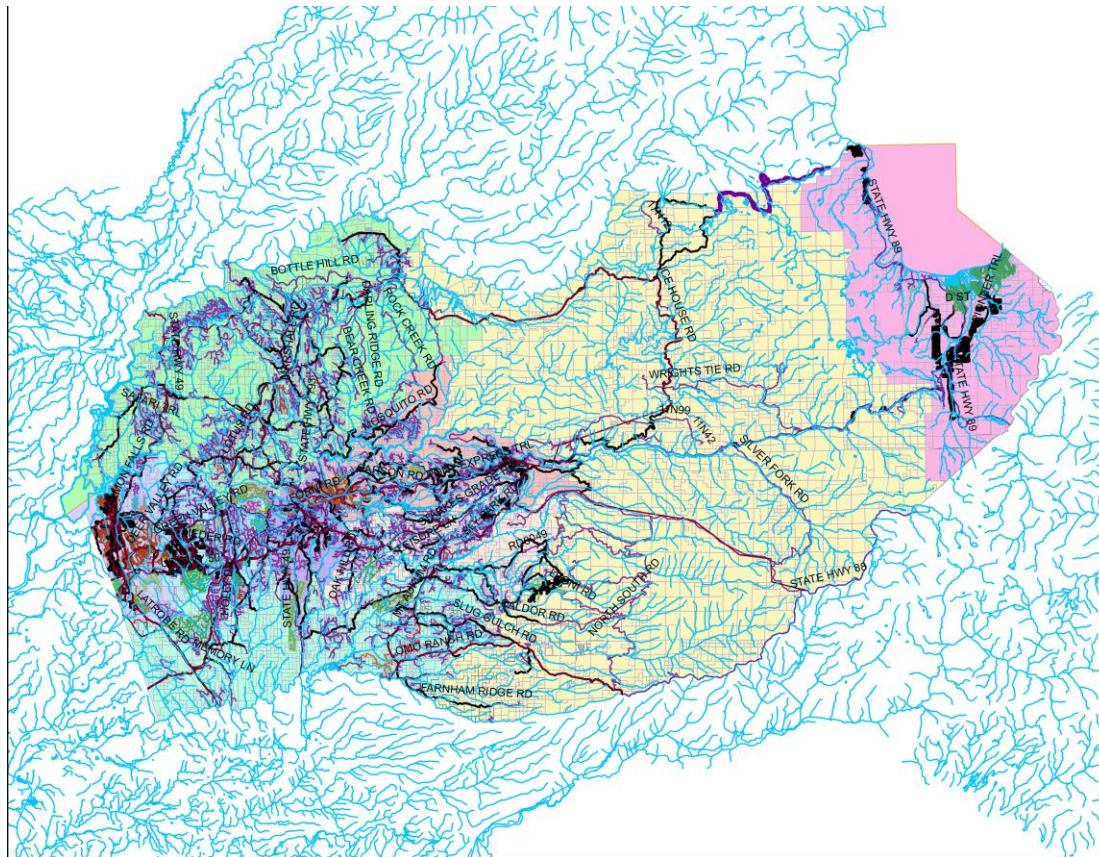
**GIS has always been a part of LMIS.**

**Staffing size was 8 in 1993.**

**5 map themes and 17 database tables.**

# Land Management Information System GIS Component Today

- Over 200 layers, not just 5.

