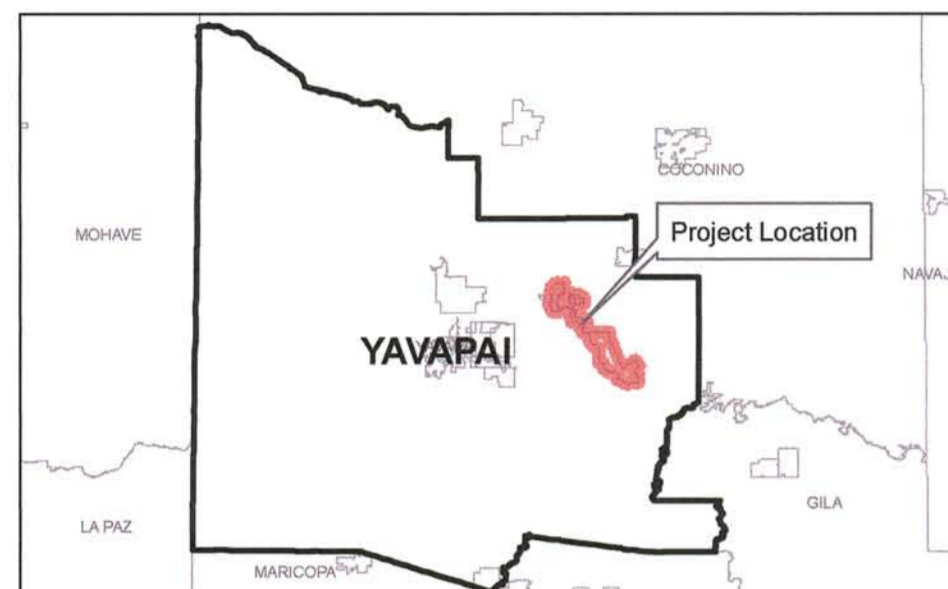




VERDE RIVER FLOOD HAZARD ASSESSMENT IN SUPPORT OF A FLOODPLAIN REDELINEATION FOR YAVAPAI COUNTY, ARIZONA.

PROJECT NUMBER: FC0139
HDR PROJECT NUMBER: 114474



PROJECT LOCATION

THIS PROJECT IS LOCATED NORTH OF THE TOWN OF CLARKDALE FROM THE EFFECTIVE FEMA CROSS SECTION "DJ", CONTINUING SOUTH OF CAMP VERDE TO THE FOREST SERVICE BOUNDARY, ADJACENT TO BEASLEY FLAT, WITHIN YAVAPAI COUNTY, ARIZONA.

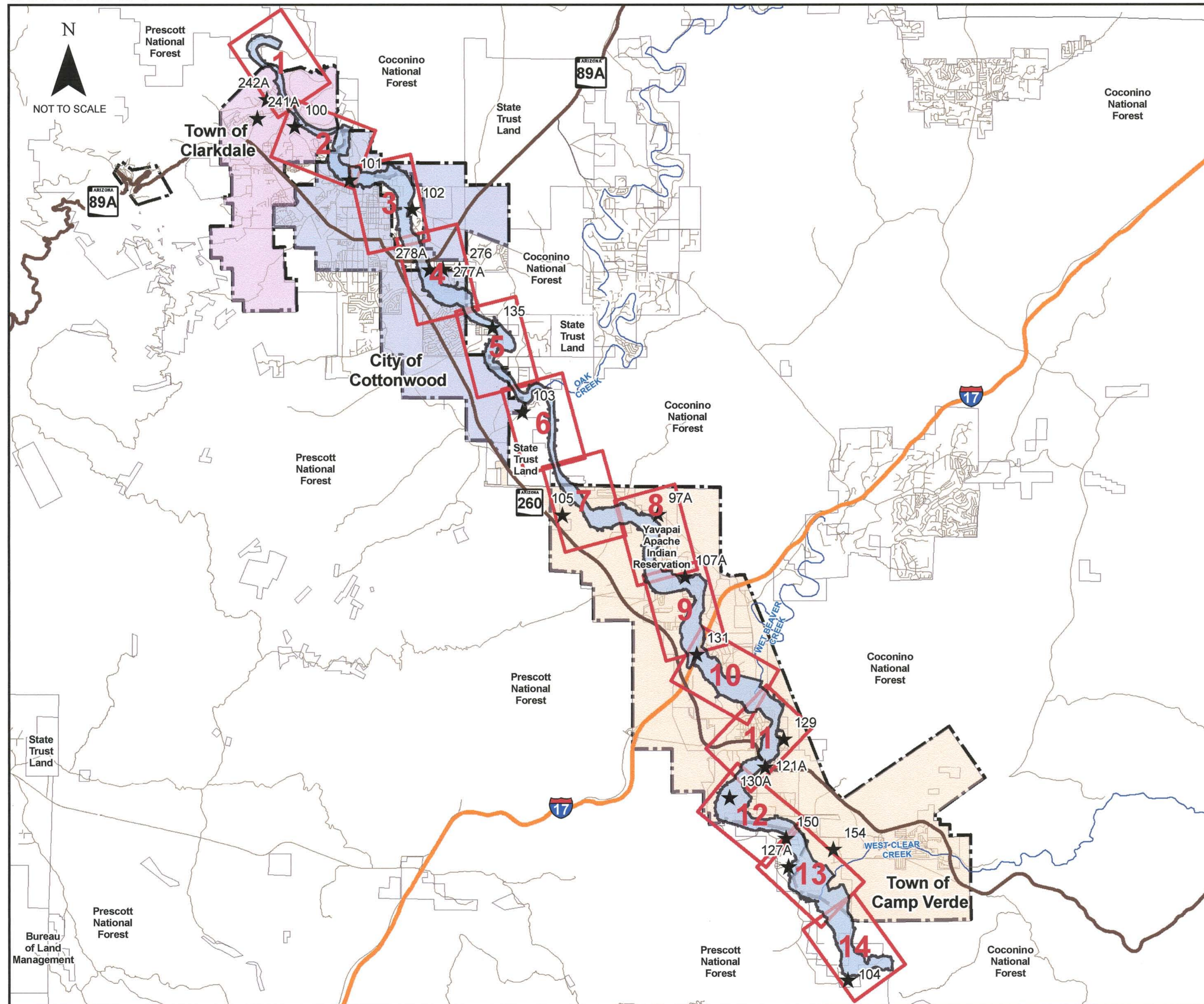
AUTHORITY FOR STUDY

THE YAVAPAI COUNTY FLOOD CONTROL DISTRICT (YCFCD) HAS CONTRACTED HDR TO PREPARE THIS STUDY UNDER PROJECT NUMBER FC0139.

BENCHMARKS (NAD83 & NAVD 88)

