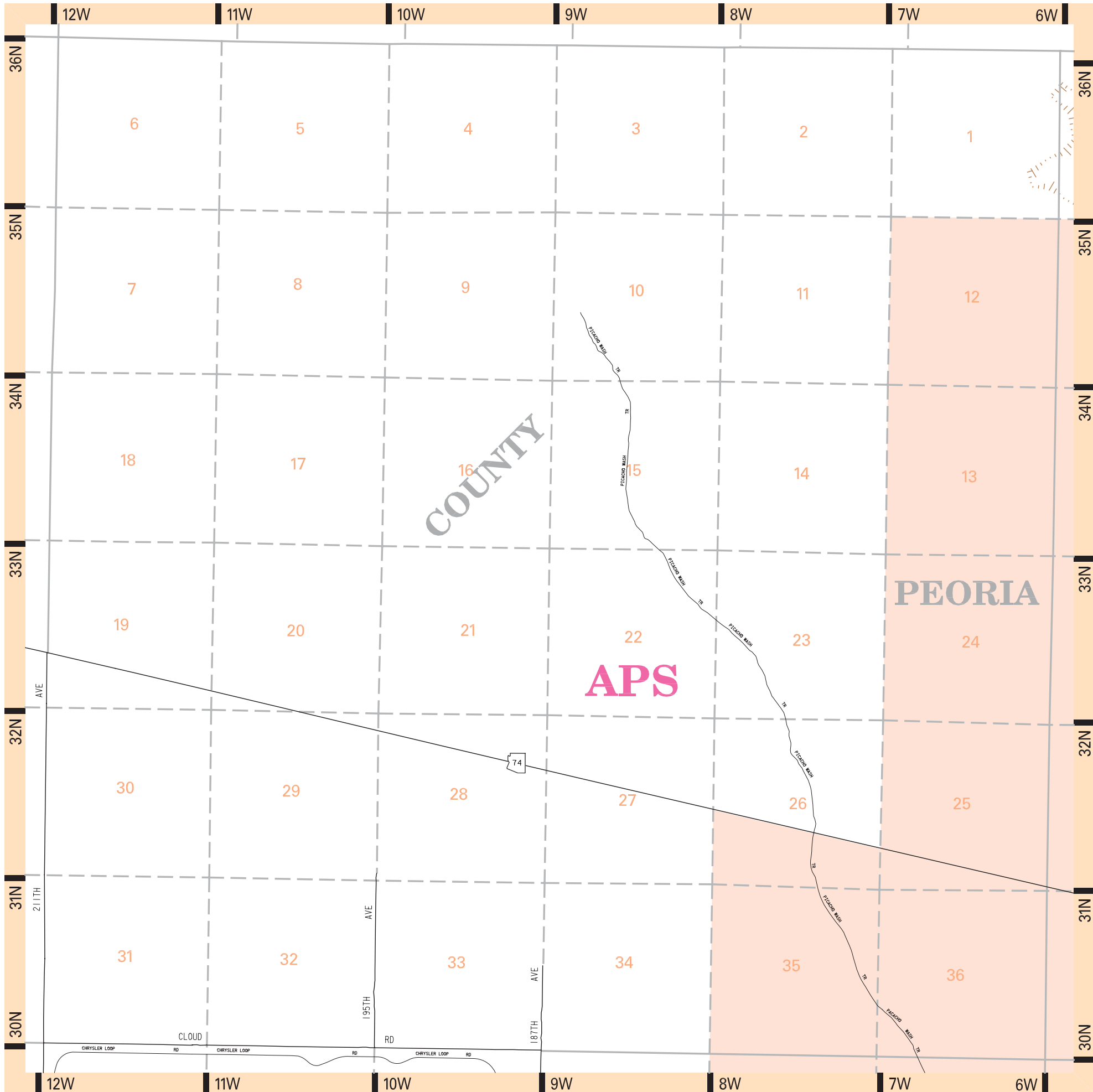
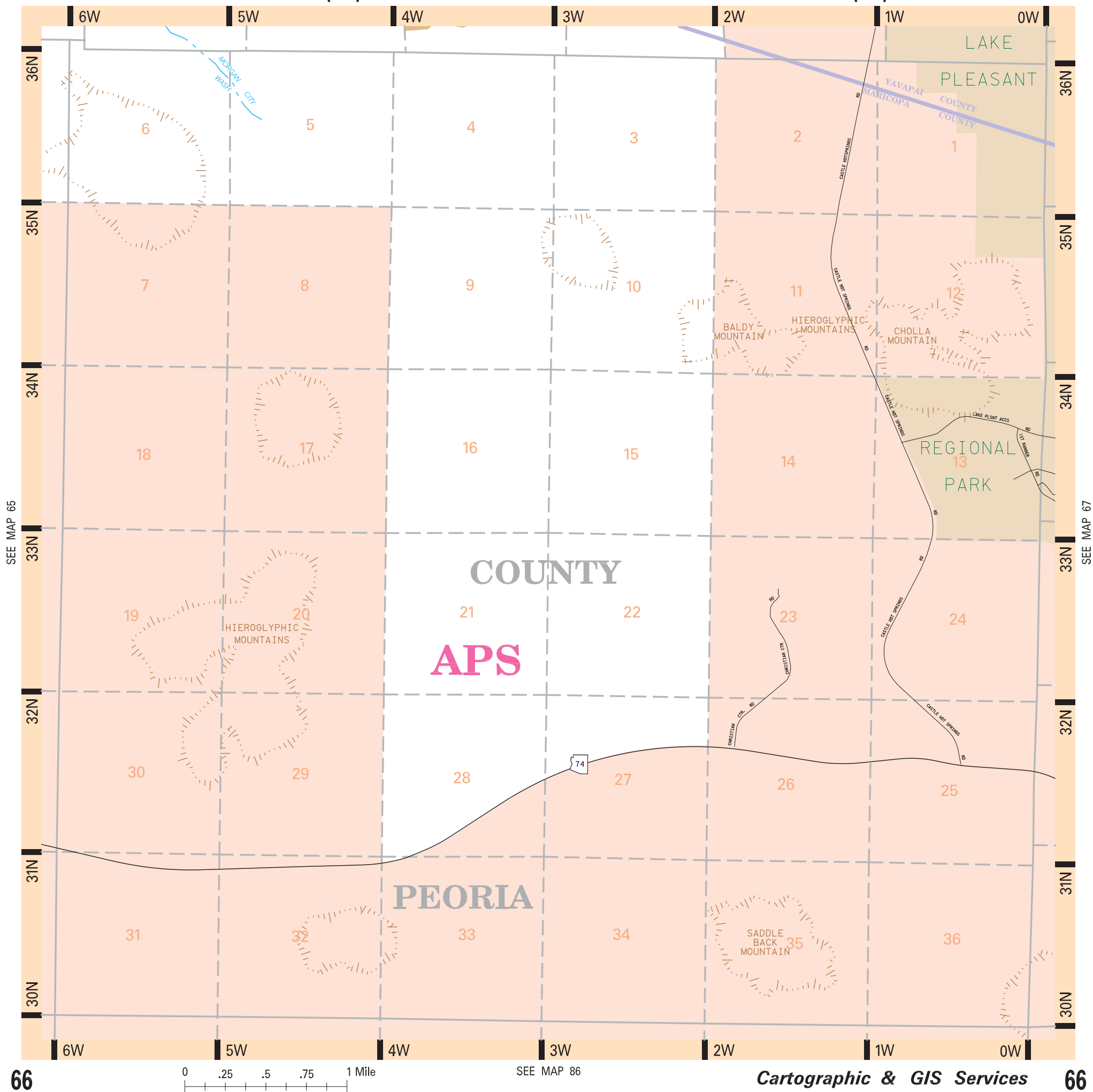
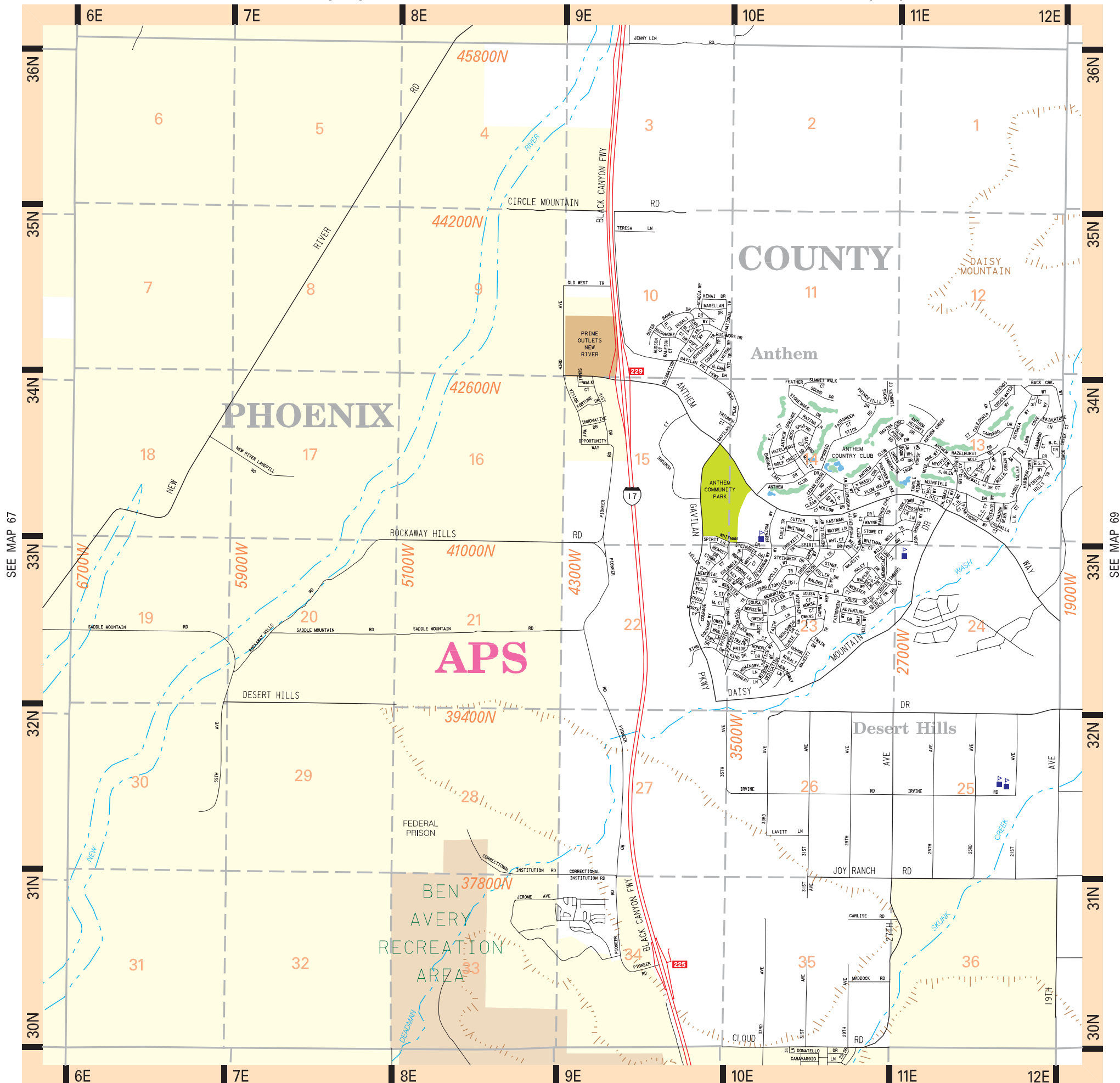