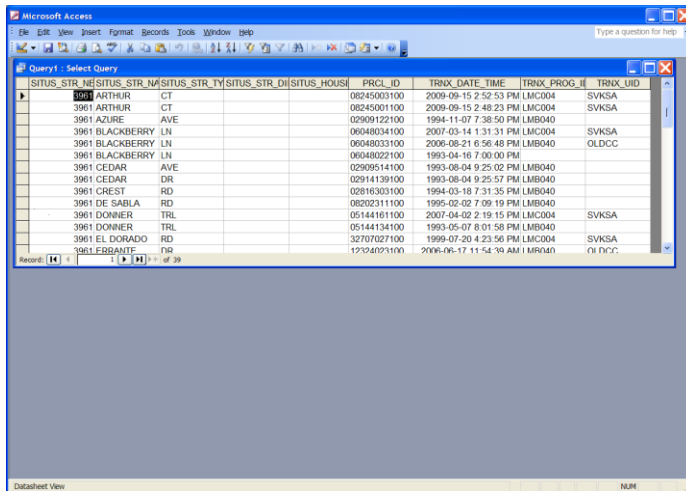


# Land Management Information System

- The “Information” Component
- The “what”
- There’s 286 tables in the database.
- 17 times more tables.
- 18 million rows of data.
- Same staff size.

# Land Management Information System

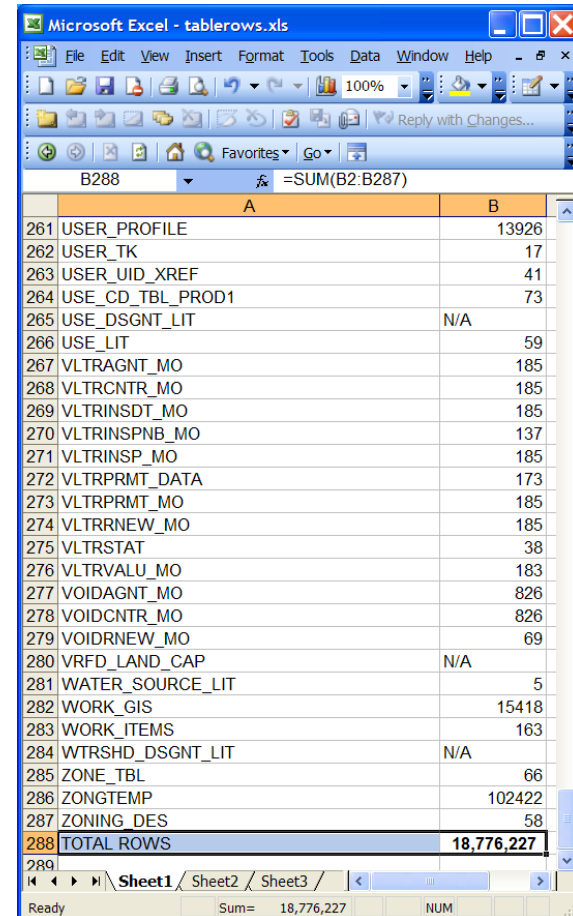
Tables like spread sheets



Microsoft Access - Query1 - Select Query

SITUS_STR	NE_SITUS_STR	NA_SITUS_STR	TY	DI	HOUSE	PRCL_ID	TRNX_DATE_TIME	TRNX_PROG	TRNX_UID
3981	ARTHUR	CT				08245003100	2009-09-15 2:52:53 PM LMC004	SVKSA	
3981	ARTHUR	CT				08245001100	2009-09-15 2:48:23 PM LMC004	SVKSA	
3981	AZURE	AVE				02909122100	1994-11-07 7:38:50 PM LMB040		
3981	BLACKBERRY	LN				06048034100	2007-03-14 1:31:31 PM LMC004	SVKSA	
3981	BLACKBERRY	LN				06048033100	2006-08-21 6:56:48 PM LMB040	OLDCC	
3981	BLACKBERRY	LN				06048022100	1993-04-16 7:00:00 PM		
3981	CEDAR	AVE				02909514100	1993-08-04 9:25:02 PM LMB040		
3981	CEDAR	DR				02914139100	1993-08-04 9:25:57 PM LMB040		
3981	CREST	RD				02818303100	1994-03-18 7:31:35 PM LMB040		
3981	DE SABLE	RD				08202311100	1995-02-02 7:09:19 PM LMB040		
3981	DONNER	TRL				05144161100	2007-04-02 2:19:15 PM LMC004	SVKSA	
3981	DONNER	TRL				05144134100	1993-05-07 8:01:58 PM LMB040		
3981	E. DORADO	RD				32707027100	1999-07-20 4:23:56 PM LMC004	SVKSA	
3981	E. FSBANITE	DR				12324021100	2006-06-17 11:54:30 AM LMB040	OLDCC	