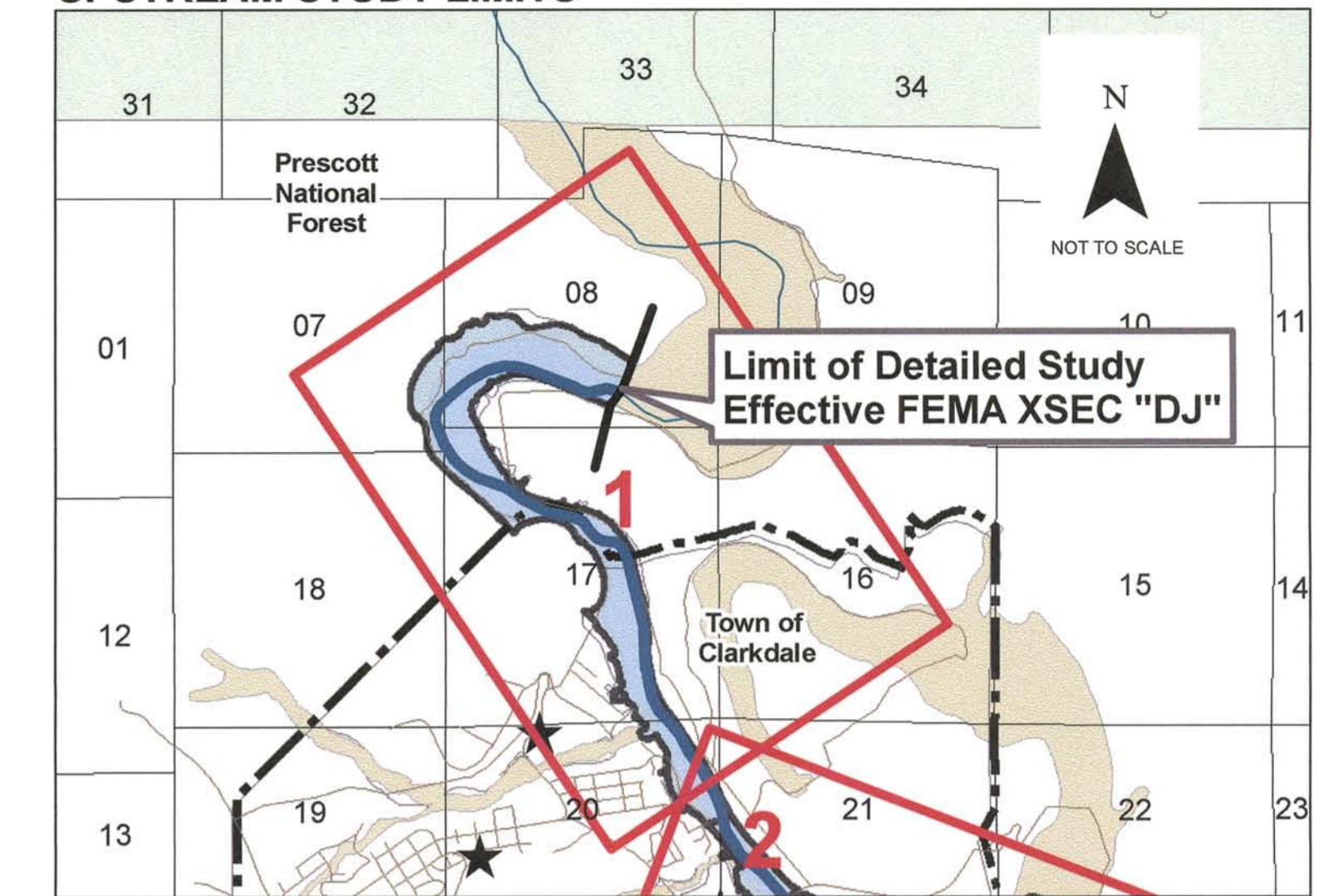
BM ID:	PHYSICAL DETAILS:
SHEET #1, 242A	NORTHING: 1373928.875 EASTING: 658251.509 ELEVATION: 3456.57
SHEET#2, 100	NORTHING: 1370490.741 EASTING: 661613.469 ELEVATION: 3416.50
SHEET#3, 102	NORTHING: 1360231.857 EASTING: 676159.851 ELEVATION: 3288.10
SHEET#4, 278A	NORTHING: 1352852.108 EASTING: 679984.977 ELEVATION: 3268.77
SHEET#5, 135	NORTHING: 1345559.231 EASTING: 686118.968 ELEVATION: 3248.12
SHEET#6, 103	NORTHING: 1335154.481 EASTING: 689785.875 ELEVATION: 3426.93
SHEET#7, 105	NORTHING: 1322403.048 EASTING: 694729.237 ELEVATION: 3133.87
SHEET#8, 97A	NORTHING: 1322235.638 EASTING: 707045.897 ELEVATION: 3196.93
SHEET#9, 107A	NORTHING: 1314708.168 EASTING: 709971.677 ELEVATION: 3130.23
SHEET#10, 131	NORTHING: 1305135.222 EASTING: 711348.503 ELEVATION: 3119.44
SHEET#11, 129	NORTHING: 1294574.845 EASTING: 722117.731 ELEVATION: 3103.91
SHEET#12, 130A	NORTHING: 1287332.607 EASTING: 715380.581 ELEVATION: 3060.15
SHEET#13, 127A	NORTHING: 1278765.989 EASTING: 722643.948 ELEVATION: 3040.52
SHEET#14, 104	NORTHING: 1264767.364 EASTING: 730041.291 ELEVATION: 3012.42

INDEX MAP:

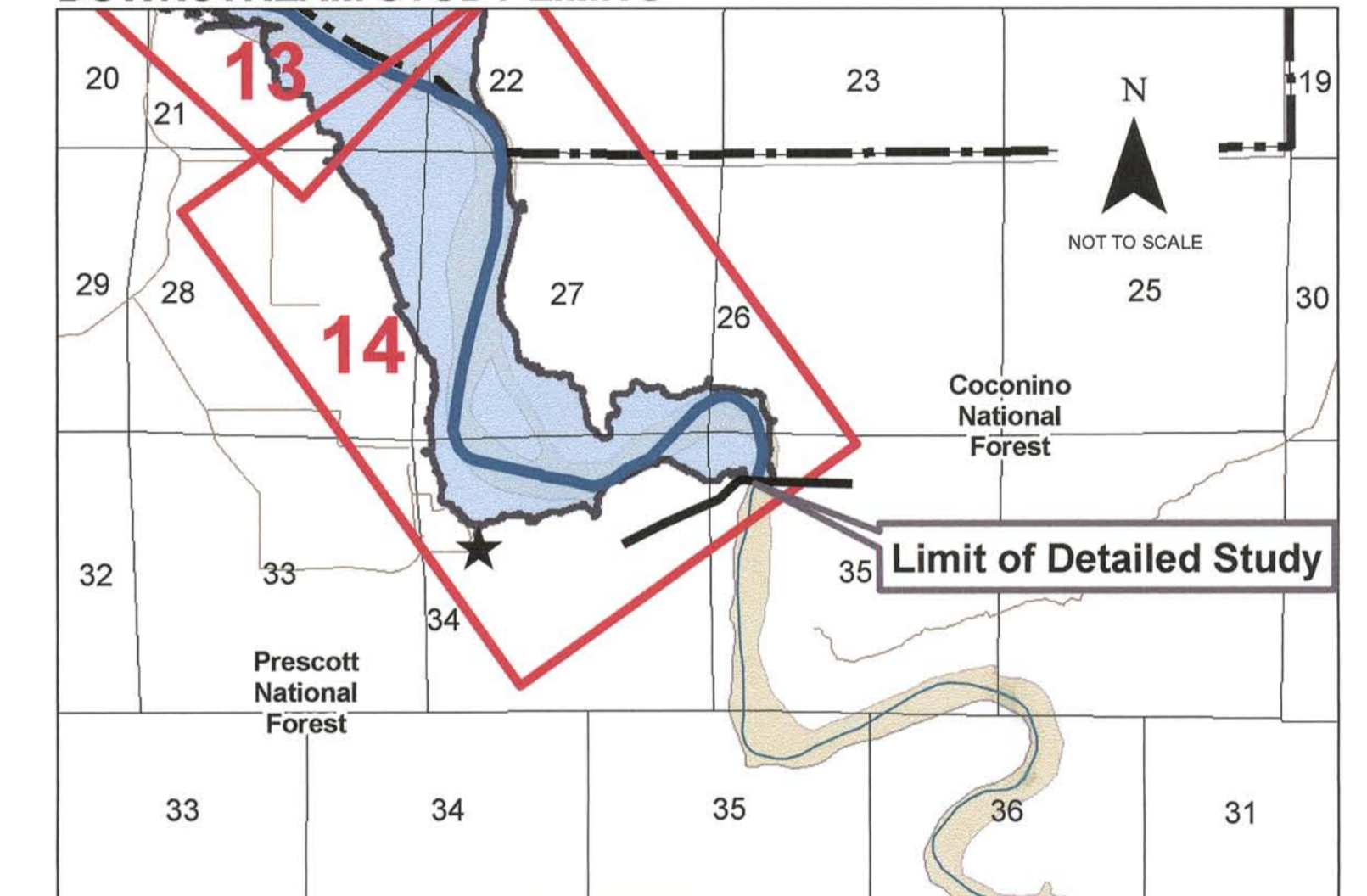


This project is located within the Town of Clarkdale, City of Cottonwood, Town of Camp Verde, and Unincorporated Areas within Yavapai County, Arizona

UPSTREAM STUDY LIMITS



DOWNSTREAM STUDY LIMITS



PARTICIPATING COMMUNITIES:

PARTICIPATING COMMUNITIES:	COMMUNITY NUMBER:
CLARKDALE, TOWN OF	040095
COTTONWOOD, CITY OF	040096
CAMP VERDE, TOWN OF	040131
YAVAPAI COUNTY, UNINCORPORATED AREAS	040093
DATE OF LAST REVISION: JUNE 6, 2001	

SURVEY STATEMENT

I, PATRICK NAVILLE, AN ARIZONA REGISTERED LAND SURVEYOR, CERTIFY THAT THE FIELD SURVEYS, DOCUMENTED HEREIN, ALONG WITH ALL FIELD AND OFFICE PROCESS PROCEDURES USED DURING THE COURSE OF THIS SURVEY, WERE PERFORMED UNDER MY DIRECT SUPERVISION, AND THAT THESE SURVEYS, ARE RETRACEABLE, AND REPEATABLE. FURTHER, I CERTIFY THAT THE SURVEY REPORT WAS PREPARED UNDER MY DIRECT SUPERVISION, AND THAT THE COORDINATE VALUES AND THEIR ACCURACIES, AS SHOWN IN THE REPORT, ARE CORRECT.