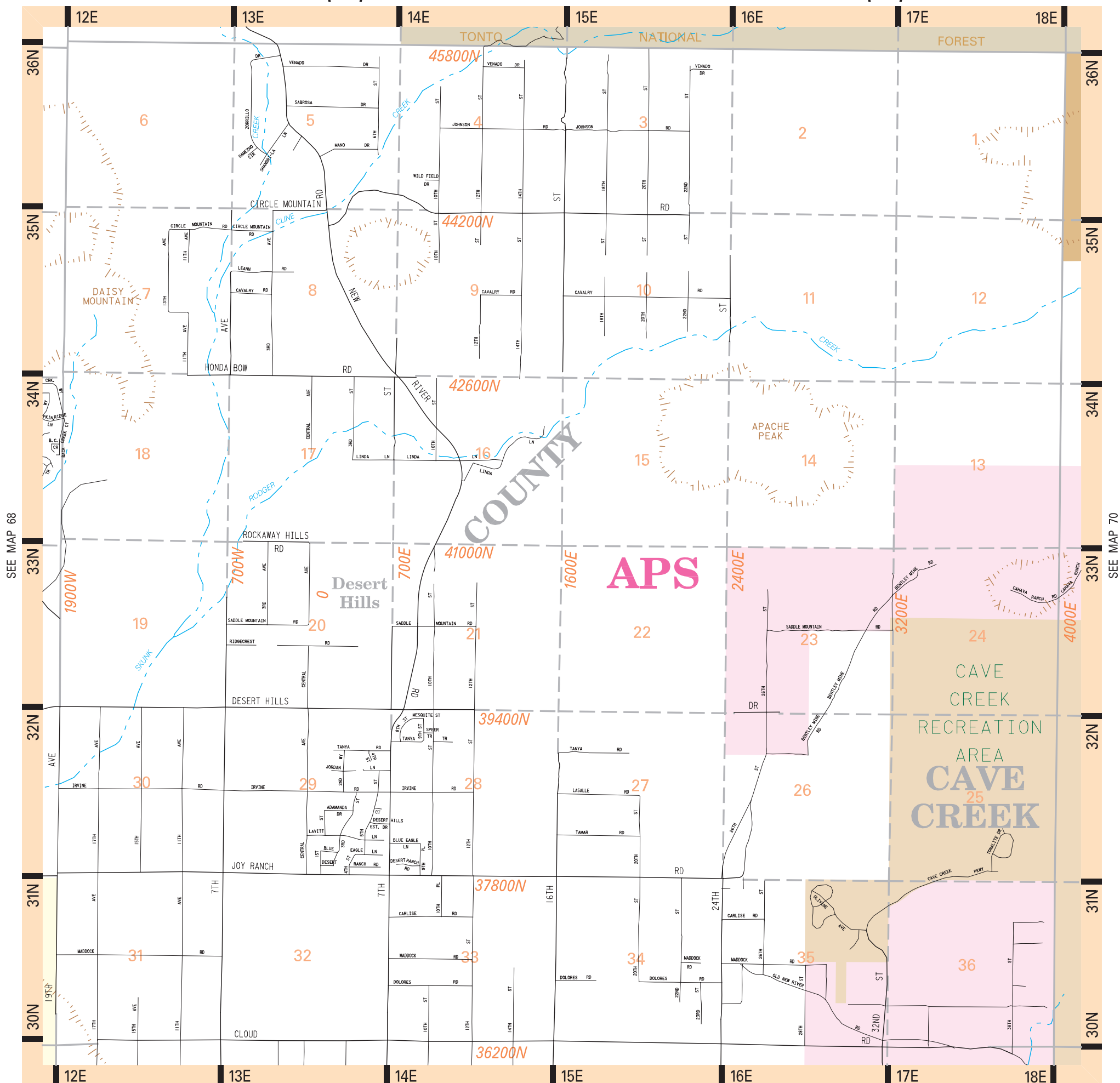


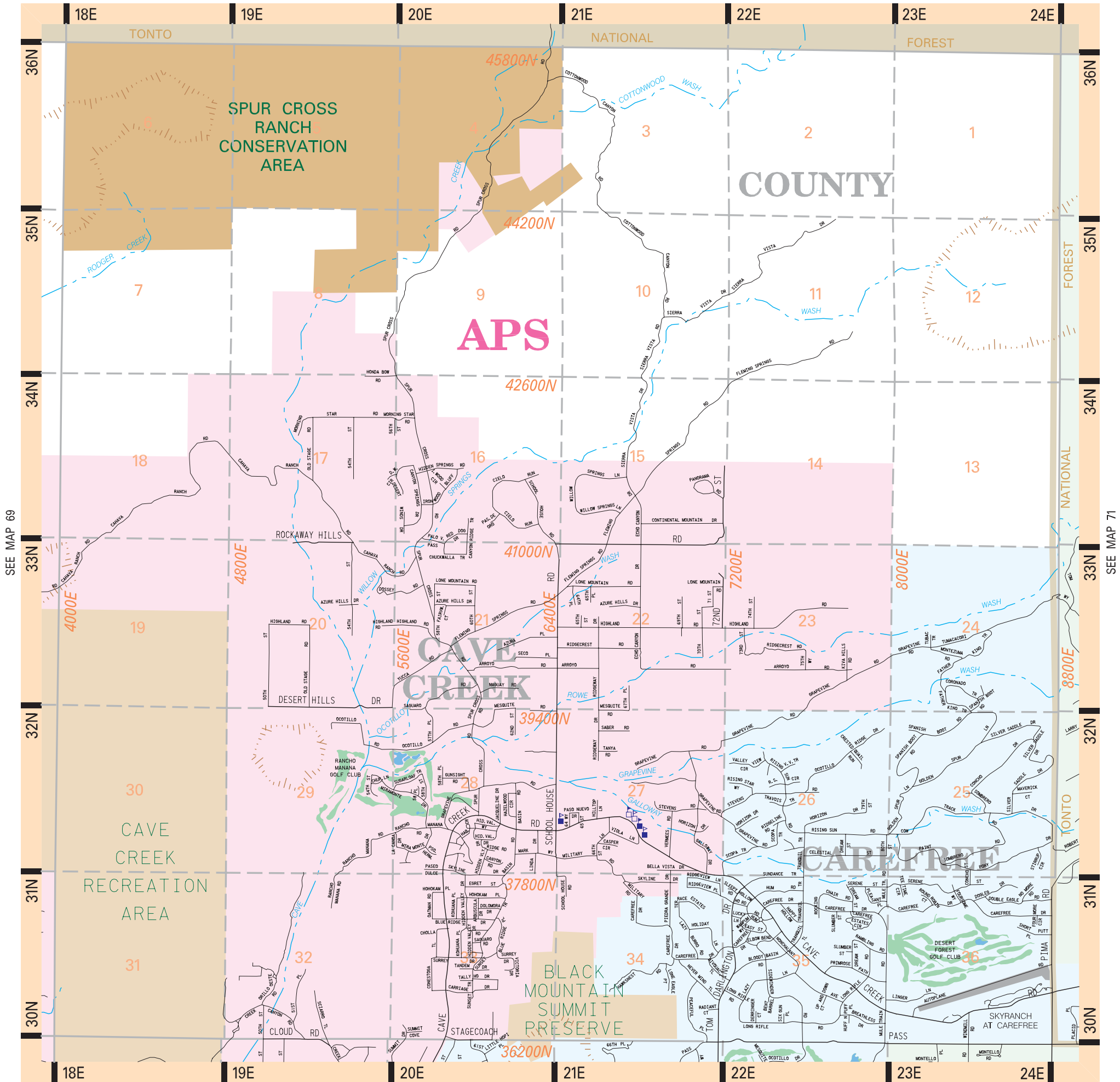
SEE MAP 66







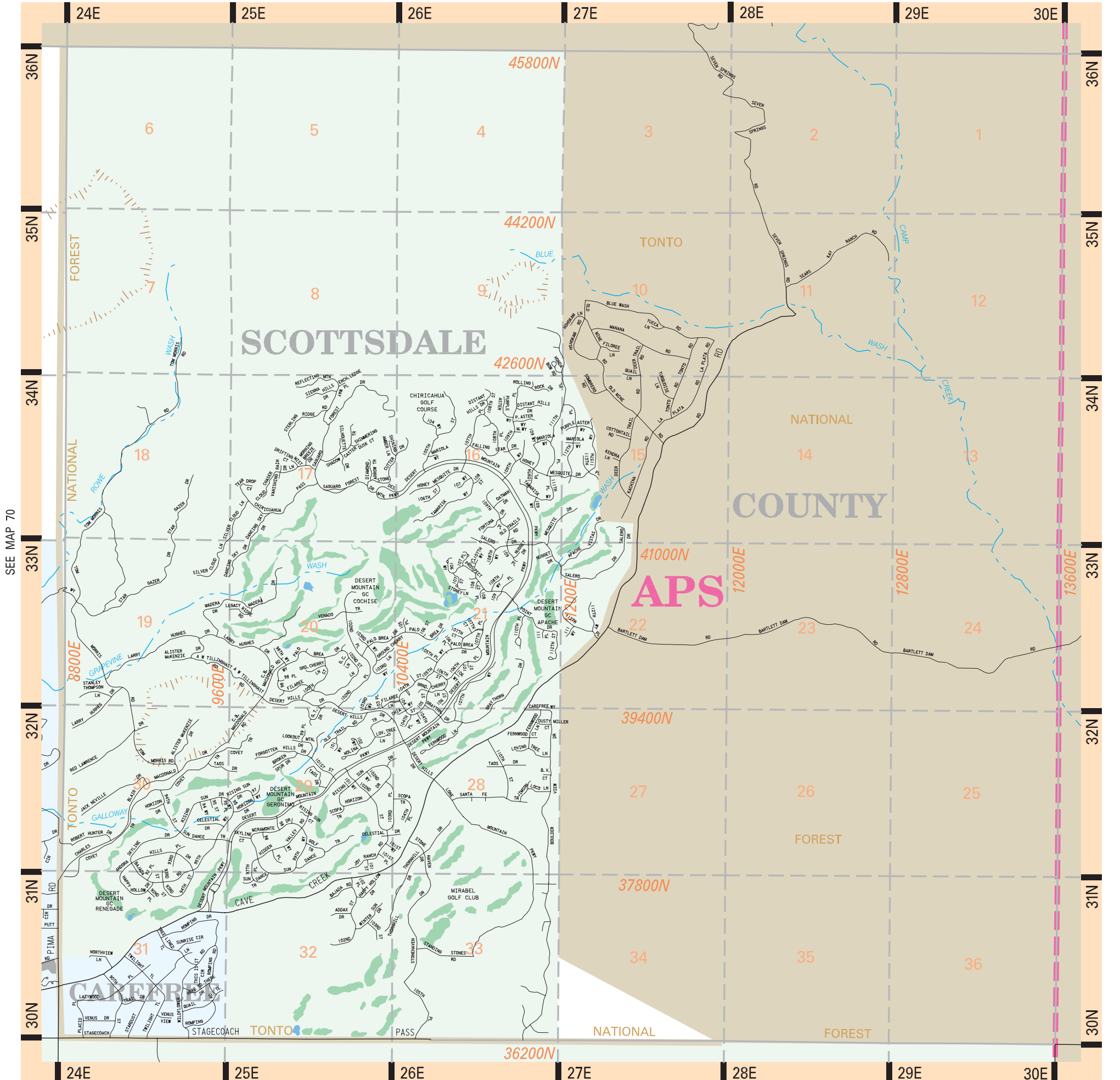




SEE MAP 69

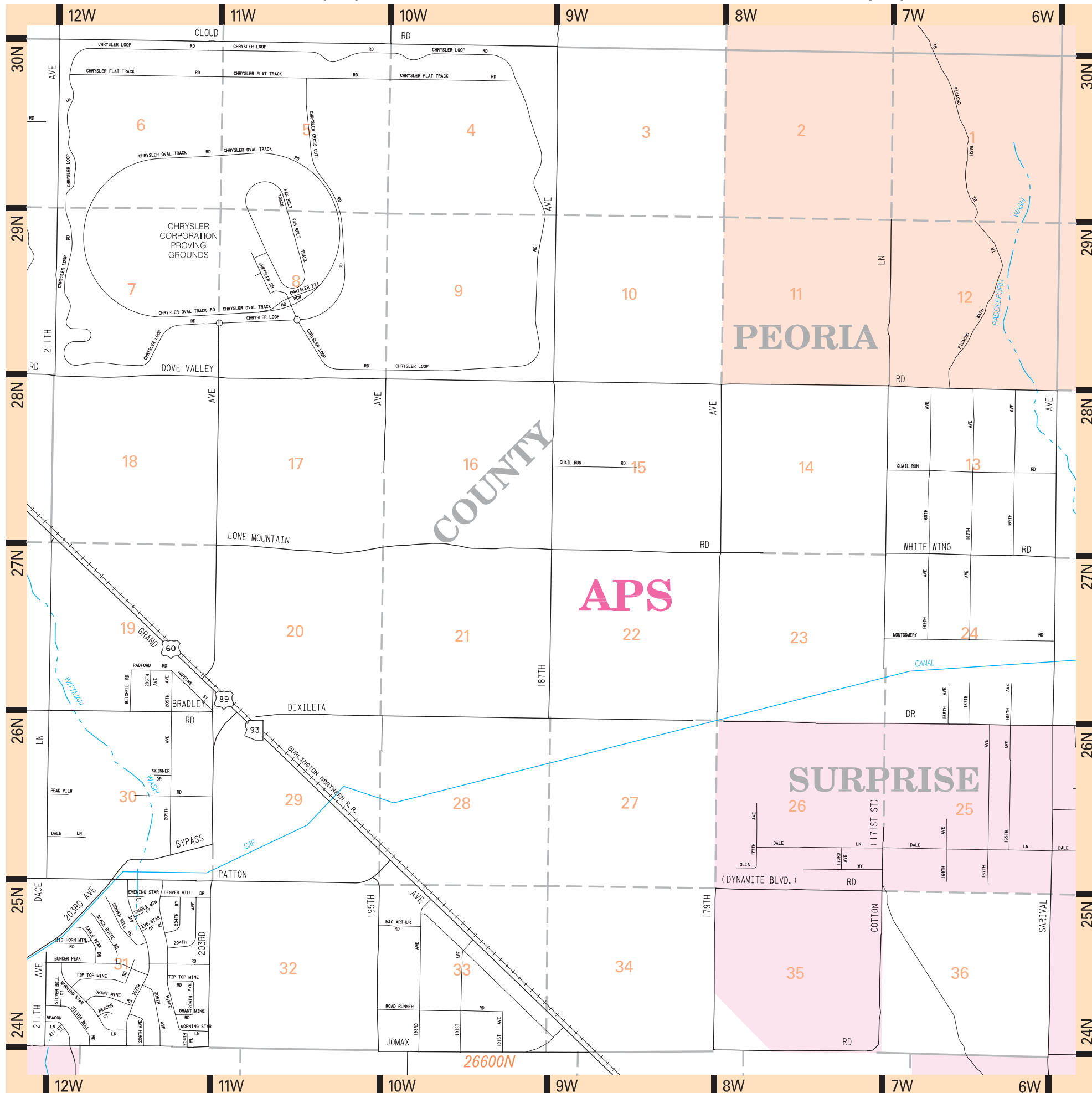
SEE MAP 71

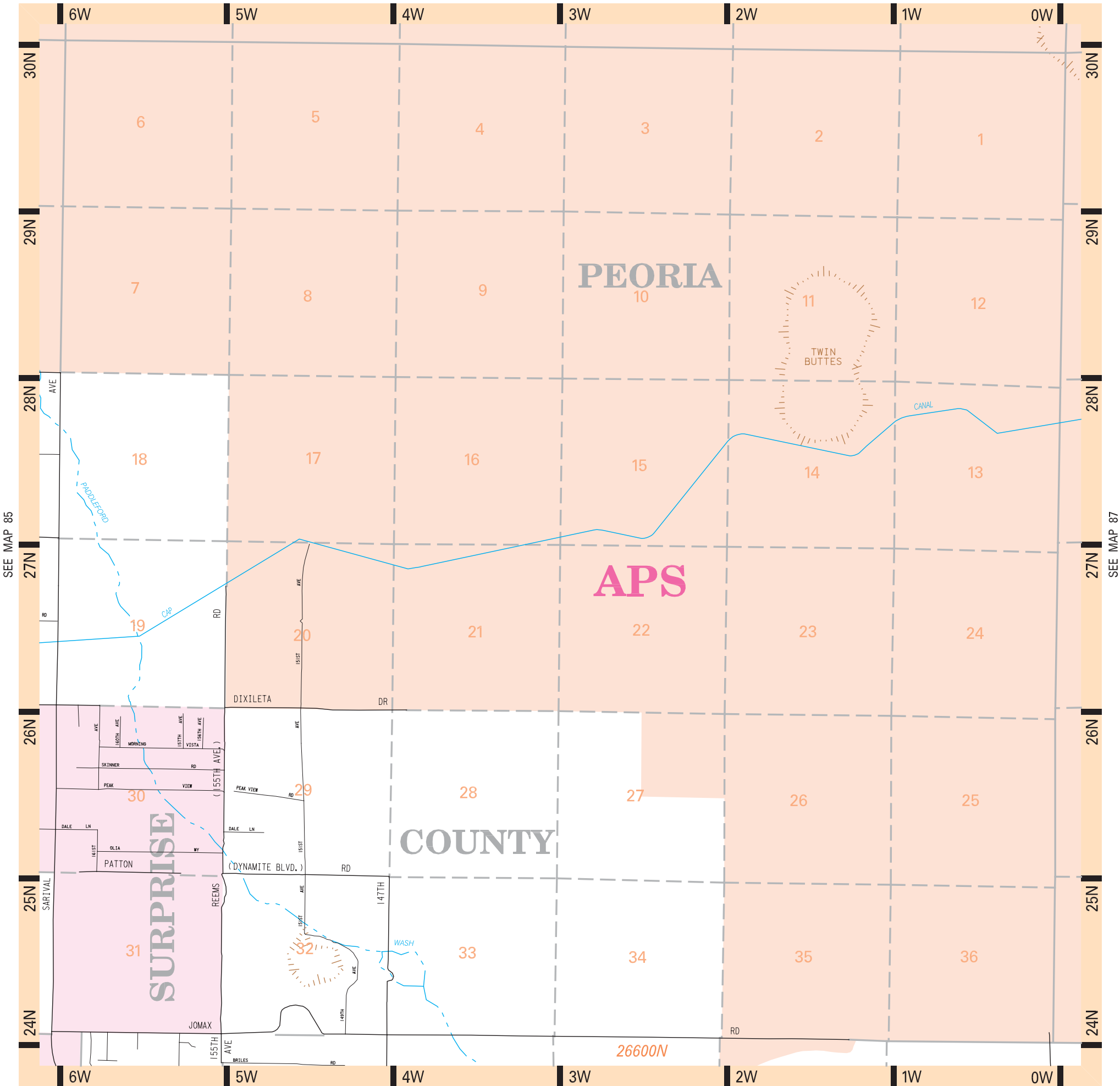
SEE MAP 90

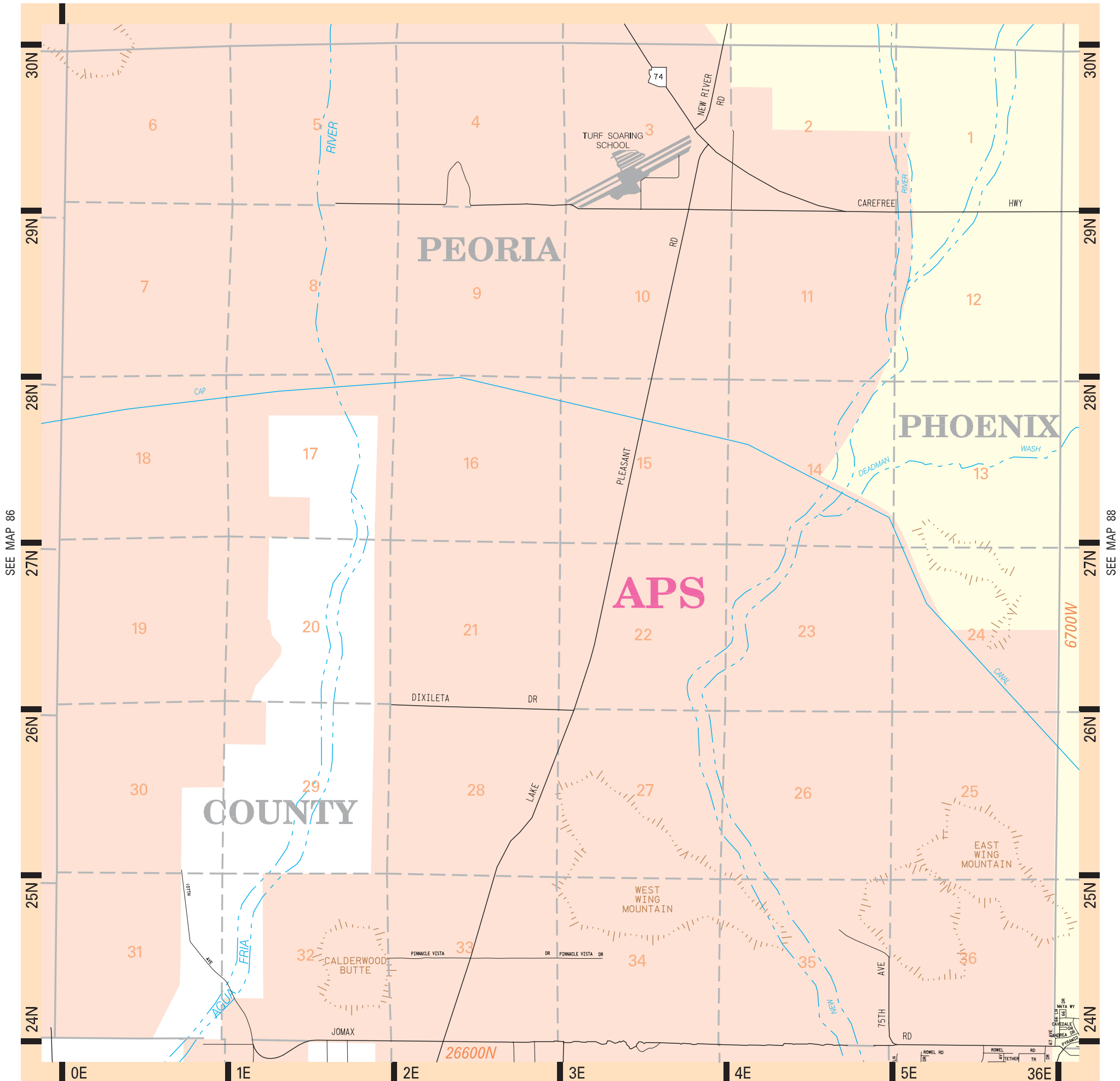


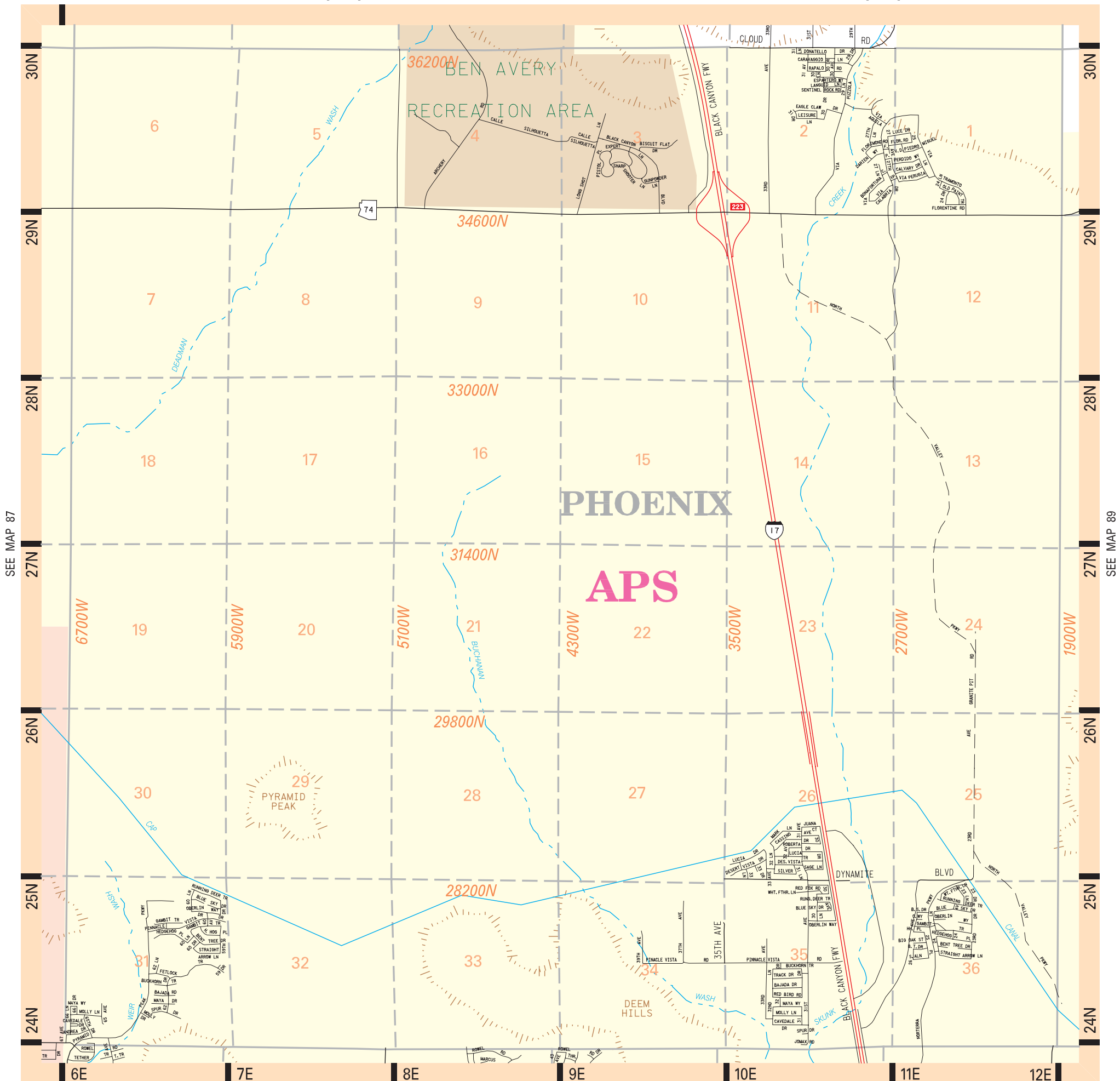
SEE MAP 70

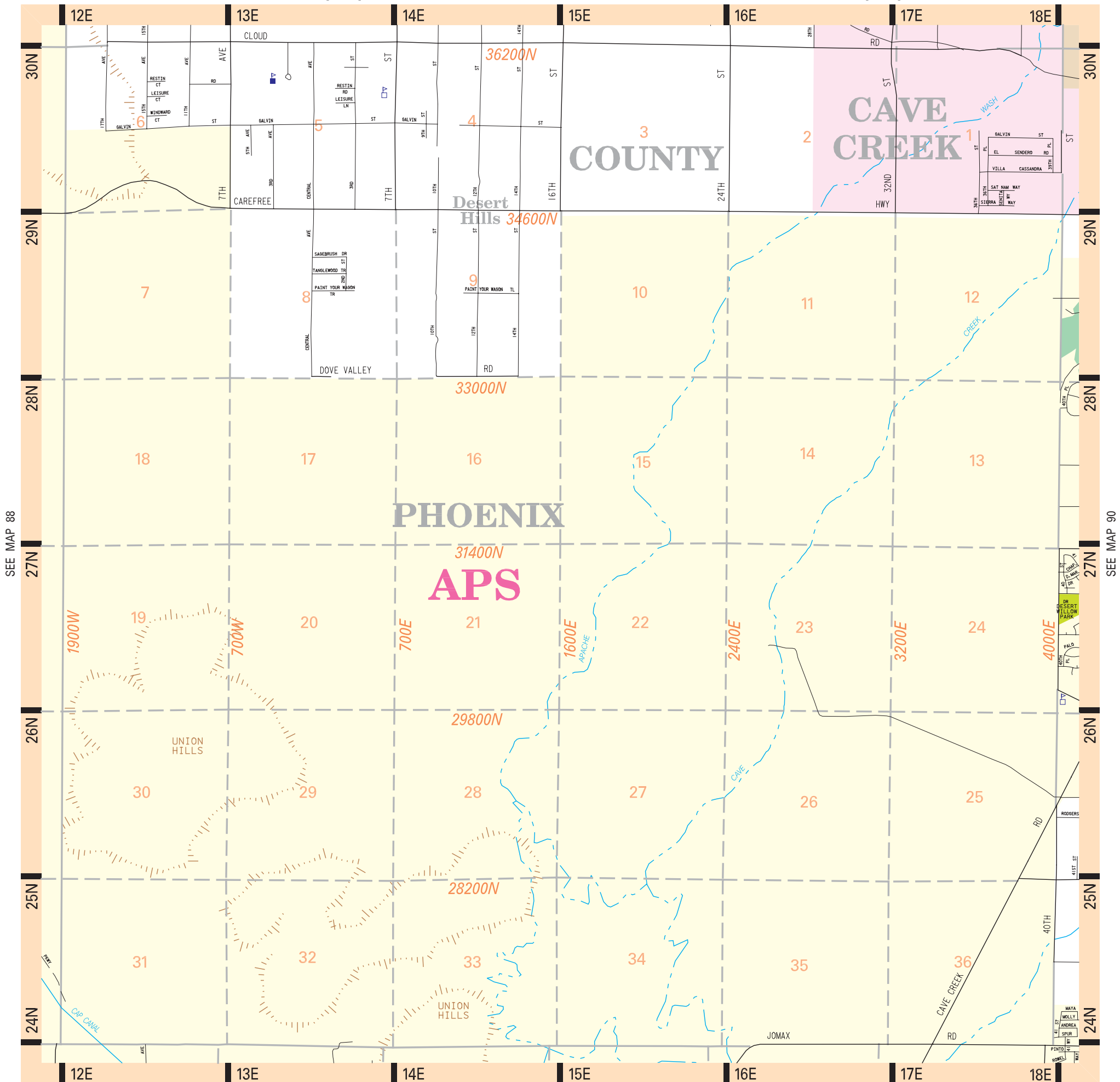
SEE MAP 91





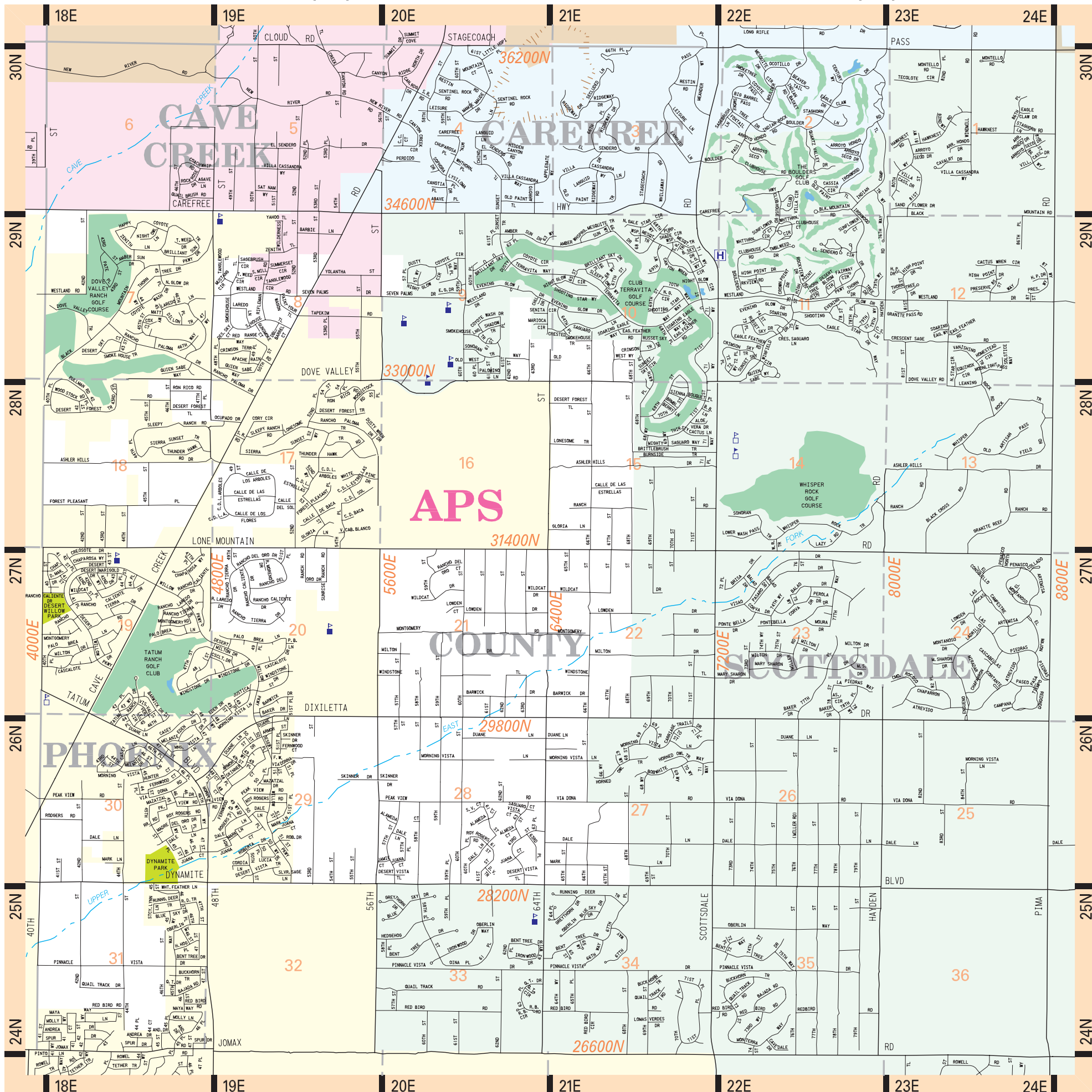


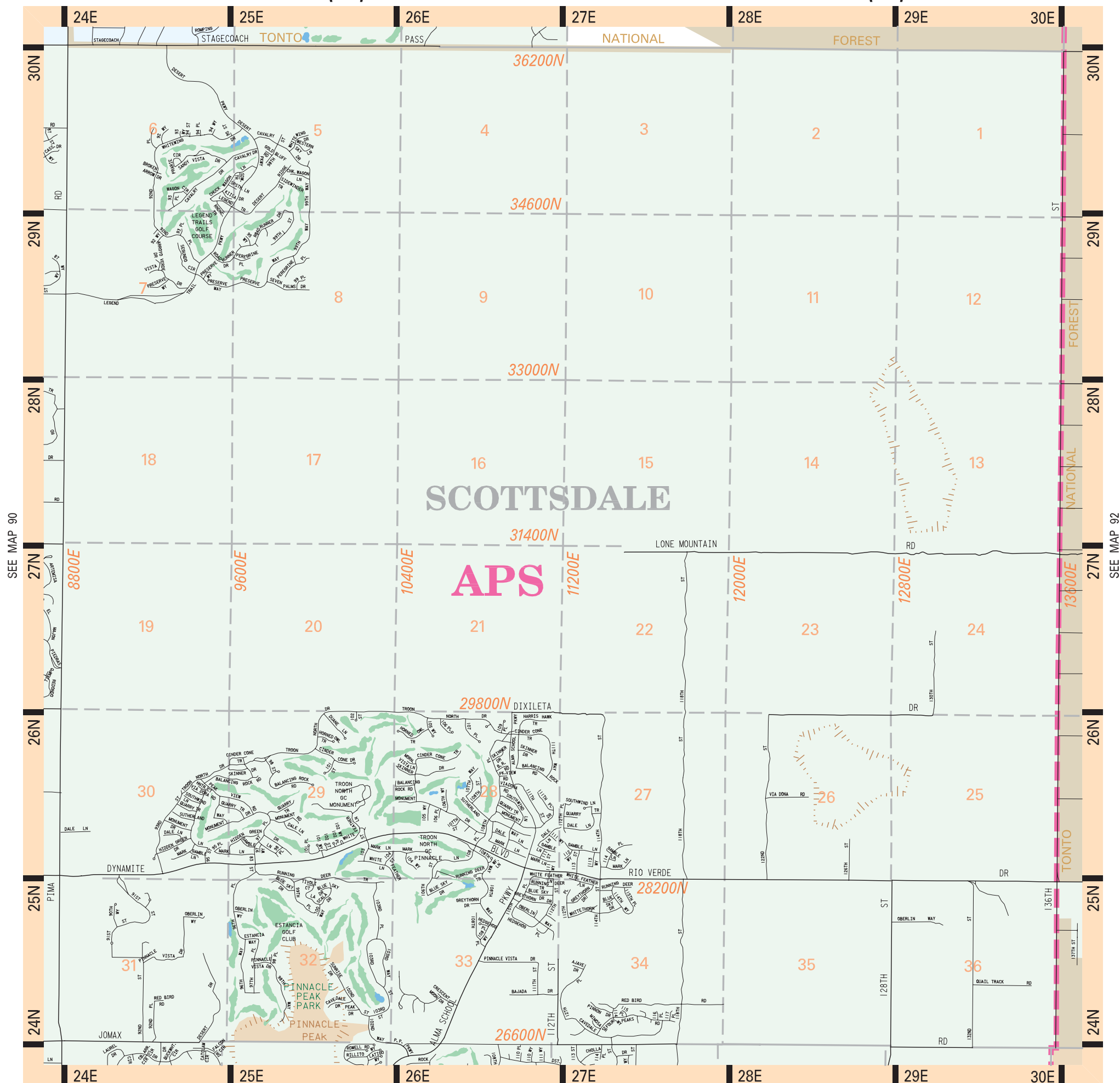


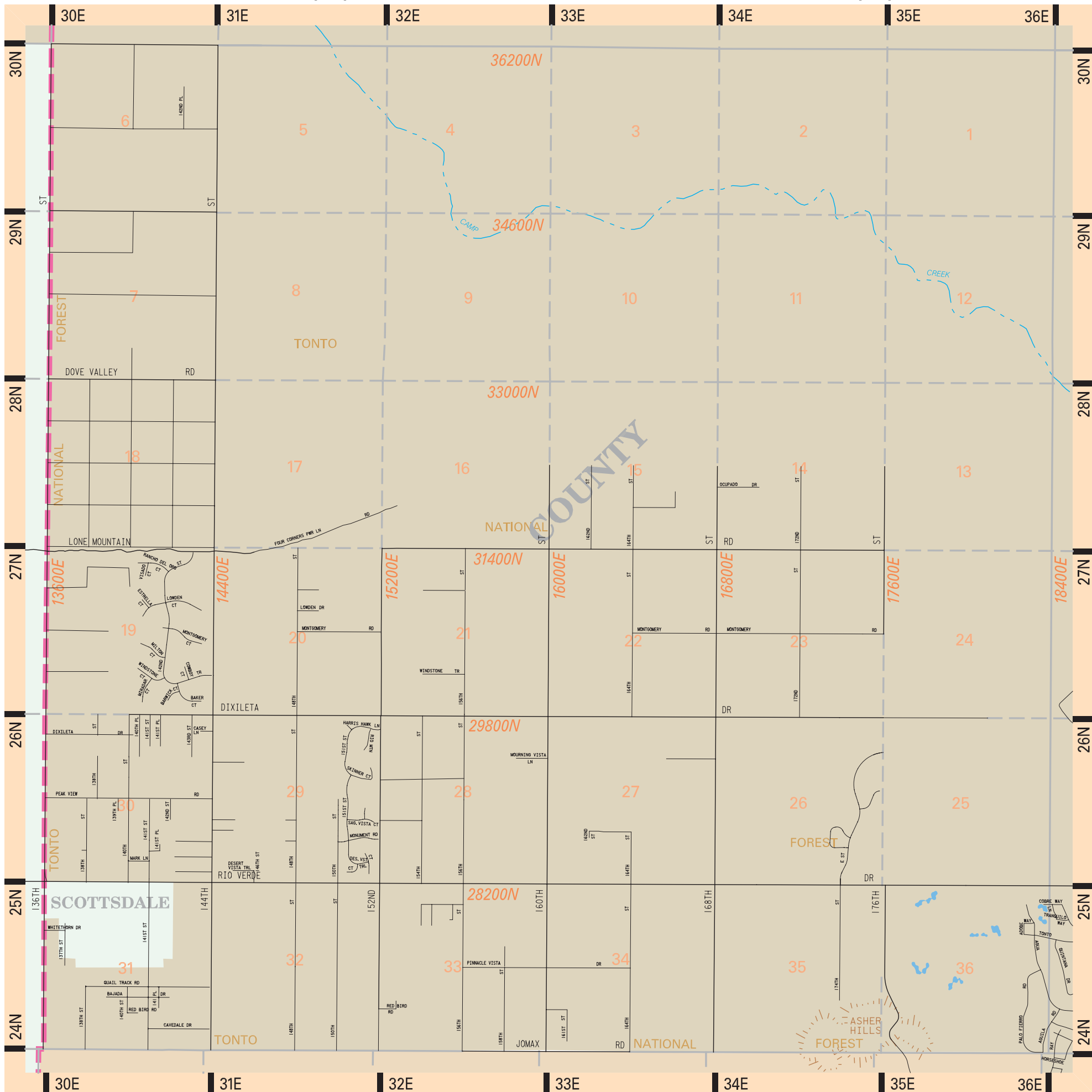


SEE MAP 88

SEE MAP 90