286 tables, 18 million rows



Microsoft Excel - tablerows.xls

B288      =SUM(B2:B287)

	A	B
261	USER_PROFILE	13926
262	USER_TK	17
263	USER_UID_XREF	41
264	USE_CD_TBL_PROD1	73
265	USE_DSGNT_LIT	N/A
266	USE_LIT	59
267	VLTRAGNT_MO	185
268	VLTRCNTR_MO	185
269	VLTRINSDT_MO	185
270	VLTRINSPNB_MO	137
271	VLTRINSP_MO	185
272	VLTRPRMT_DATA	173
273	VLTRPRMT_MO	185
274	VLTRRNEW_MO	185
275	VLTRSTAT	38
276	VLTRVALU_MO	183
277	VOIDAGNT_MO	826
278	VOIDCNTR_MO	826
279	VOIDRNEW_MO	69
280	VRFD_LAND_CAP	N/A
281	WATER_SOURCE_LIT	5
282	WORK_GIS	15418
283	WORK_ITEMS	163
284	WTRSHD_DSGNT_LIT	N/A
285	ZONE_TBL	66
286	ZONGTEMP	102422
287	ZONING_DES	58
288	TOTAL ROWS	18,776,227



# Land Management Information System

## RECAP:

**1993** 5 map layers, 17 database tables  
8 employees.

Seventeen years later

**2010** 200 map layers, 286 database tables,  
8 employees.

A cost effective, efficient, and stream-lined  
program.

# Land Management Information System

## LMIS Users

ORGANISATION	NAME LAST	NAME FIRST
AIR QUALITY MANAGEMENT DIST	COVNE	HILLARY
	DAVIS	KRISTIN
	LEWENIN	TODD
	MC KINNEY	STEVEN
	MC TAGGERT	MARCELLA
	OTANI	DENNIS
	PATTERSON	TINA
	PATTON	PJ
	PHILLIPS	SUSAN
	RYAN	VALERIE
	THOMAS	CANDICE
	WEIMER	MICHELE
	WILLIAMS	KERRI
ANIMAL CONTROL	FORD	MARK
ASSESSOR - PLACERVILLE	BEACHEM	JOELLE
	BELGRAM	BRINE
	BYE	CORNIE
	CAPELLINO	PATRICIA
	CONLEE	VICKEY
	CIMBRA	DEBORAH
	DRENNAN	REGINA
	GORDON	MICHAEL

## LMIS

```

TASK: T01  MODE: 0  PERMITS MENU  10/11/10
-----
LAND MANAGEMENT INFORMATION SYSTEM
-----
T00  _  PERMIT MENU
T02  _  CREATE
T03  _  AGENTS
T04  _  INFORMATION
T05  _  VALUATIONS
T07  _  COMMENTS
T08  _  SCHEDULING
T10  _  INSPECTIONS
T11  _  ROUTING
T13  _  GENERAL COMMENTS
T20  _  FEE MENU
T30  _  AGENCY IN-BOX
T98  _  PARCEL REVIEW
T99  _  PERMIT SELECTION

PLEASE SELECT A TASK AND PRESS ENTER.  F1 FOR HELP, F3 TO QUIT  LMC101A
MA a  06/030
  