PATRICK NAVILLE
AZ RLS #13015



AERIAL PHOTOGRAPHY PREPARED BY AERIAL DATA SERVICE, INC.
FLIGHT DATE: APRIL 24, 2007 PHOTO SCALE: 1"=800'

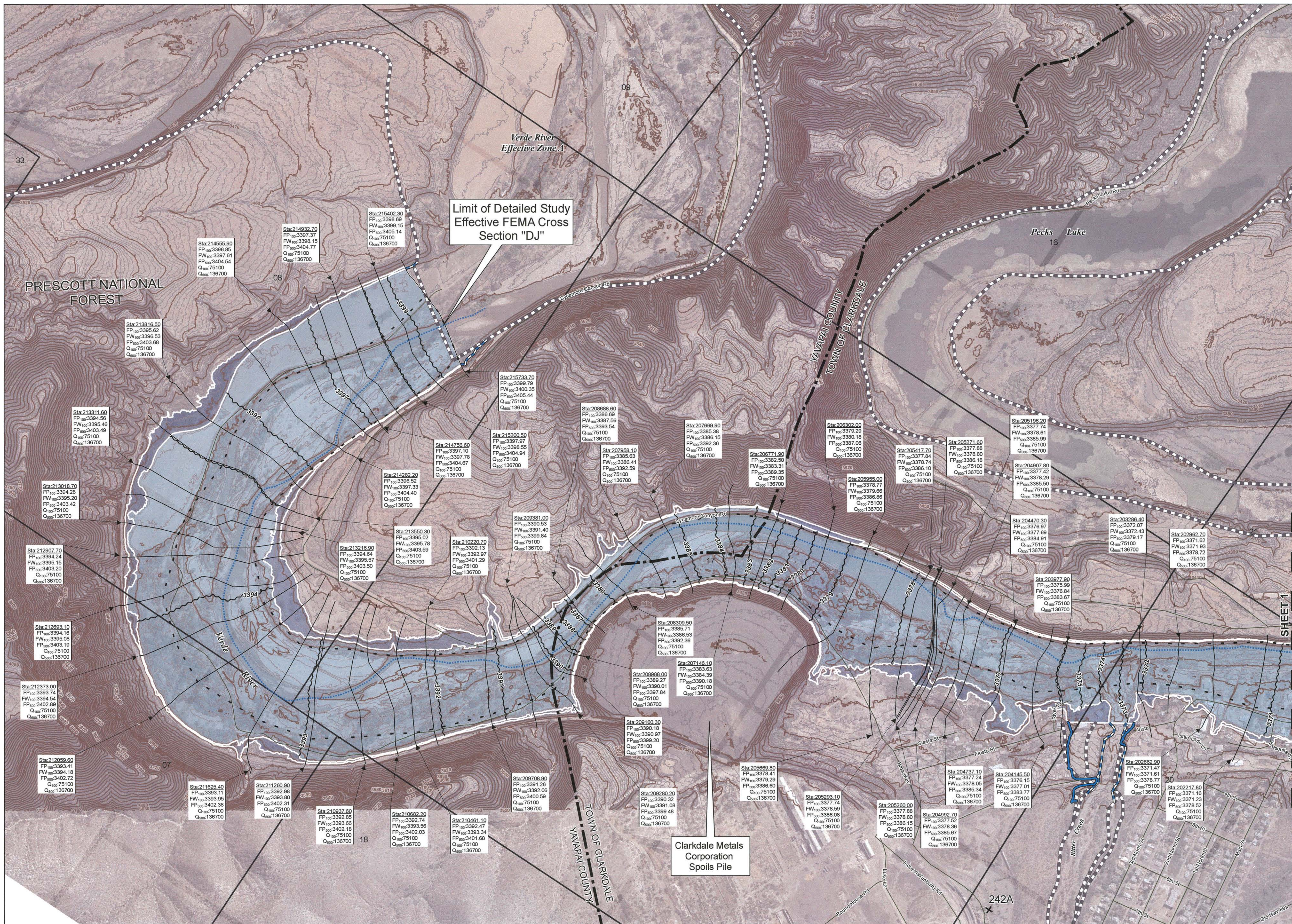
TOPOGRAPHIC MAPPING PREPARED BY VERTICAL MAPPING RESOURCES INC.
FLIGHT DATES: APRIL 2007 THROUGH MAY 2007
PREPARED UNDER CONTRACT J070327 FOR YAVAPAI COUNTY, AZ.

GROUND CONTROL SURVEY DATA PREPARED BY RST LAND SURVEYING INC.
GROUND CONTROL/ELEVATION REFERENCE MARKS FOR HORIZONTAL AND VERTICAL SURVEY CONTROL ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) RESPECTIVELY.

LIDAR COLLECTED BY FUGRO/EARTHDATA (FORMERLY HORIZONS INC.)
LIDAR ACQUIRED AT 1 METER POST SPACING FOR 193 SQUARE MILE AREA.

CONTENTS OF THIS MAP WERE PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1" = 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.





Legend

- 100-YEAR WATER SURFACE ELEVATION
- CROSS SECTION CUT LINES
- RIVER ALIGNMENT
- COUNTY ROADWAYS
- ADOT HIGHWAYS
- PROPOSED 100-YEAR FLOODPLAIN
- PROPOSED 500-YEAR FLOODPLAIN
- PROPOSED FLOODWAY
- PROPOSED 100-YEAR TRIBUTARY TIE-IN
- PROPOSED 500-YEAR TRIBUTARY TIE-IN
- BENCHMARK REFERENCE
- SECTION LINES
- JURISDICTIONAL BOUNDARY
- 2 FOOT ELEVATION CONTOURS
- 10 FOOT ELEVATION CONTOURS
- EFFECTIVE TRIBUTARY FLOODPLAIN

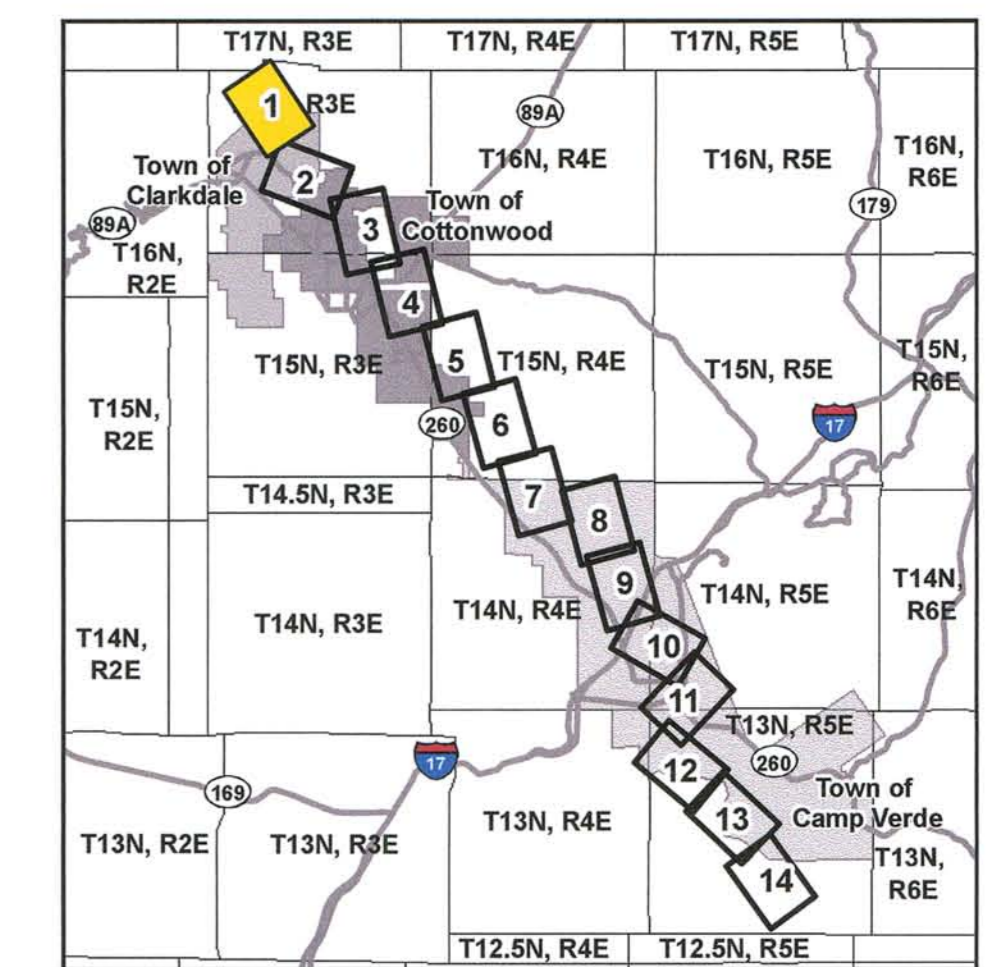
BENCHMARK INFORMATION:
 BM ID: 242A
 DATUM: NAVD 88, ELEVATION: 3456.57
 NORTHING: 1373928.875, EASTING: 658251.509
 EXISTING CONTROL MONUMENT