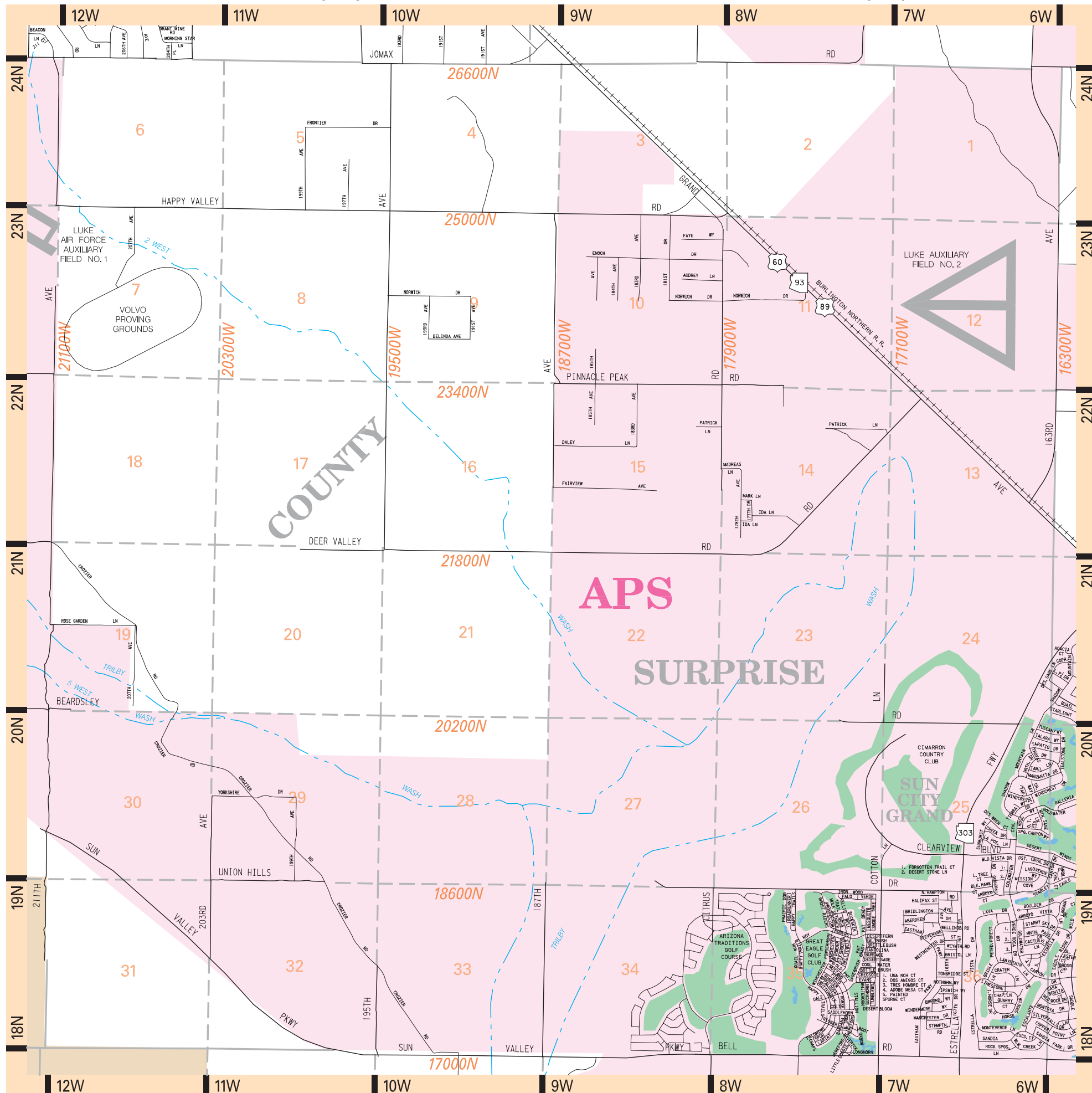


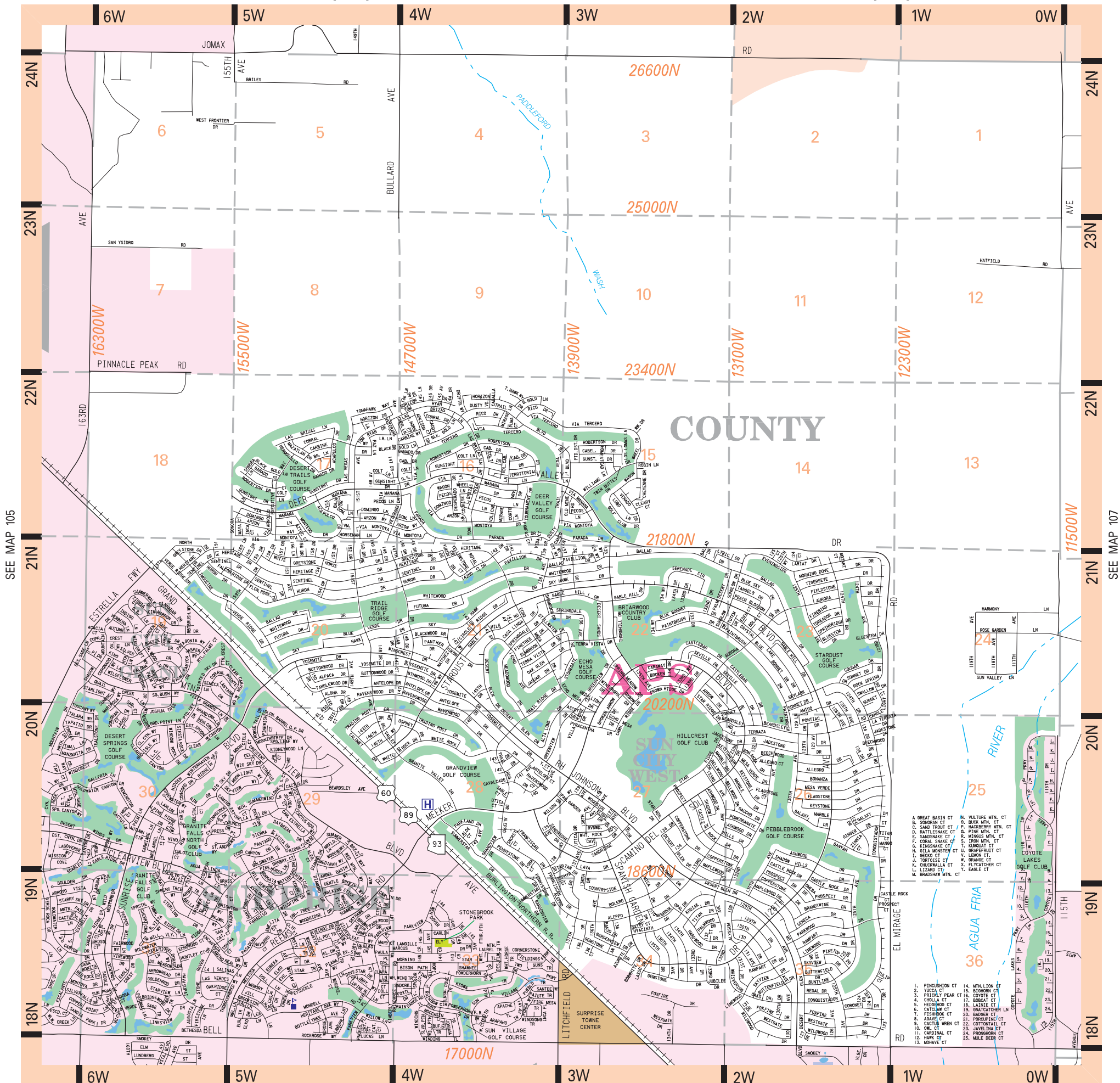
SEE MAP 93

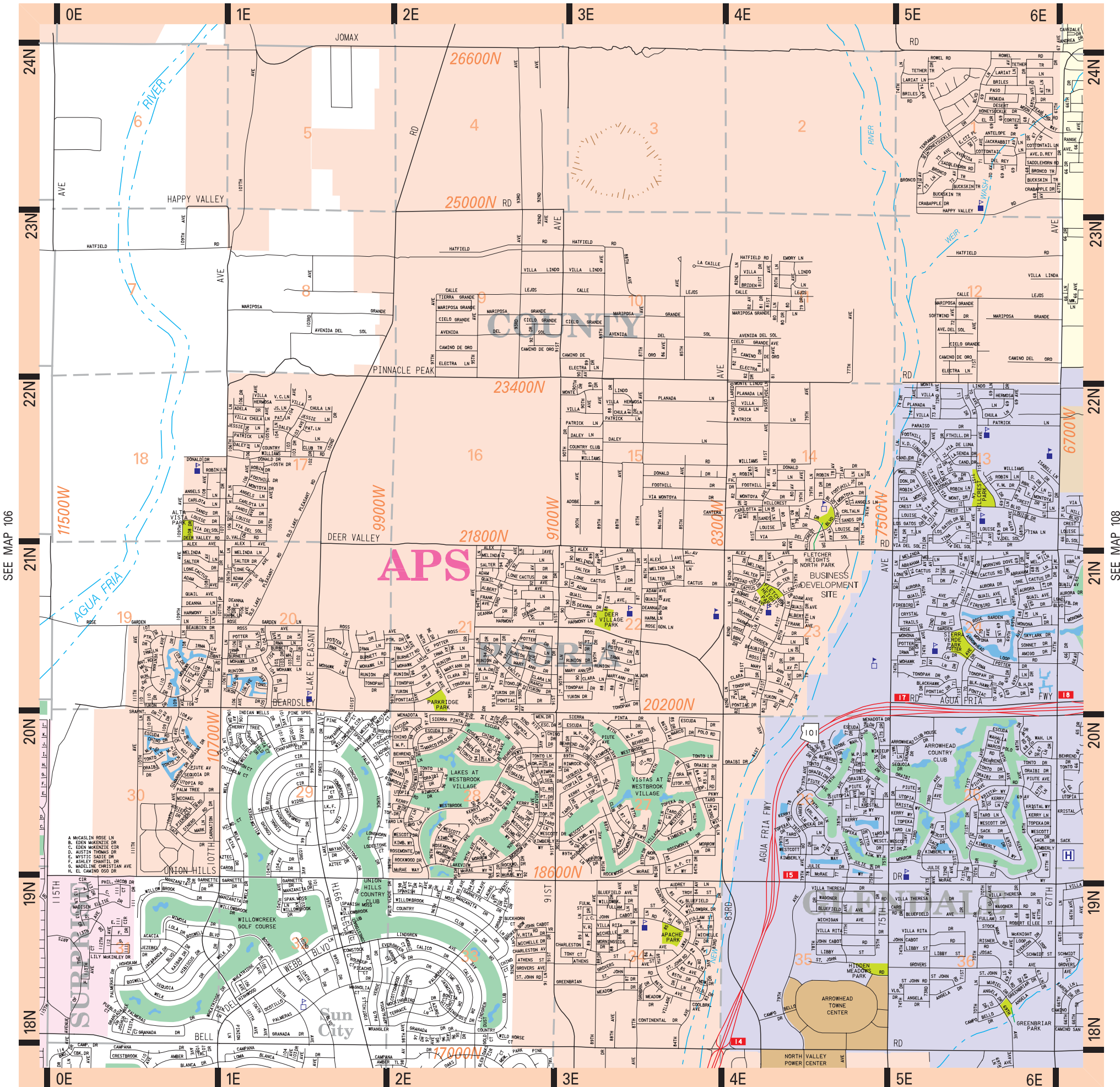


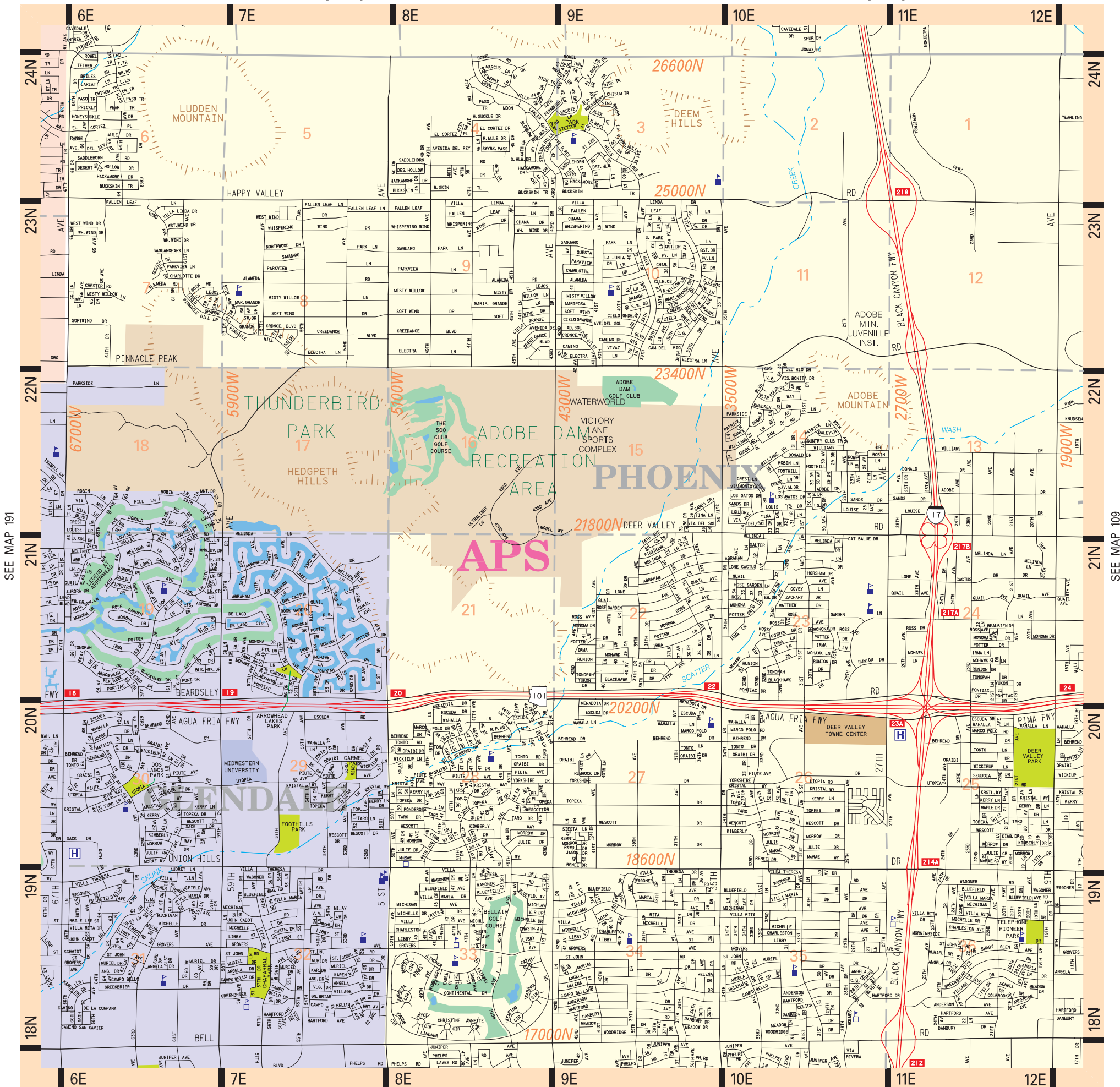
SEE MAP 92

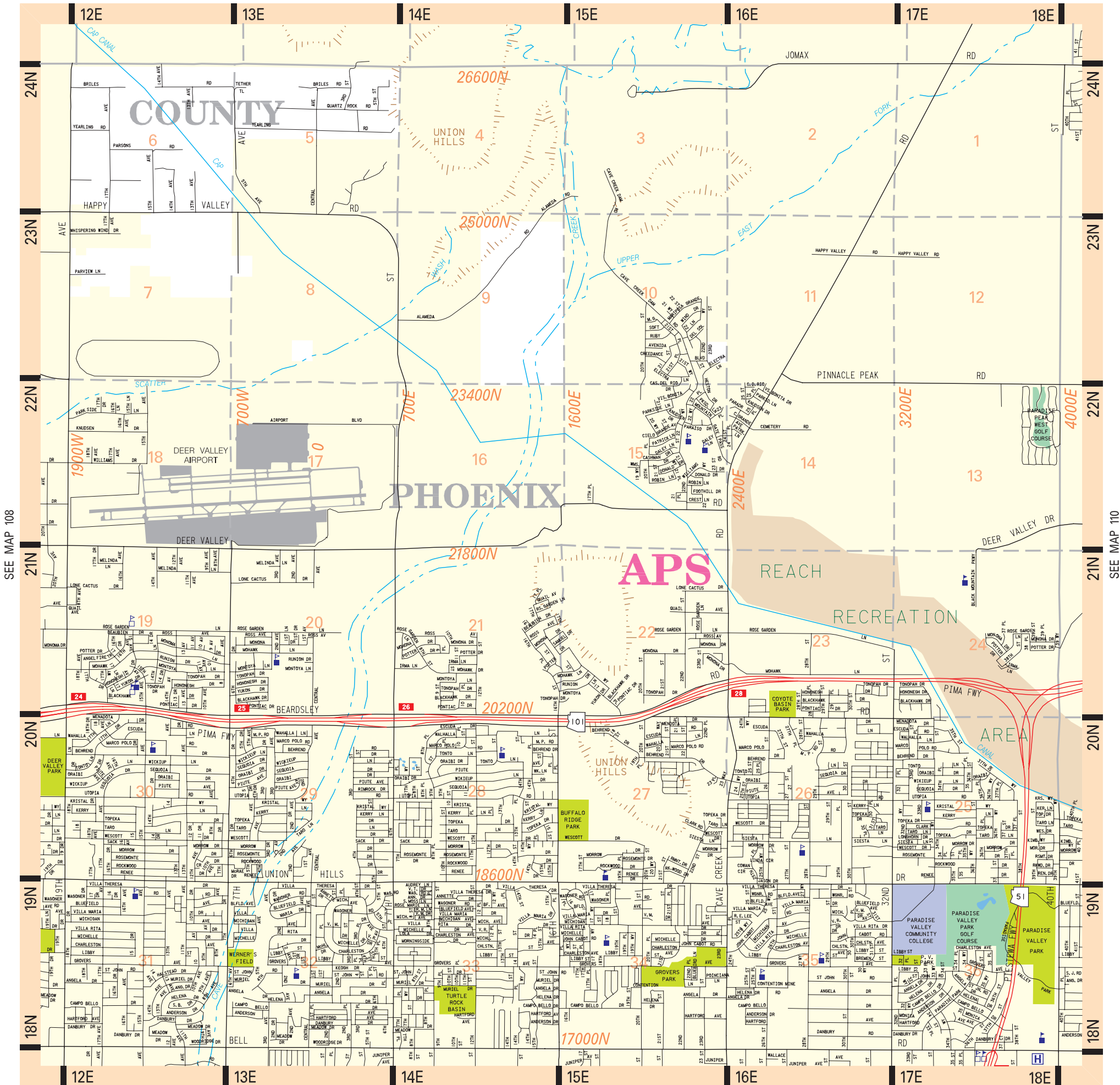
SEE MAP 113

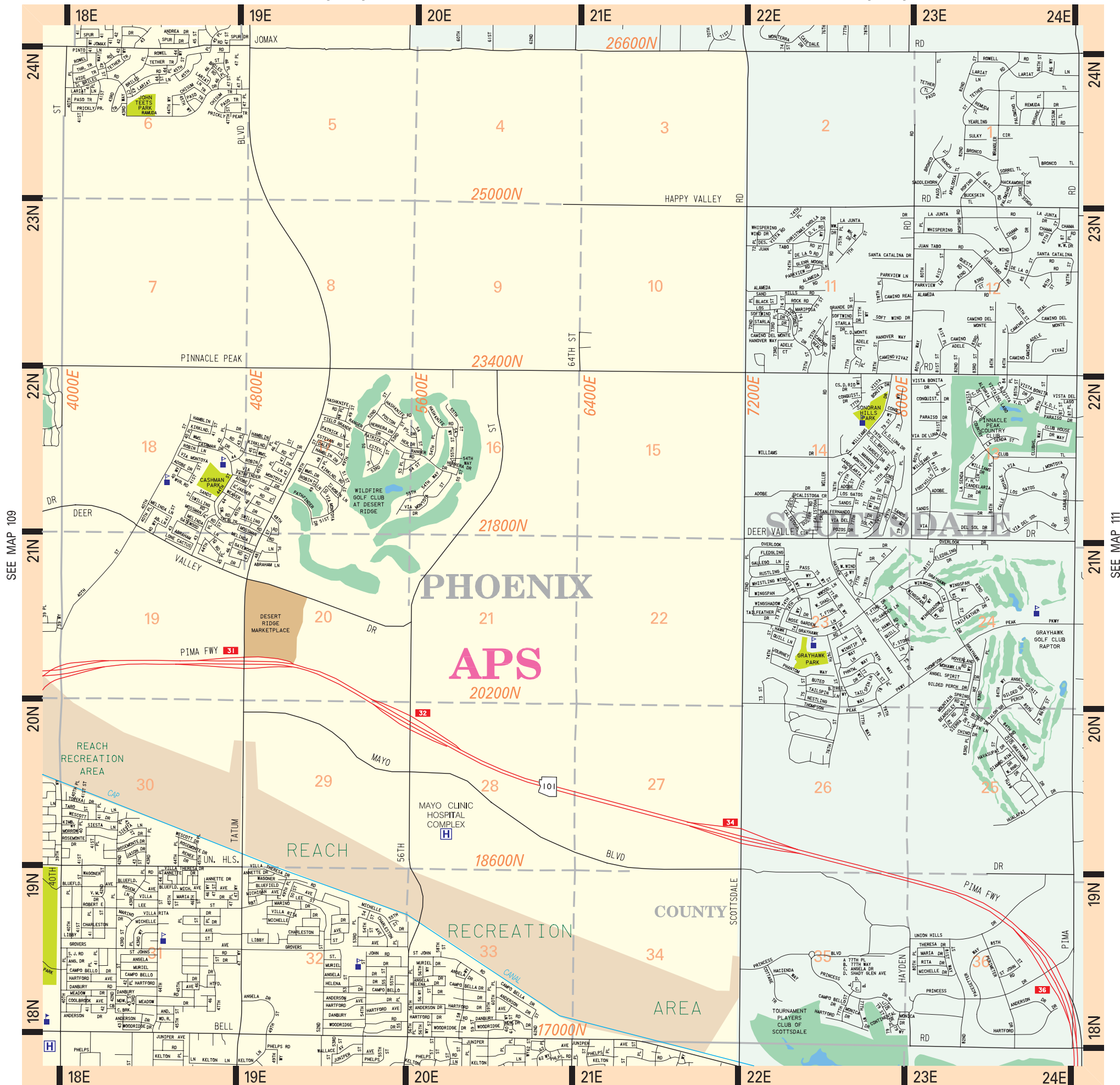


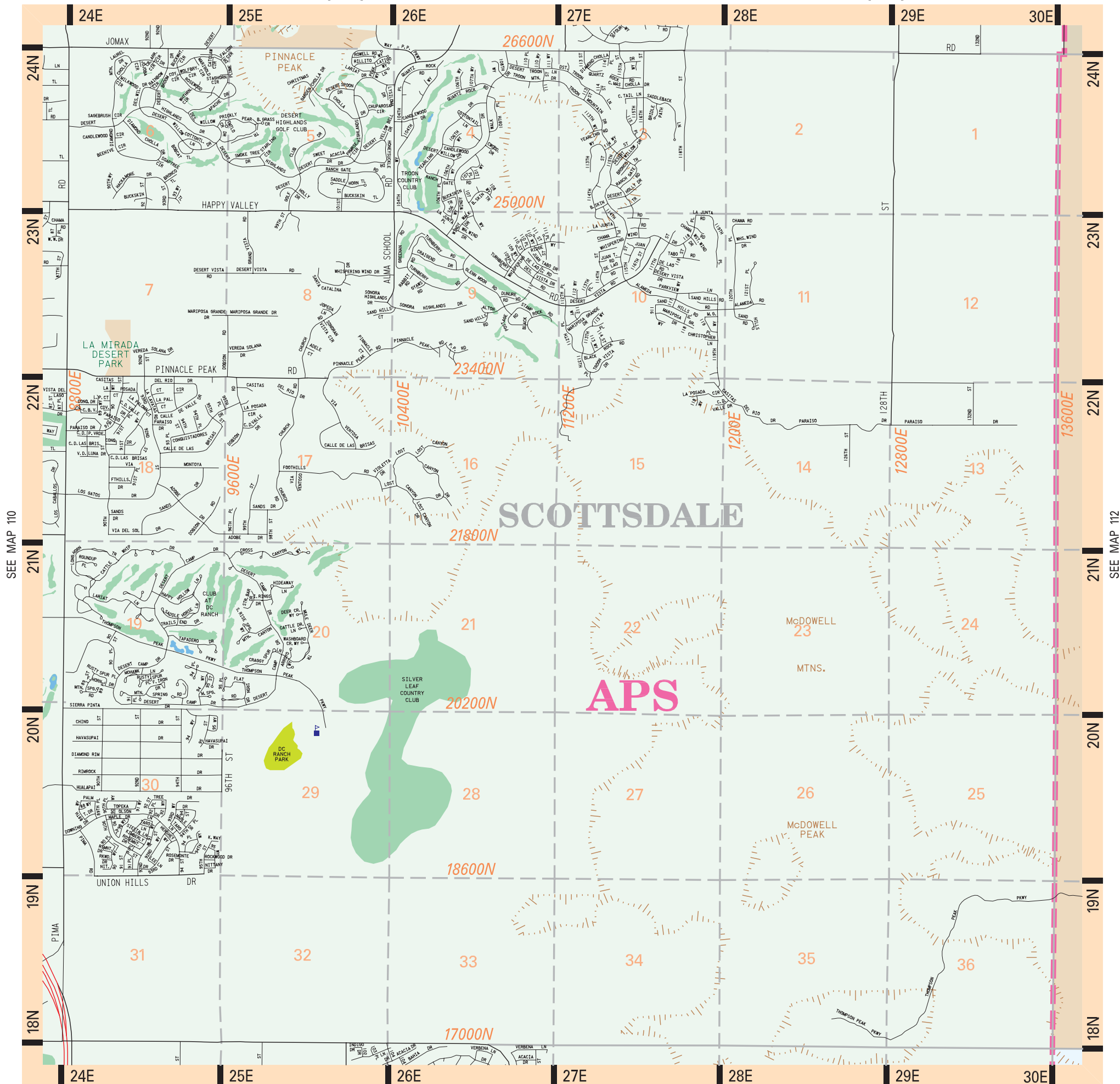






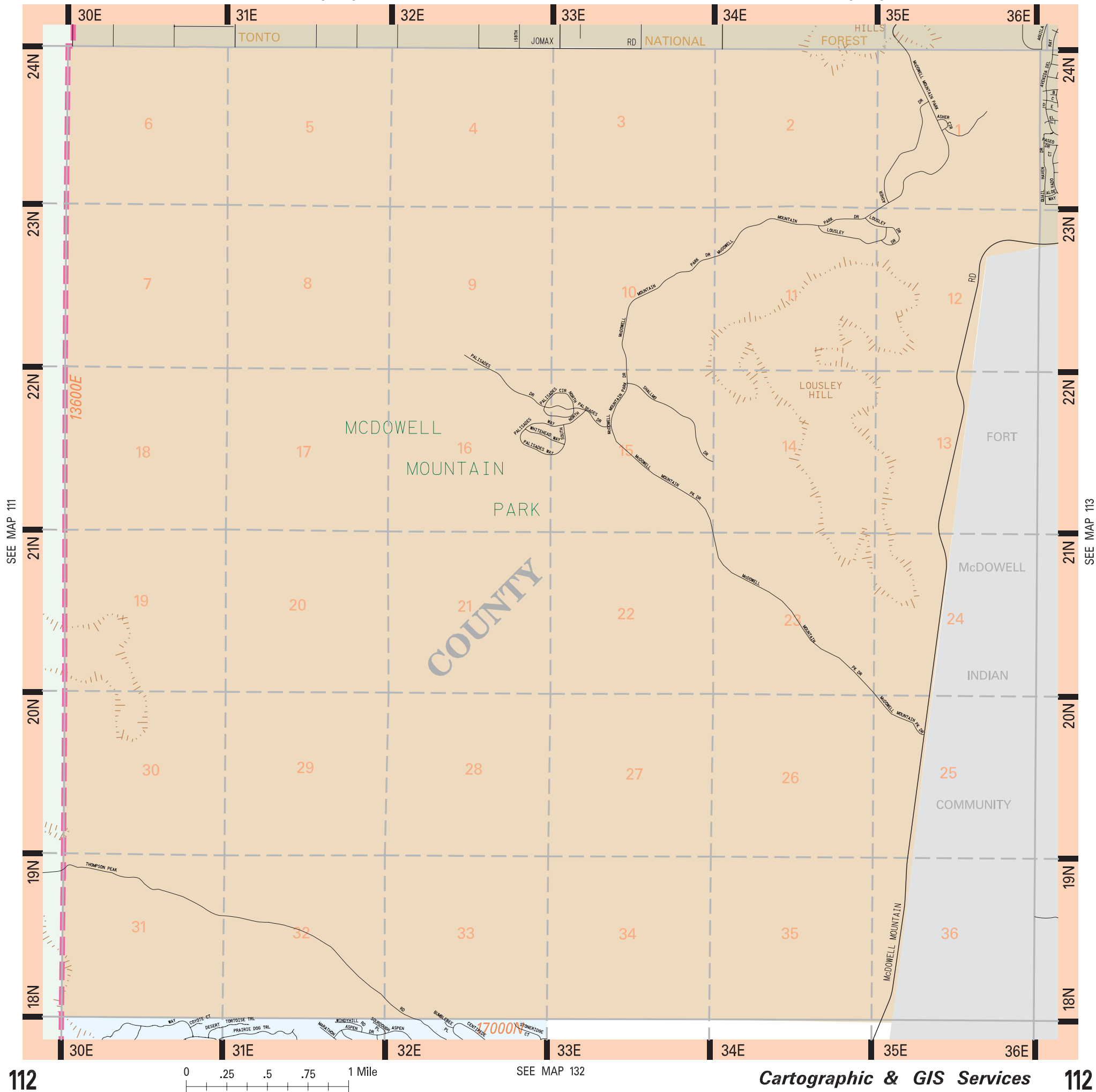


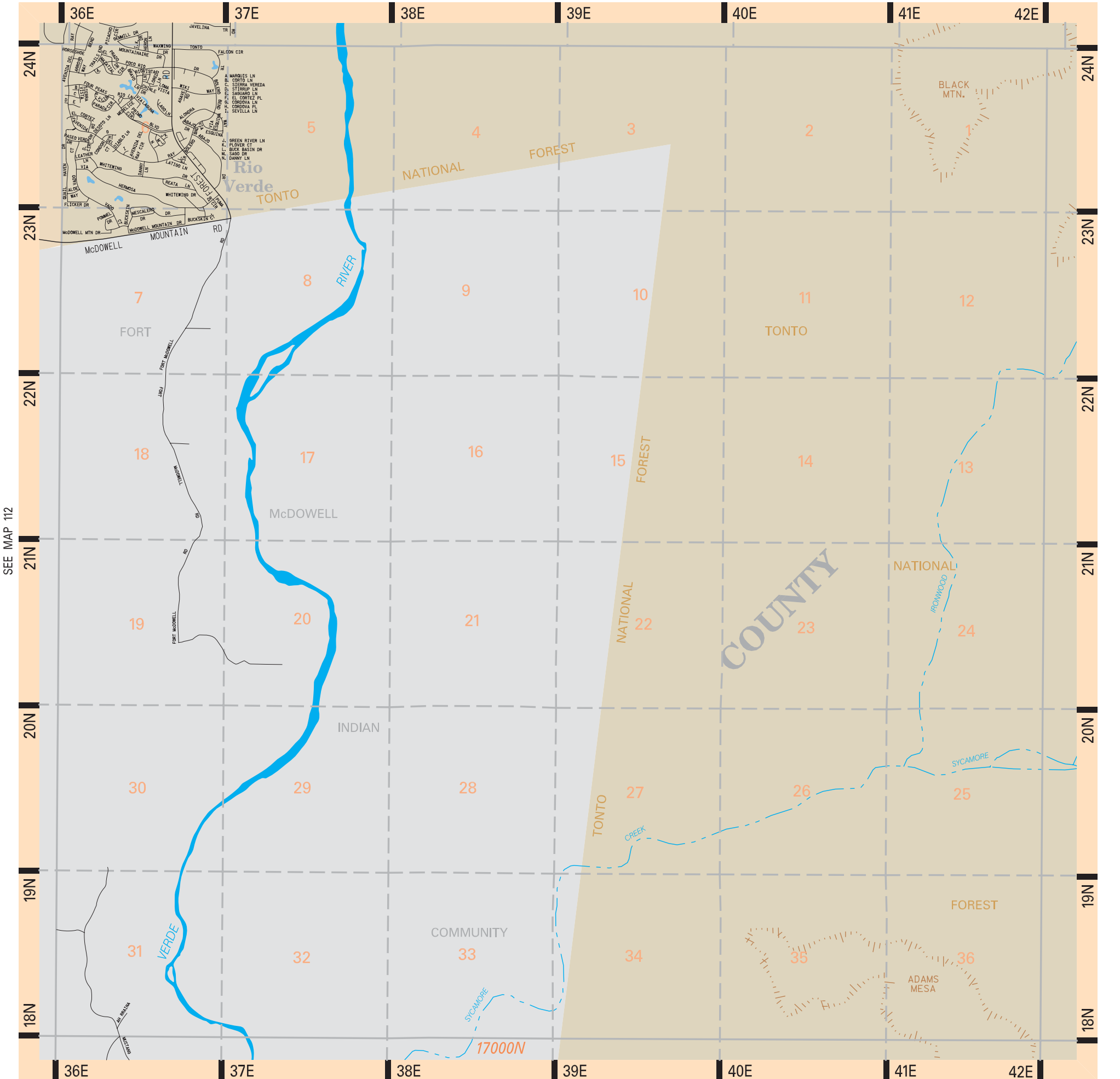


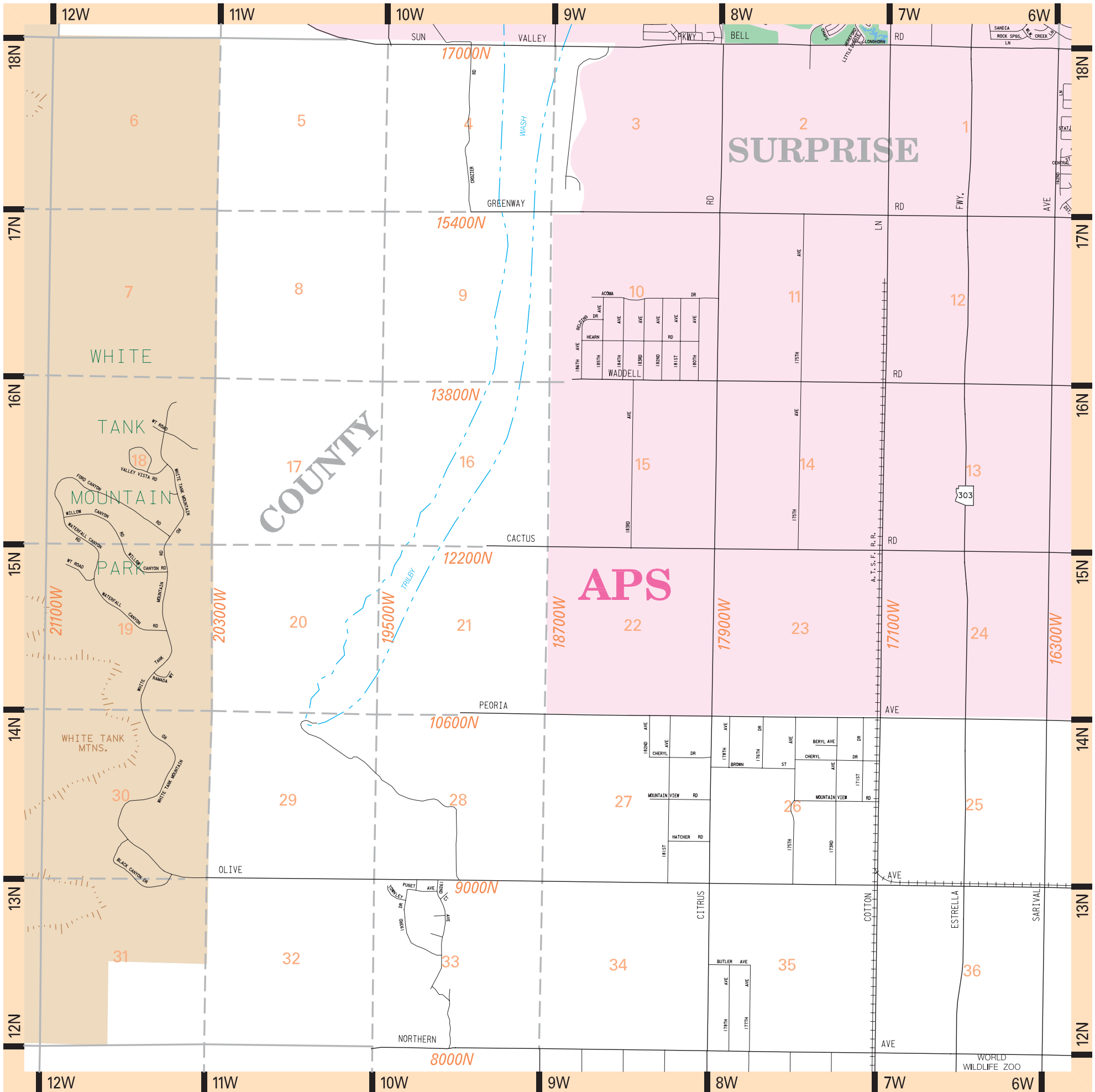


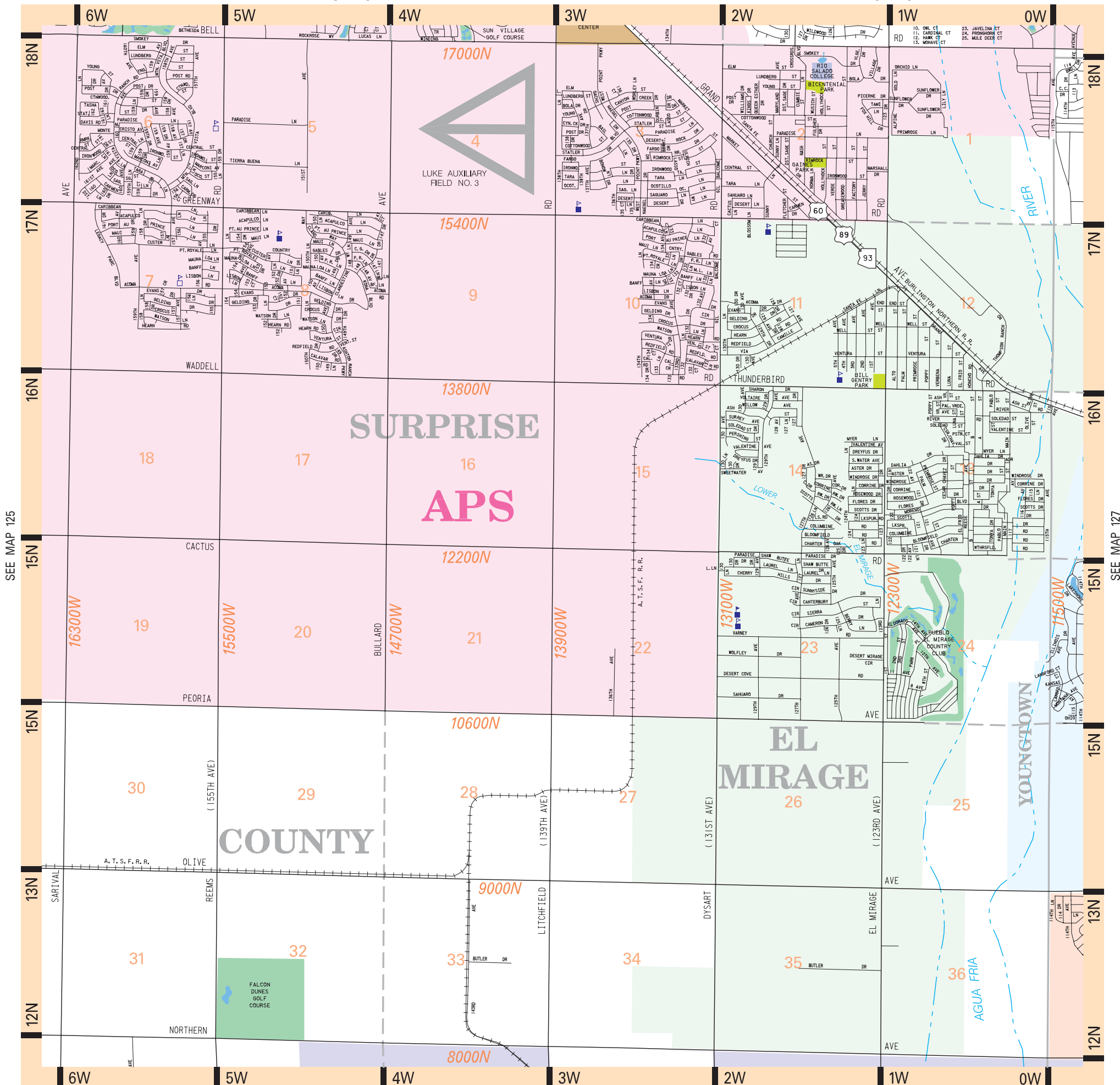
SEE MAP 110

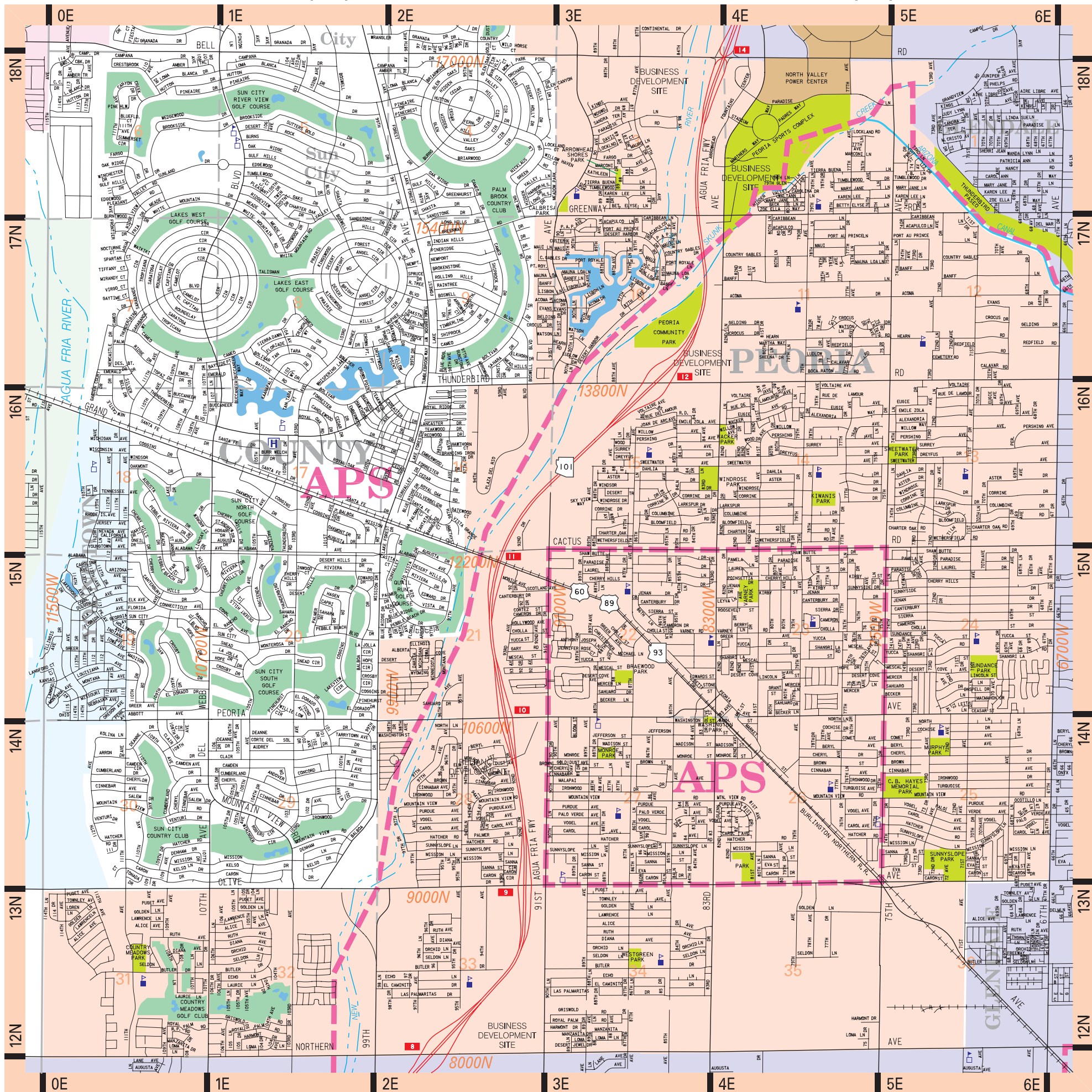
SEE MAP 112

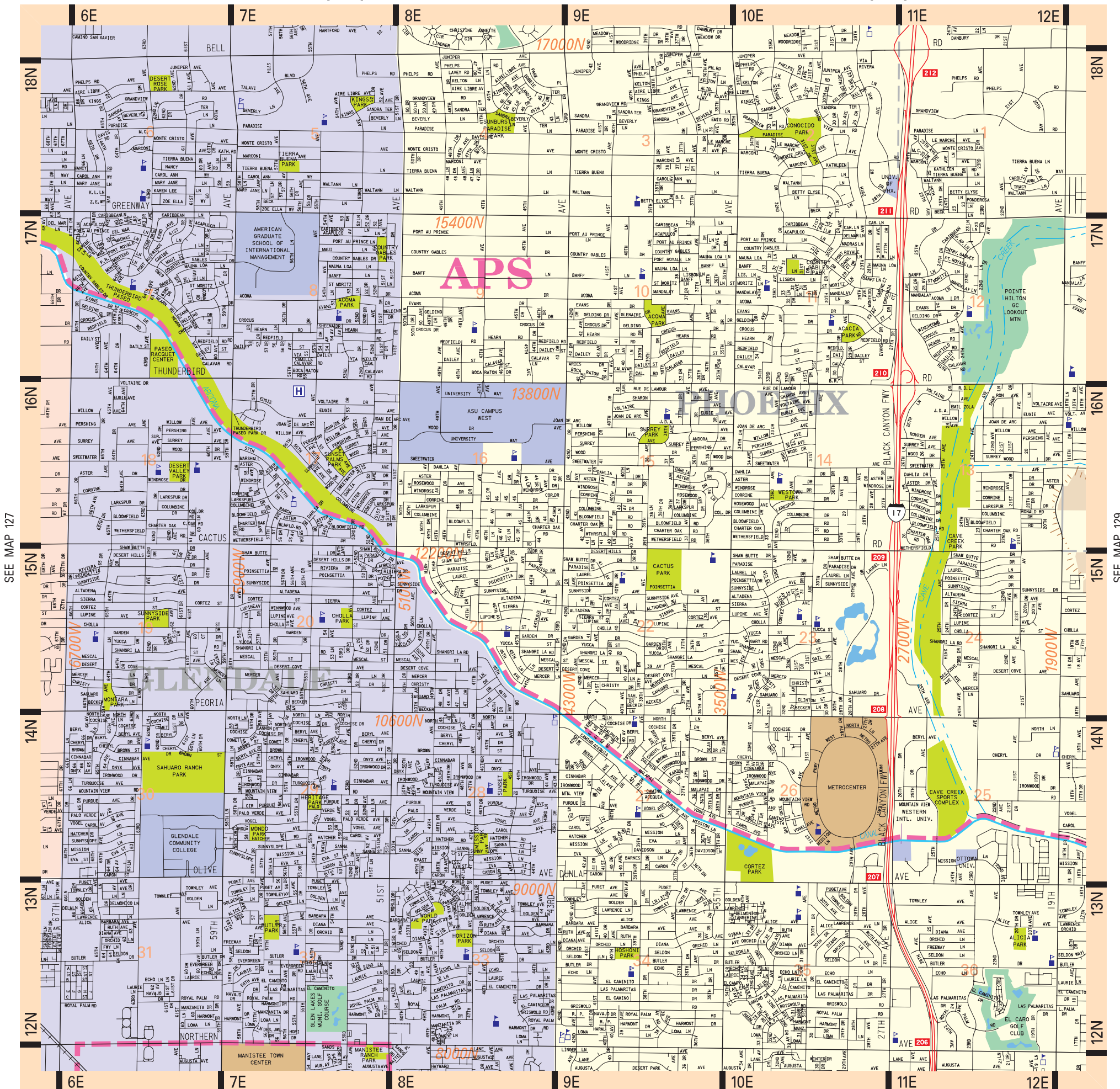