```

## Parcel Reviews

```

T98 0  PARCEL REVIEW - LMIS  10/11/10
-----
PARCEL: 123 040 09 1  SITUS:
-----
CASE CATG ST COMMISSION  REMARK
AG STBK AGRICULTURAL SETBACK REVIEW. AG SETBACK REVIEW-ADJ AREA
BLDG EDH BUILDING DEPT/EDH EL DORADO HILLS PERMIT OFFICE
CFD1 EL DORADO SCHOOLS FINANCE AUTH SCHOOL DISTRICT FEE
CSD EDH EDH CSD COMMUNITY SERVICES DISTRICT
DOT EDH STATE TIM FEE-EL DORADO HILLS DOT STATE EDH
EID WARN EID RECYCLED WATER REVIEW REQ EL DORADO IRRIGATION DISTRICT
FEE SRNO SERRANO PARKS AND RECREATION SERRANO PARKS AND REC FEE
RIF H50N EL DORADO HILLS AREA RIF ROAD IMPACT FEE - NORTH
TIM4 EDH HWY 50 VARIABLE T.I.M. T.I.M. EDH DISTRICT
ZOB DRNG DRAINAGE REVIEW DRAINAGE ZONE OF BENEFIT
ASB REV Asbestos Review Area ASBESTOS REVIEW AREA
FZON FZON FLOOD REVIEW FLOOD ZONE SEE MAP4894
SAFE FEE PUBLIC SAFETY IMPACT FEE SAFETY FEE SEE MAP#G1003991
TIM8 ZNRN HWY 50 T.I.M. T.I.M. ZONE 8 NORTH
ECOP MI2 RARE PLANT PRESERVES MITIGATION AREA 2
FIRE MOD FIRE REGULATION REVIEW MODERATE HAZARD G1004281
SDS CATC SEISMIC DESIGN CATEGORY SEISMIC DSGN CATG C MH4593_CD
LMC198A
F1=HELP 2=CLR 3=QUIT 7/8=SCROLL S7/8=PREV/NEXT F9=T99 F10=T07 11=L10 12=EXIT
MA a 03/011
  
```

# Land Management Information System

- [LMIS Users](#)
- [LMIS](#)
- [Parcel Reviews](#)

# Land Management Information System

- Fees collected via LMIS:

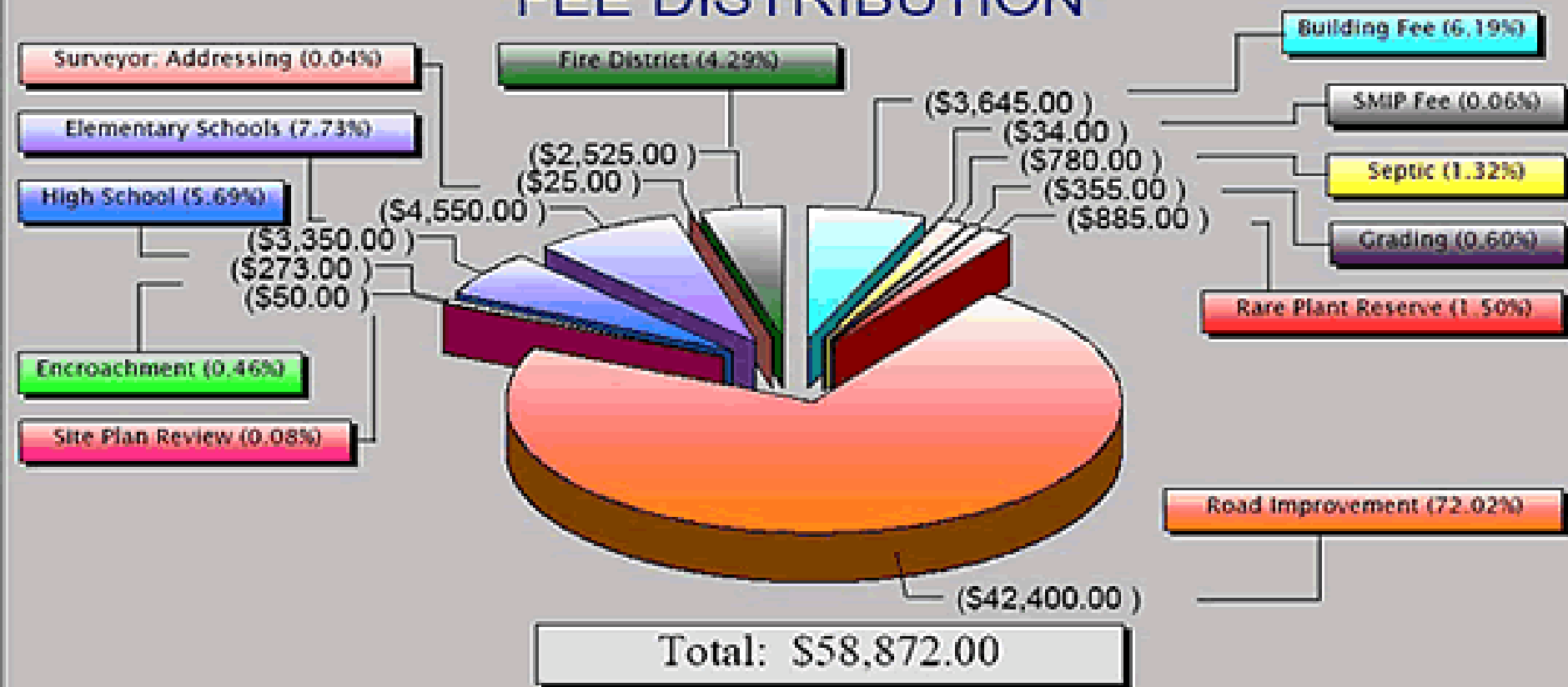
**\$335 million.**

- Permit Valuation added via LMIS:

**\$6.1 Billion**

# Land Management Information System

## PERMIT FEE 2007 FEE DISTRIBUTION



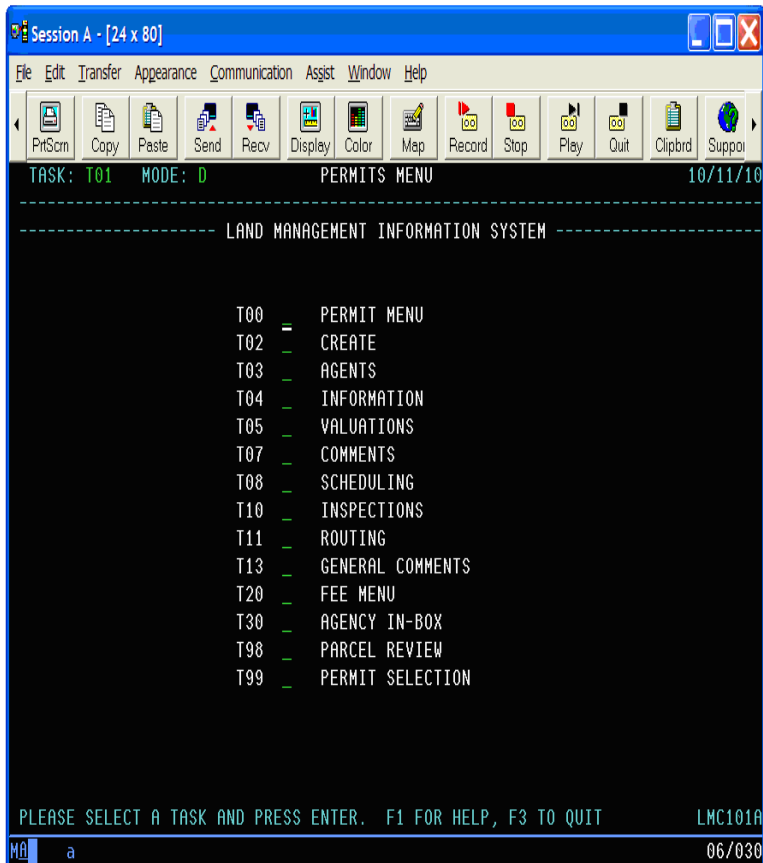
# Land Management Information System

More!:

- [ARC GIS](#)
- [GOT NET!](#)
- [Parcel Data Information System](#)
- [General Plan Consistency Checklist](#)
- [The “front counter” app.](#)
- [LMISweb](#)
- [The Map Library](#)