GENERAL CONVERSION FROM NAVD 88 TO NGVD 29
 FOR THIS MAP'S LIMITS, SUBTRACT 2.48 FEET.



SCALE: 1" = 400'
 CONTOUR INTERVAL = 2'

INDEX MAP



AERIAL PHOTOGRAPHY PREPARED BY AERIAL DATA SERVICE, INC.
 FLIGHT DATE: APRIL 24, 2007 PHOTO SCALE: 1"=600'

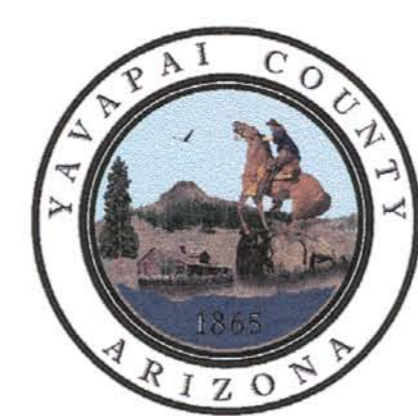
TOPOGRAPHIC MAPPING PREPARED BY VERTICAL MAPPING RESOURCES INC.
 FLIGHT DATES: APRIL 2007 THROUGH MAY 2007
 PREPARED UNDER CONTRACT J070327 FOR YAVAPAI COUNTY, AZ.

GROUND CONTROL SURVEY DATA PREPARED BY RST LAND SURVEYING INC.
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 ACCURACY STANDARDS FOR 1" = 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

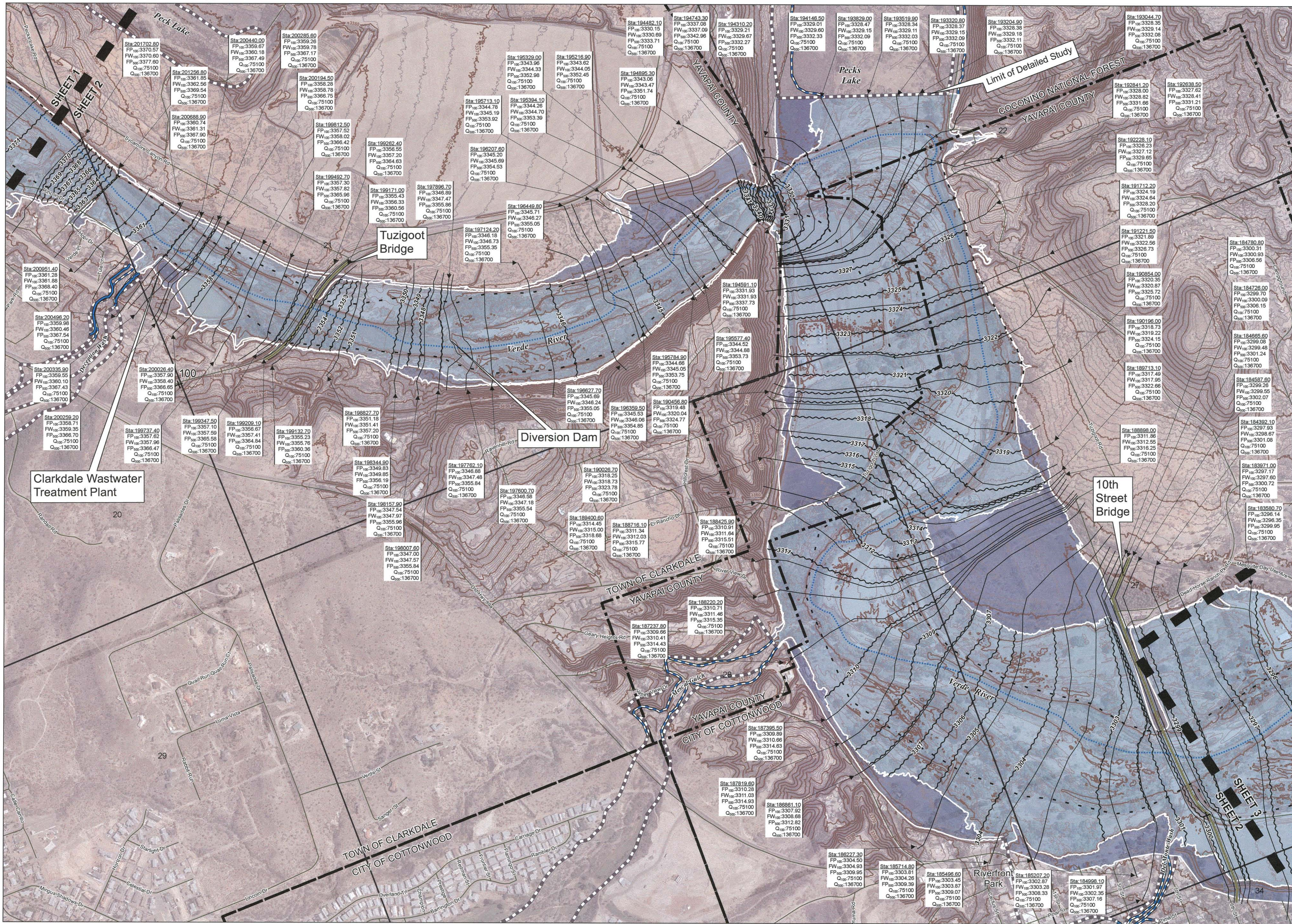
FLOODPLAIN DELINEATION WORK MAP FOR VERDE RIVER



VERDE RIVER FLOOD HAZARD
 ASSESSMENT IN SUPPORT OF A
 FLOODPLAIN REDELINEATION
 FOR YAVAPAI COUNTY, ARIZONA

YCFCD PROJECT NUMBER: FC0139
 HDR PROJECT NUMBER: 114474



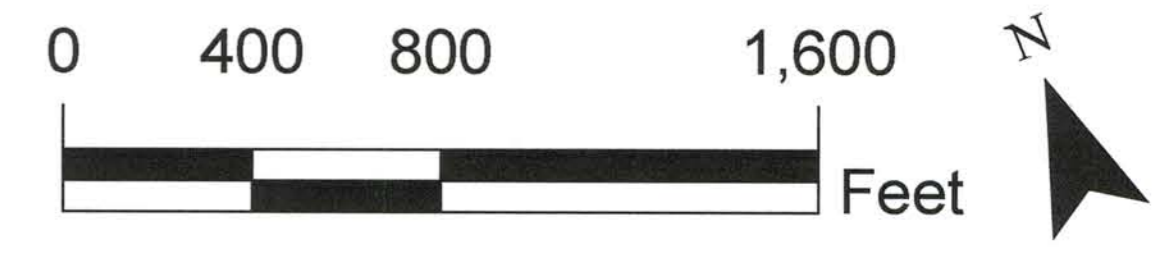


Legend

- 100-YEAR WATER SURFACE ELEVATION
- CROSS SECTION CUT LINES
- RIVER ALIGNMENT
- COUNTY ROADWAYS
- ADOT HIGHWAYS
- PROPOSED 100-YEAR FLOODPLAIN
- PROPOSED 500-YEAR FLOODPLAIN
- PROPOSED FLOODWAY
- PROPOSED 100-YEAR TRIBUTARY TIE-IN
- PROPOSED 500-YEAR TRIBUTARY TIE-IN
- BENCHMARK REFERENCE
- SECTION LINES
- JURISDICTIONAL BOUNDARY
- 2 FOOT ELEVATION CONTOURS
- 10 FOOT ELEVATION CONTOURS
- EFFECTIVE TRIBUTARY FLOODPLAIN