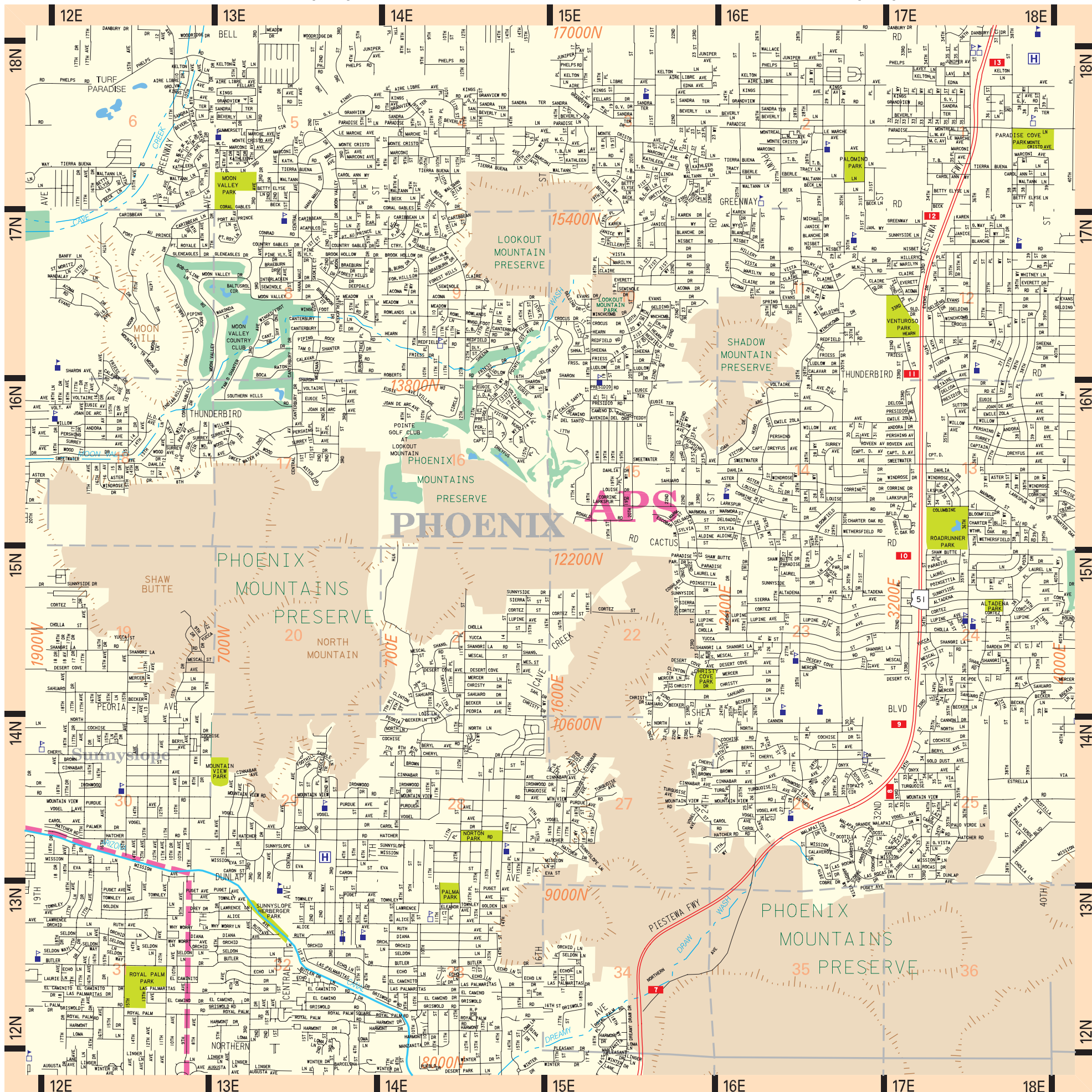


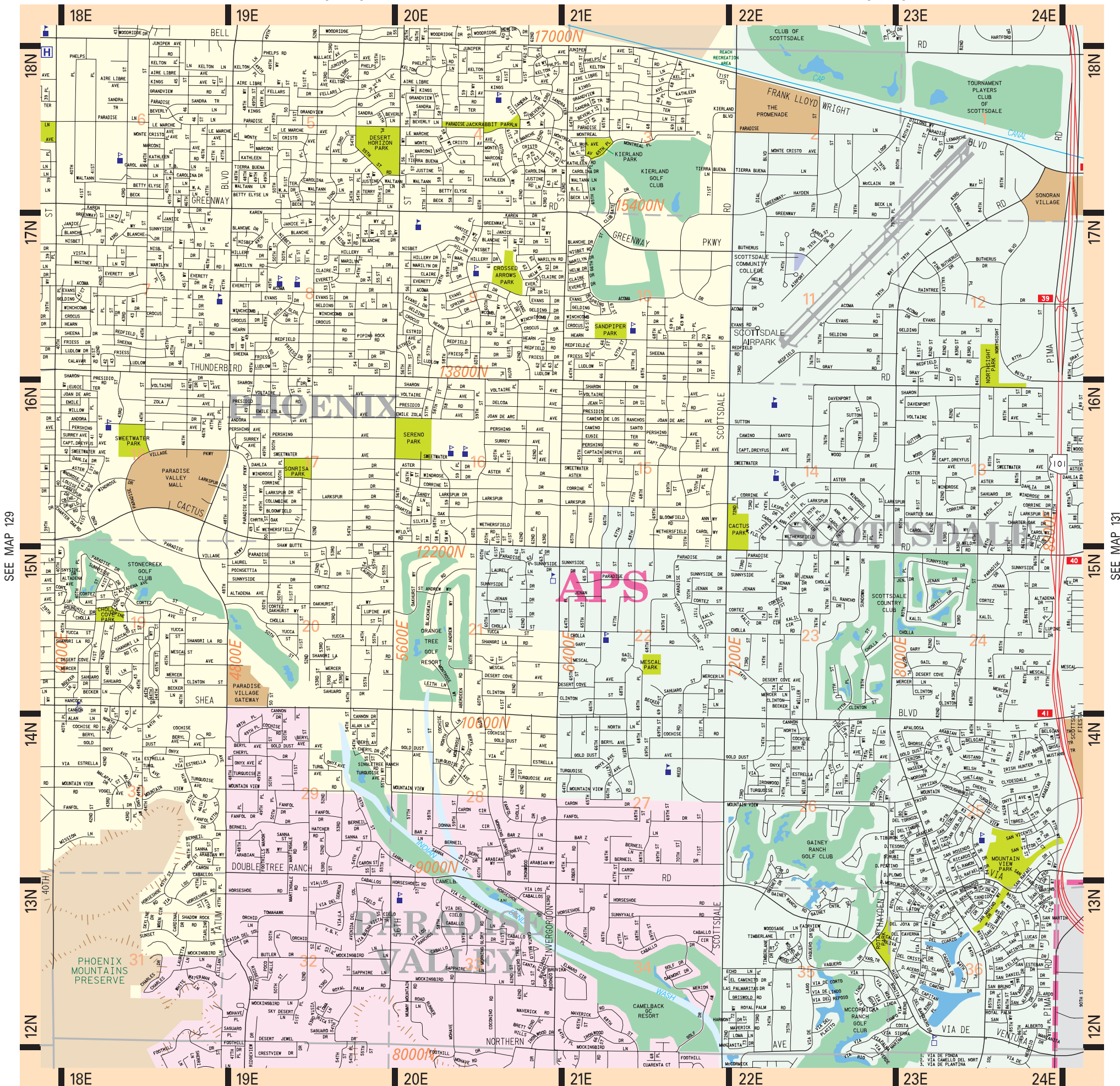




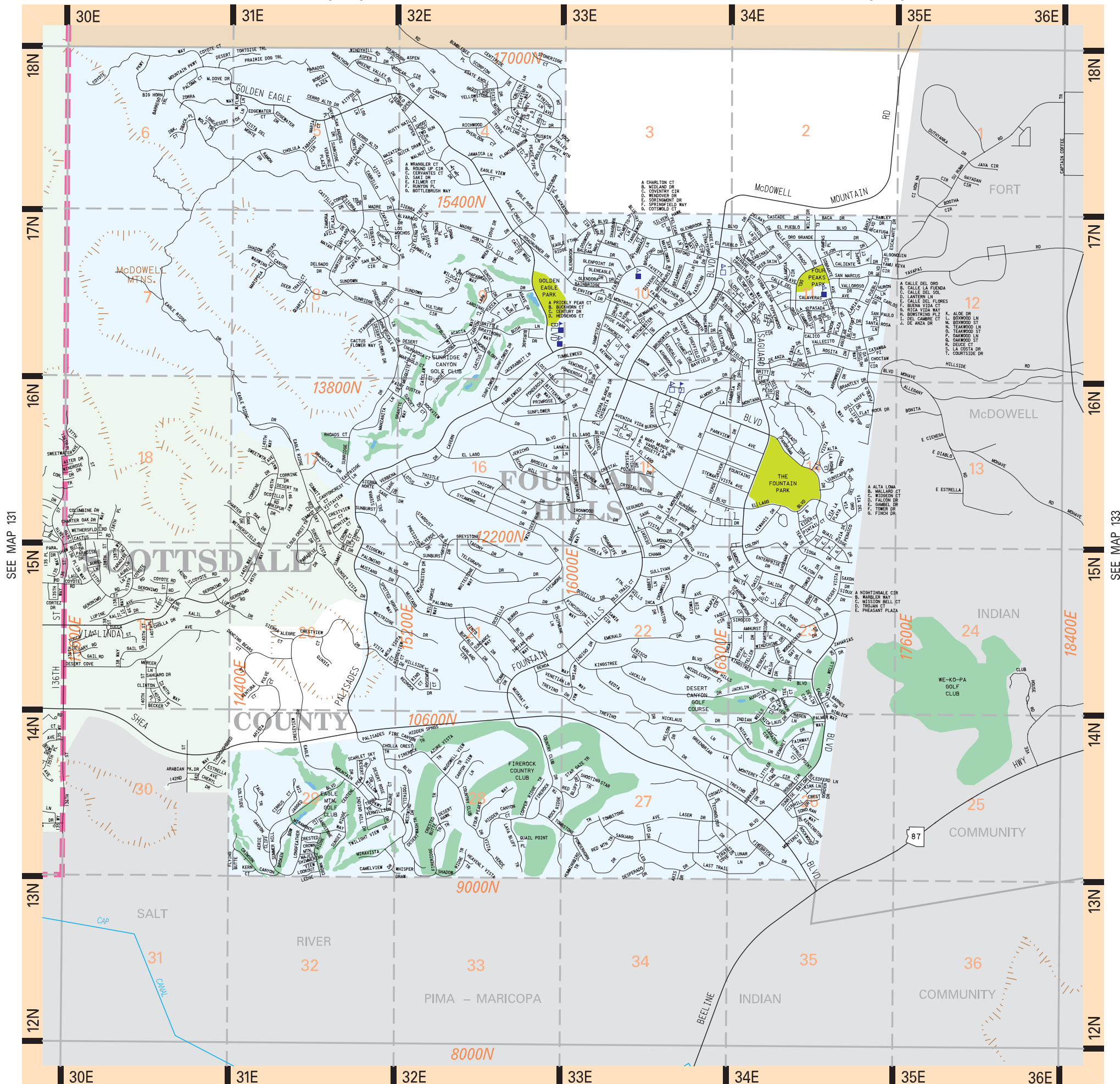


SEE MAP 128

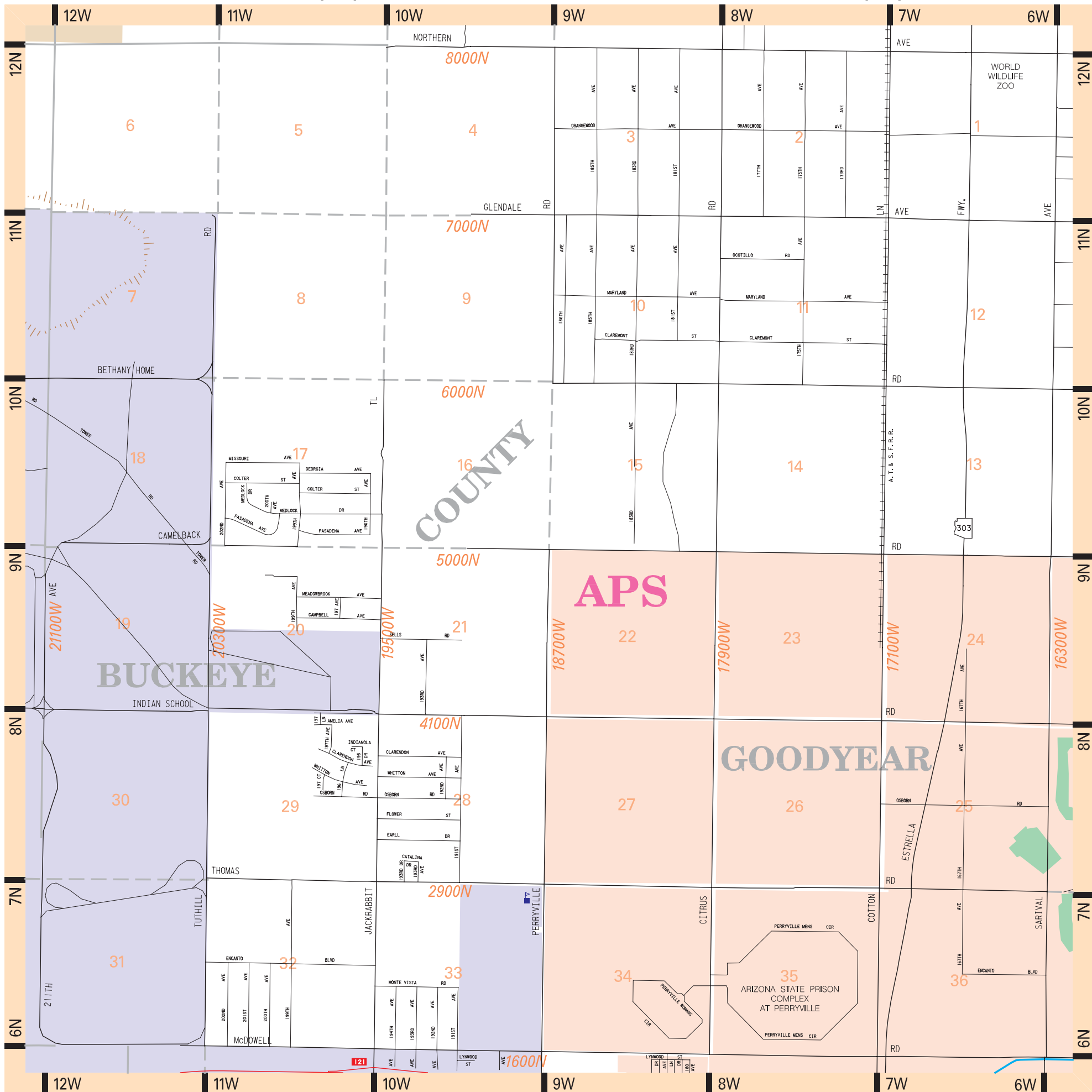


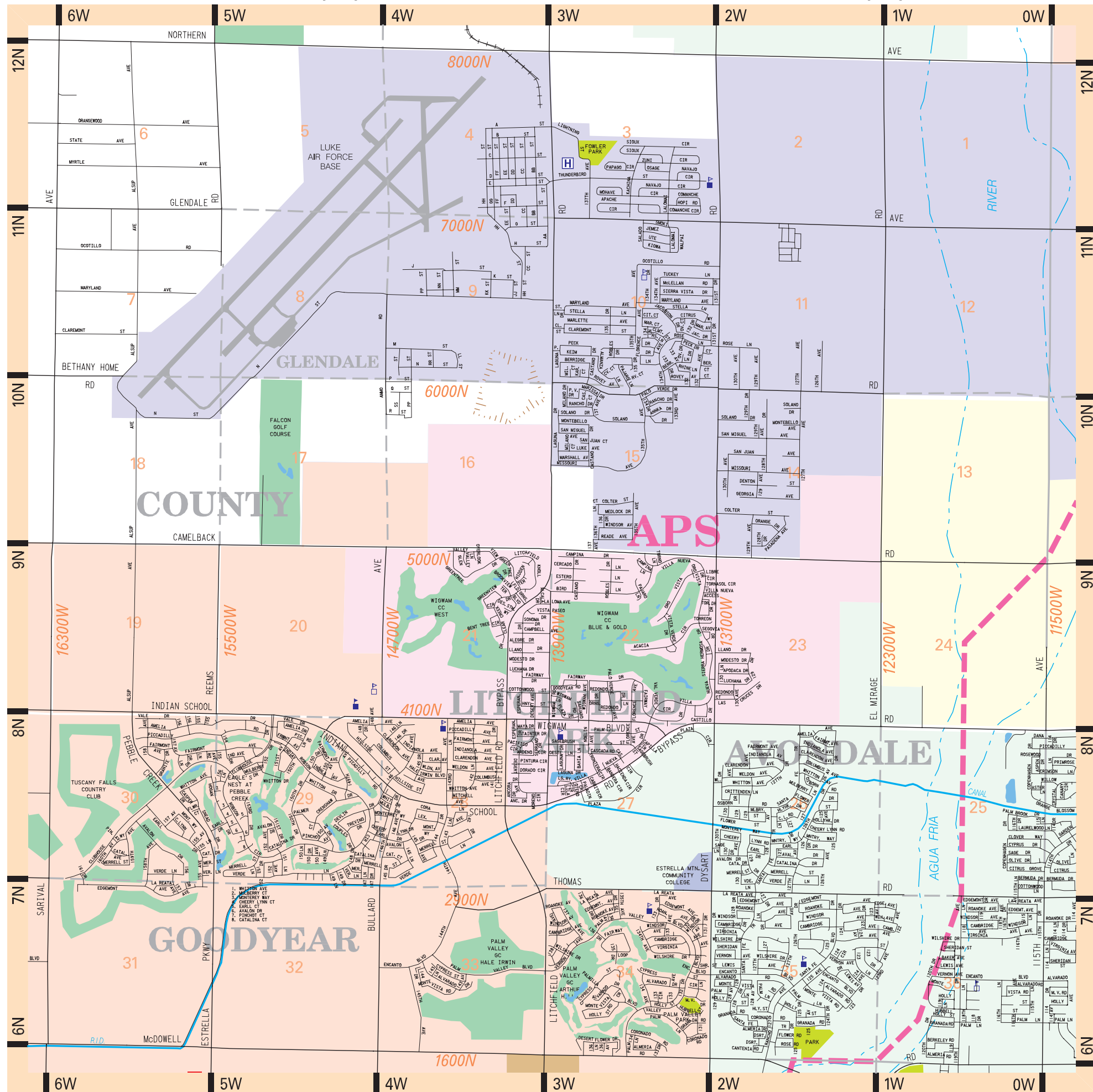


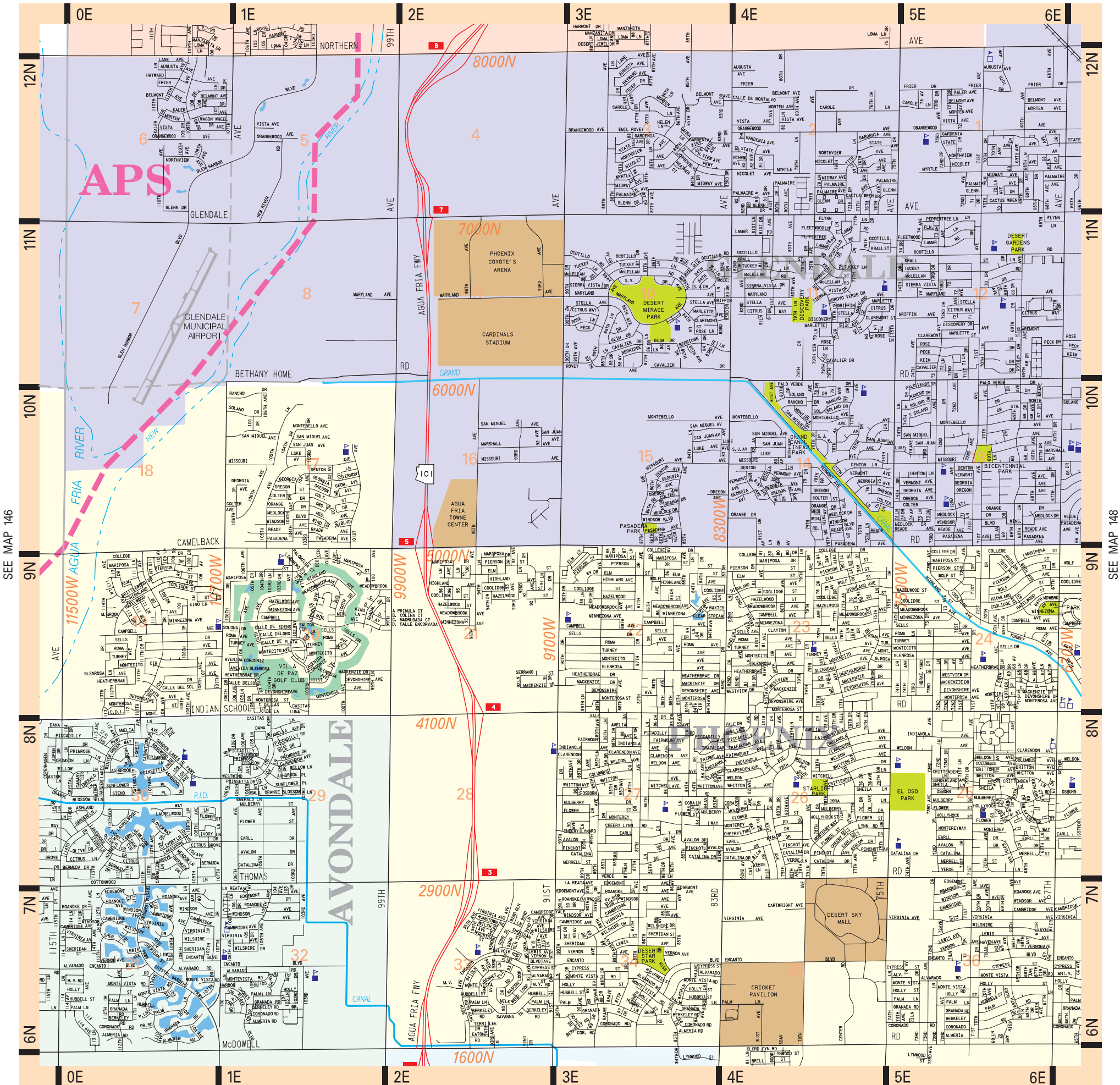






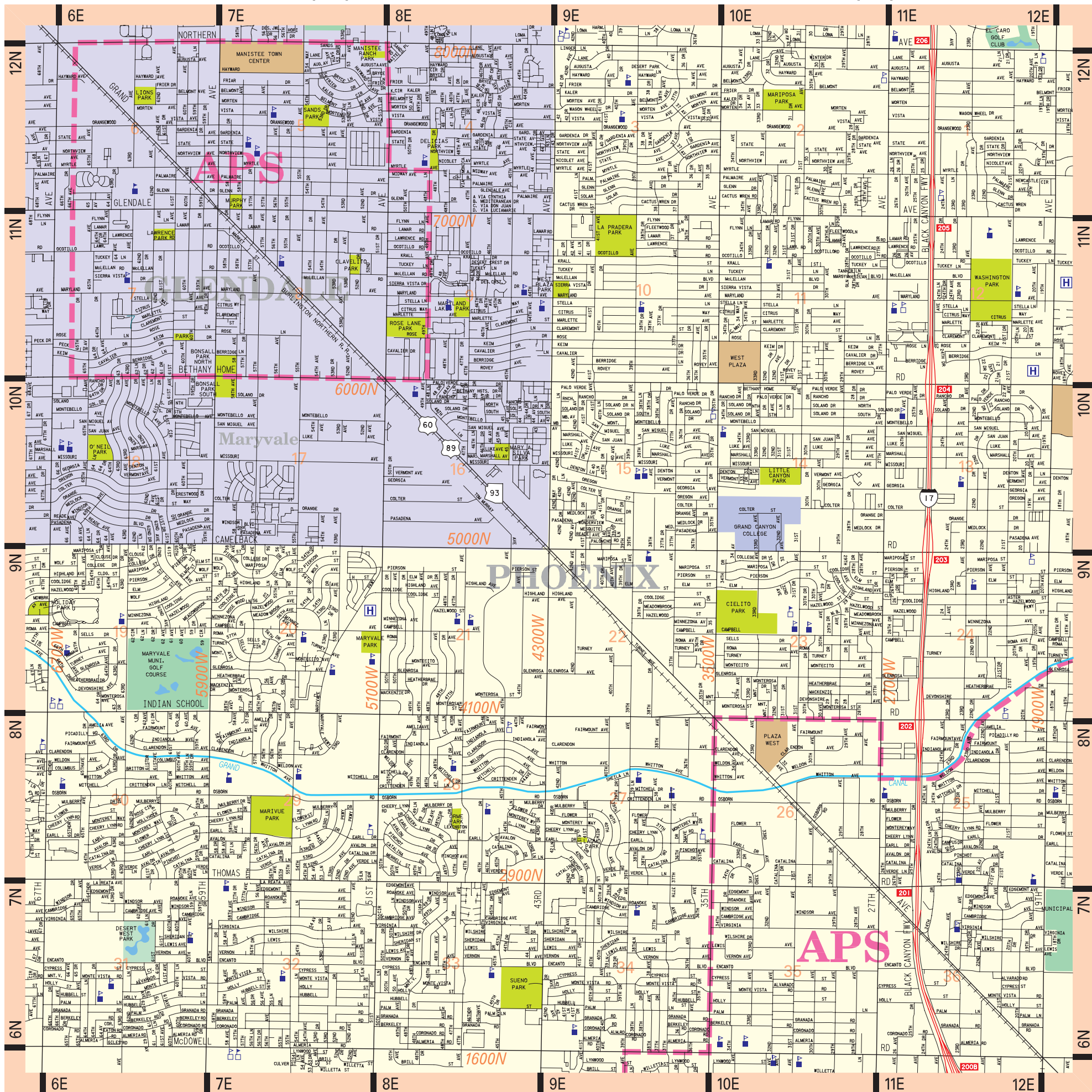


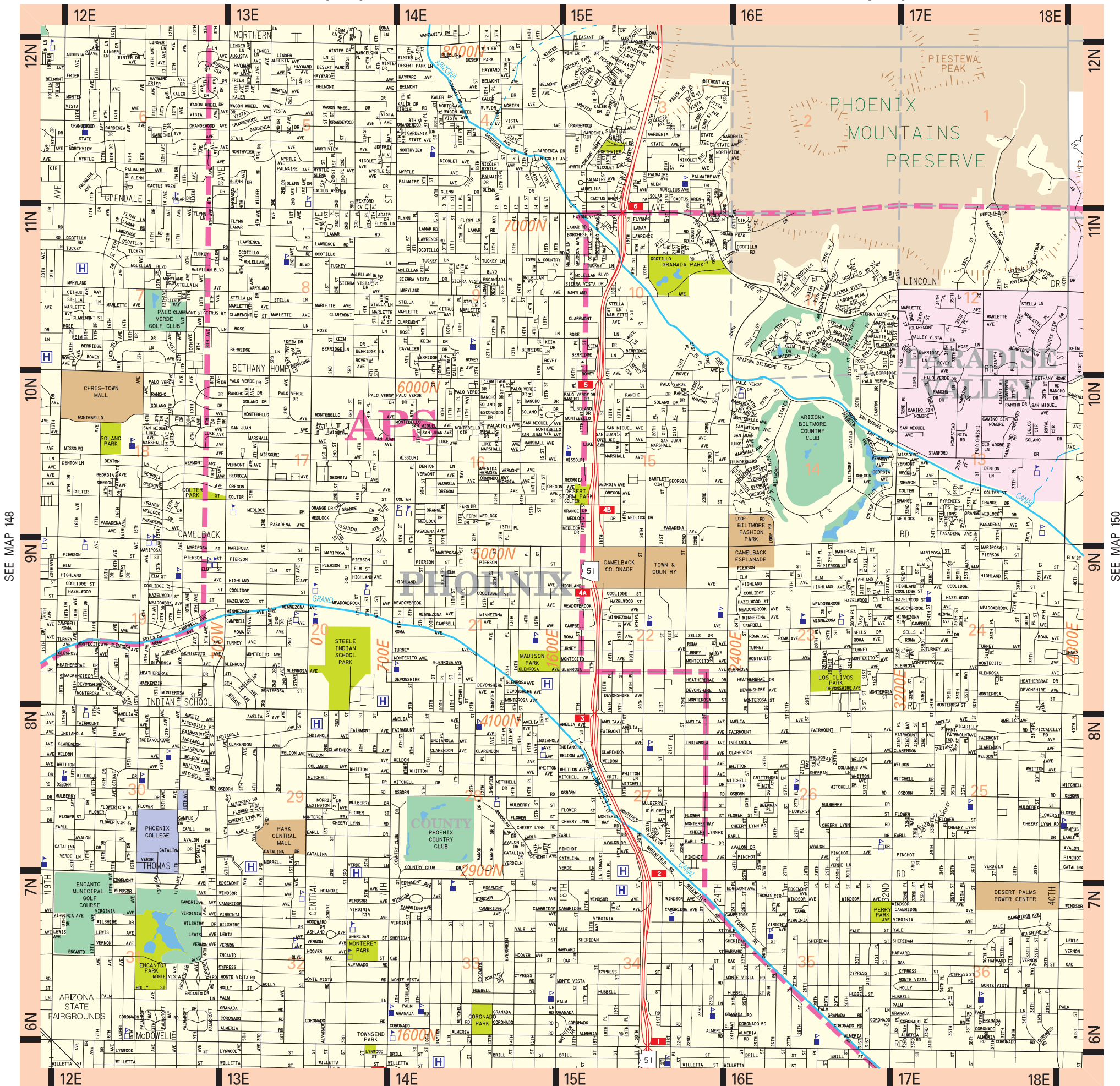


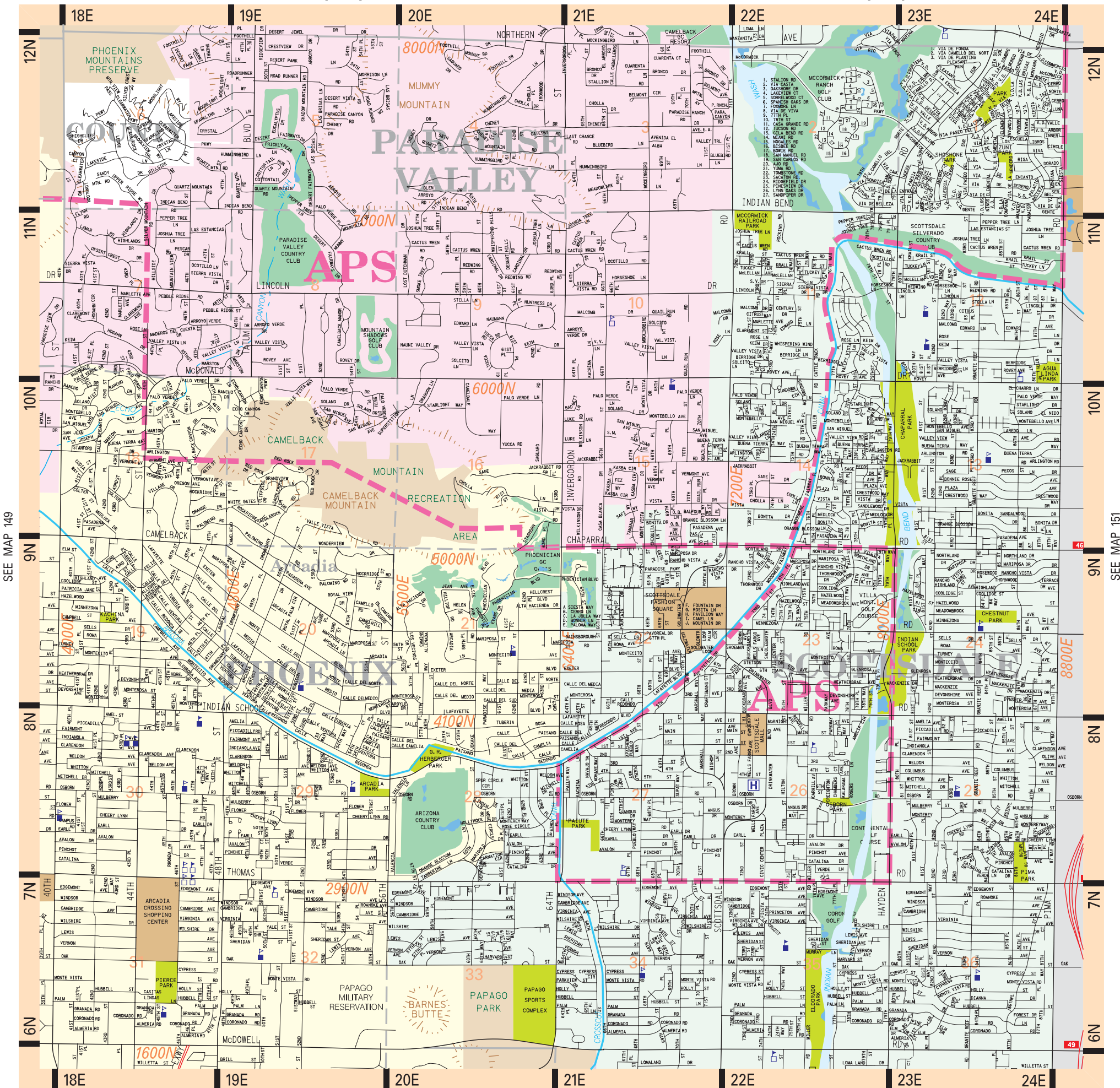


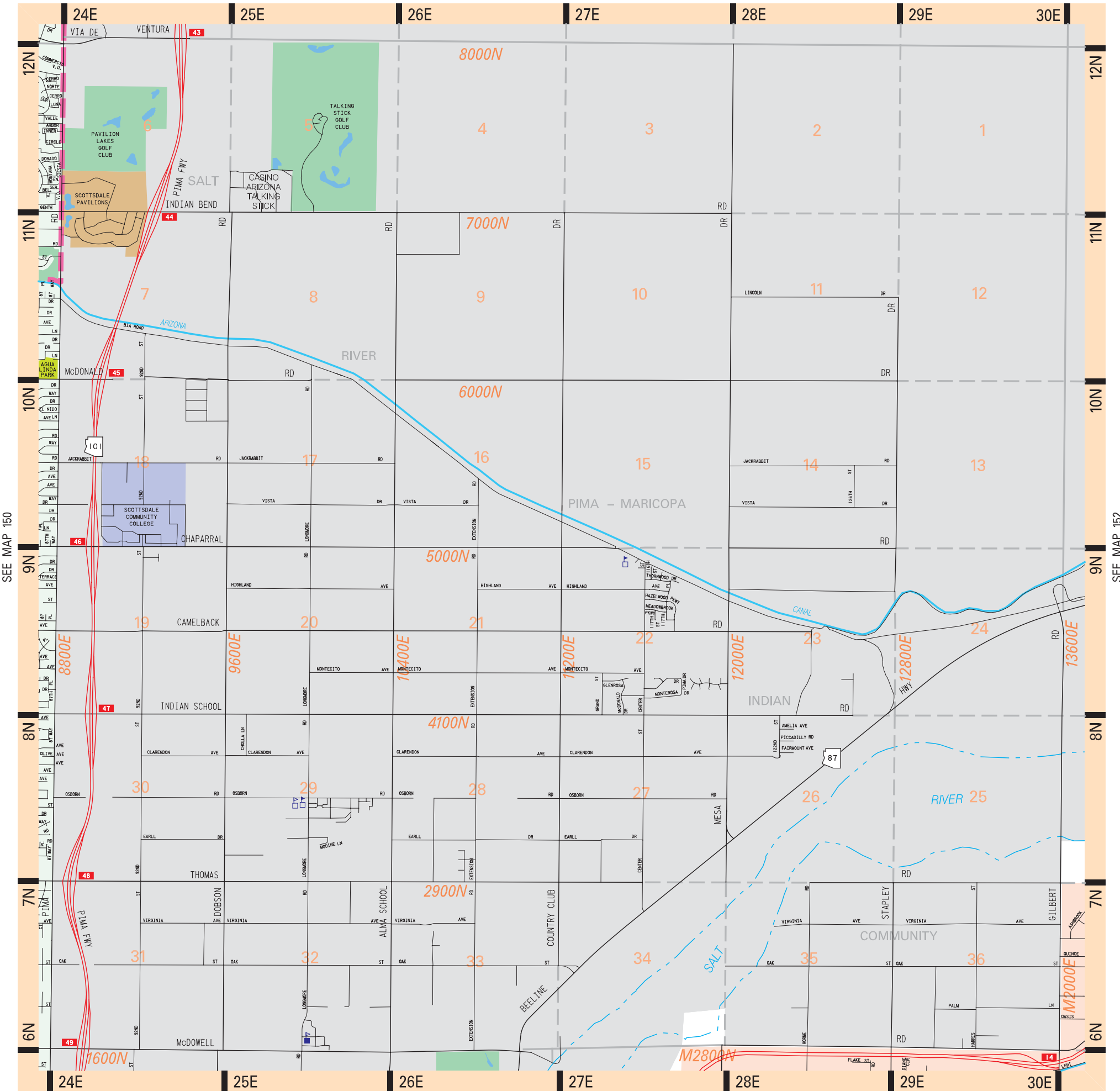
SEE MAP 147

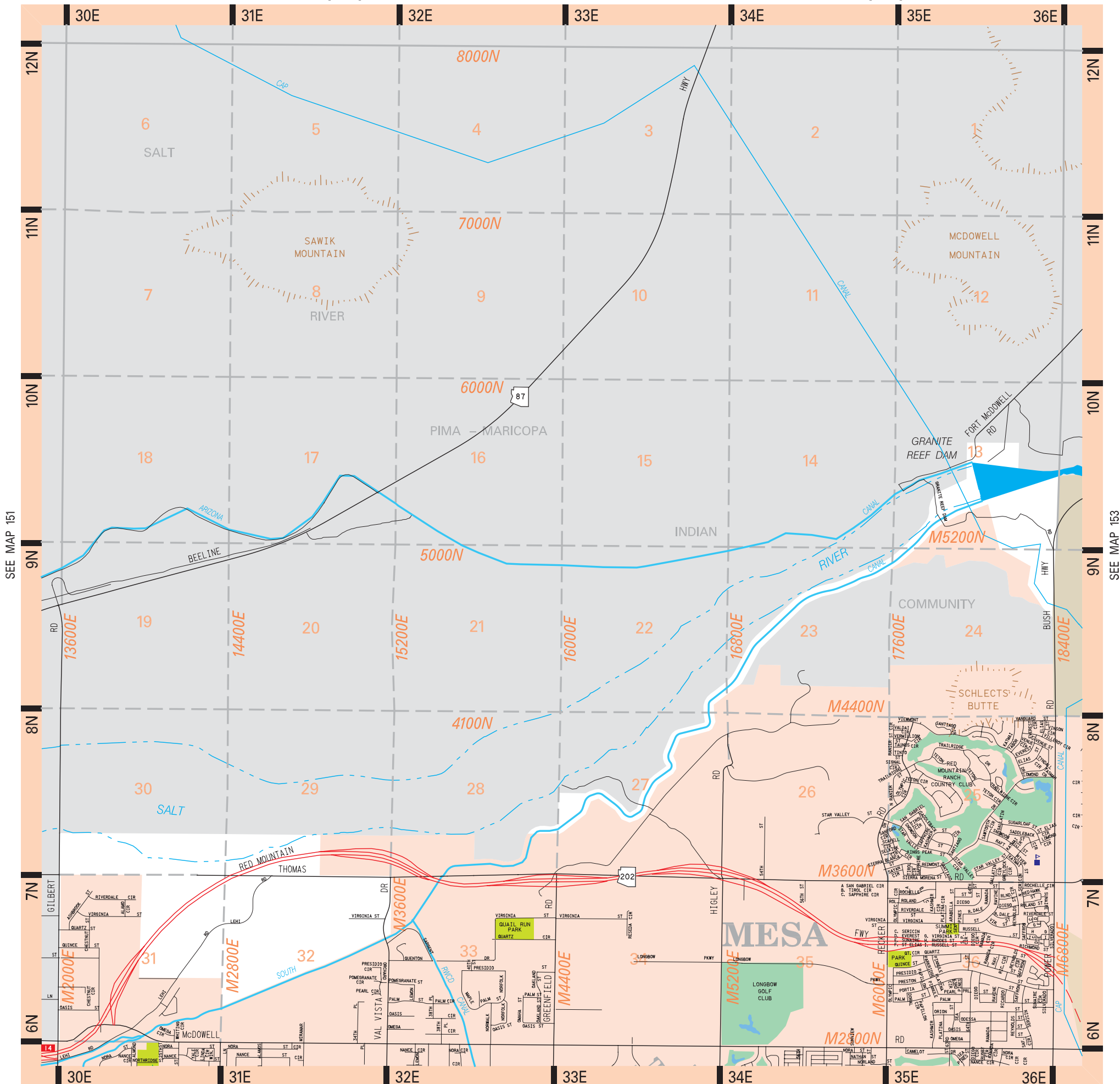
SEE MAP 149

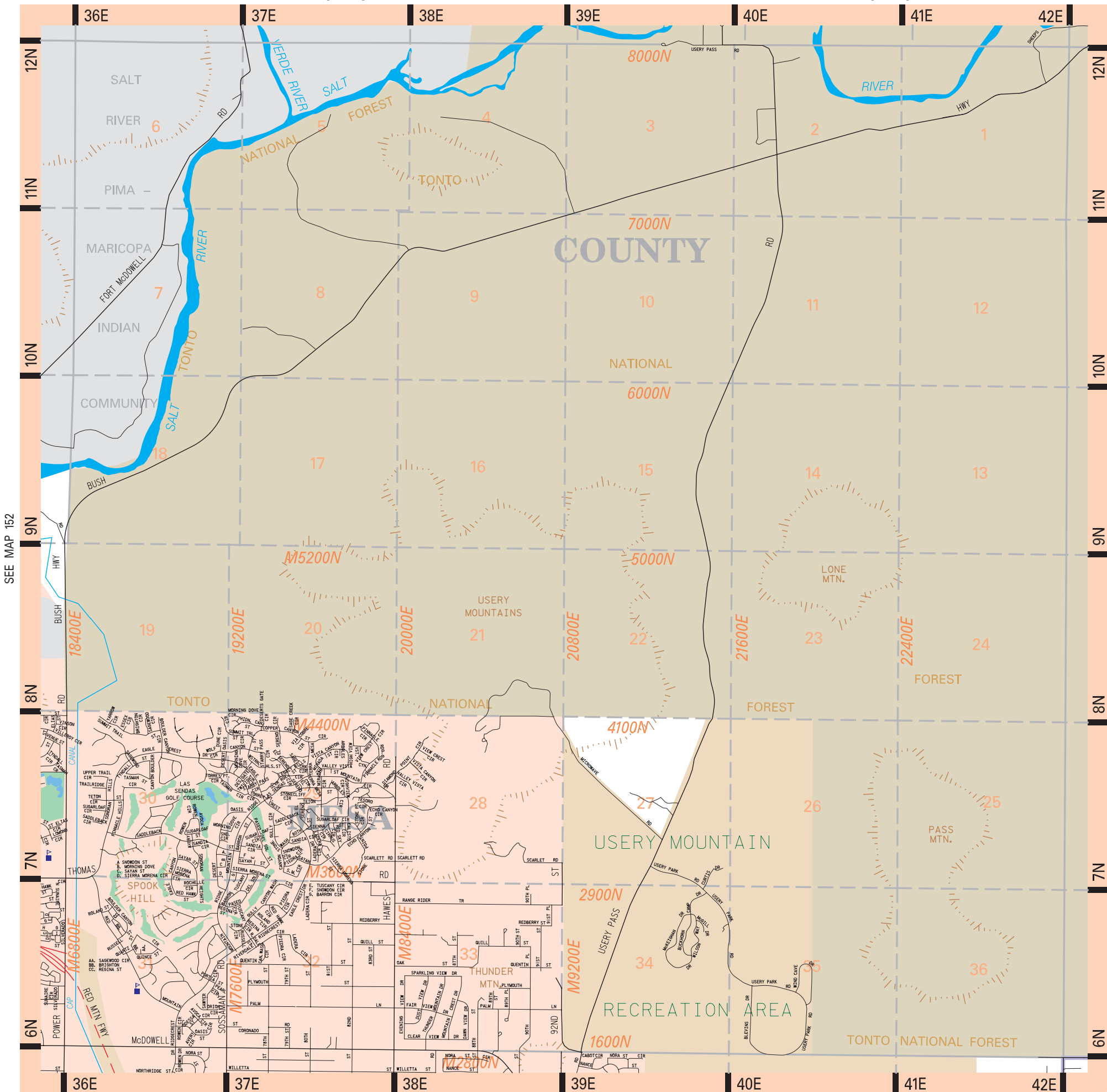