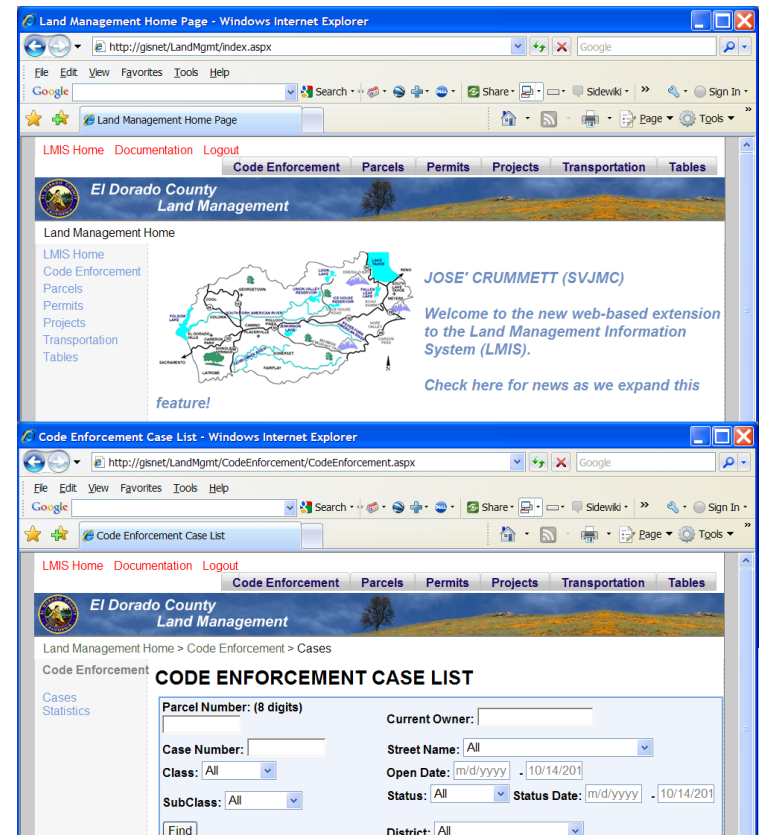
# Land Management Information System

LMIS



or

LMISweb



# Land Management Information System

(GIS)      (People)      (Data)      (Software)

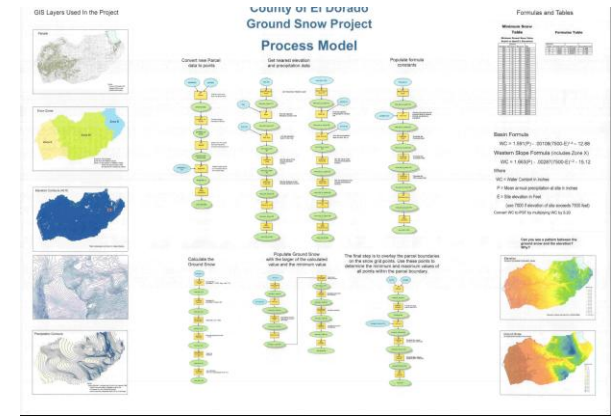
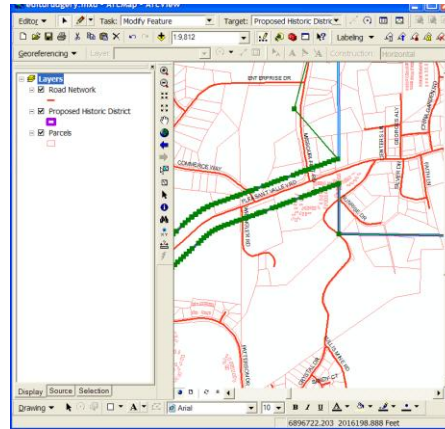
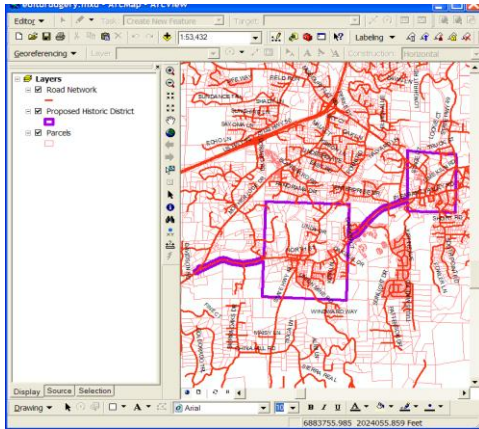
## The 'People':

- Edit Drudgery.
- Parcel Review Again.
- Edit Complexity.