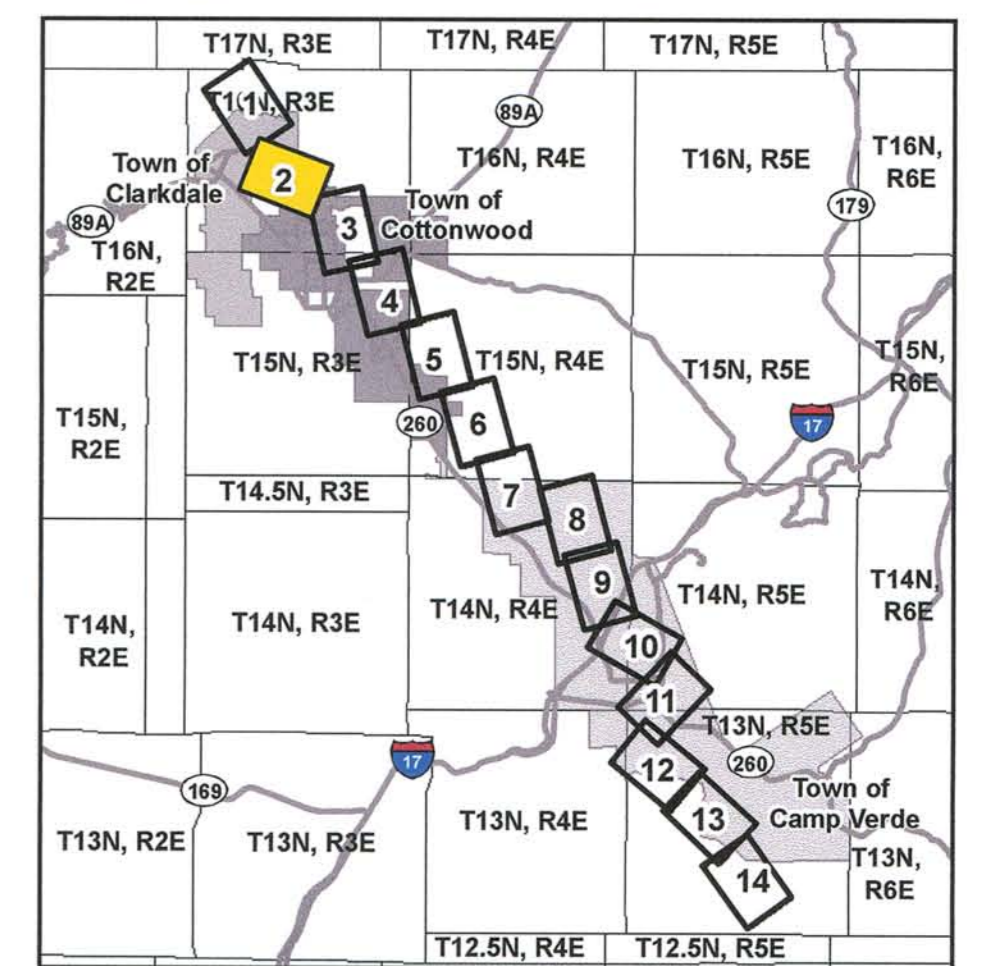
BENCHMARK INFORMATION:
 BM ID: 100
 DATUM: NAVD 88, ELEVATION: 3416.50
 NORTHING: 1370490.741, EASTING: 661613.469
 EXISTING CONTROL MONUMENT

GENERAL CONVERSION FROM NAVD 88 TO NGVD 29
 FOR THIS MAP'S LIMITS, SUBTRACT 2.48 FEET.



SCALE: 1" = 400'
 CONTOUR INTERVAL = 2'

INDEX MAP



AERIAL PHOTOGRAPHY PREPARED BY AERIAL DATA SERVICE, INC.
 FLIGHT DATE: APRIL 24, 2007 PHOTO SCALE: 1"=600'

TOPOGRAPHIC MAPPING PREPARED BY VERTICAL MAPPING RESOURCES INC.
 FLIGHT DATES: APRIL 2007 THROUGH MAY 2007
 PREPARED UNDER CONTRACT J070327 FOR YAVAPAI COUNTY, AZ.

GROUND CONTROL SURVEY DATA PREPARED BY RST LAND SURVEYING INC.
 GROUND CONTROL ELEVATION REFERENCE MARKS FOR HORIZONTAL AND VERTICAL SURVEY CONTROL ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88) RESPECTIVELY.

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 LIDAR ACQUIRED AT 1 METER POST SPACING FOR 193 SQUARE MILE AREA.

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FLOODPLAIN DELINEATION WORK MAP FOR VERDE RIVER



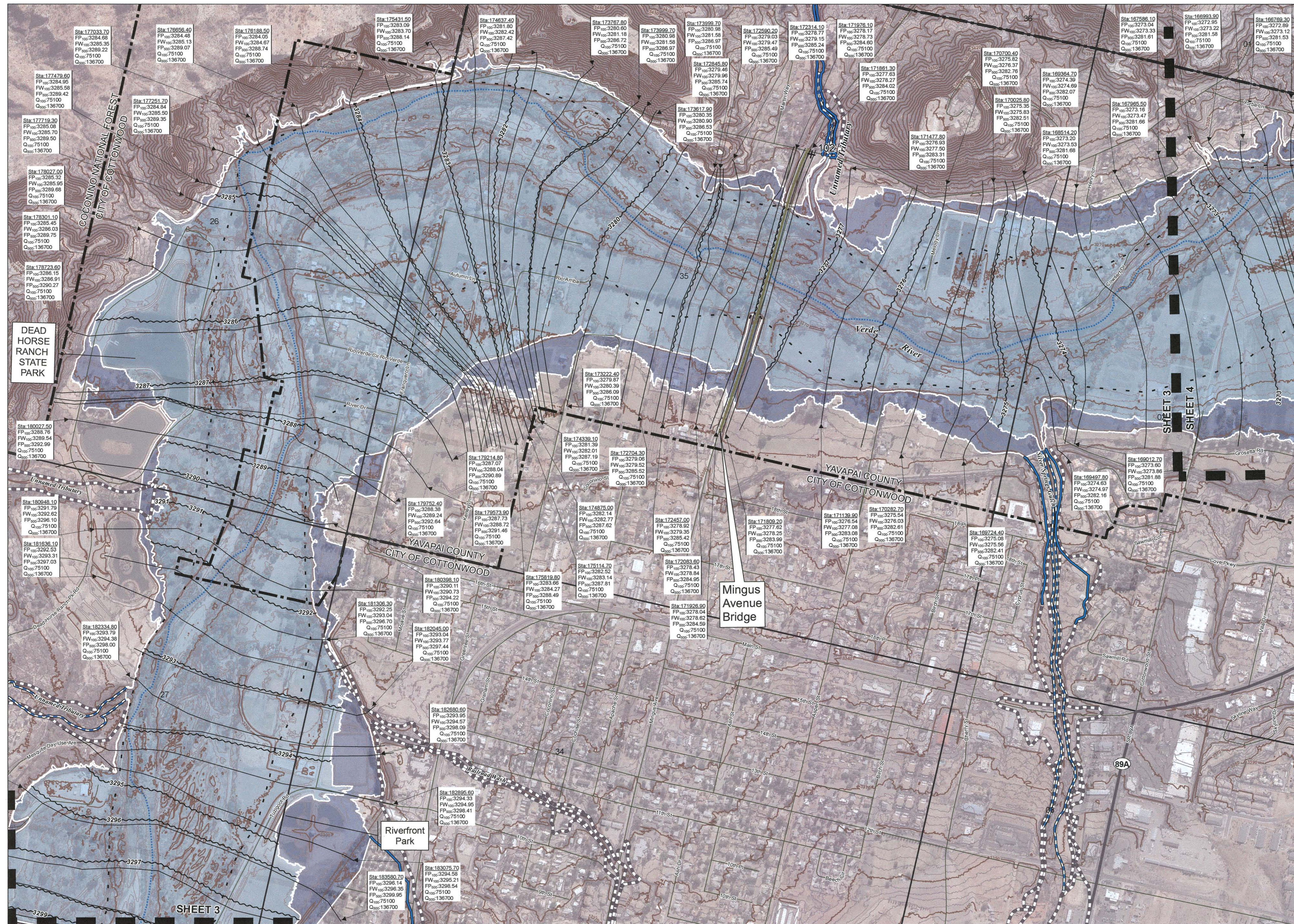
VERDE RIVER FLOOD HAZARD
 ASSESSMENT IN SUPPORT OF A
 FLOODPLAIN REDELINEATION
 FOR YAVAPAI COUNTY, ARIZONA

