NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Arizona Central State Plane zone (FIPSZONE 0202), International Feet. The **horizontal datum** was NAD 83, HPGN/HARN GRS80 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, NINGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at **(301) 713-3242**, or visit its website at http://www.ngs.noaa.gov.

Base map information shown on this FIRM was derived from multiple sources. Base map imagery for eastern Pima County was provided in digital format by the Pima Association of Governments. These data were developed at 1-foot Ground Sample Distance (GSD) from color aerial photography flown in 2002. Base map imagery for western Pima County was derived from USGS Imagery available for the State of Arizona and produced at a scale of 1:12,000 from photography dated 2006 and 2007.

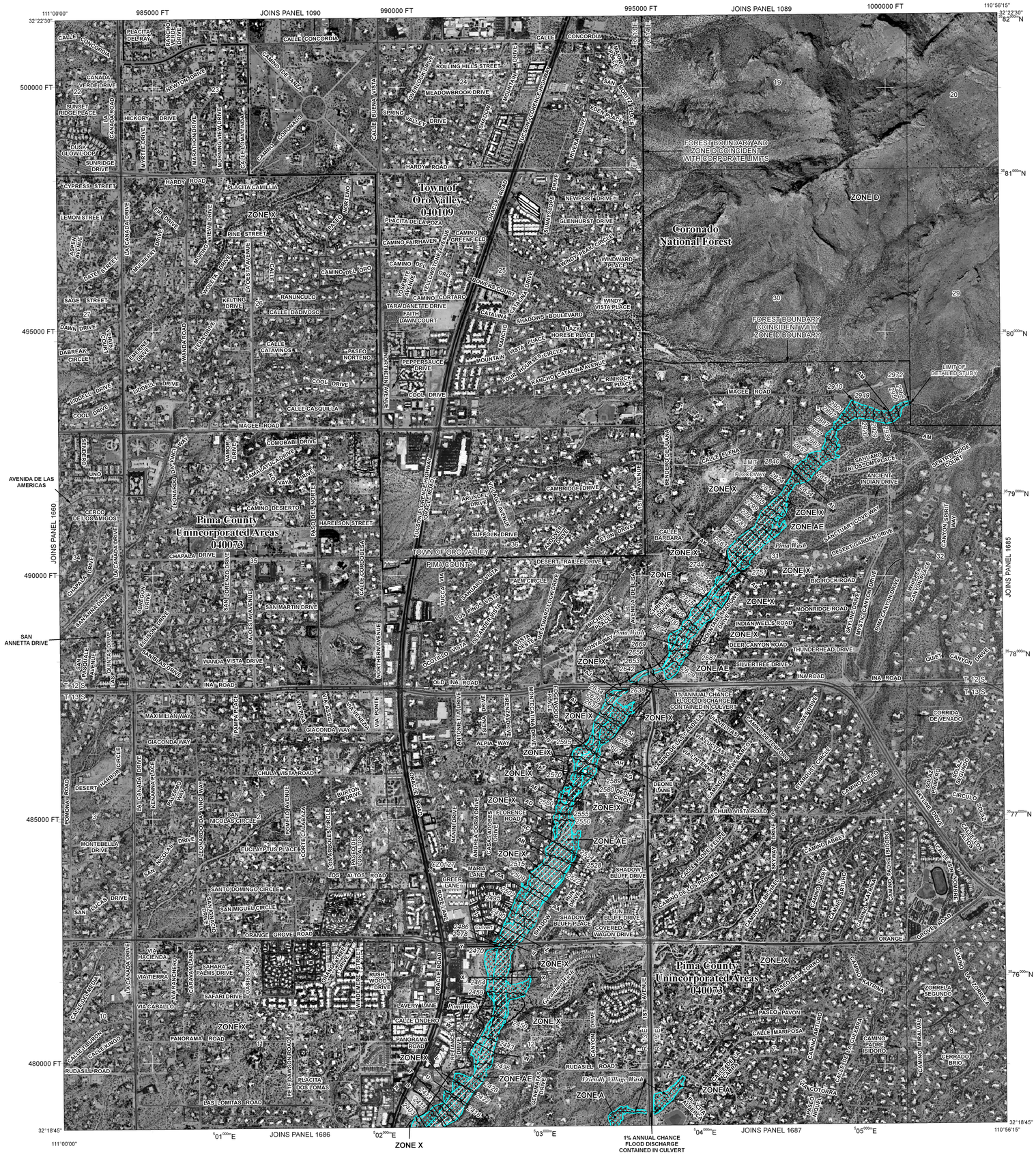
This map may reflect more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on **available products** associated with this FIRM, visit the Map Service Center (MSC) website at http://msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have **questions about this map**, how to order products, or the National Flood Insurance Program in general, please call the FEMA Map Information eXchange (FMIX) at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/business/nfip.