# Land Management Information System

(GIS) (People) (Data) (Software)



# Land Management Information System

(GIS)      (People)      (Data)      (Software)

- County Wide Participation:
- Clients and Projects:
- Not Just Pretty maps!
- Operational and Planning Efficiencies.
- Disaster Mitigation and Recovery.
- Community Enhancement.

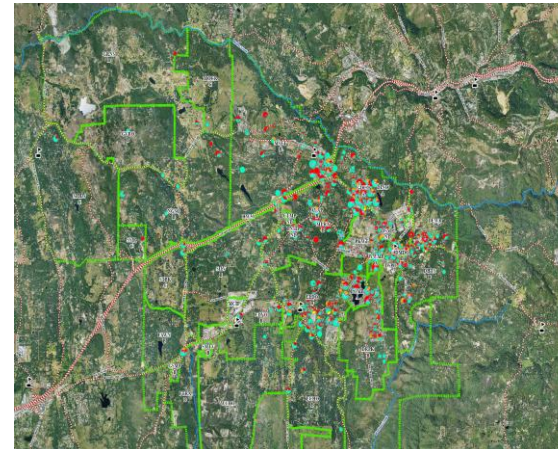
# Land Management Information System

(GIS) (People) (Data) (Software)

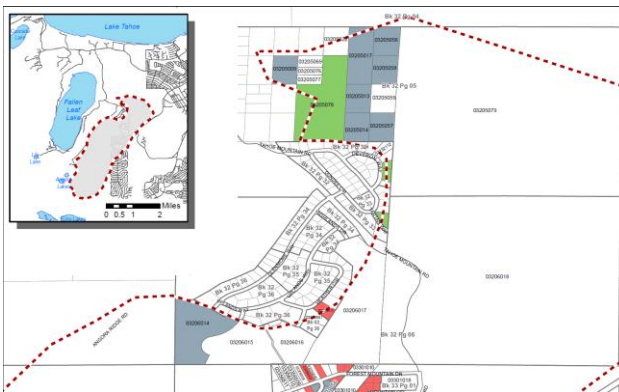
## Clients and Projects

CLIENT NAME	PROJECT ID	PROJECT
AGRICULTURAL COMMISSION	5593	VANGIEIA/BRANCH RANCH 09113047, 49, 49
	5592	RECONSTRUCT AIRBORNO, GIS SERVER NETWORK DRIVES
	5590	MAUTSCHER/IO/BRACCA/YOONG 09413016
	5577	NEWFIELD DEVELOPMENT 09019001
	5554	TRIEDN, 04174023 SETBACK
	5538	KLD FILE OWNERS N/IN 500FT 08922003
	5506	ANNE CRAPT 08718148
	5504	RANDY AND TIM ROSS
	5503	SBA TOMERS/GARY MABA
	5484	MAP AEM 09309003, 76, 10 ACTIVE PRESERVE 202
	5470	MACRODARD, BRCDGRANDS 10510011
	5461	JOHN KELLEY SETBACK 04174031 FISHER
	5447	200 FT SETBACK AGAINST ALL AG ZONED LAND
	5439	MACROSCOTT, 09610045, 46 RESUME TPO TO R10
	5431	UPWAK AND AID LABELS TO PRELIMINARY PROJECT 5179
	5400	BRORN/CASLTON ENG. DORING CHANGE
	5397	HEHL/SANTILLO/PHD SOUL MAP
	5399	ROCKE MAPS AND LABELS
	5387	ADDITIONAL APNS/LABELS SEPARATE/PLANDUCTIONS
	5385	AG. DISTRICT NOTIFICATION LABELS
	5384	PRESERVATION/NOTIFICATION LABELS
	5383	CANADKELIGHT VILLAGE ADDRESSES
	5382	HEHLT 01110111 NOTIFICATION MAP AND LABELS.
	5351	PETA WENBY SPECIAL USE PERMIT
	5328	DE ANGELES, SETBACK TO AS ZONED PARCEL
	5313	RANALLI, RESUME RA 40 TO RA 20
	5300	HEHL, SWIFT, FOX, ANGLIO TRUST PRON. TO TPO LANDS