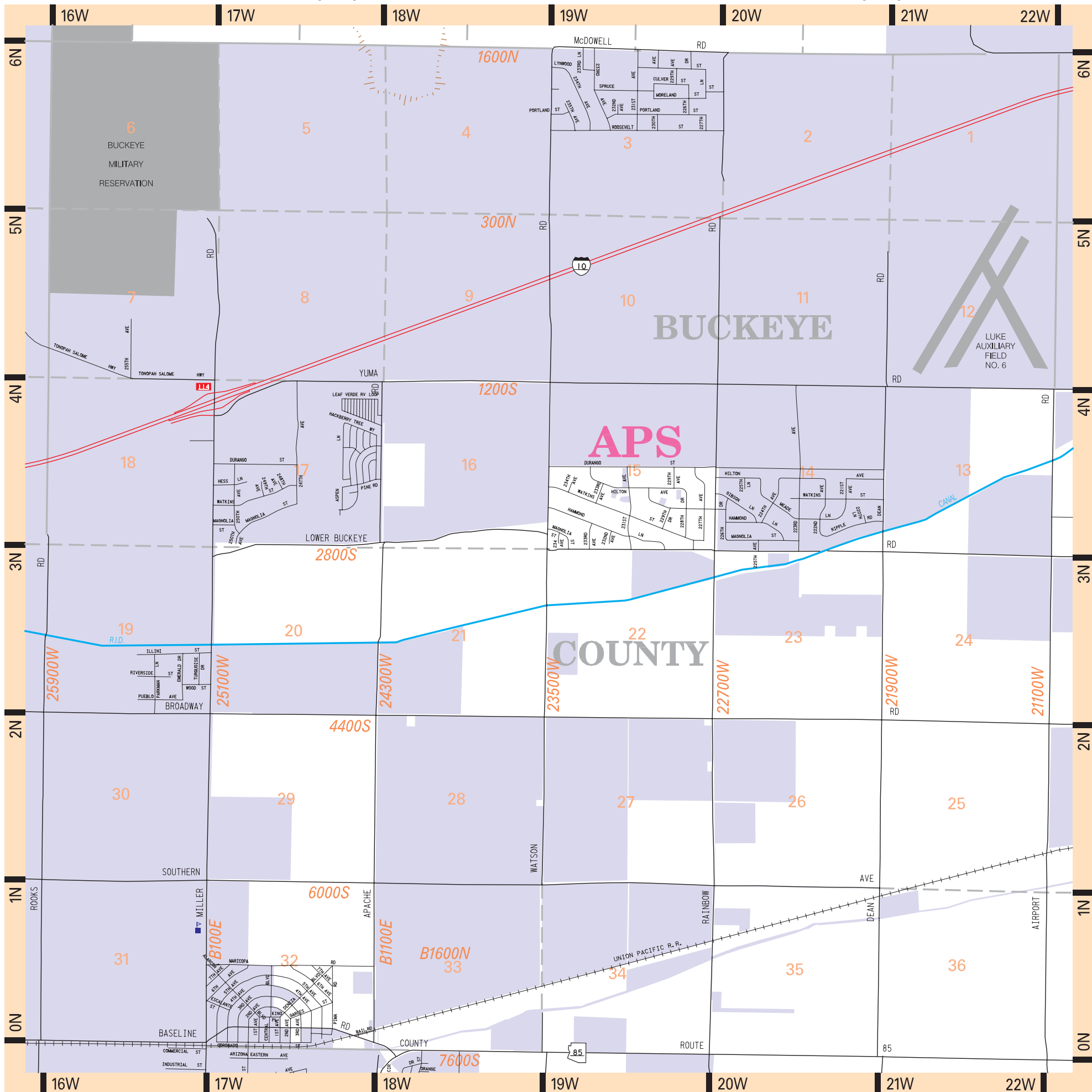




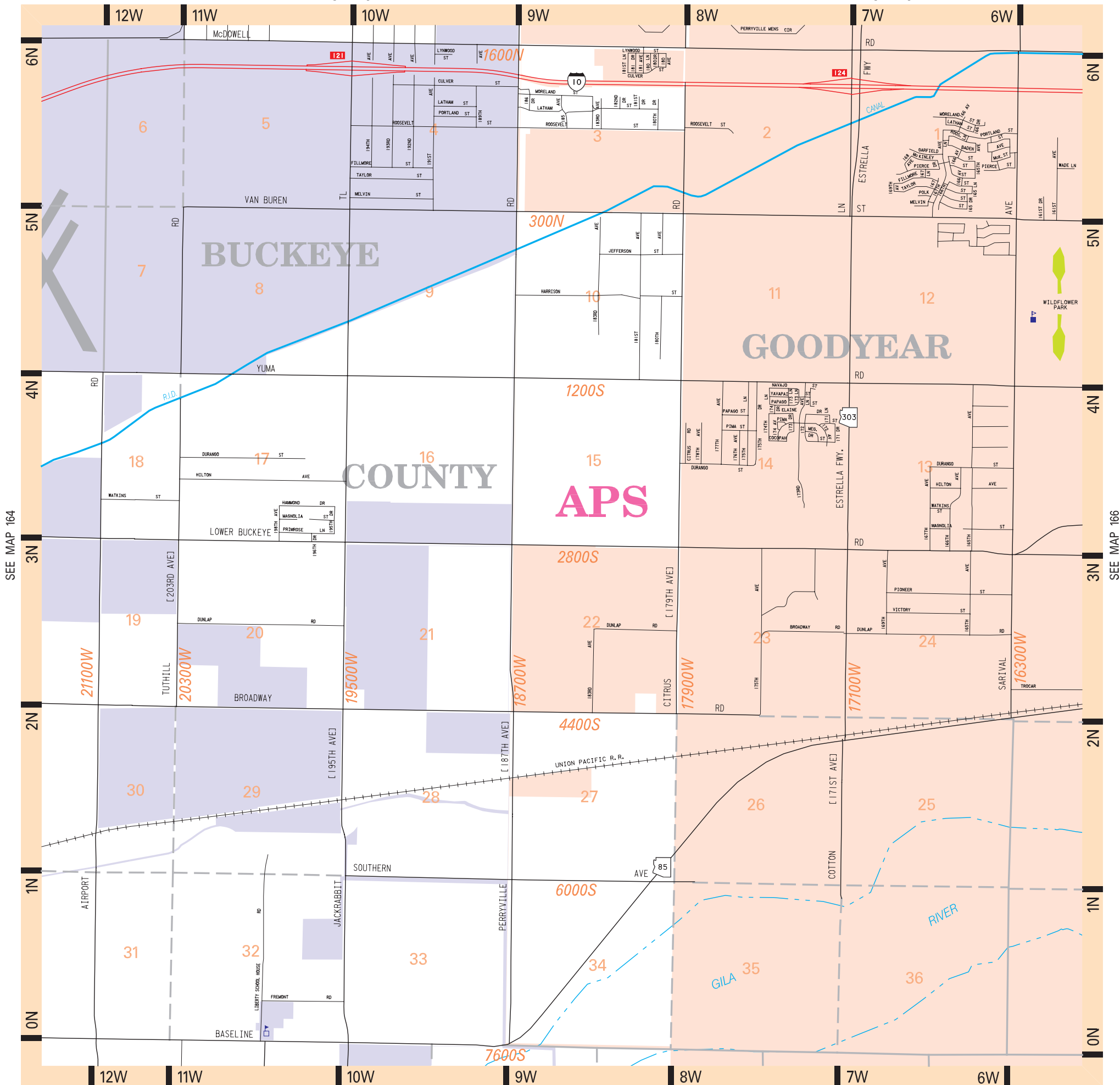


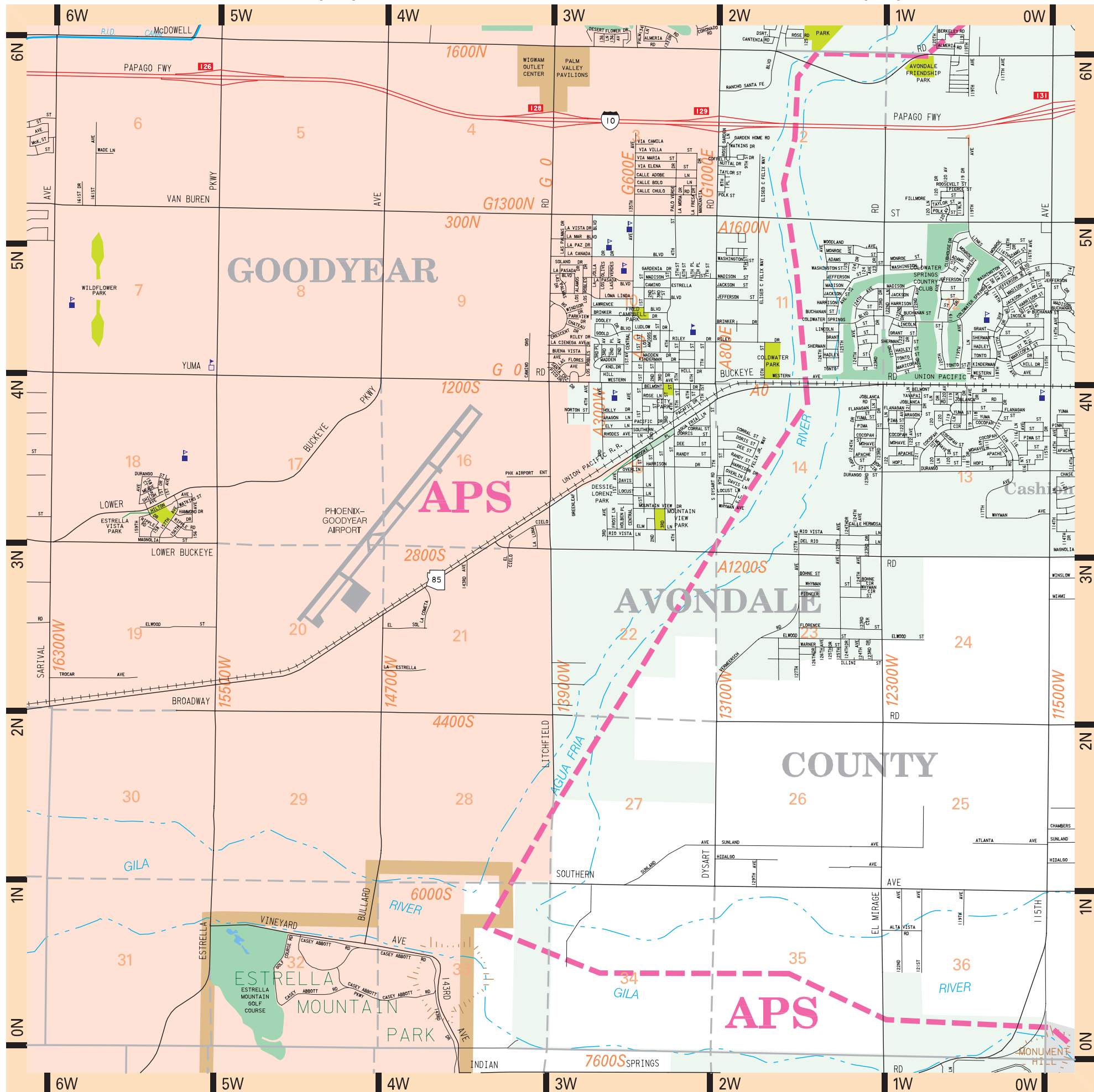


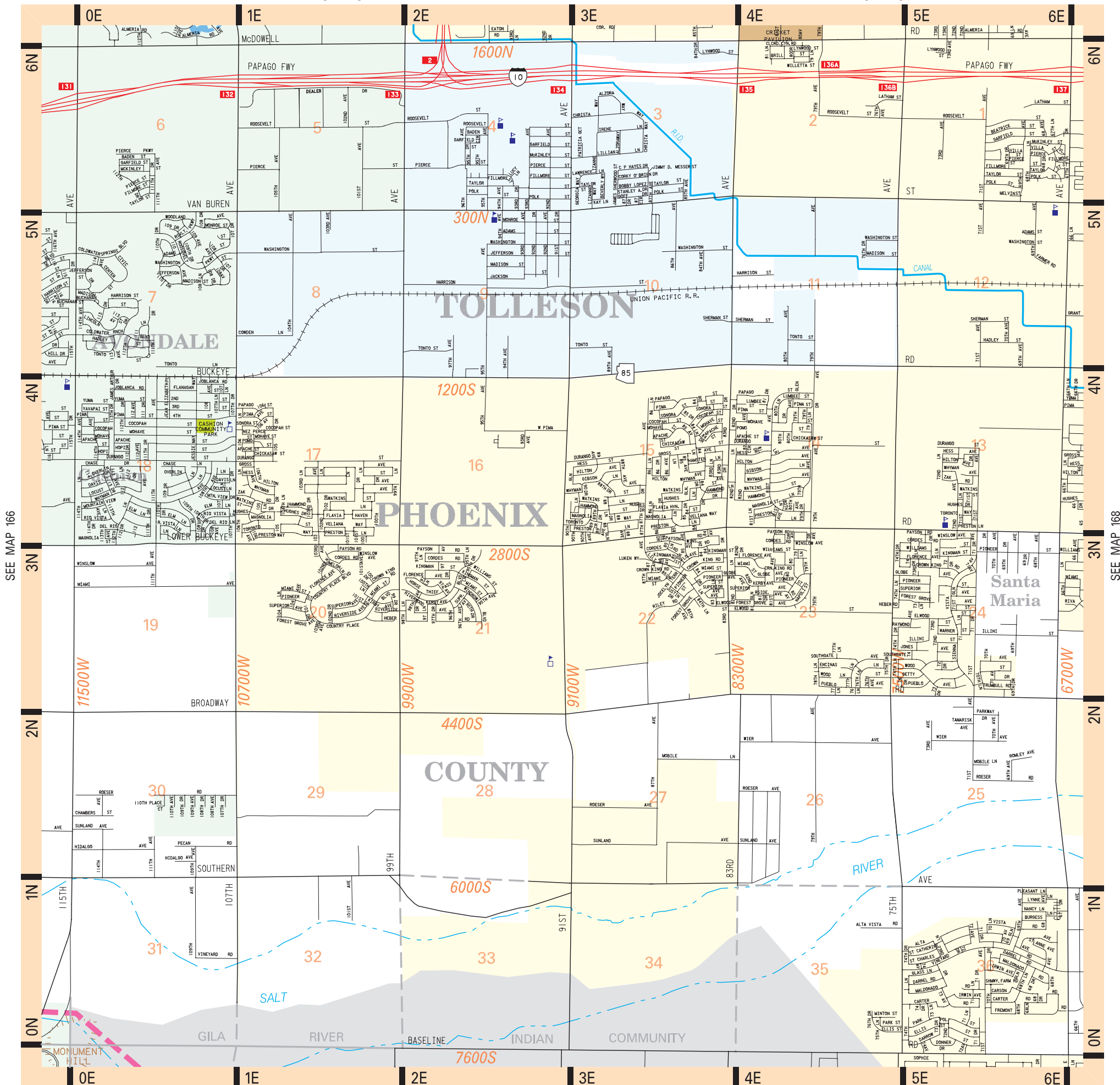
SEE MAP 152

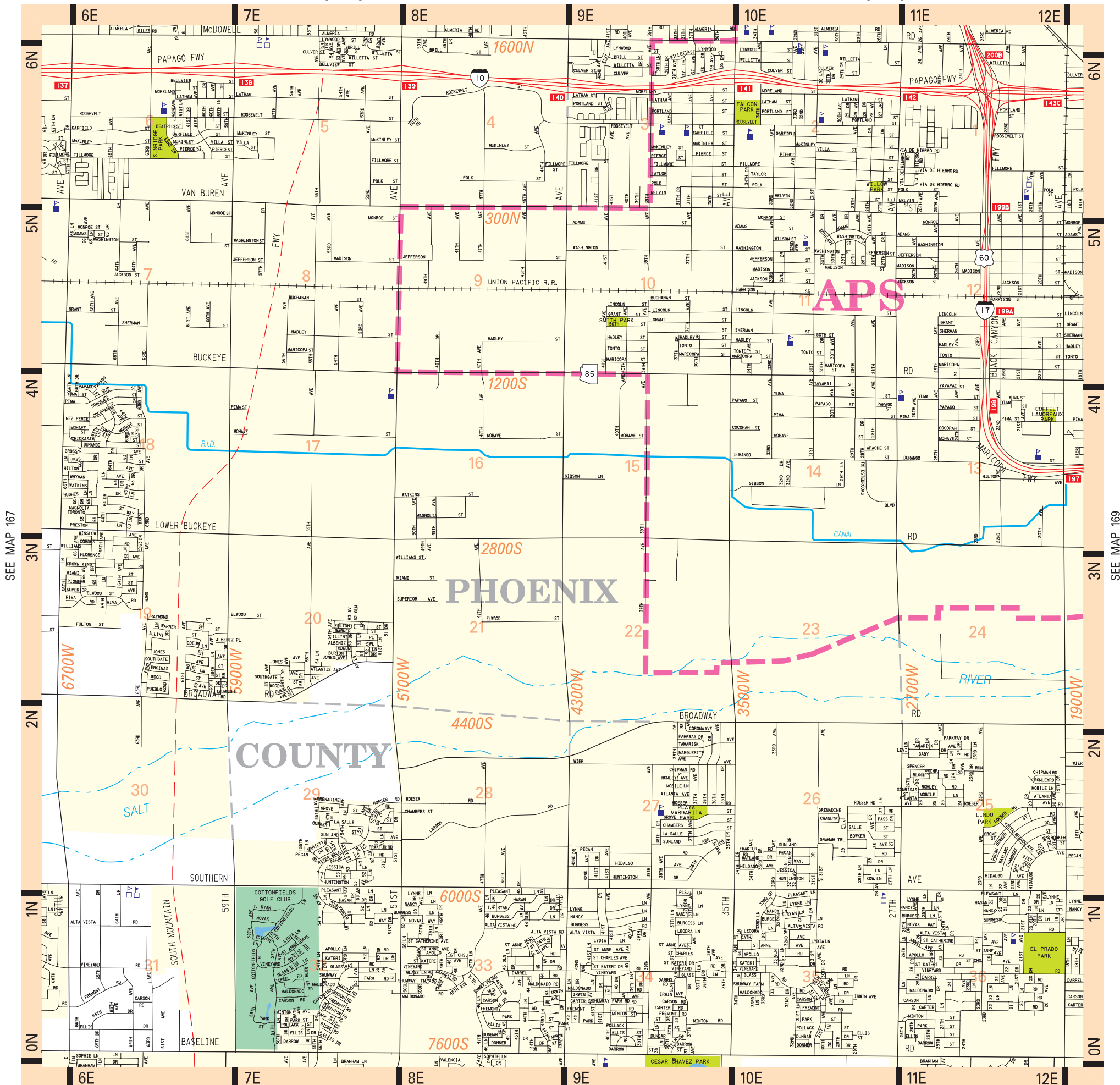


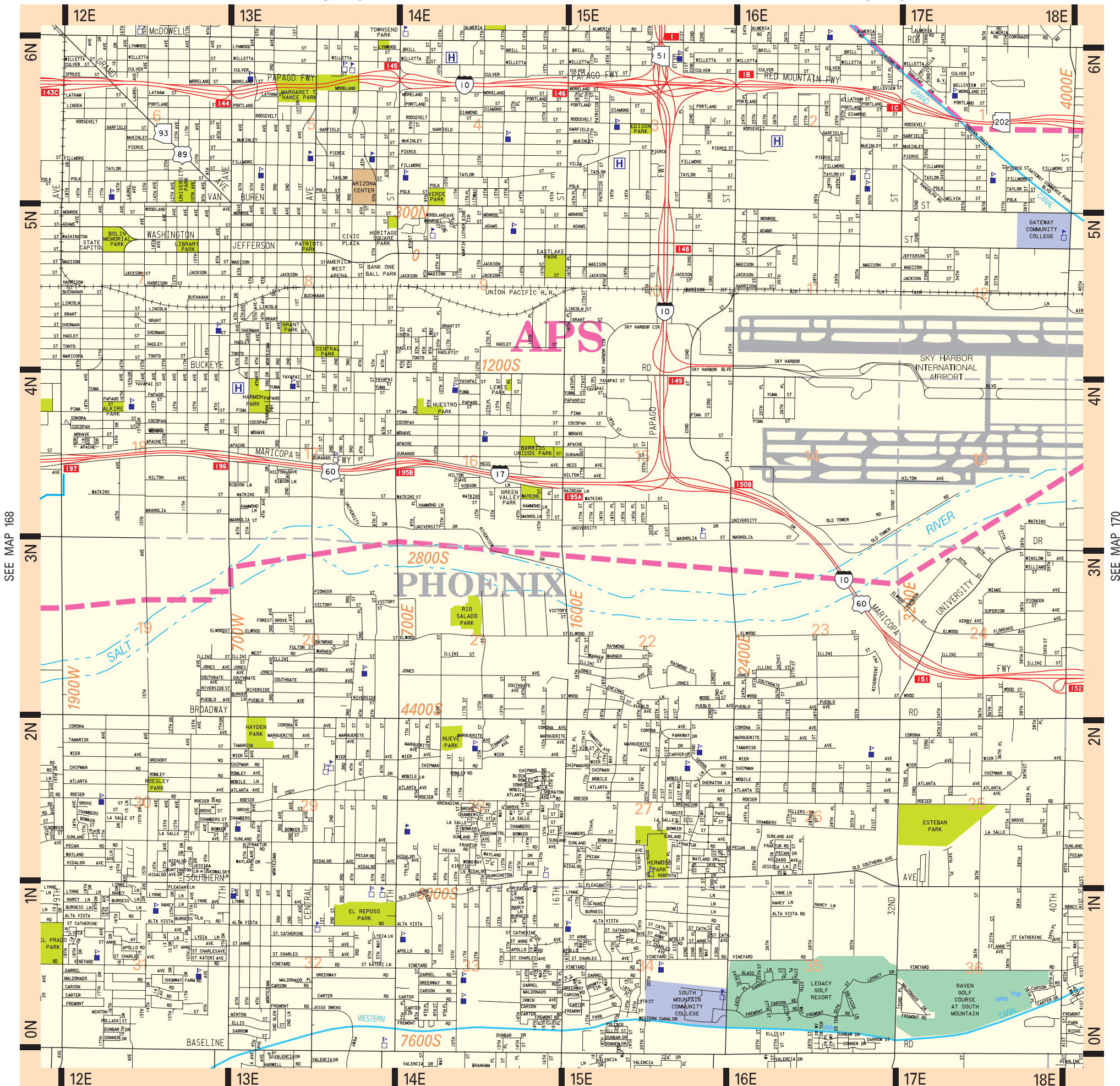
SEE MAP 165





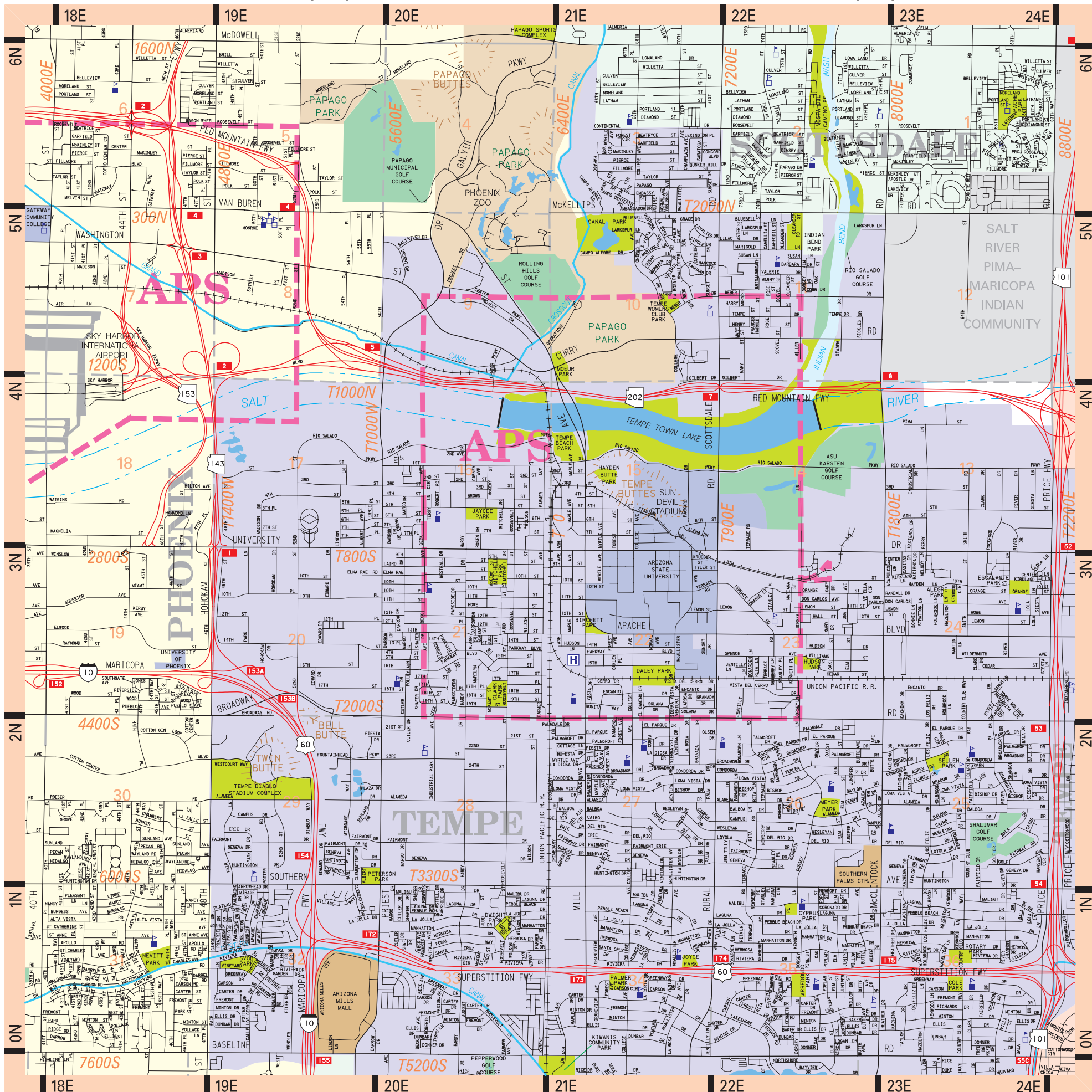






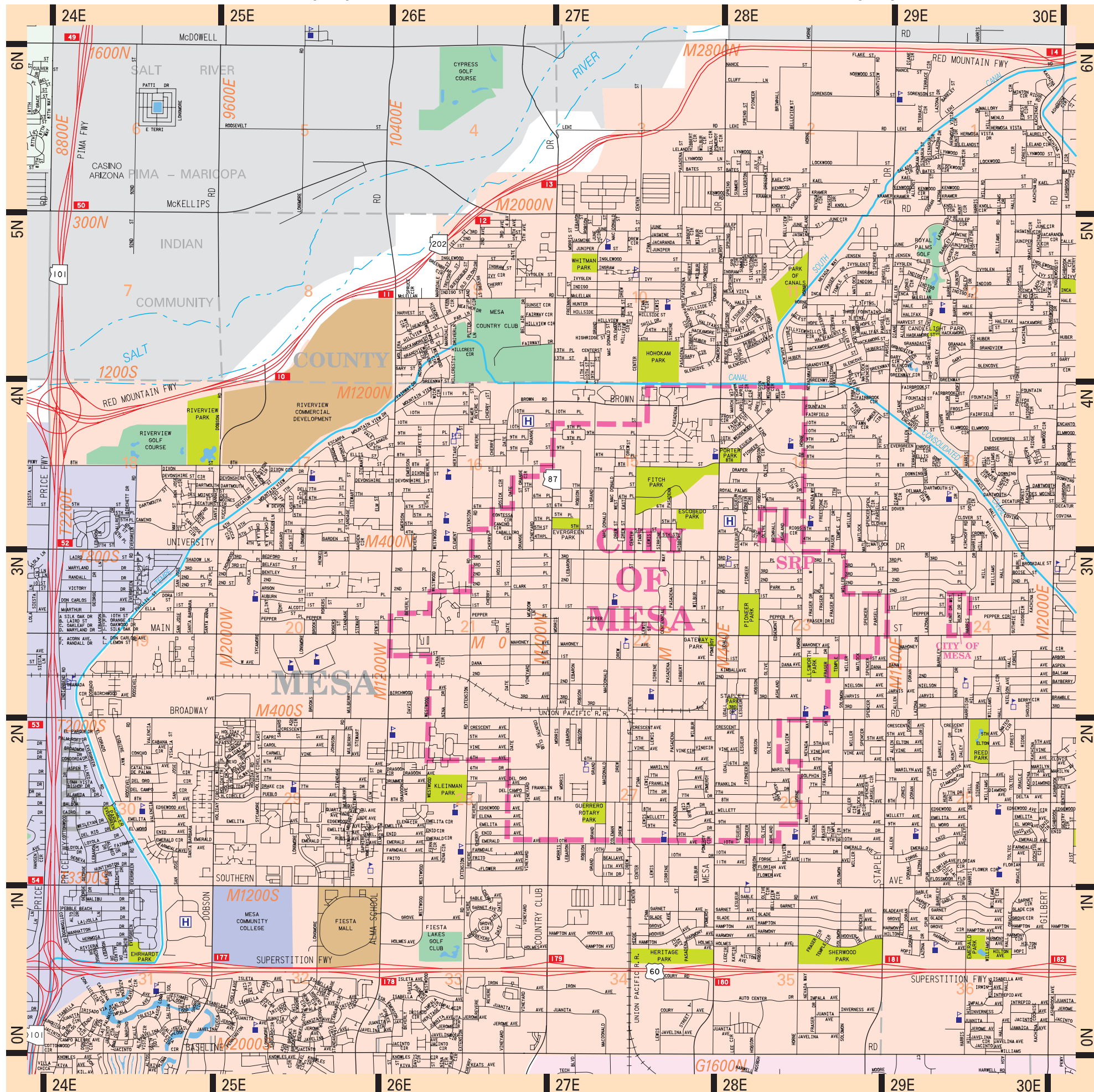
SEE MAP 169

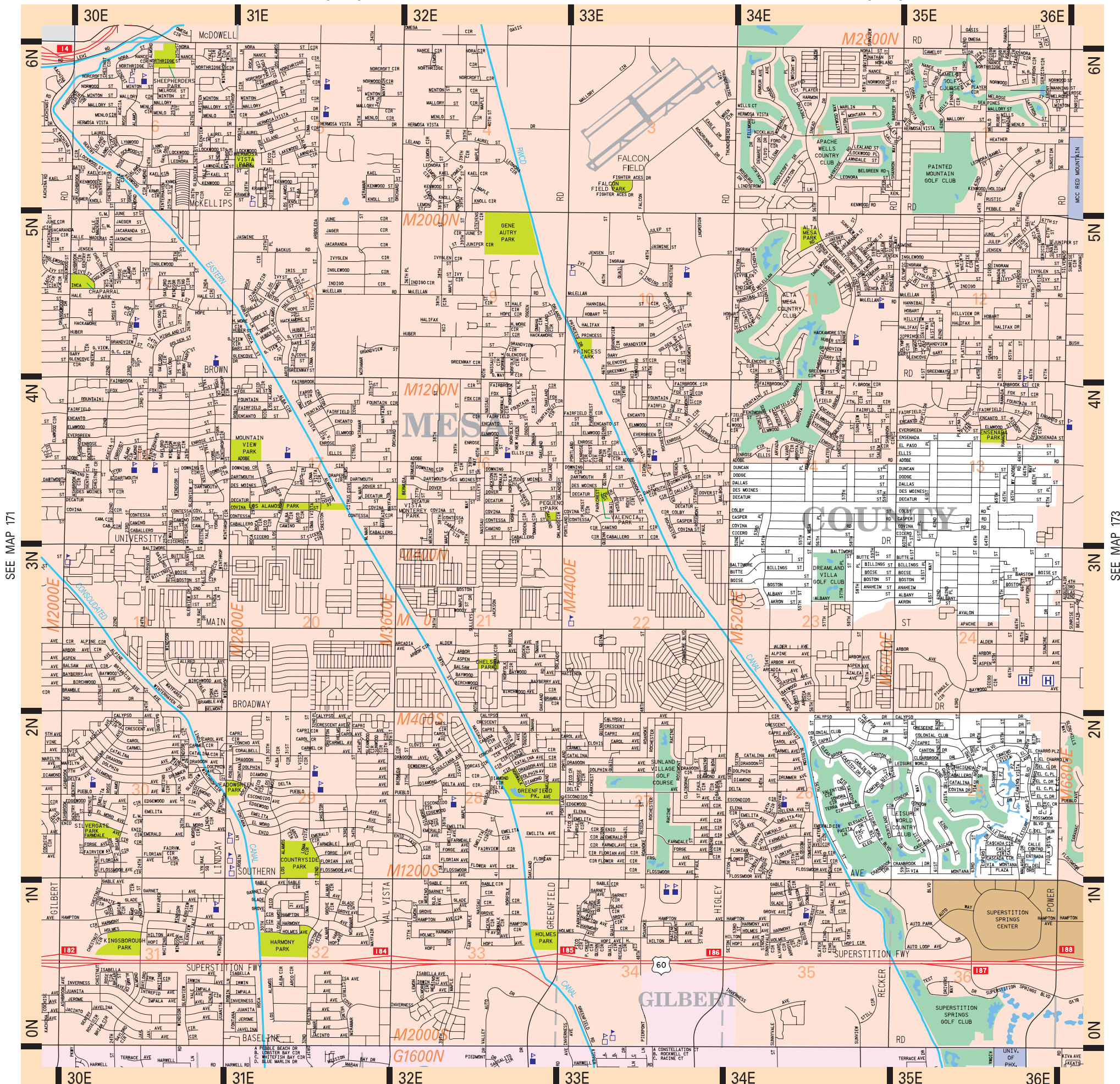
SEE MAP 171



SEE MAP 170

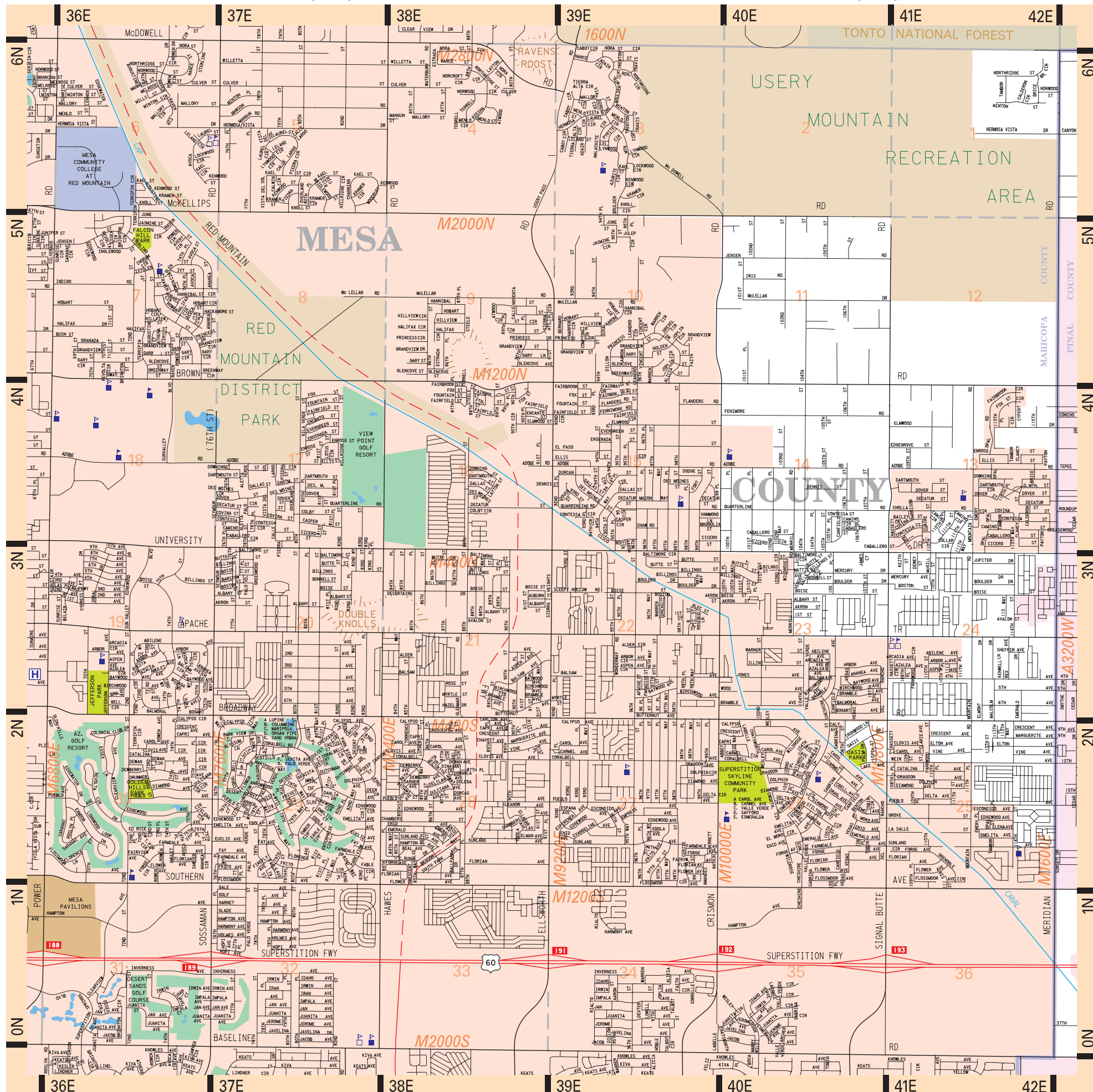
SEE MAP 172

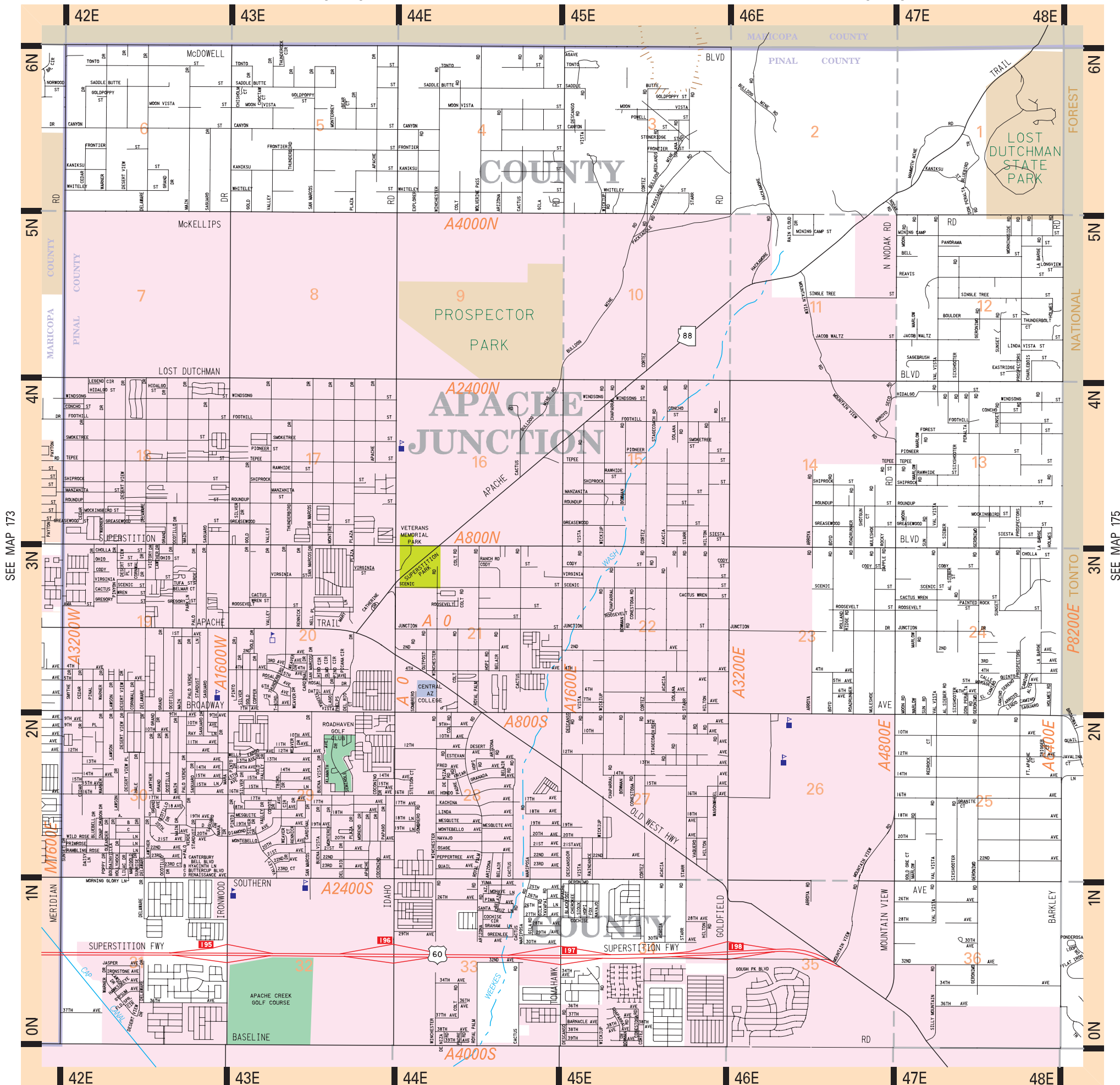


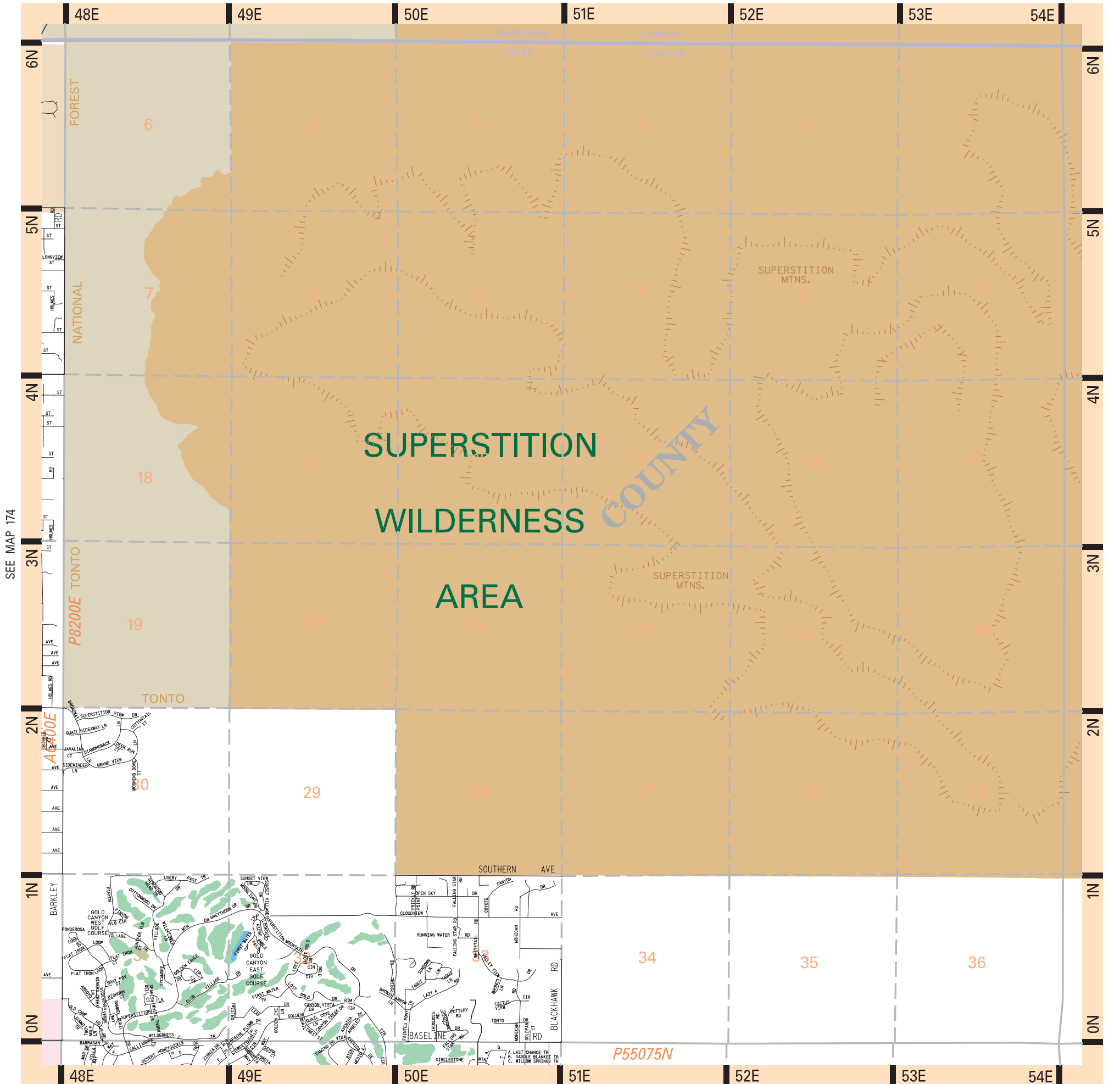