YCFCD PROJECT NUMBER: FC0139
 HDR PROJECT NUMBER: 114474

SHEET 2 OF 14
 JANUARY 2011



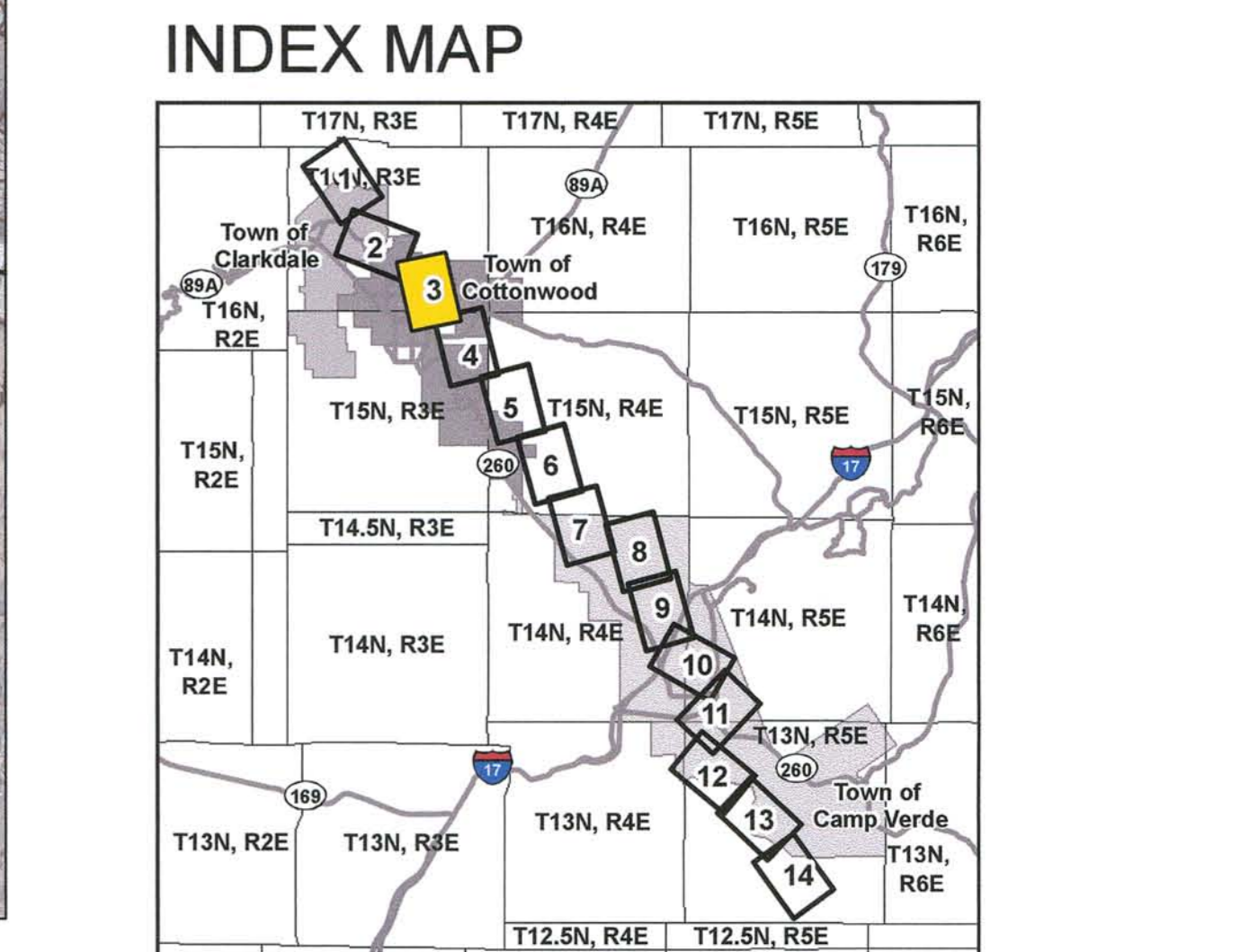
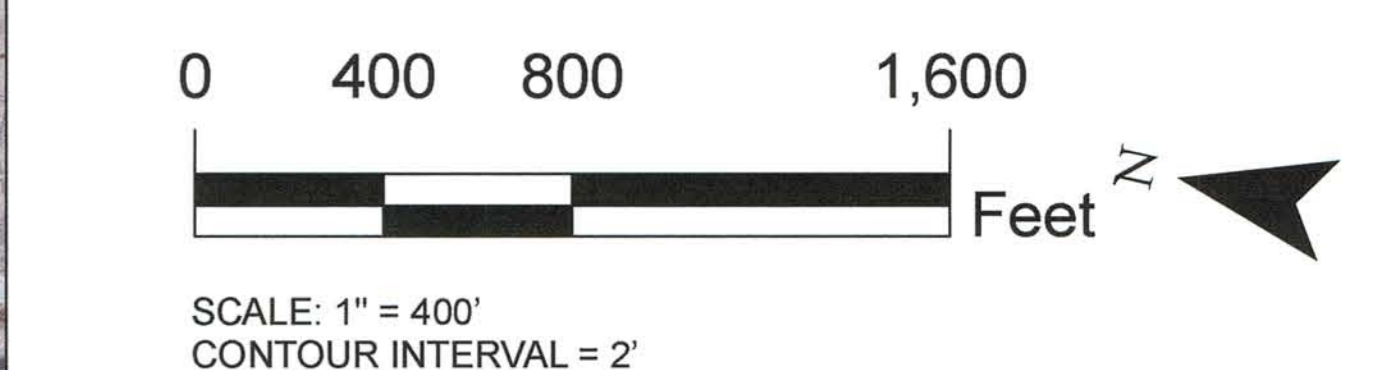
Exp 3/31/13



- ### Legend
- 100-YEAR WATER SURFACE ELEVATION
 - CROSS SECTION CUT LINES
 - RIVER ALIGNMENT
 - COUNTY ROADWAYS
 - ADOT HIGHWAYS
 - PROPOSED 100-YEAR FLOODPLAIN
 - PROPOSED 500-YEAR FLOODPLAIN
 - PROPOSED FLOODWAY
 - PROPOSED 100-YEAR TRIBUTARY TIE-IN
 - PROPOSED 500-YEAR TRIBUTARY TIE-IN
 - BENCHMARK REFERENCE
 - SECTION LINES
 - JURISDICTIONAL BOUNDARY
 - 2 FOOT ELEVATION CONTOURS
 - 10 FOOT ELEVATION CONTOURS
 - EFFECTIVE TRIBUTARY FLOODPLAIN

BENCHMARK INFORMATION:
 BM ID: 102
 DATUM: NAVD 88, ELEVATION: 3288.10
 NORTHING: 1360231.857, EASTING: 676159.851
 EXISTING CONTROL MONUMENT

GENERAL CONVERSION FROM NAVD 88 TO NGVD 29
 FOR THIS MAP'S LIMITS, SUBTRACT 2.48 FEET.



AERIAL PHOTOGRAPHY PREPARED BY AERIAL DATA SERVICE, INC.
 FLIGHT DATE: APRIL 24, 2007 PHOTO SCALE: 1"=600'

TOPOGRAPHIC MAPPING PREPARED BY VERTICAL MAPPING RESOURCES INC.
 FLIGHT DATES: APRIL 2007 THROUGH MAY 2007
 PREPARED UNDER CONTRACT J070327 FOR YAVAPAI COUNTY, AZ.