111°00'00"
32°22'30"
985000 FT
JOINS PANEL 1090
990000 FT
995000 FT
JOINS PANEL 1089
1000000 FT
110°56'15"
32°22'30"
500000 FT
495000 FT
490000 FT
485000 FT
480000 FT
32°18'45"
JOINS PANEL 1660
JOINS PANEL 1685
JOINS PANEL 1686
JOINS PANEL 1687
Town of Oro Valley 040109
Pima County Unincorporated Areas 040073
Coronado National Forest
FOREST BOUNDARY AND ZONE D COINCIDENT WITH CORPORATE LIMITS
FOREST BOUNDARY COINCIDENT WITH ZONE D BOUNDARY
ZONE D
ZONE X
ZONE AE
ZONE A
1% ANNUAL CHANCE FLOOD DISCHARGE CONTAINED IN CULVERT
LIMIT OF DETAILED STUDY
LIMIT OF FLOODWAY
Pima Wash
Friendly Village Wash
TOWN OF ORO VALLEY
PIMA COUNTY
CALLE CONCORDIA
CANADA VERDE DRIVE
NEWTON DRIVE
HICKORY DRIVE
MARATHON DRIVE
MORNING VIEW DRIVE
CAMINO CORONADO
CALLE BUENA VISTA
ROLLING HILLS STREET
MEADOWBROOK DRIVE
SPRING VALLEY DRIVE
HARDY ROAD
NEWPORT DRIVE
GLENHURST DRIVE
WINDY PEAK CIRCLE
WINDWARD PLACE
CAMINO GREENFIELD
CAMINO FAIRHAVEN
CAMINO DEL ORO
CAMINO CORTARO
TARA DANETTE DRIVE
FAITH DAWN COURT
CATALINA SHADOWS BOULEVARD
WINDY VISTA PLACE
LAZY HORSE PLACE
RANCHO VISTA CIRCLE
RANCHO CATALINA AVENUE
RIMROCK PLACE
PEPPERSAUCE DRIVE
MOUNTAIN VIEW DRIVE
PLACITA CAMILLA
PINE STREET
LEMON STREET
CYPRESS STREET
DATE STREET
SAGE STREET
DAWN DRIVE
DABREAK CIRCLE
RANUNCULO
CALLE DADIVOSO
CALLE CATAVINOS
PASEO NORTEND
COOL DRIVE
CALLE CASQUILLA
MAGEE ROAD
LA CANADA DRIVE
MULBERRY TABLE
ASPEN AVENUE
KEATING DRIVE
WANDA ROAD
TERRENCE DRIVE
LIDDELL DRIVE
GOMOBABI DRIVE
SARAVAIA DRIVE
VAYA DRIVE
CAMINO DESIERTO
HARELSON STREET
PASO DEL NORTE
CERRO DE LOS AMIGOS
CHAPALA DRIVE
SAN ANTONITO DRIVE
SAN MARTIN DRIVE
SAN ANNETTA DRIVE
WANDA VISTA DRIVE
INA ROAD
OLD INA ROAD
CAMBRIDGE DRIVE
ARUNDEL DRIVE
SUFFOLK DRIVE
ANDOVER DRIVE
LEON DRIVE
DESERT TRAILEE DRIVE
PALM CIRCLE
CALLE BARBARA
CALLE ELENA
SANTA BLOSSOM PLACE
ANCIENT INDIAN DRIVE
SENTER RIDGE COURT
SANCTUARY COVE WAY
DESERT GARDEN DRIVE
BIG ROCK ROAD
MOONRIDGE ROAD
INDIAN WELLS ROAD
DEER CANYON ROAD
THUNDERHEAD DRIVE
SILVERTREE DRIVE
CANYON SPIRIT WAY
CHIEF CANYON DRIVE
PIMA CANYON DRIVE
CORRIDA DE VENADO
CHULA VISTA ROAD
DEONE LANE
DEONE CIRCLE
CAMINO DE LA SANTILLA
CAMINO DE LA MATANZA
CAMINO DE LOS RIOS
CAMINO DESCANSO
CAMINO DE ORO
CAMINO ABREO
CAMINO LIBBY
CAMINO ARTURO
CAMINO KATRINA
CAMINO PADRE ISIDORO
CAMINO DE LAS CASAS
CAMINO DE LOS PADRES
CALLE PADRE FELIPE
SKYWAY DRIVE
SHADOW BLUFF DRIVE
SHADOW BLUFF PLACE
COVERED WAGON DRIVE
ORANGE GROVE ROAD
SOLANO DRIVE
CIRCULO SOLANO
CAMINO CERRO
CAMINO DE ORO
CALLE CONCORDIA
CALLE CONCORDIA
CALLE CONCORDIA