SEE MAP 172

SEE MAP 174

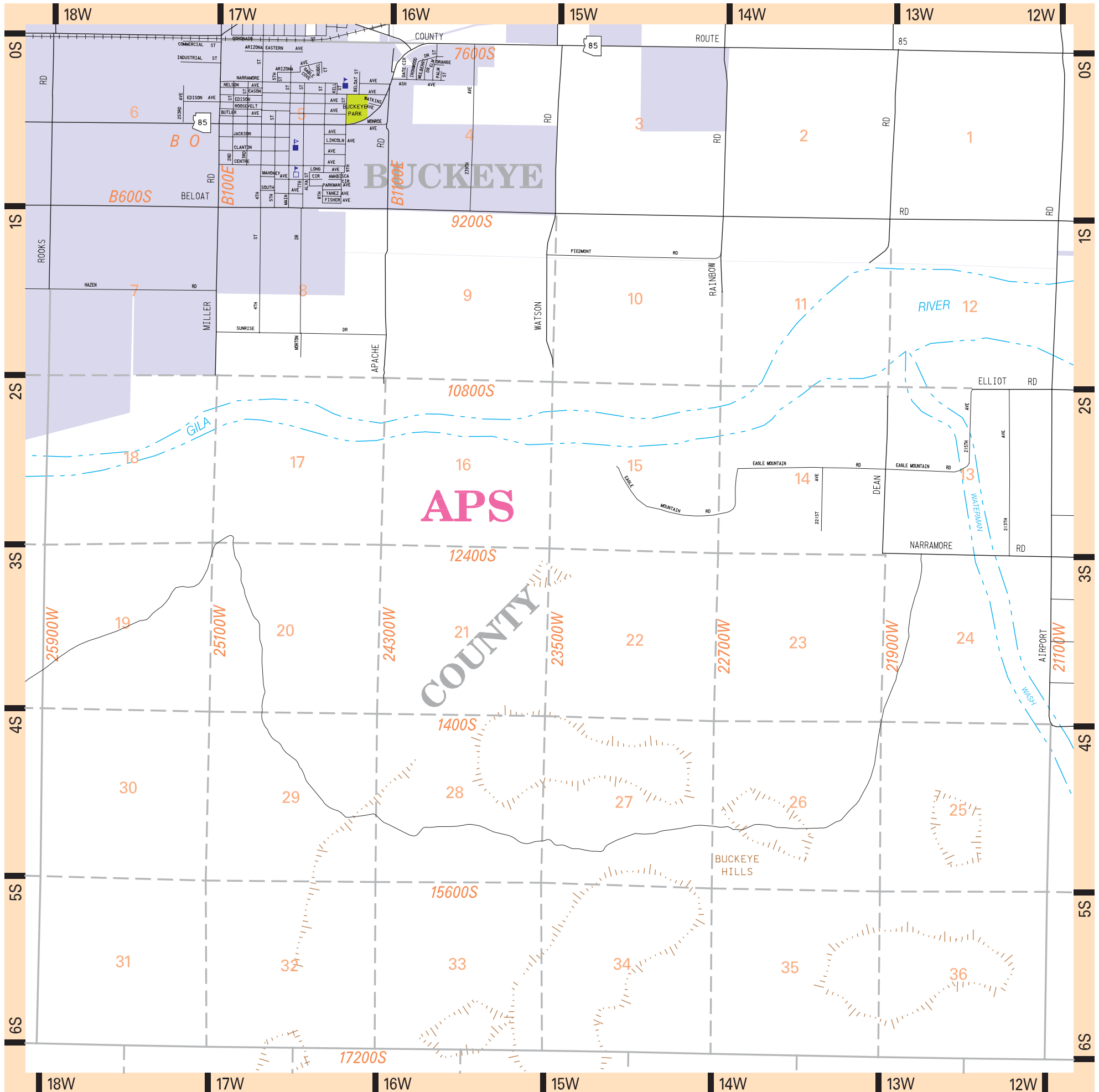


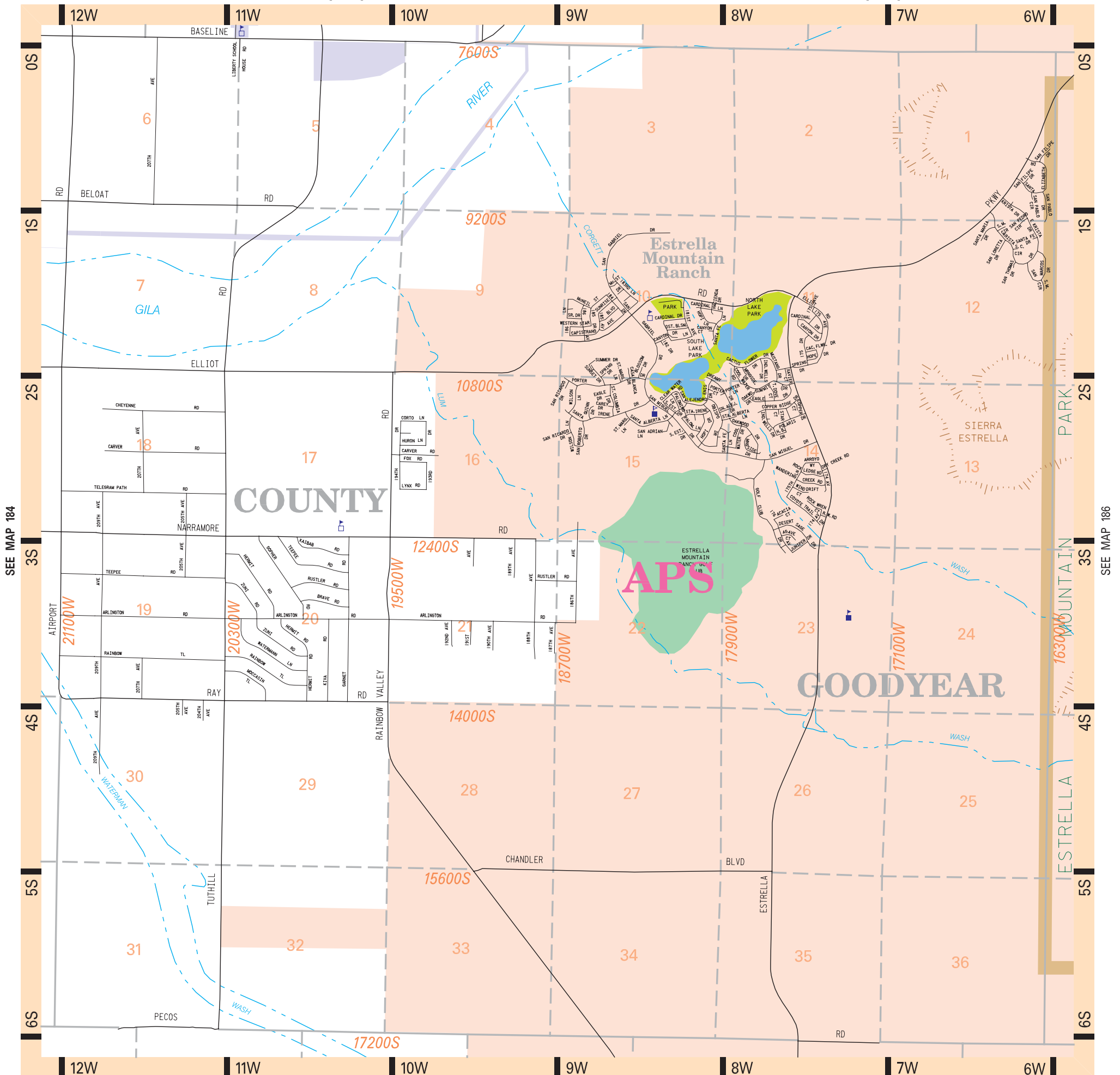


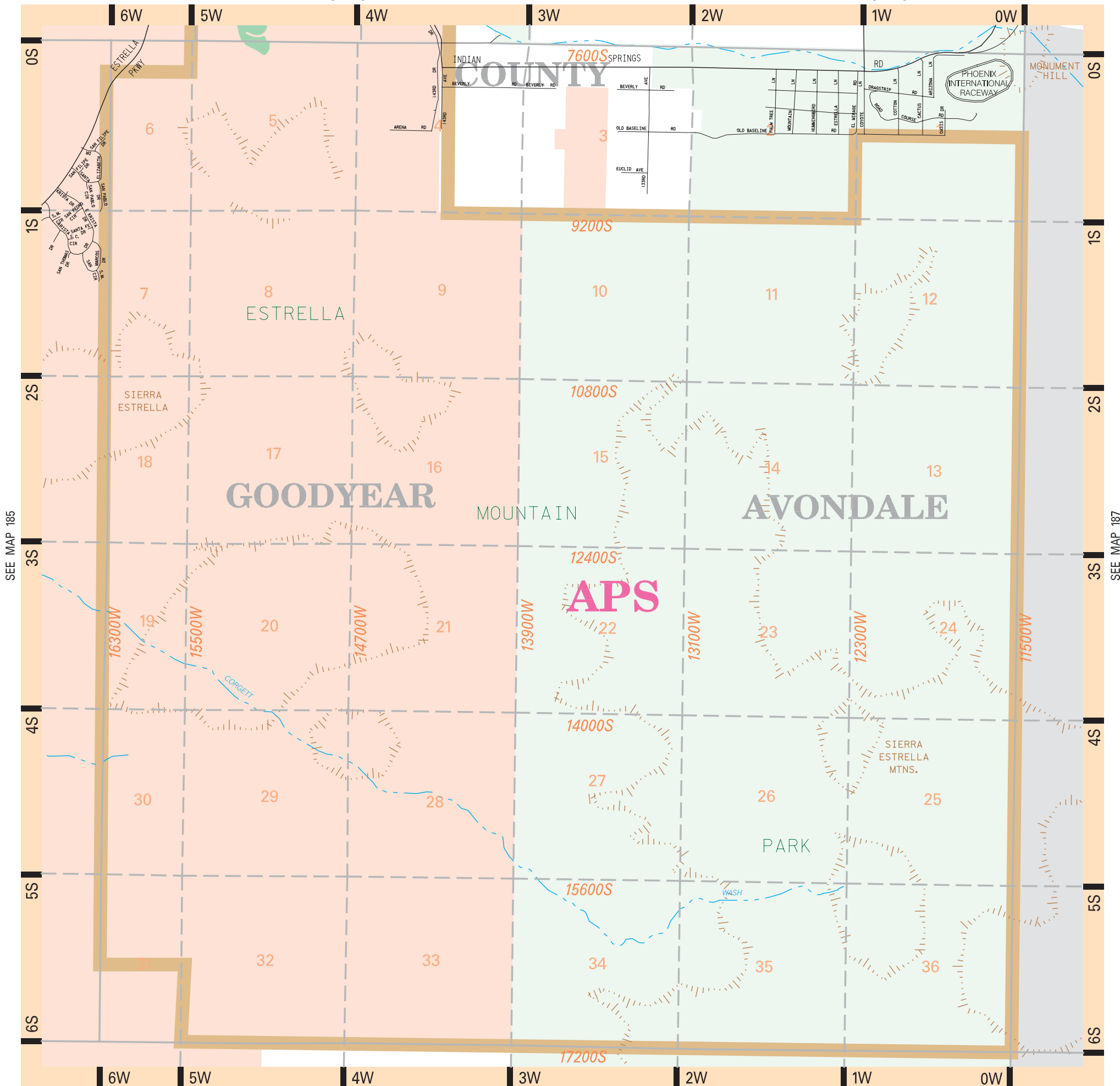


SEE MAP 174

SEE MAP 195

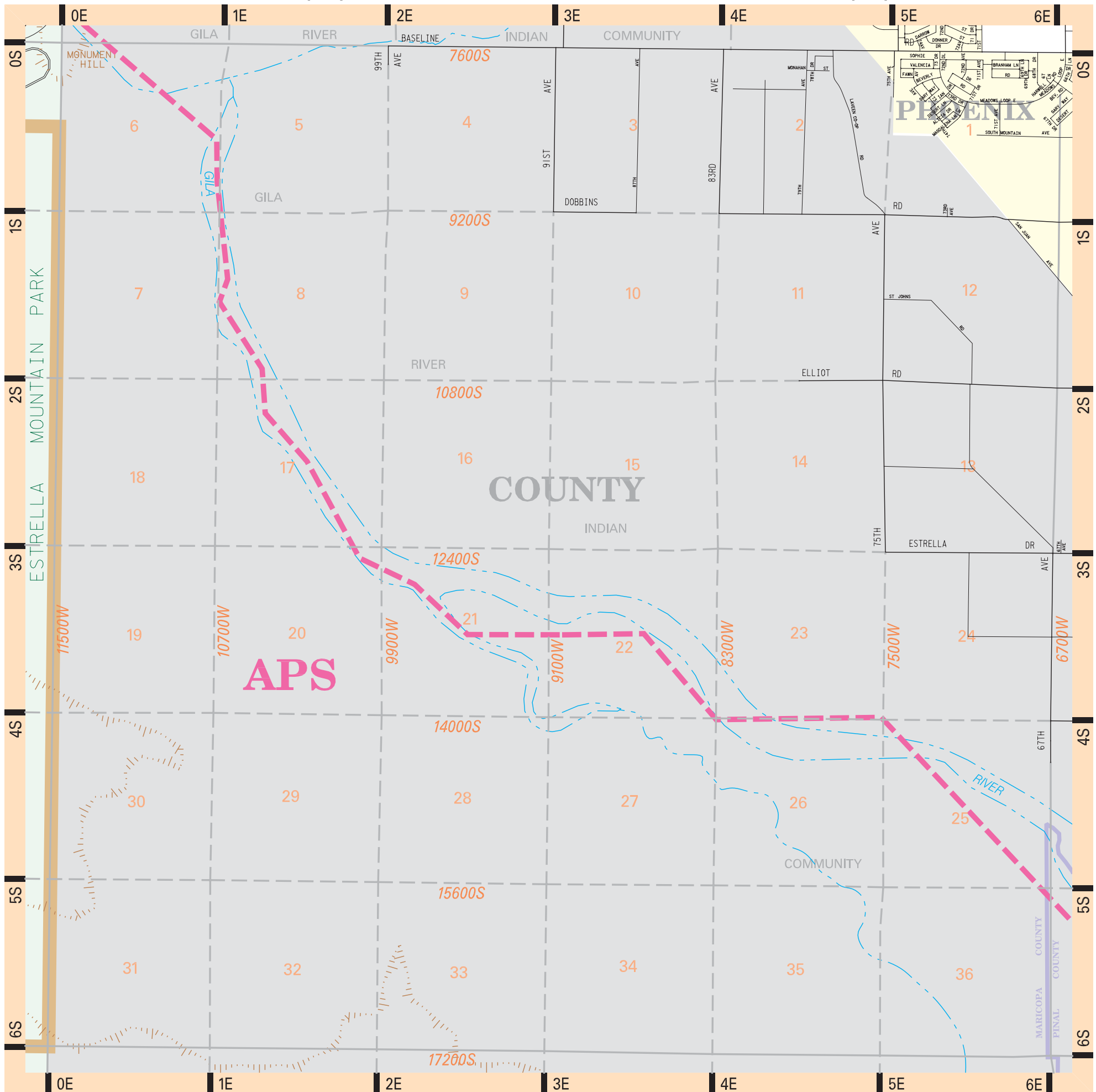


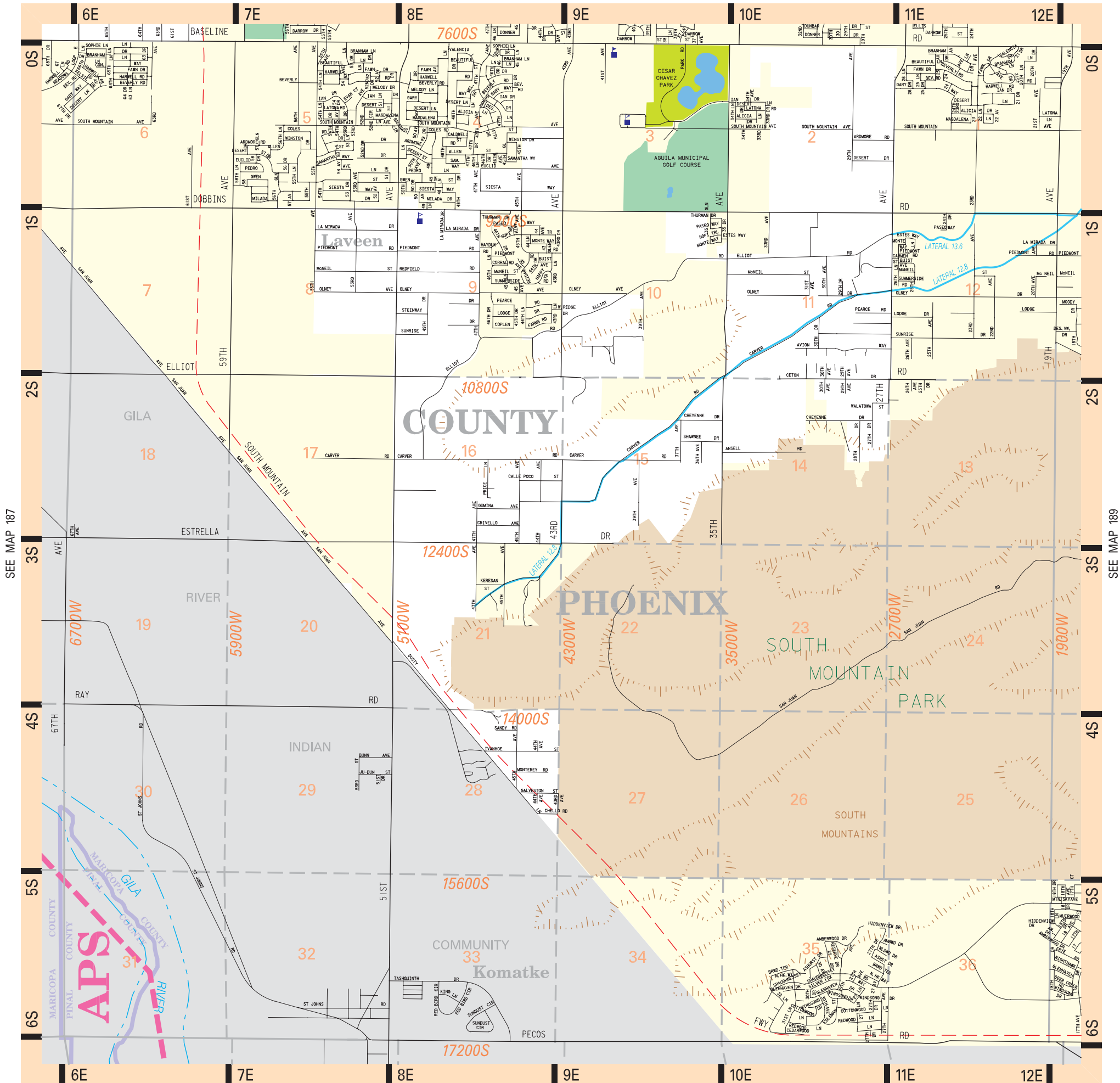


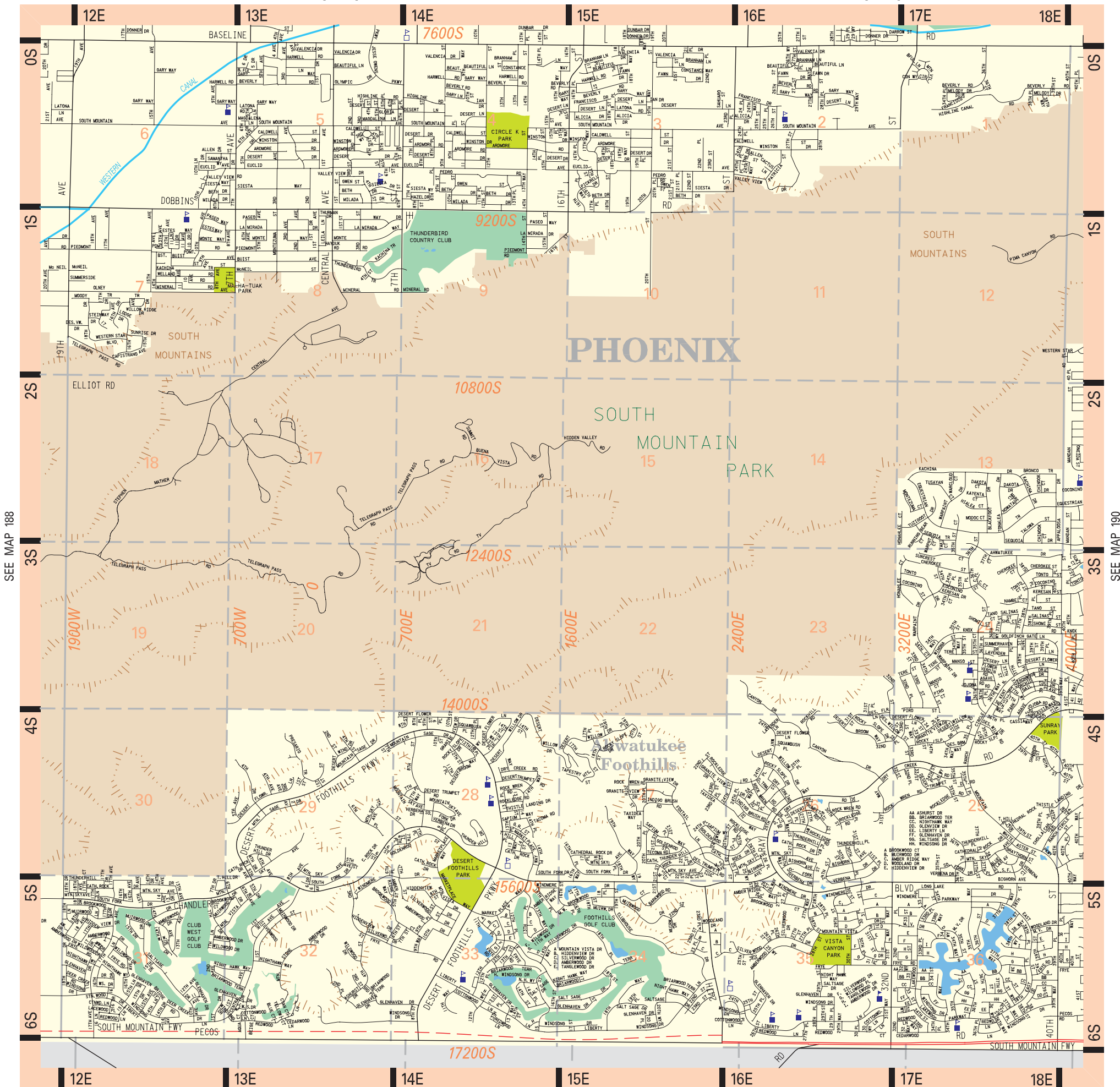


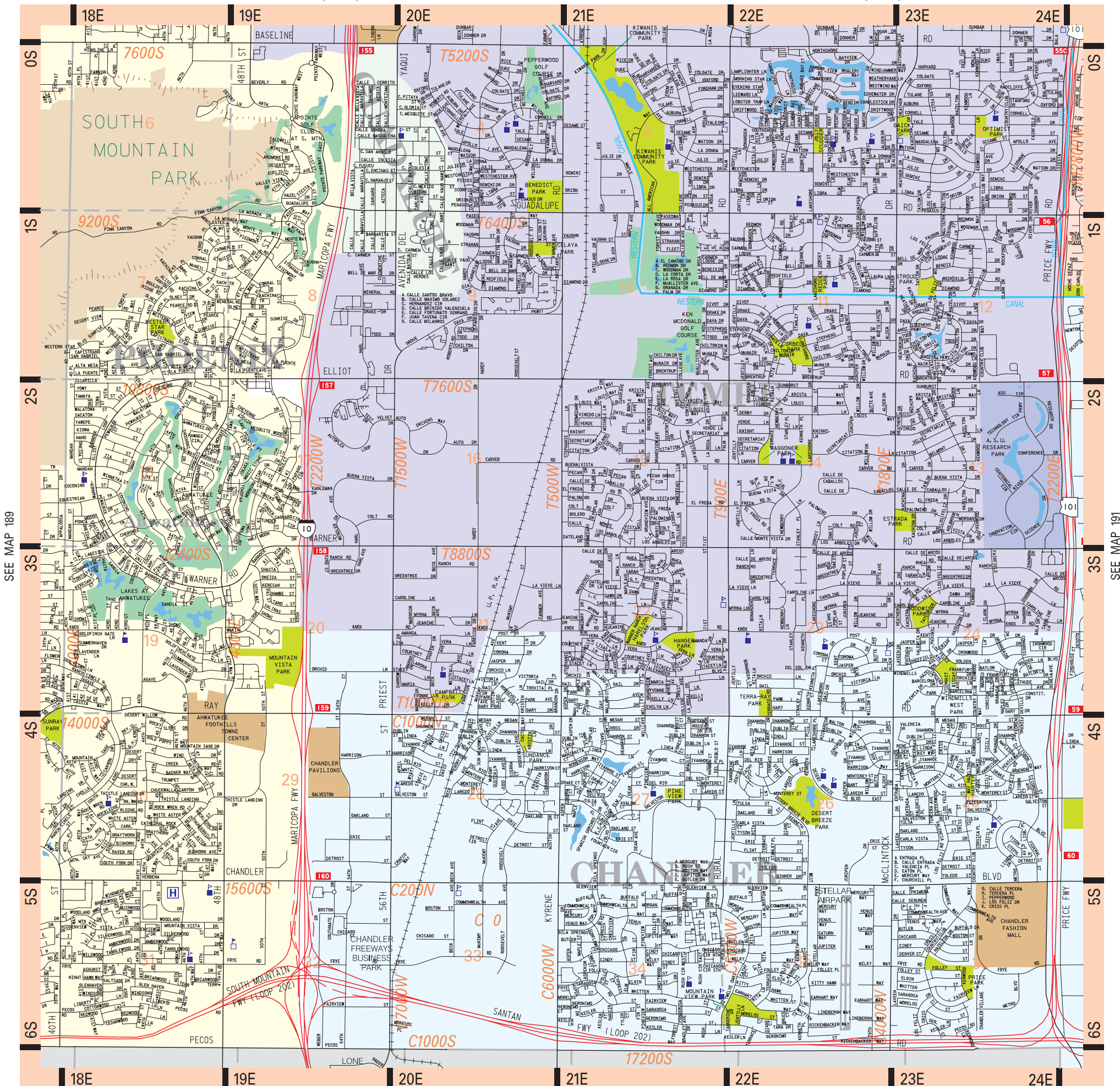
SEE MAP 185

SEE MAP 187



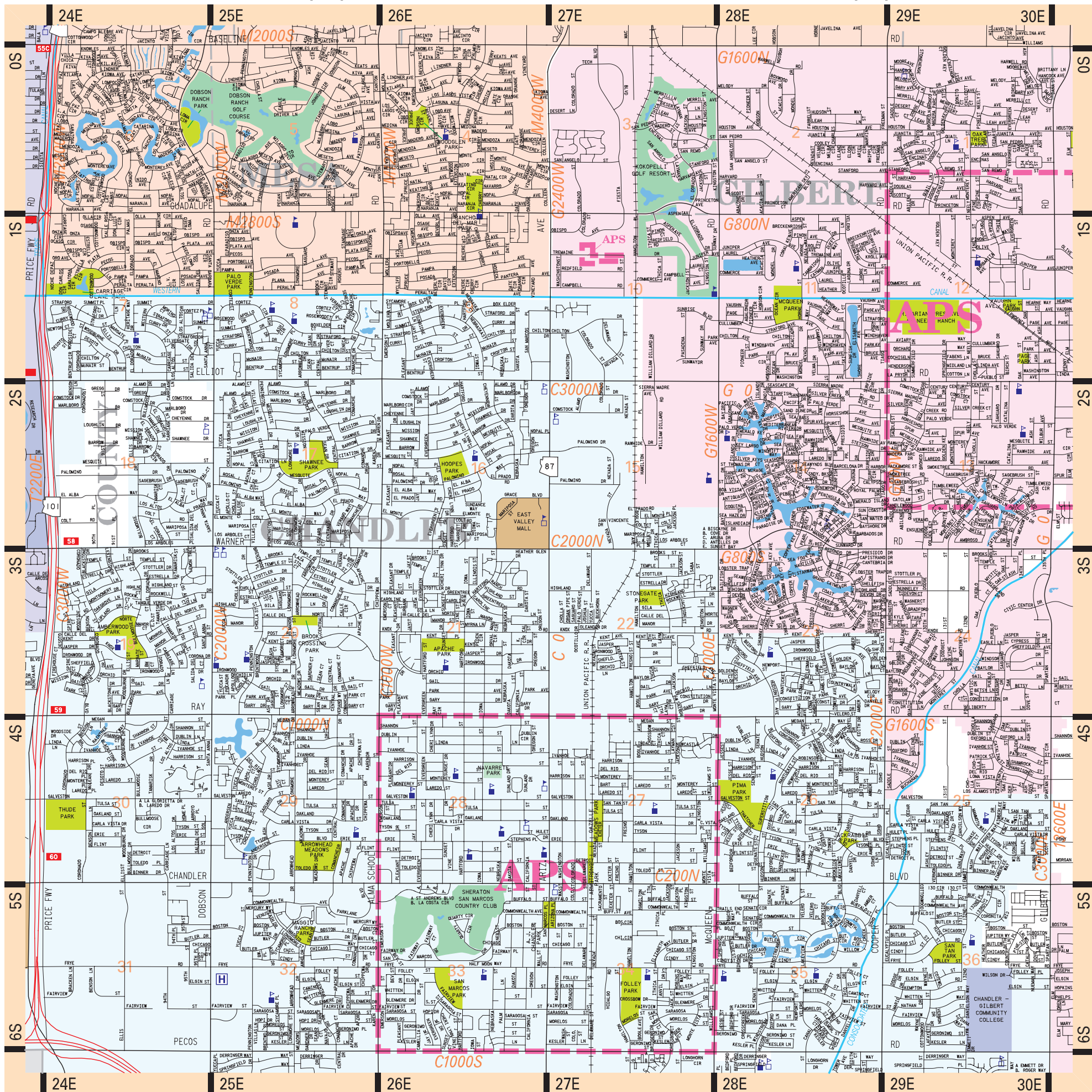


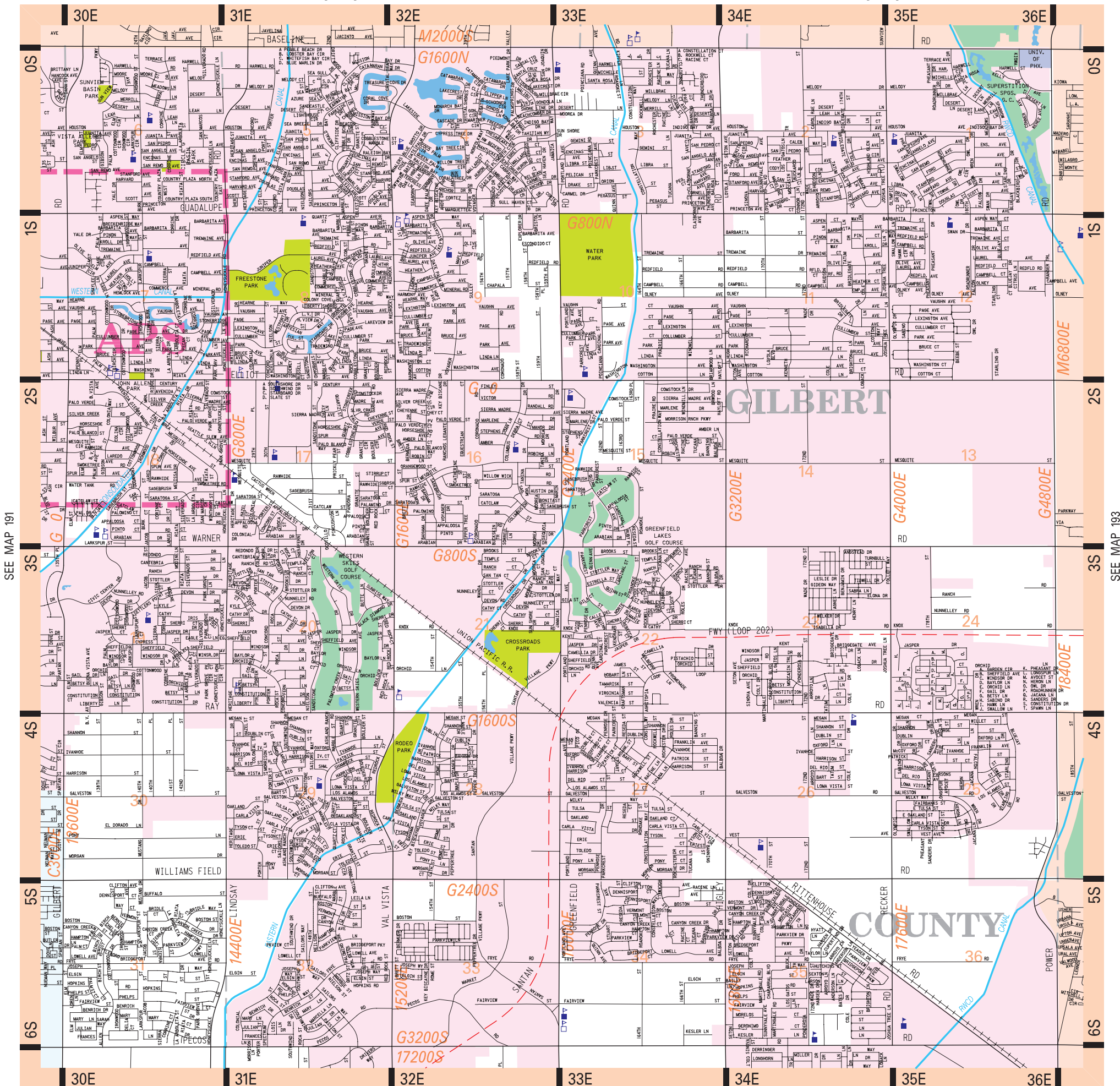


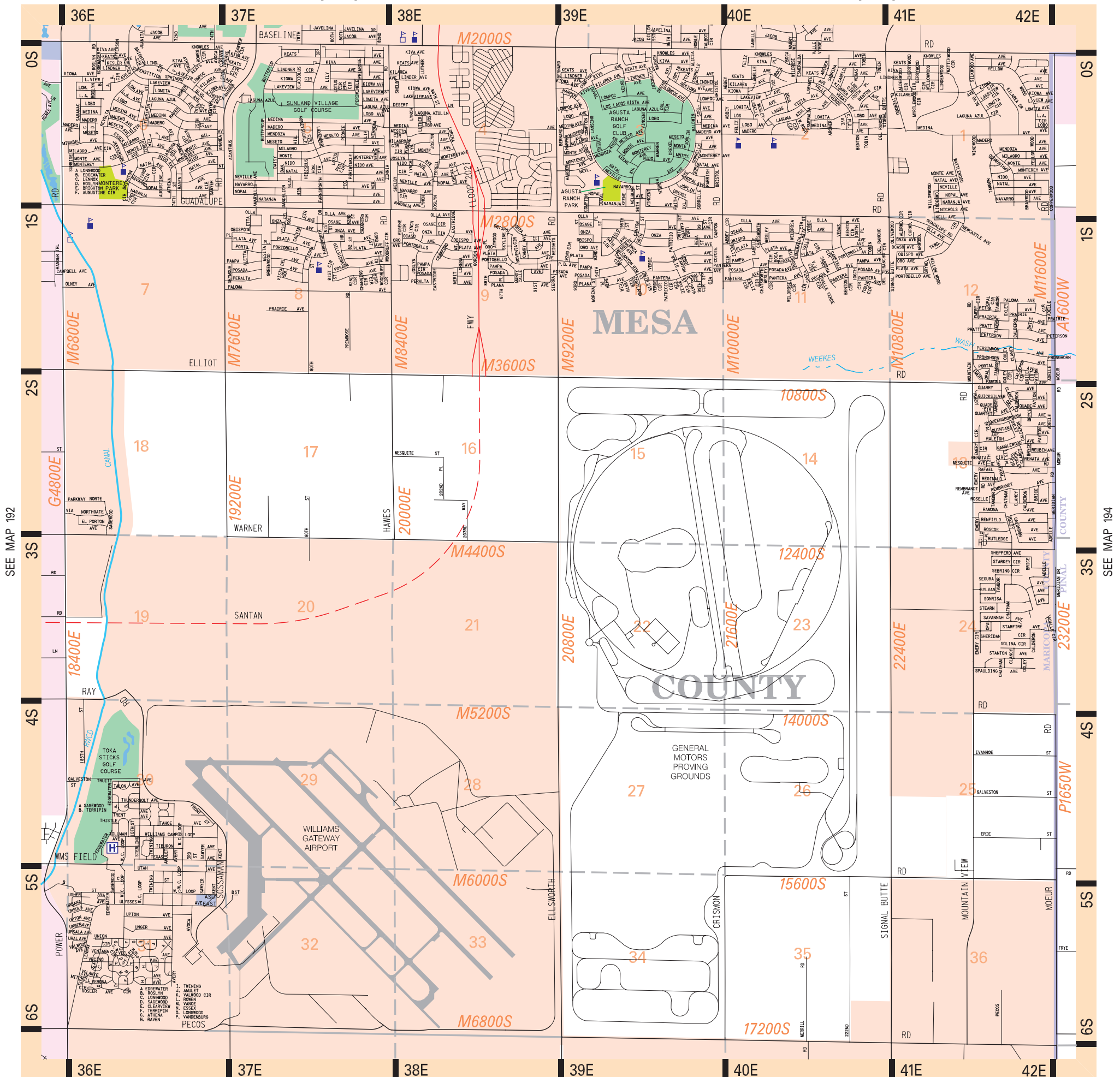


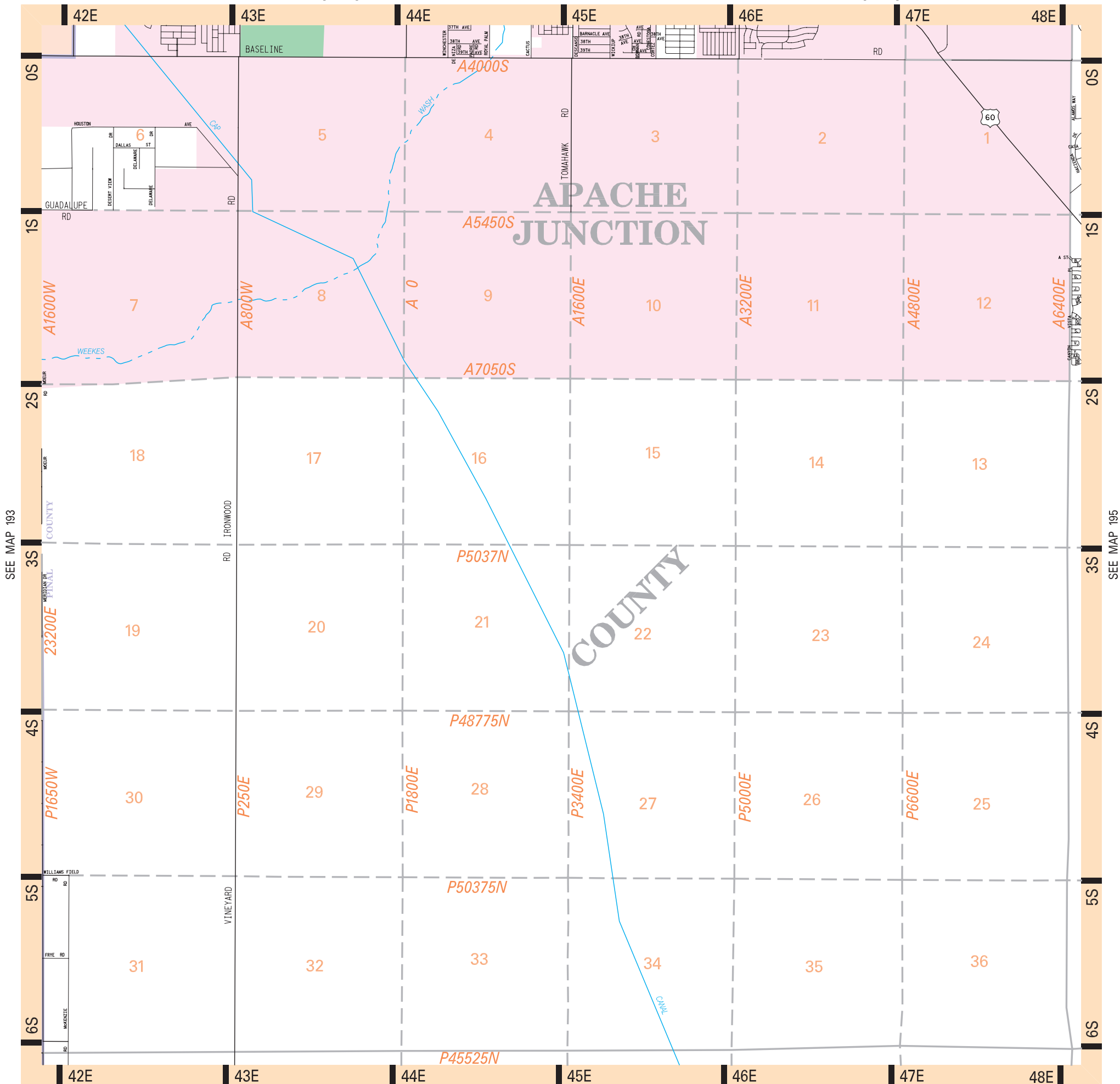
SEE MAP 190