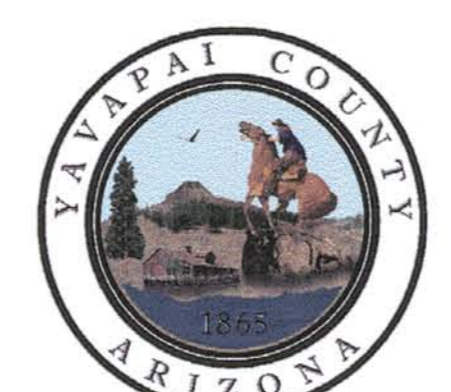
GROUND CONTROL SURVEY DATA PREPARED BY RST LAND SURVEYING INC.
 GROUND CONTROL ELEVATION REFERENCE MARKS FOR HORIZONTAL AND VERTICAL SURVEY
 CONTROL ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN
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LIDAR COLLECTED BY FUGRO/EARTHDATA (FORMERLY HORIZONS INC.)
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CONTENTS OF THIS MAP WERE PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP
 ACCURACY STANDARDS FOR 1" = 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

SHEET 2

FLOODPLAIN DELINEATION WORK MAP FOR VERDE RIVER



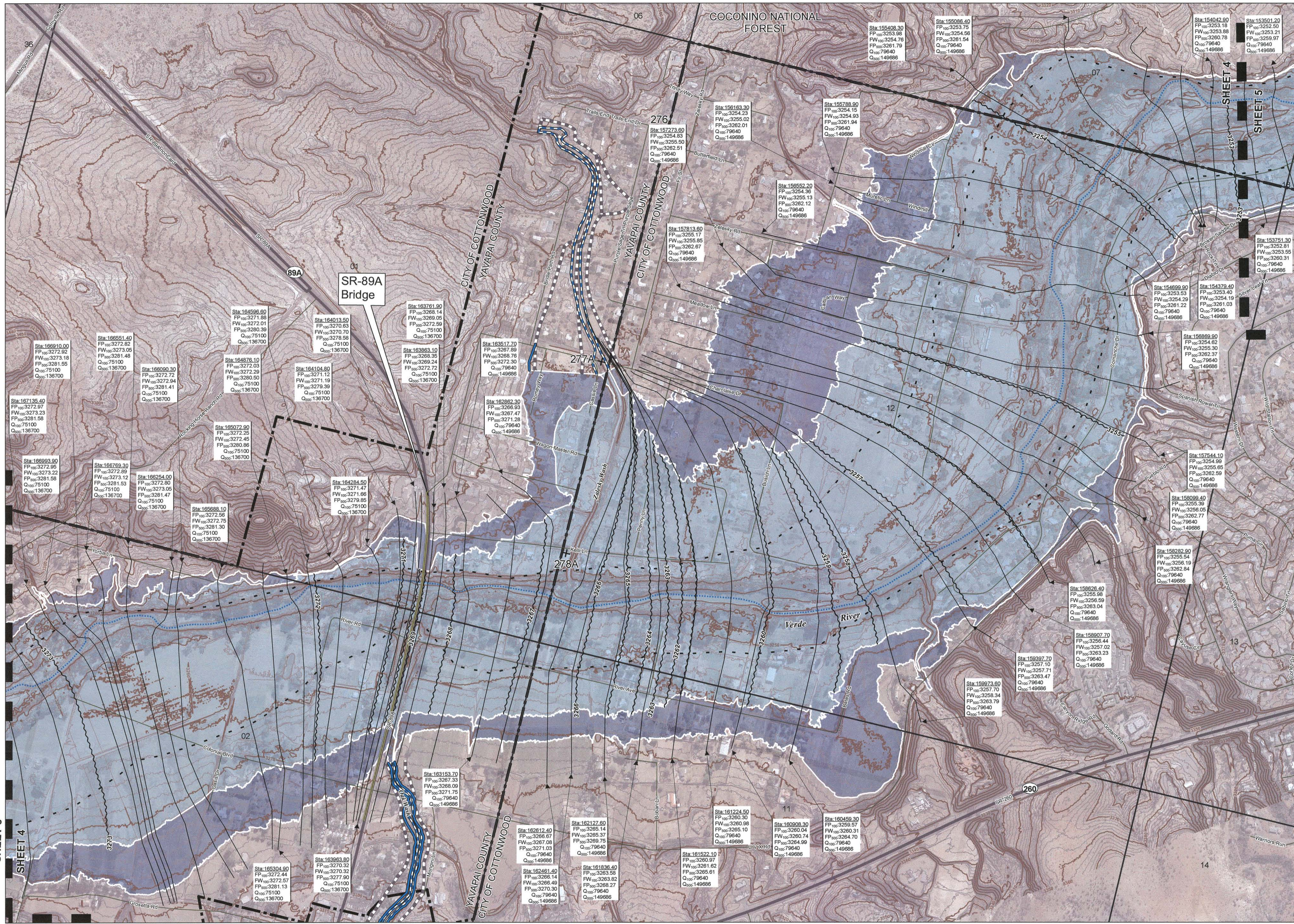
HDR

3200 EAST CAMELBACK ROAD, SUITE 350
 PHOENIX, AZ 85018-2311
 (602) 522-7700

VERDE RIVER FLOOD HAZARD
 ASSESSMENT IN SUPPORT OF A
 FLOODPLAIN REDELINEATION
 FOR YAVAPAI COUNTY, ARIZONA

YCFCF PROJECT NUMBER: FC0139
 HDR PROJECT NUMBER: 114474





Legend

- 100-YEAR WATER SURFACE ELEVATION
- CROSS SECTION CUT LINES
- RIVER ALIGNMENT
- COUNTY ROADWAYS
- ADOT HIGHWAYS
- PROPOSED 100-YEAR FLOODPLAIN
- PROPOSED 500-YEAR FLOODPLAIN
- PROPOSED FLOODWAY
- PROPOSED 100-YEAR TRIBUTARY TIE-IN
- PROPOSED 500-YEAR TRIBUTARY TIE-IN
- BENCHMARK REFERENCE
- SECTION LINES
- JURISDICTIONAL BOUNDARY
- 2 FOOT ELEVATION CONTOURS
- 10 FOOT ELEVATION CONTOURS
- EFFECTIVE TRIBUTARY FLOODPLAIN

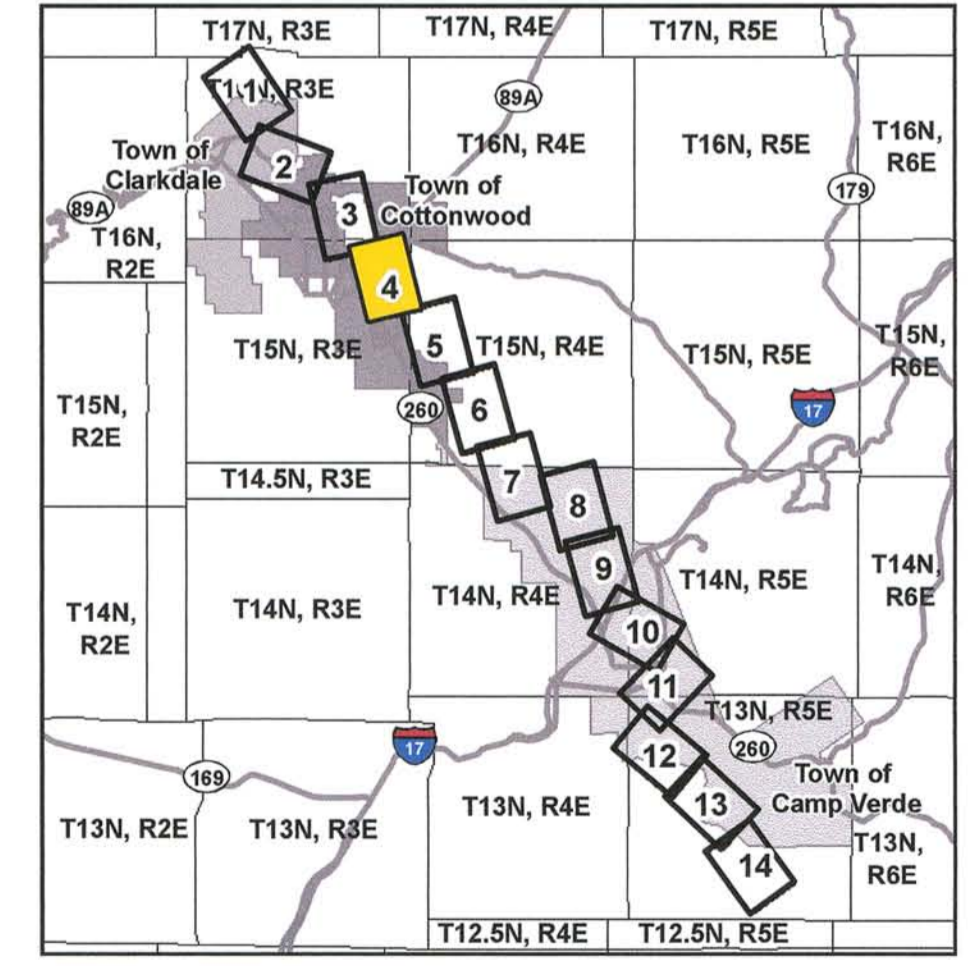
BENCHMARK INFORMATION:
 BM ID: 278A
 DATUM: NAVD 88, ELEVATION: 3268.77
 NORTHING: 1352852.108, EASTING: 679984.977
 EXISTING CONTROL MONUMENT