## Operational Efficiency



## Disaster Recovery and Mitigation



## Community Enhancement



# Land Management Information System

(GIS)

(People)

(Data)

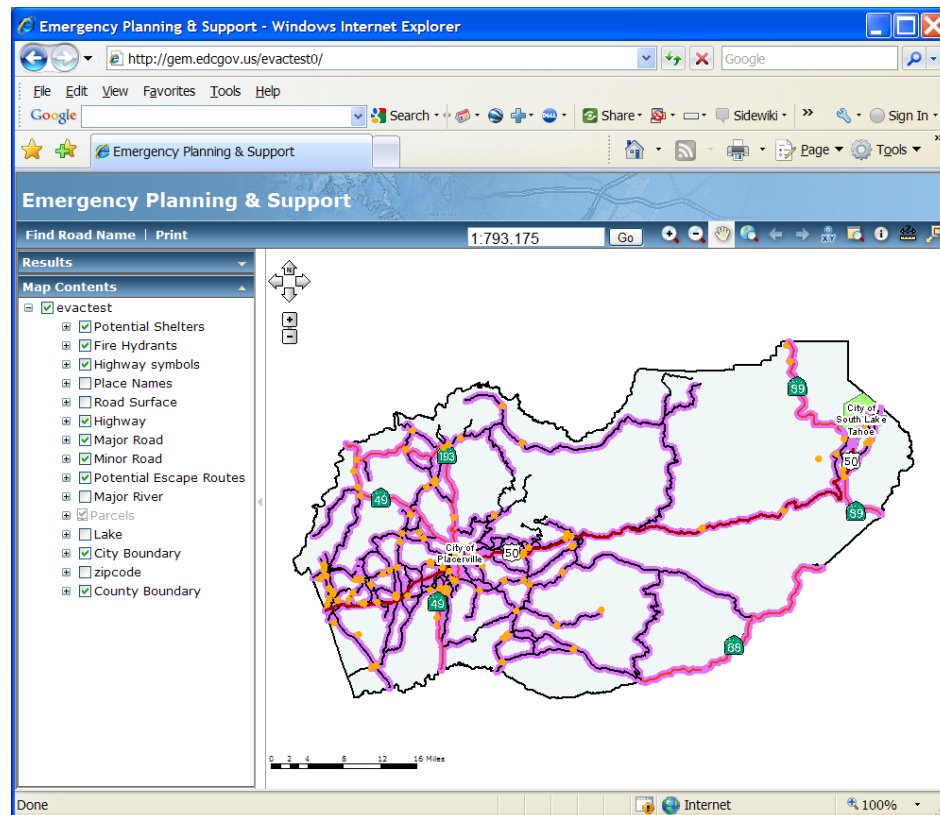
(Software)

- Recap
- GIS is Land Management.
- Tie stronger now than ever.
- 40 times the map themes.
- 17 times the data.
- Millions more rows.
- Software systems old, new, inherited, purchased.
- Millions in fees, billions in value.
- Thousands of clients, thousands of projects.
- **SAME STAFF SIZE** as 1993.

# Land Management Information System (GIS) (People) (Data) (Software)

## THE FUTURE

### Partnerships - “county-wide participation”



# Land Management Information System

OR