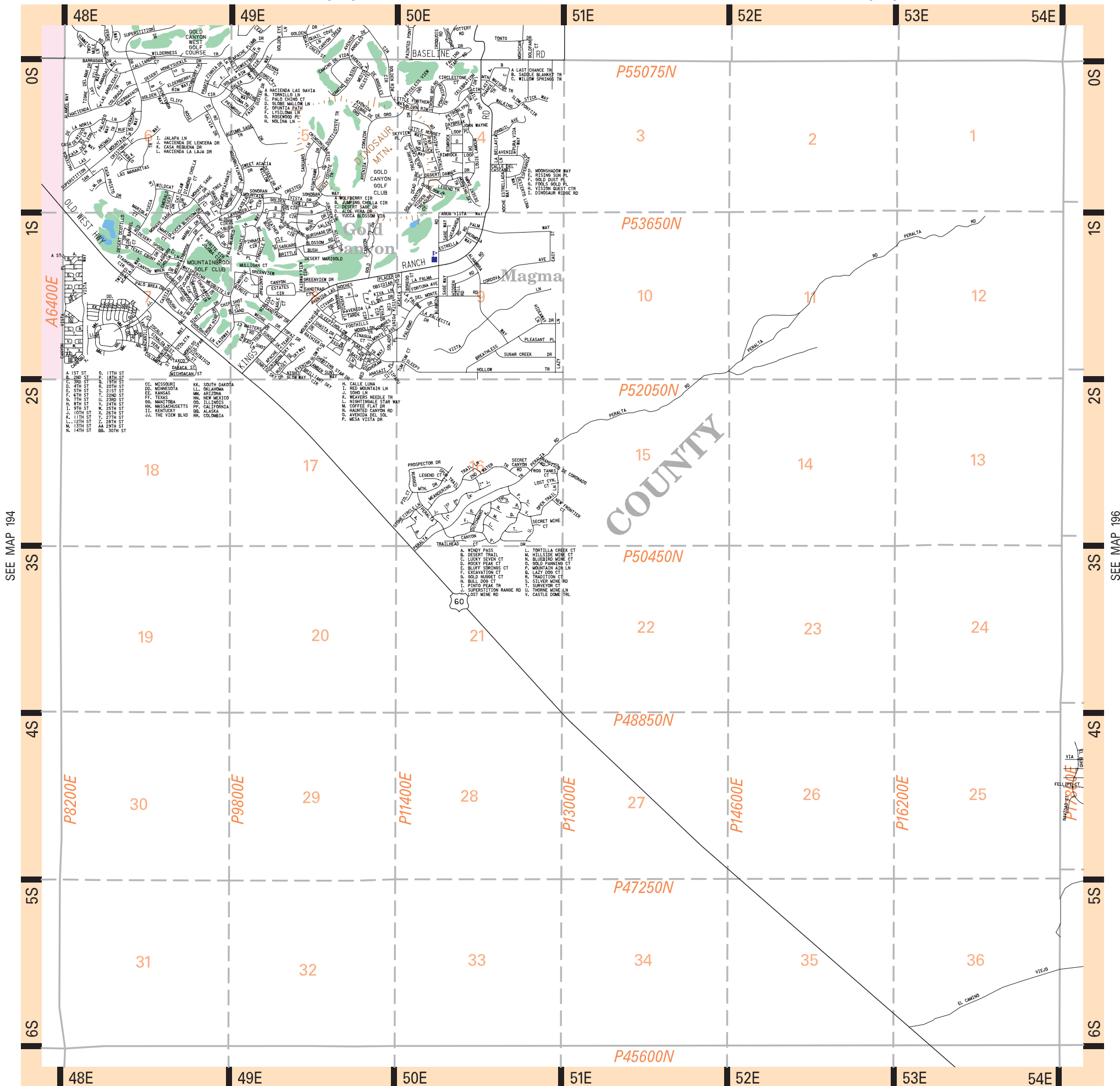
SEE MAP 192



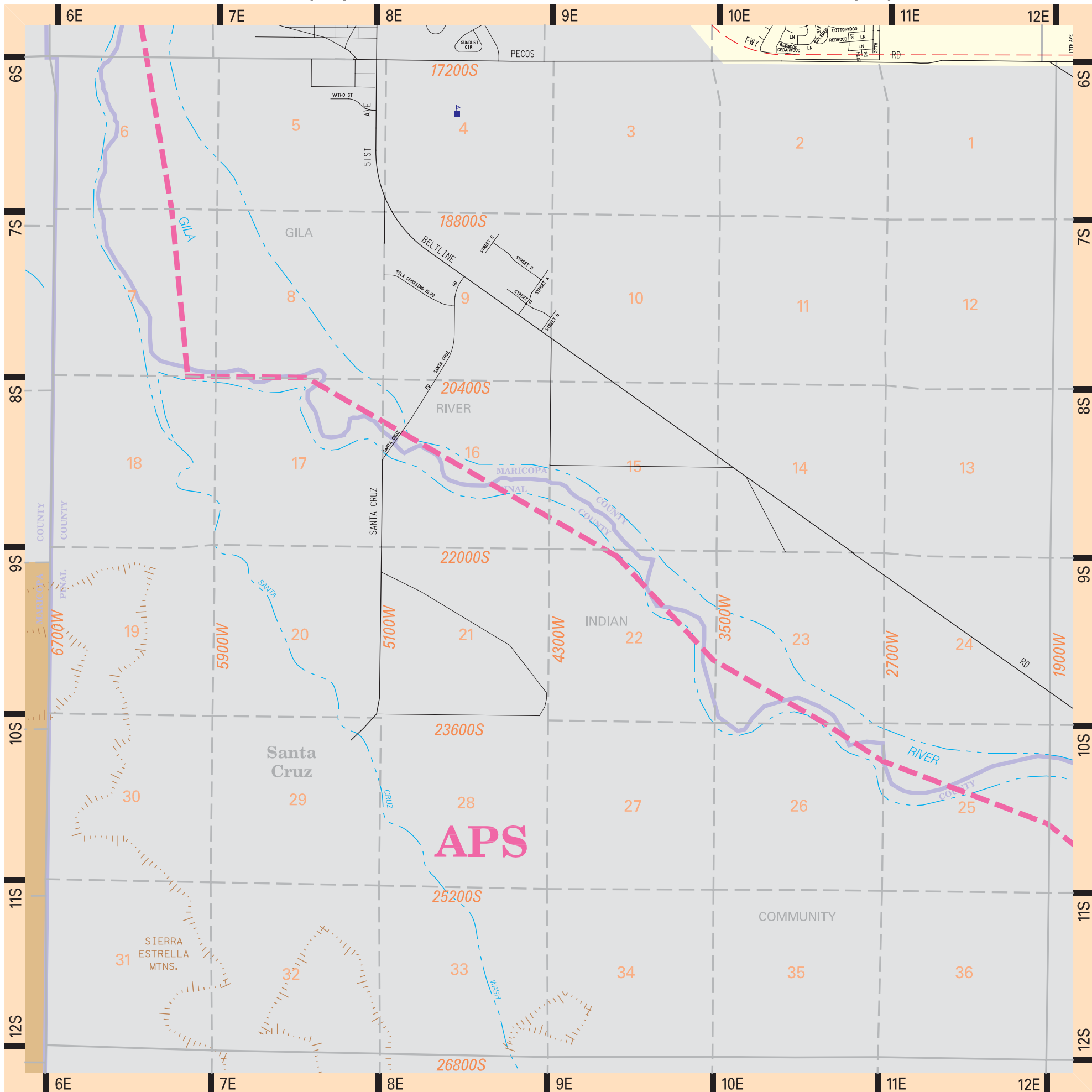




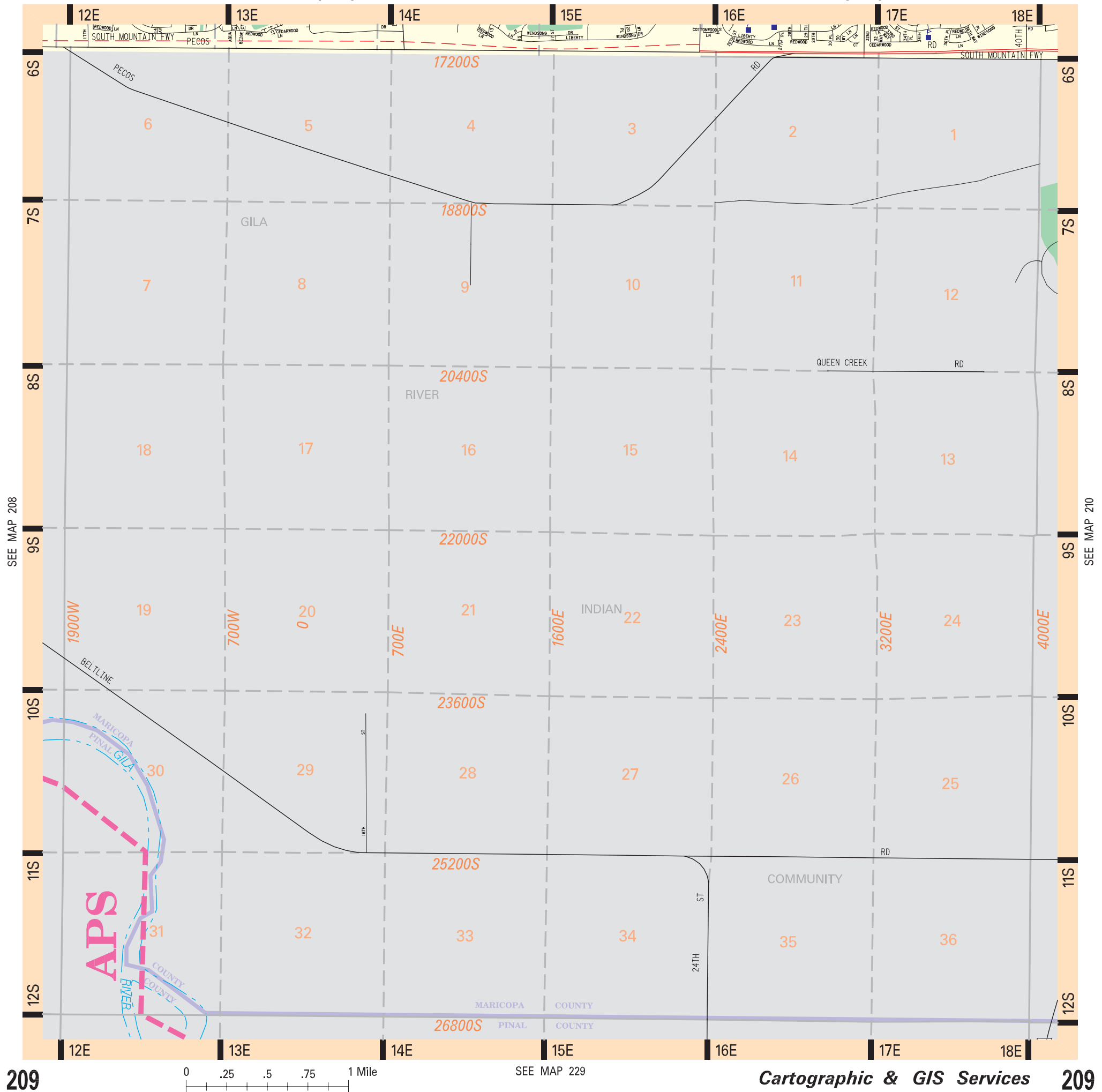




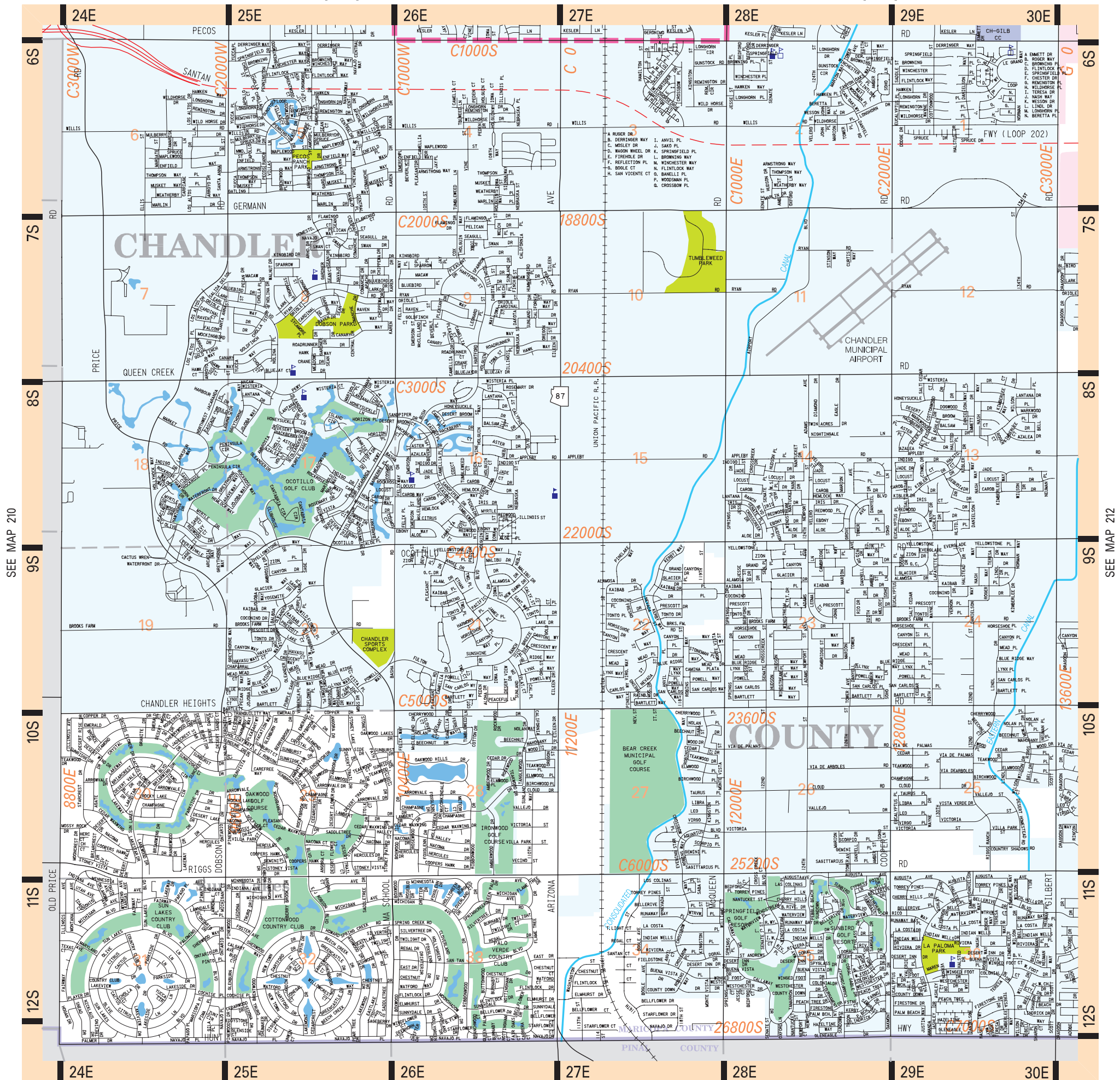


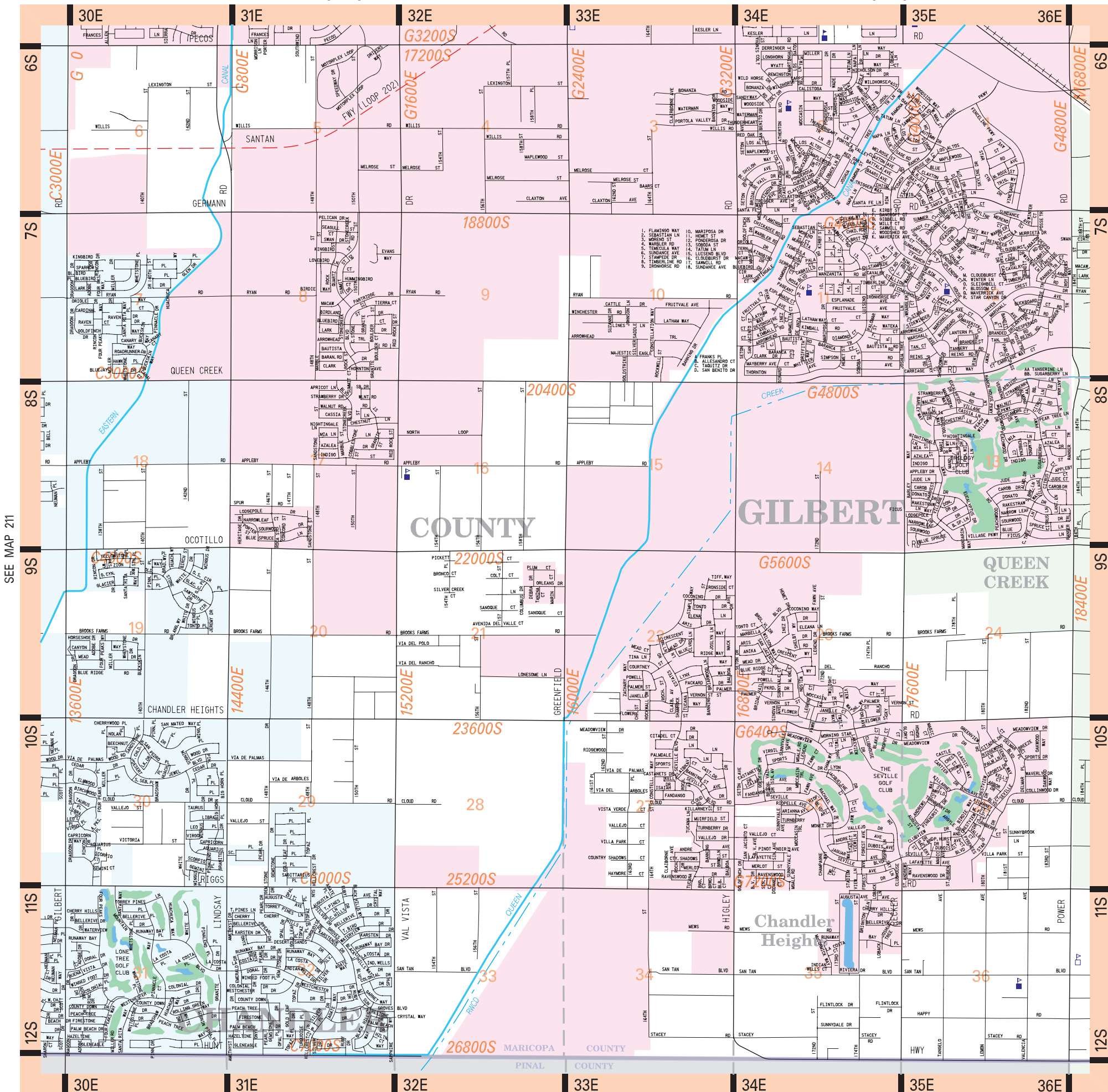


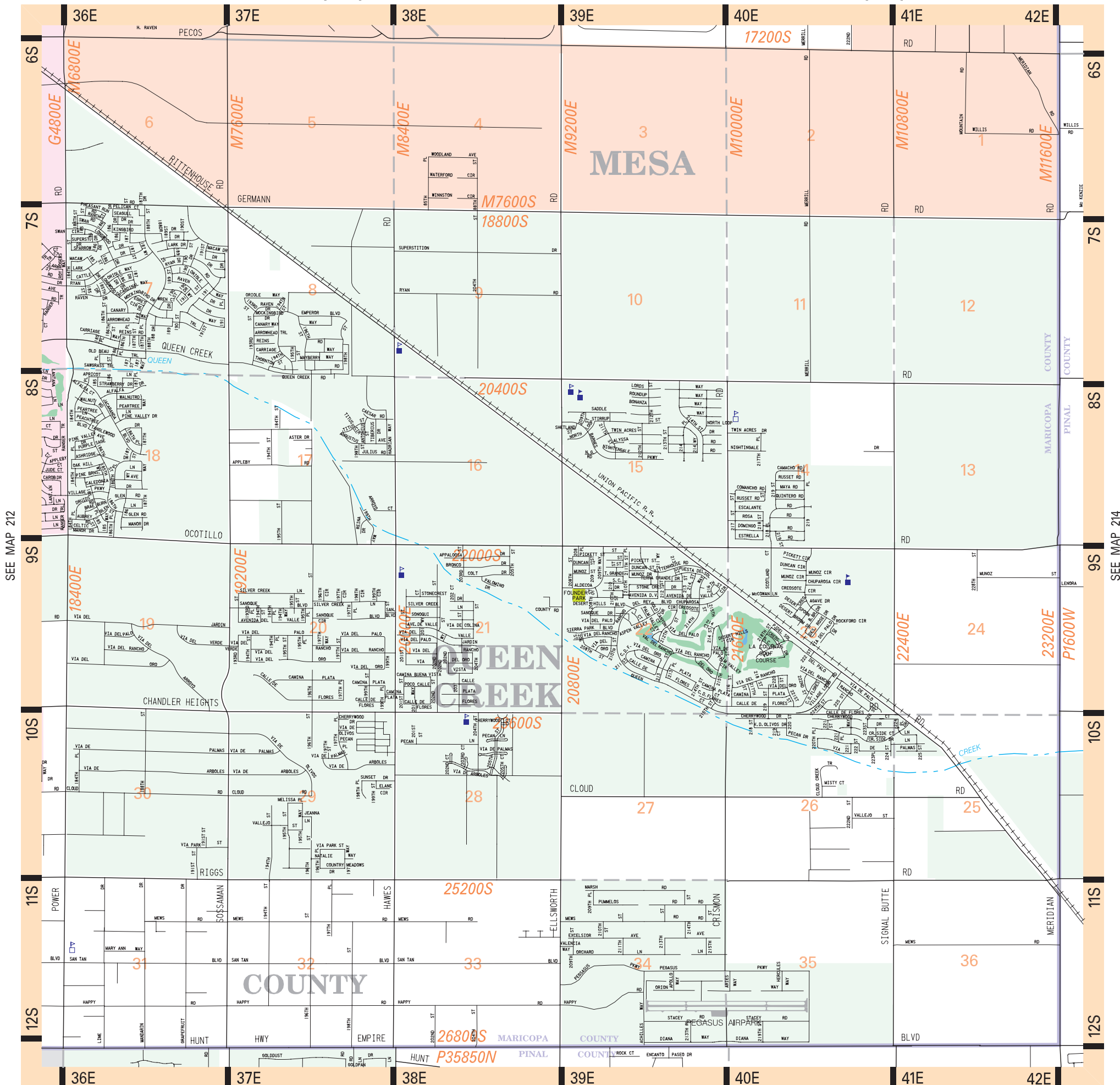
SEE MAP 209

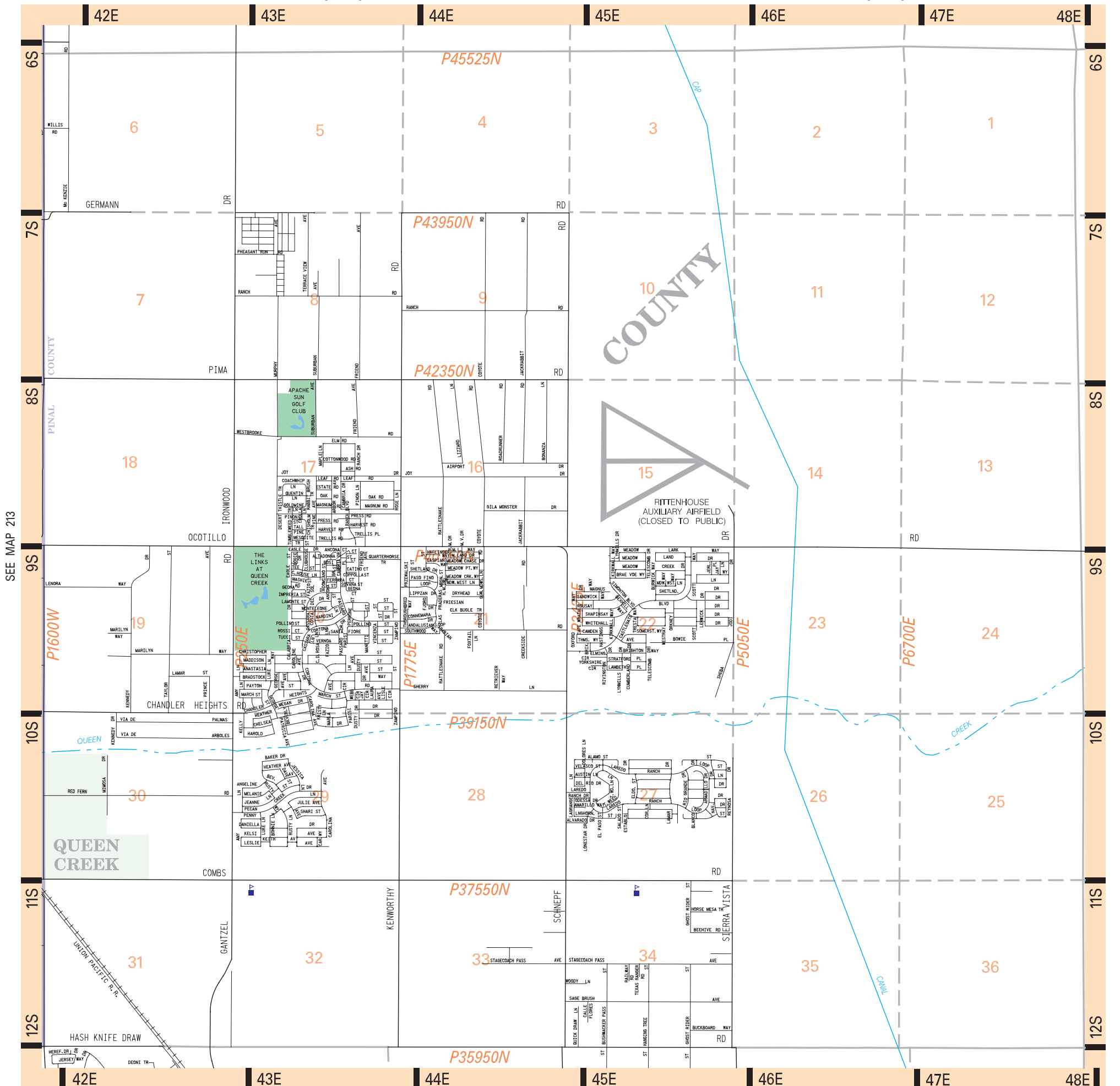












54E

92

51

50

CELL

1031

11

c71

54E

SEE MAP 214

SEE MAP 216

OCOTILLO

RD

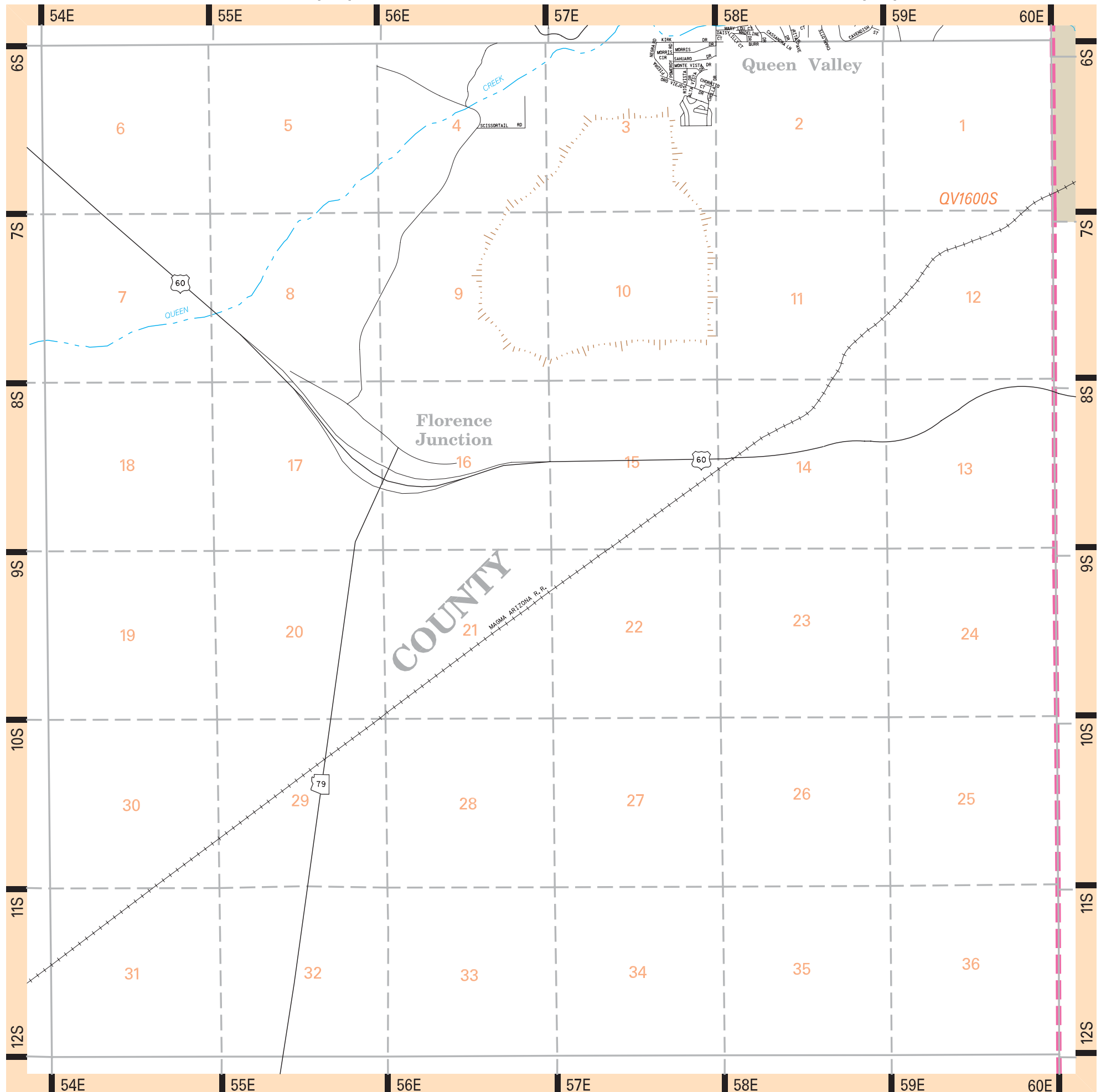
19 *QUEEN*

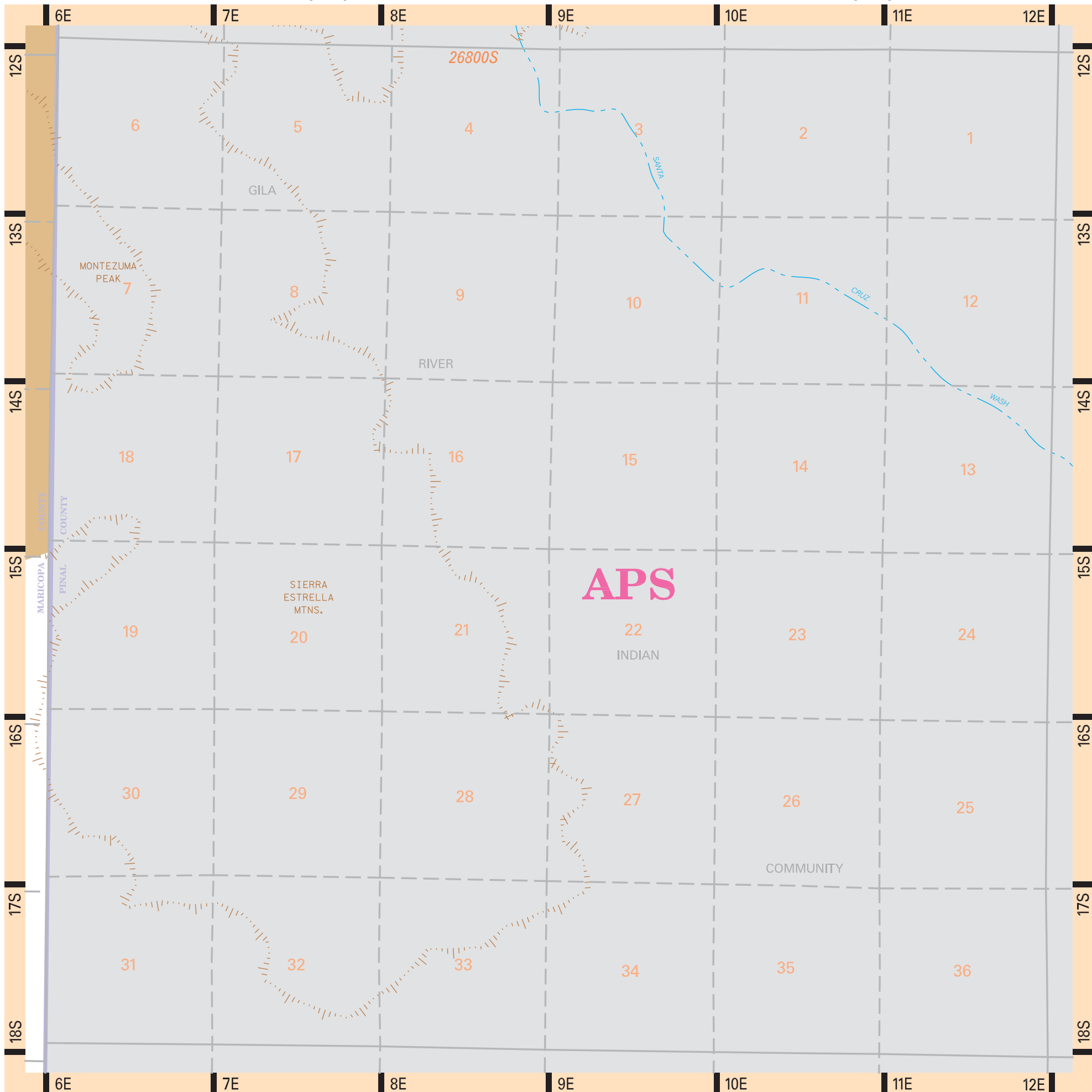
CREEK

P45600N

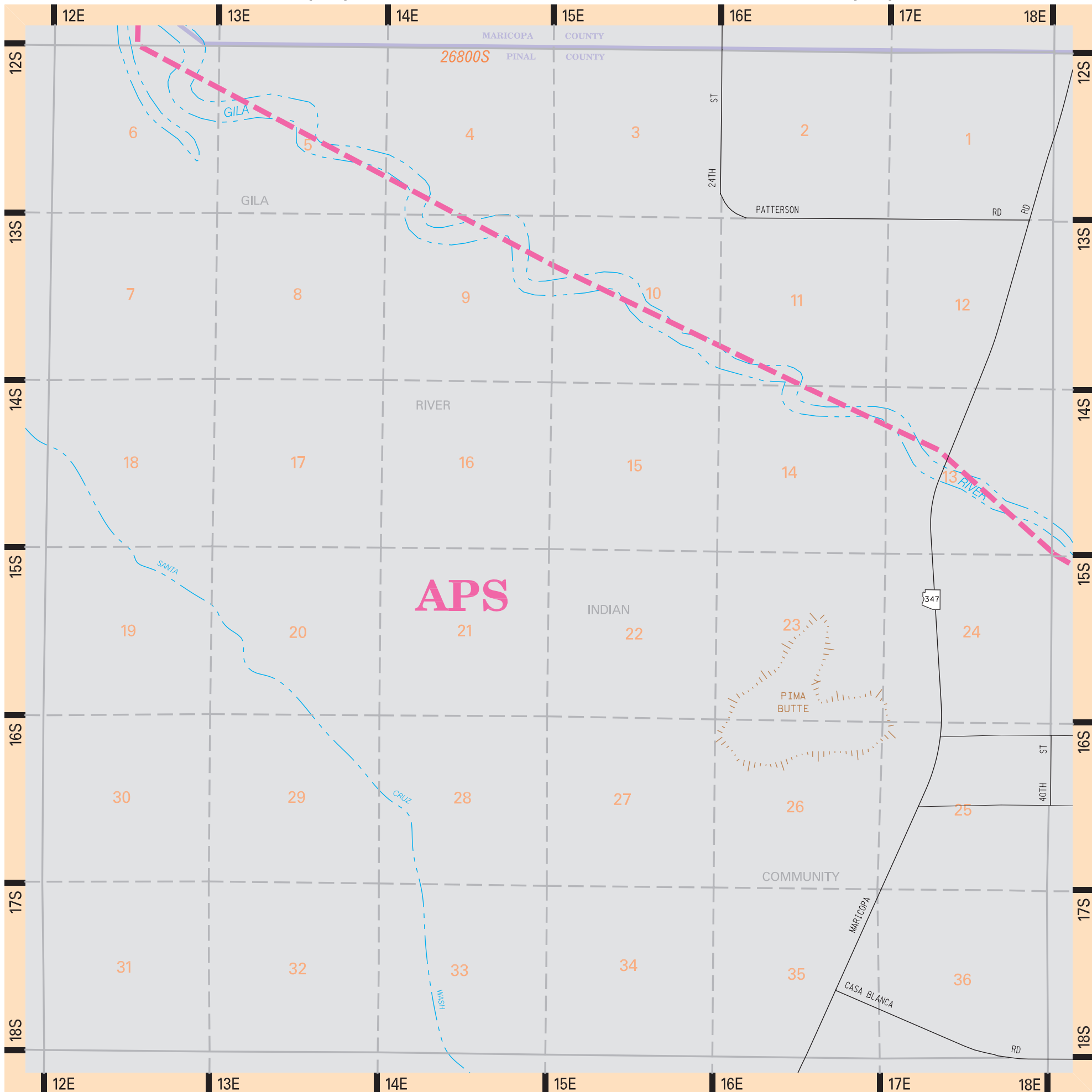
16 COUNTY

MAGMA ARIZONA R. R.

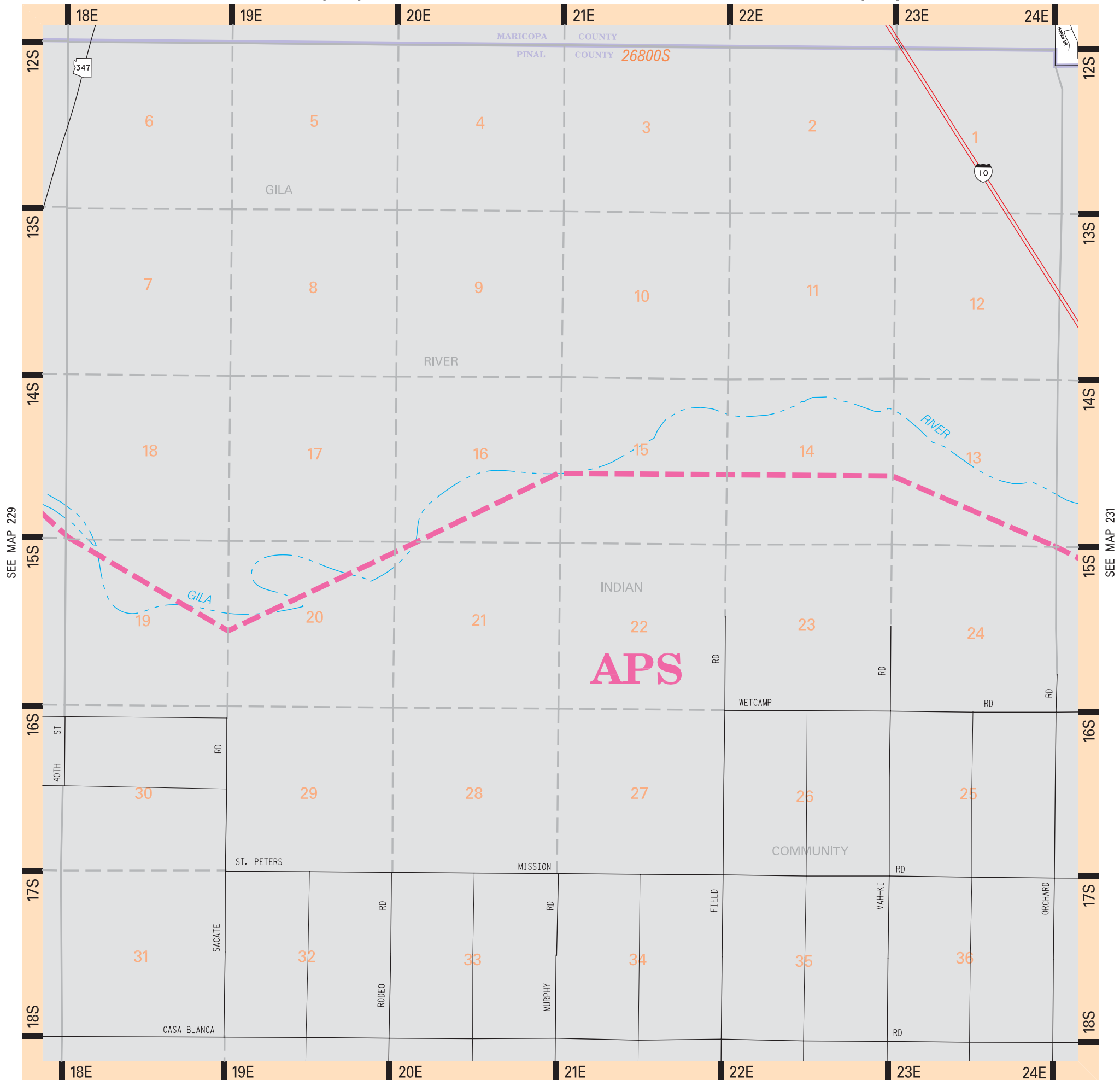




SEE MAP 229

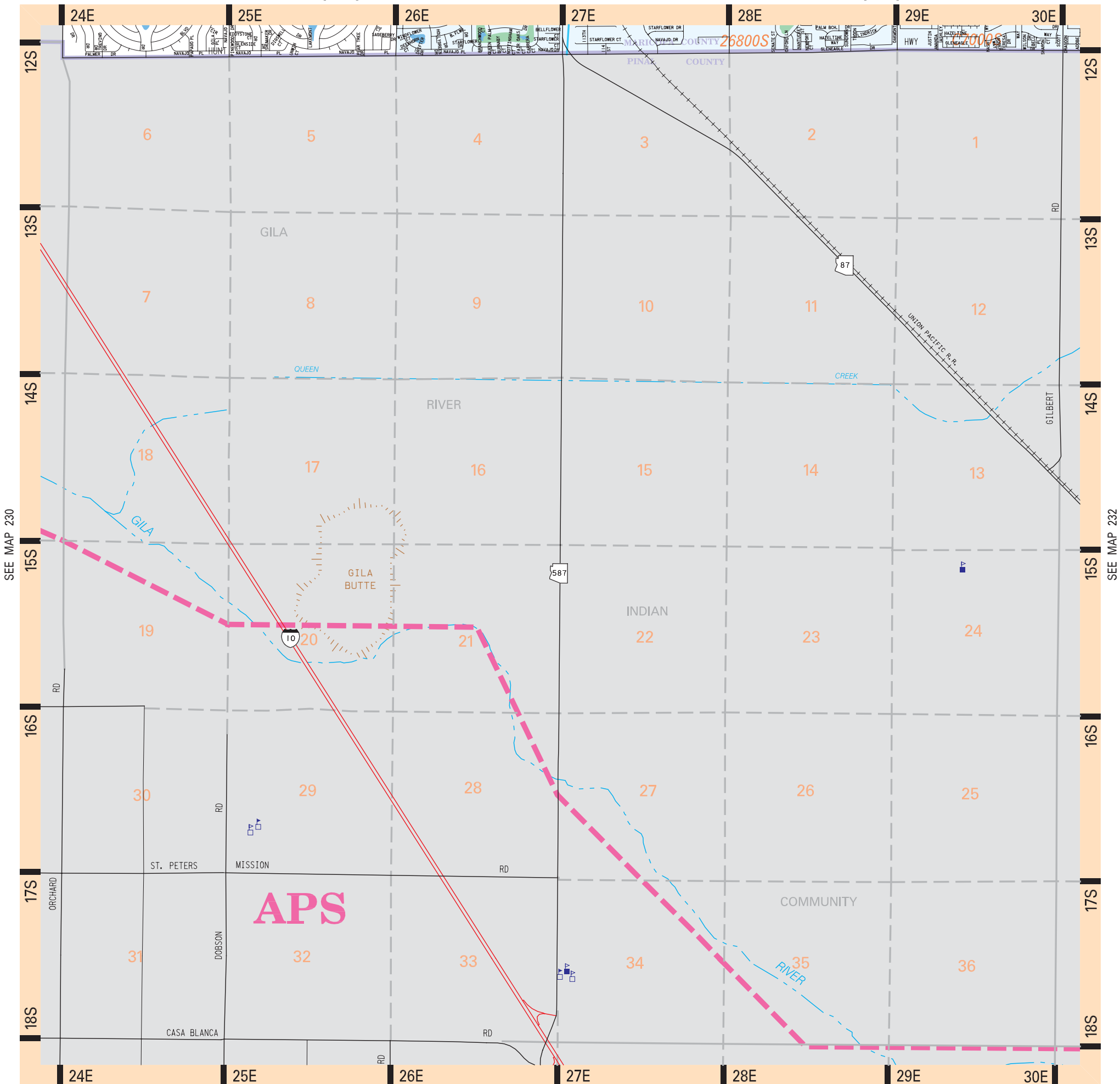


SEE MAP 230

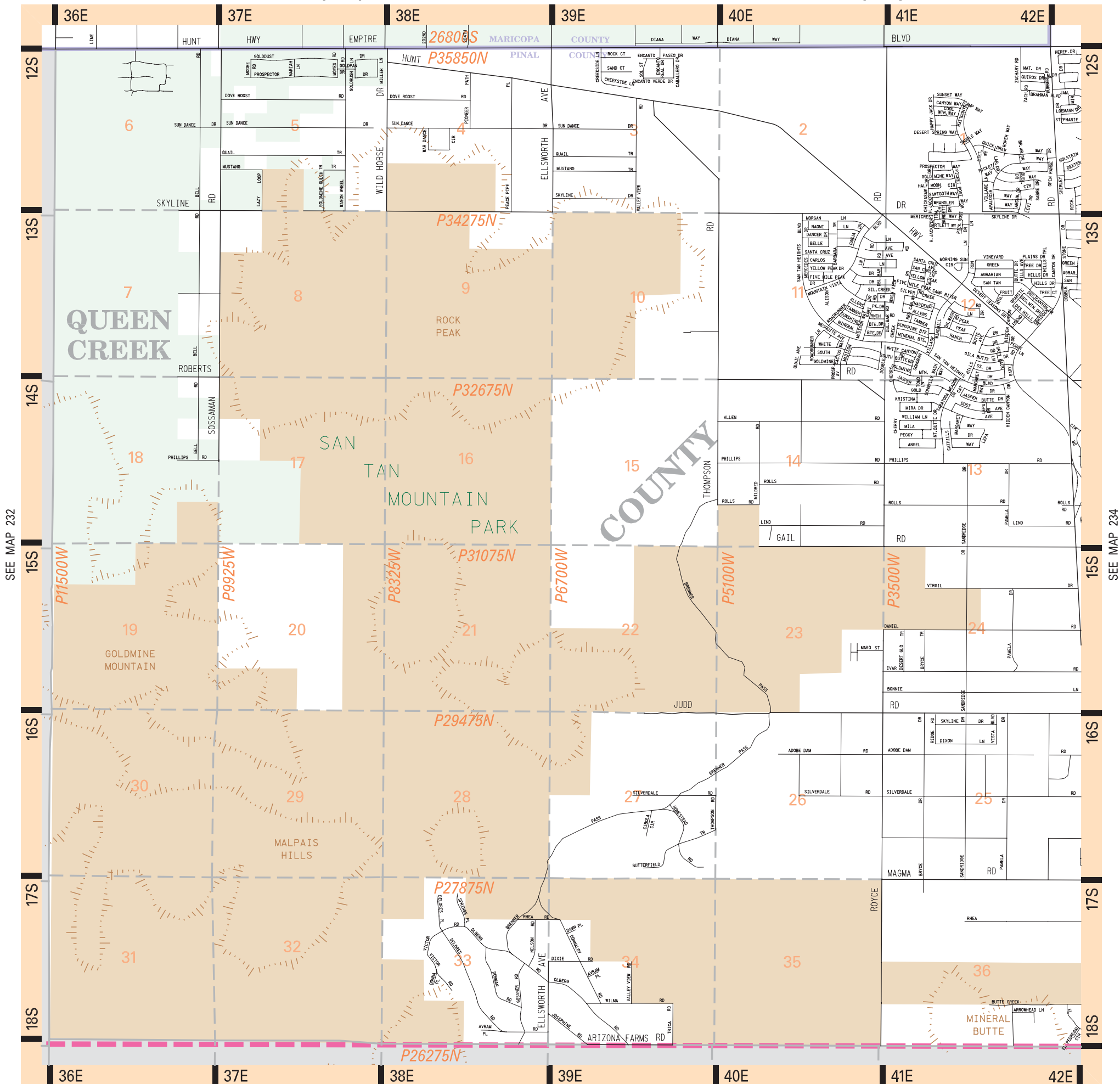


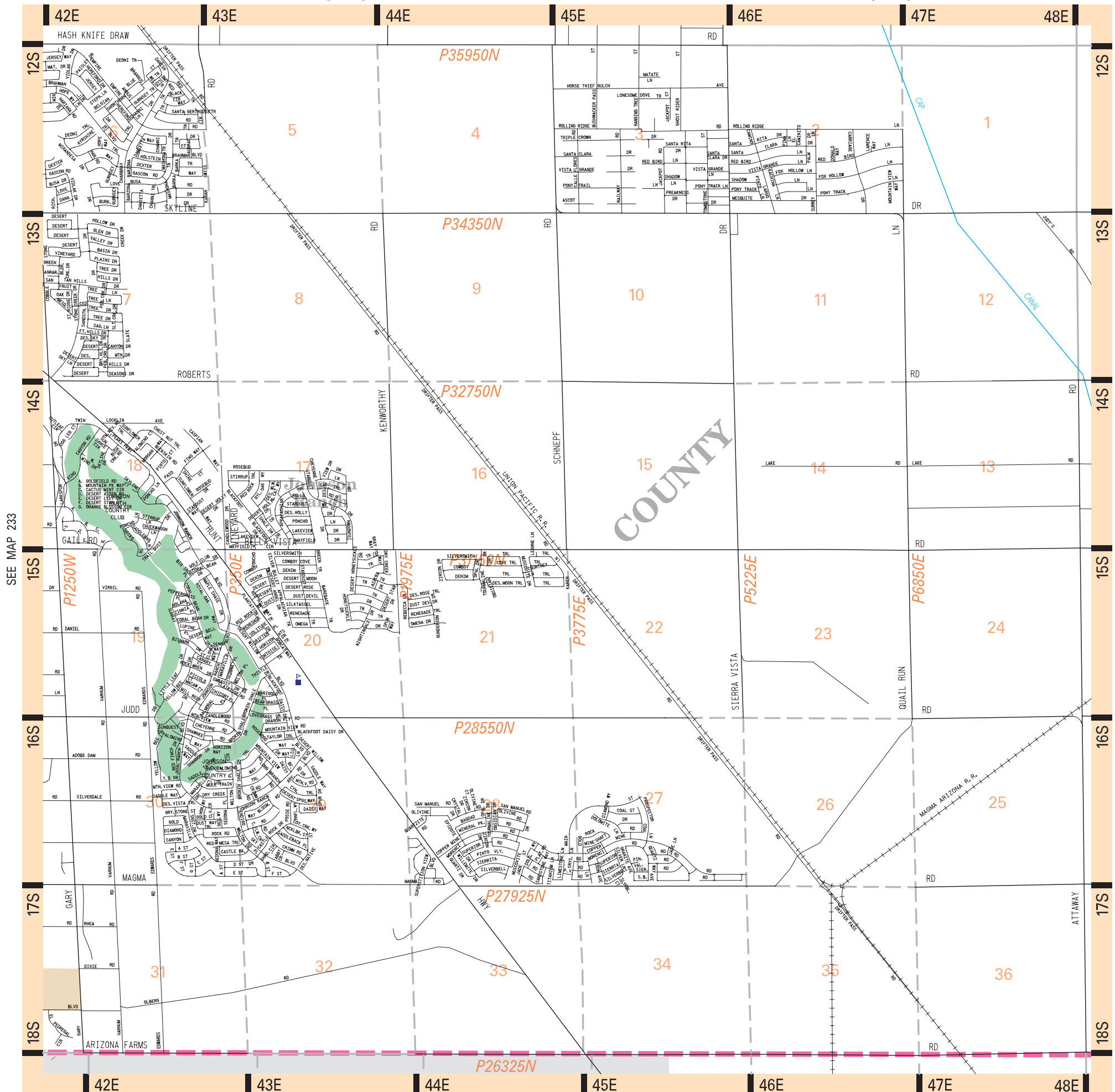
SEE MAP 229

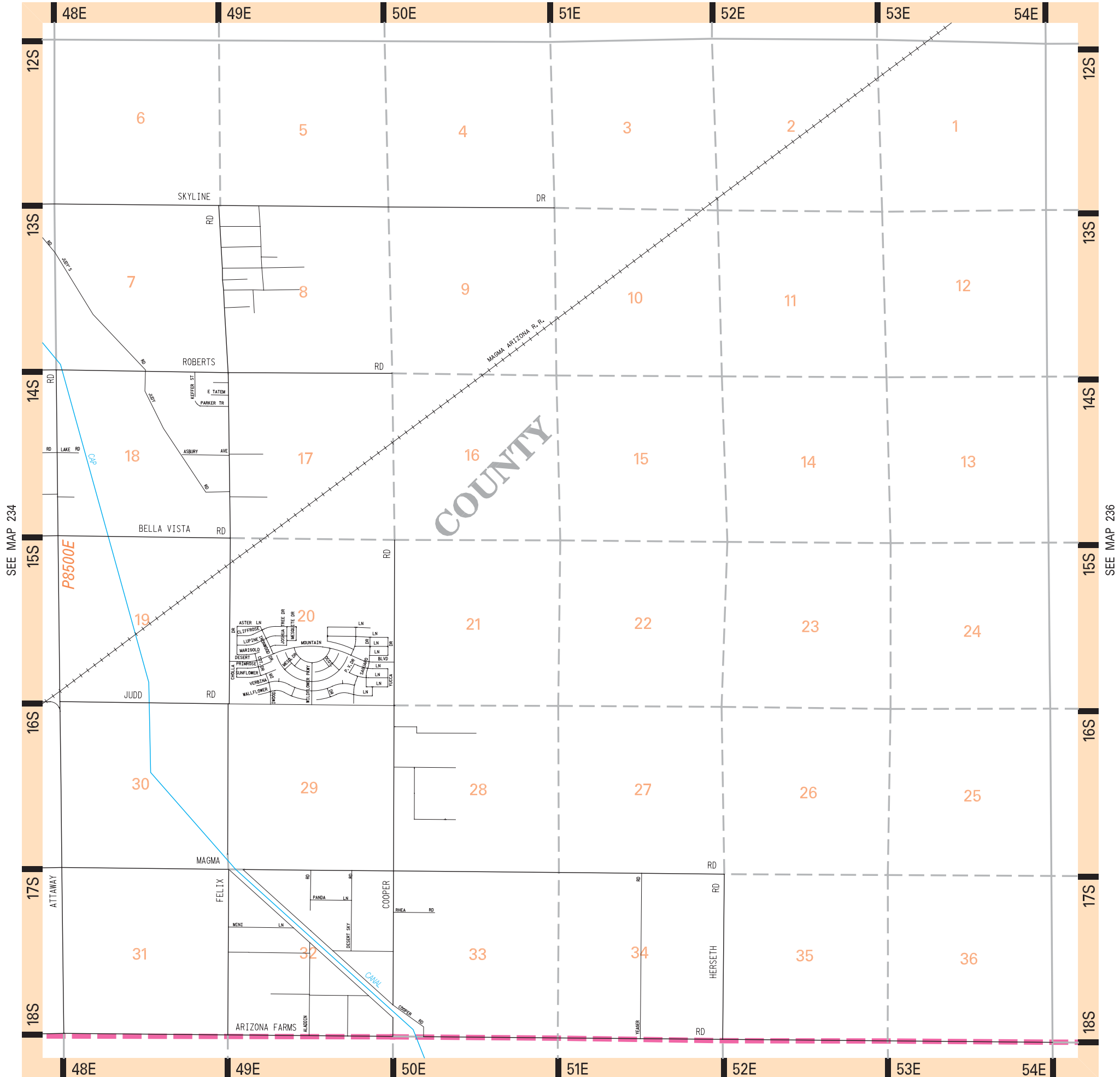
SEE MAP 231











SEE MAP 234

SEE MAP 236

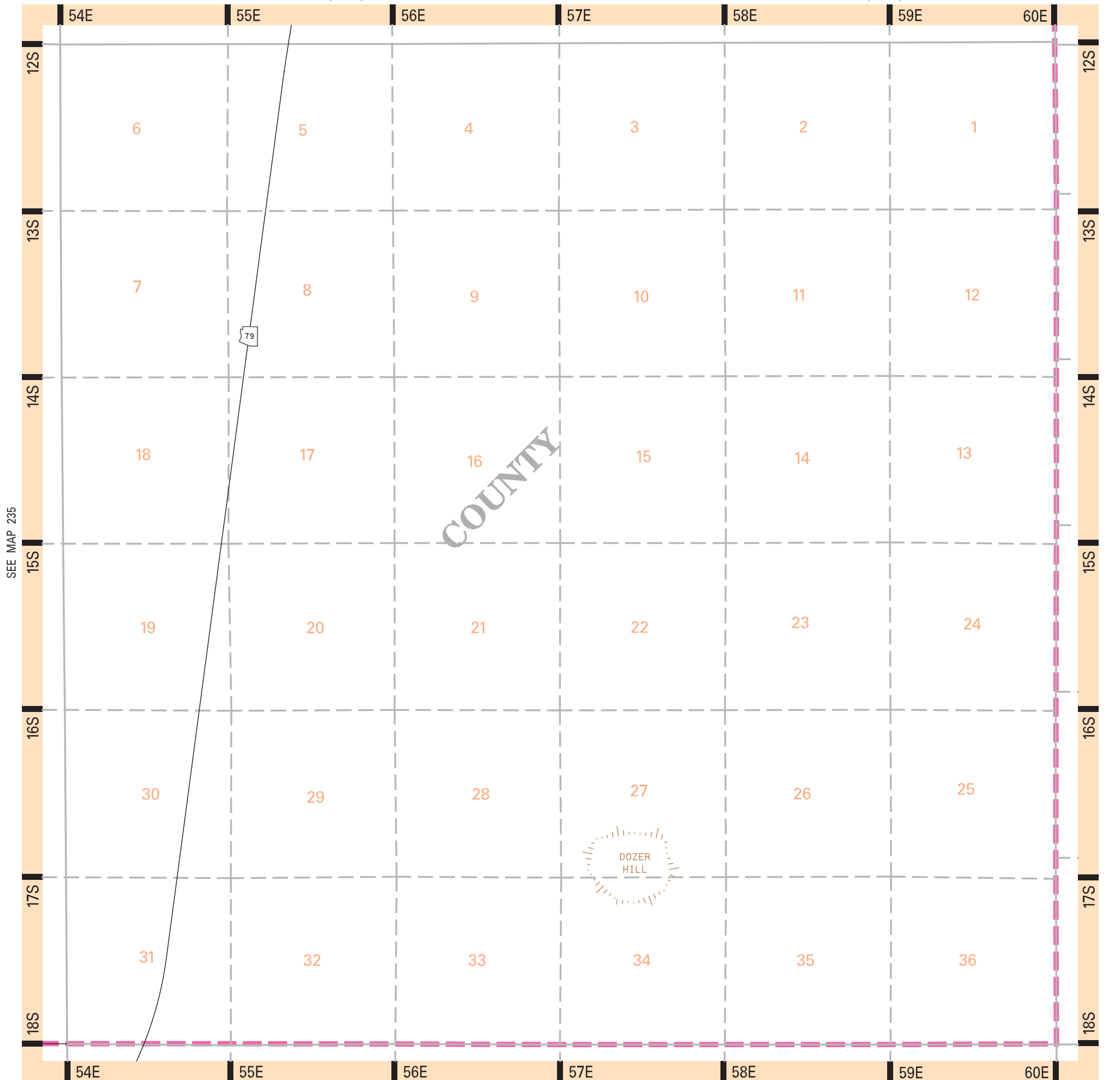
236

T3S R10E (XJ)

SEE MAP 216

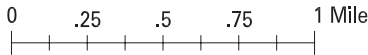
T3S R10E (XJ)

236



SEE MAP 235

236



Cartographic & GIS Services

236



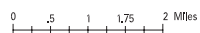
SEE MAP 133

SEE MAP SALT 02

SEE MAP 174

SEE MAP 175





LEGEND

100 Block Numbers

T3300S

Section Numbers

4

Lakes



Hospitals



Charter Elementary /Jr. High



Charter High Schools



Public Elementary /Jr. High



Public High Schools



Future Substations

(FUTURE)



Generating / Receiving Stations



Receiving Stations



SRP Facilities

POB



Substations

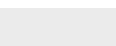
EXISTING



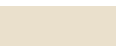
Incorporated Communities



Indian Reservations



National Forest Boundary



TEMPE

FORT McDOWELL
INDIAN COMMUNITY

TONTO NATIONAL FOREST

Colleges & Universities

A. S. U.

Parks

CHAPARAL
PARK

Desert Parks

USERY
PARK

Golf Courses

ARIZONA
COUNTRY CLUB

Shopping Centers

FIESTA
MALL

Mile or Major Roads

BASELINE RD

Proposed Freeways

RED MOUNTAIN
202 FWY

Interstate Highways

BLACK CANYON
17 FWY

U.S. Highways, State Routes

60 101

Exit Numbers

208

Railroads

UNION PACIFIC R. R.

Rivers

SALT RIVER

Canals

SOUTH CANAL

County Boundary

MARICOPA COUNTY
PINAL COUNTY

SRP Power Boundary





Electric System Mapping Symbols

Overhead Location

	Wood distribution pole		Capacitor bank
	Steel distribution pole		Line fuse
	Concrete distribution pole		Primary Meter
	Customer or foreign owned wood distribution pole		Blade disconnect switch
	Customer or foreign owned steel distribution pole		Open blade disconnect switch
	Customer or foreign owned concrete distribution pole		Gang operated switch
	Distribution pole structure		Open gang operated switch
	Customer or foreign owned pole structure		Remote control automated vacuum interrupt switch
	Distribution tower		Open remote control automated vacuum interrupt switch
	Overhead guy wire		Single phase sectionalizer
	Pole riser power mold		Sectionalizer
	Push pole		Recloser
	Street light luminaire		Antenna for DOC controlled switch
	Customer or foreign owned street light luminaire		Single transformer
	Street light luminaire on light pole		Single customer or foreign owned transformer
	Customer or foreign owned street light luminaire on light pole		Two transformers banked
	Dusk-to-dawn luminaire		Two customer or foreign owned transformers banked
	Customer or foreign owned dusk-to-dawn luminaire		Three transformers banked
	Dusk-to-dawn luminaire on light pole		Three customer or foreign owned transformers banked
	Customer or foreign owned dusk-to-dawn luminaire on light pole		Transformer location code
	Customer or foreign owned luminaire (Customer/municipal power only)		Substation and bay
	Customer or foreign owned luminaire on light pole (Customer/municipal power only)		Cogeneration
	Primary conductor, lateral	Index to symbol annotation CB# = Capacitor bank number (*) C = Current controlled F = Fixed PF = Power factor controlled RC = Remote controlled TP = Temperature controlled TM = Time controlled V = Voltage controlled CL = Pole class CO = Customer owned FT = Footage HT = Pole height LOC# = Last two digits of transformer location code M# = Mast arm SRP number NQ = Neutral quantity OW = Owner's initials PH = Phase Red = A phase Yellow = B phase Blue = C phase Q = Quantity SL# = SRP source load number SM = Size and material codes SW# = Switch number No suffix = Blade switch K suffix = Gang switch KL suffix = Gang switch with load break KLI suffix = DOC controlled switch KLS suffix = Remote controlled "smart switch" R suffix = Recloser S suffix = Sectionalizer V = Transmission voltage VS = Secondary voltage if other than 120/240V WR = Number of wire runs if other than 1	
	Primary conductor, feeder		
	Secondary conductor		
	Street light conductor		
	Service conductor		
	Transmission conductor		
	Conductor change arrow		
	Open double dead-end (primary or secondary)		
	Jumpered double dead-end (primary or secondary)		



Electric System Mapping Symbols - UG LOCATION

Facility or Item	Symbol & Annotation	Facility or Item	Symbol & Annotation
Distribution & Transmission Substations	SEE OVERHEAD SYMBOLS	Pull Box	PB
Poles, Pole Structures, Dusk to Dawn & Street Light Luminaidres	SEE OVERHEAD SYMBOLS	Communications Pull Box	CP-PAD*
Pole Riser	PR* (prim, only) Footage, SM	Pad Mounted Blade Disconnect Switch	PAD* Amps BDS
69kv Pole Riser	PRT* Footage	Pad Mounted Blade Disconnect Switch Enclosure	PAD* X.X.(Q) 3-Amps BDS OIL-M (Type If not AIR)
Abandonment (Symbol and annotation placed over abandoned facilities)		Pad Mounted Gang Operated Switch	PAD* GOS
Primary Conductor & Route Information	Q	Pad Mounted Gang Operated Switch Enclosure	PAD* X.X.(Q) Amps GOS VAC (Type If not AIR)
Foreign Owned Primary Conductor	OW	Pad Mounted 4-Way Gang Operated Switch	PAD* 4-GOS
Secondary Conductor		Pad Mounted Gang Operated Auto Throw Switch with Blades	PAD* Amps ATS 3-Amps BDS
Customer or Foreign Owned Secondary Conductor		Pad Mounted Gang Operated Auto Throw Switch with Fuses	PAD* Amps ATS 3-Amps
Service Conductor		Pad Mounted Recloser	PAD* R Amps
Customer or Foreign Owned Service Conductor		Pad Mounted Sectionalizer	PAD* S Amps
Street Light or Dusk to Dawn Conductor		Pad Mounted Gang Operated Switch with Vacuum Interruptor	PAD* 2-Amps GOS OIL 2-Amps VAC
Customer or Foreign Owned Street Light or Dusk to Dawn Conductor		Antenna for DDC Controlled Switch Steel Pole	PAD*
Transmission Conductor Route		Antenna for DDC Controlled Switch Wood Pole	PAD*
Communication Cable - Copper		Pad Mounted I-Phase Transformer	PAD* KVA-SRP*-Phase VS
Communication Cable - Fiber Optic RFS 2785		Customer Owned Pad Mounted I-Phase Transformer	PAD* SL* KVA or HP VS
Foreign Owned Communication Cable		3-Phase Bank, Two I-Phase, Pad Mounted Transformers	PAD* KVA-SRP*-Phase KVA-SRP*-Phase VS
Conductor Route Change Arrow		Customer Owned 3-Phase Bank, Two I-Phase, Pad Mounted Transformers	PAD* OW SL* KVA or HP VS
Conduit Index		3-Phase Bank, Three I-Phase, Pad Mounted Transformers	PAD* KVA-SRP*-Phase KVA-SRP*-Phase KVA-SRP*-Phase VS
Conduit Sleeve with Electronic Marker		Customer Owned 3-Phase Bank, Three I-Phase, Pad Mounted Transformers	PAD* SL* SL* KVA or HP VS
Service Conduit		3-Phase Pad Mounted Radial Fed or Loop Thru Transformer	PAD* KVA-SRP*
Encased Service Conduit		Customer owned 3-Phase Pad Mounted Transformer	PAD* OW SL* KVA or HP VS
Conduit Elbow		I-Phase Doghouse	PAD* DH KVA-SRP*-Phase
Conduit Change		3-Phase Doghouse	PAD* DH KVA-SRP*
Casing		Sale/Lease Back Line	
Pad Mounted Capacitor Bank	PAD* CB* KVAR(*)		
Future Pad Mounted Capacitor Bank	PAD* FUTURE		
Three Phase Pulling Enclosure	PAD*		
Single Phase Pulling Enclosure	PAD*		
Pulling Enclosure for Future Transformer	PAD*		
Pad Mounted Fuse	PAD*		
Junction Box			
Customer Owned Junction Box			
Manhole	MH-PAD* SHP		
Transmission Manhole	MHT SHP		
Communications Manhole	CM-PAD* SHP		
Customer Owned Manhole	CO SHP		
Meter Pedestal			
Mole Assembly			
Vault	BV- or V-PAD*		
Secondary T-Tap			
Pad Mounted Primary Meter	PAD* SL* KVA or HP		
Pad Mounted I-Phase Primary Tap	PAD*		
Pad Mounted 2-Phase Primary Tap	PAD*		
Pad Mounted 3-Phase Primary Tap	PAD*		

Index to Symbol Annotation

Amps = Current Rating in Amperes
A* = Number of Abandoned Conduit
CAS = Casing Size
CB* = Capacitor Bank Number
(*)C = Controlled, Current
F = Fixed
PF = Controlled, Power Factor
RC = Controlled, Remote
TP = Controlled, Temperature
TM = Controlled, Time
V = Controlled, Voltage
CI = Conduit Index (SM, MAT-EN-color-banked)
CO = Customer Owned
CS = Cable Size if other than 22
D* = Number of Ducts
EN = Encasing Type
FC = Fiber Count
HP = Horse Power
kVA = Electric Load Rating
KVAR = Kilovolt Ampere Reactive
MAT = Material Type
OW = Owner's Initials
NI = Neutral Indicator
NQ = Neutral Wire Quantity
P = Primary Index Q-SM+NQ-SM(NI)
PA = Number of Pairs if other than 25
PAD* = Pad Number
AP = Antenna Pole
P = Transformer
PD = Dead Front Pad
PDC = DDC Controlled Switch
PDI or PRI = DDC Controlled Switch - VFI Application
PDP = Pulling Enclosure
PDS or PRS = S&C Remote Control 'Smart' Switch
PDT = Primary Tap
PE = Live Front Pad
PEA = Live Front Autothrow
PM = Primary Meter
PR* = Primary Pole Riser Number
Secondary Pole Risers have no Number
Q = Quantity
S* = Number of Spare Ducts
SHP = Manhole Shape
SL* = SRP Source Load Number
SM = Size & Material Codes
VS = Secondary Voltage
WR = Number of Wire Runs if other than 1

SRP makes no representation as to the accuracy of this mapping product nor as to its fitness for a particular purpose.