GENERAL CONVERSION FROM NAVD 88 TO NGVD 29
 FOR THIS MAP'S LIMITS, SUBTRACT 2.43 FEET.



SCALE: 1" = 400'
 CONTOUR INTERVAL = 2'

INDEX MAP



AERIAL PHOTOGRAPHY PREPARED BY AERIAL DATA SERVICE, INC.
 FLIGHT DATE: APRIL 24, 2007 PHOTO SCALE: 1"=600'

TOPOGRAPHIC MAPPING PREPARED BY VERTICAL MAPPING RESOURCES INC.
 FLIGHT DATES: APRIL 2007 THROUGH MAY 2007
 PREPARED UNDER CONTRACT J070327 FOR YAVAPAI COUNTY, AZ.

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 ACCURACY STANDARDS FOR 1" = 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

FLOODPLAIN DELINEATION WORK MAP FOR VERDE RIVER

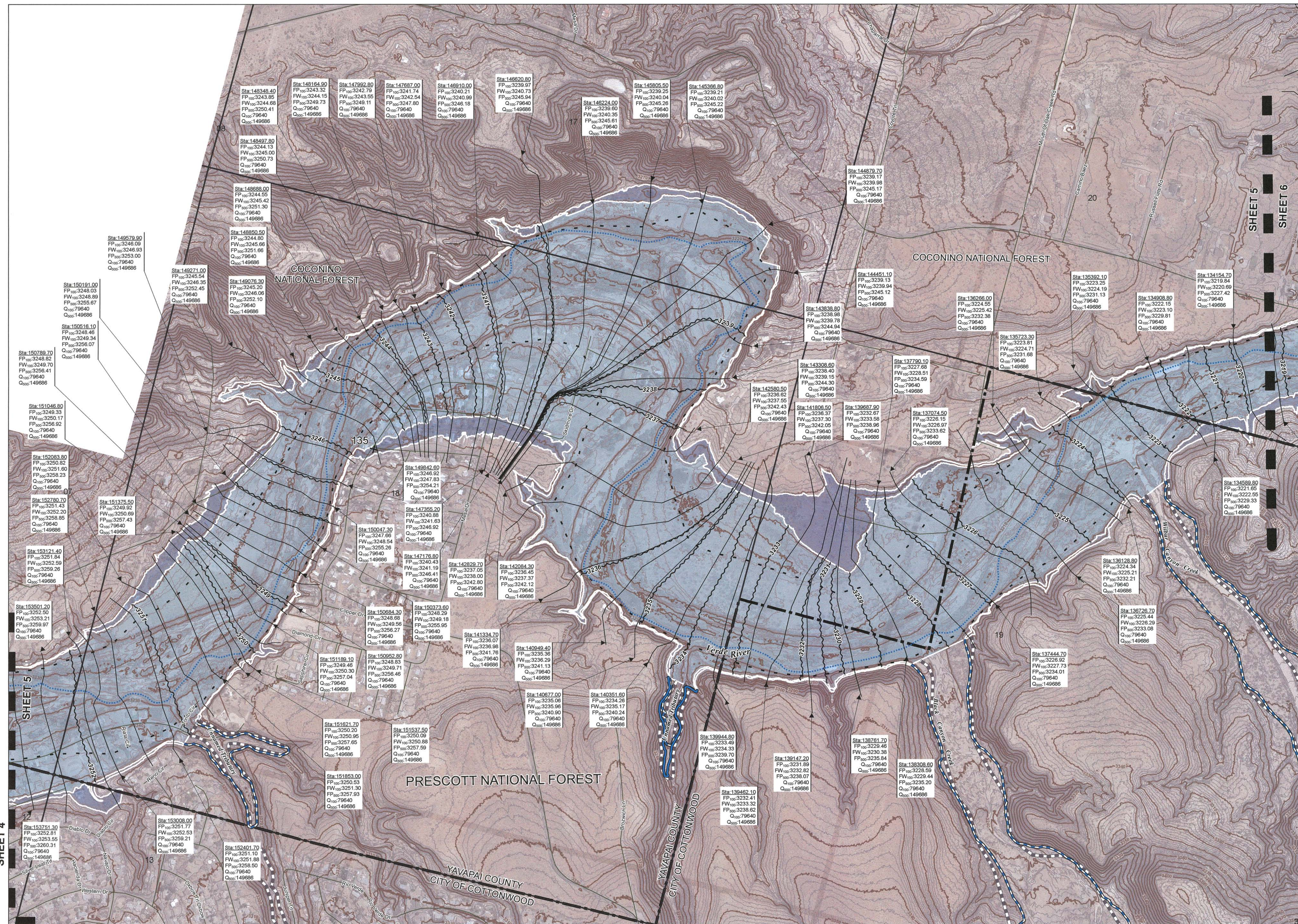


HDR
 3200 EAST CAMELBACK ROAD, SUITE 350
 PHOENIX, AZ 85018-2311
 (602) 522-7700

VERDE RIVER FLOOD HAZARD
 ASSESSMENT IN SUPPORT OF A
 FLOODPLAIN REDELINEATION
 FOR YAVAPAI COUNTY, ARIZONA

YCFCD PROJECT NUMBER: FC0139
 HDR PROJECT NUMBER: 114474



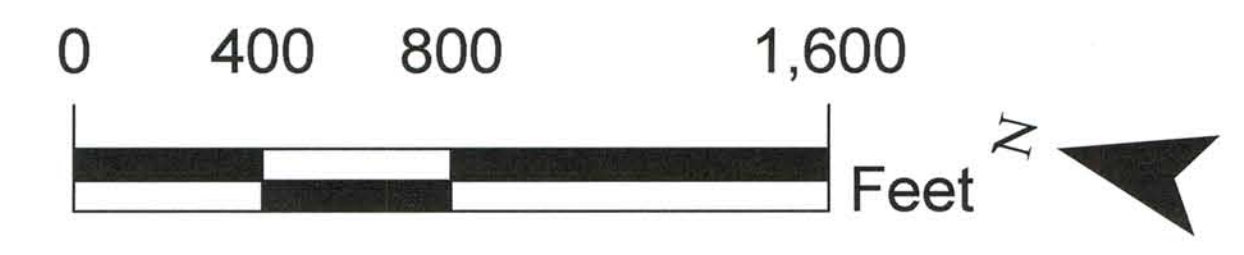


Legend

- 100-YEAR WATER SURFACE ELEVATION
- CROSS SECTION CUT LINES
- RIVER ALIGNMENT
- COUNTY ROADWAYS
- ADOT HIGHWAYS
- PROPOSED 100-YEAR FLOODPLAIN
- PROPOSED 500-YEAR FLOODPLAIN
- PROPOSED FLOODWAY
- PROPOSED 100-YEAR TRIBUTARY TIE-IN
- PROPOSED 500-YEAR TRIBUTARY TIE-IN
- BENCHMARK REFERENCE
- SECTION LINES
- JURISDICTIONAL BOUNDARY
- 2 FOOT ELEVATION CONTOURS
- 10 FOOT ELEVATION CONTOURS
- EFFECTIVE TRIBUTARY FLOODPLAIN

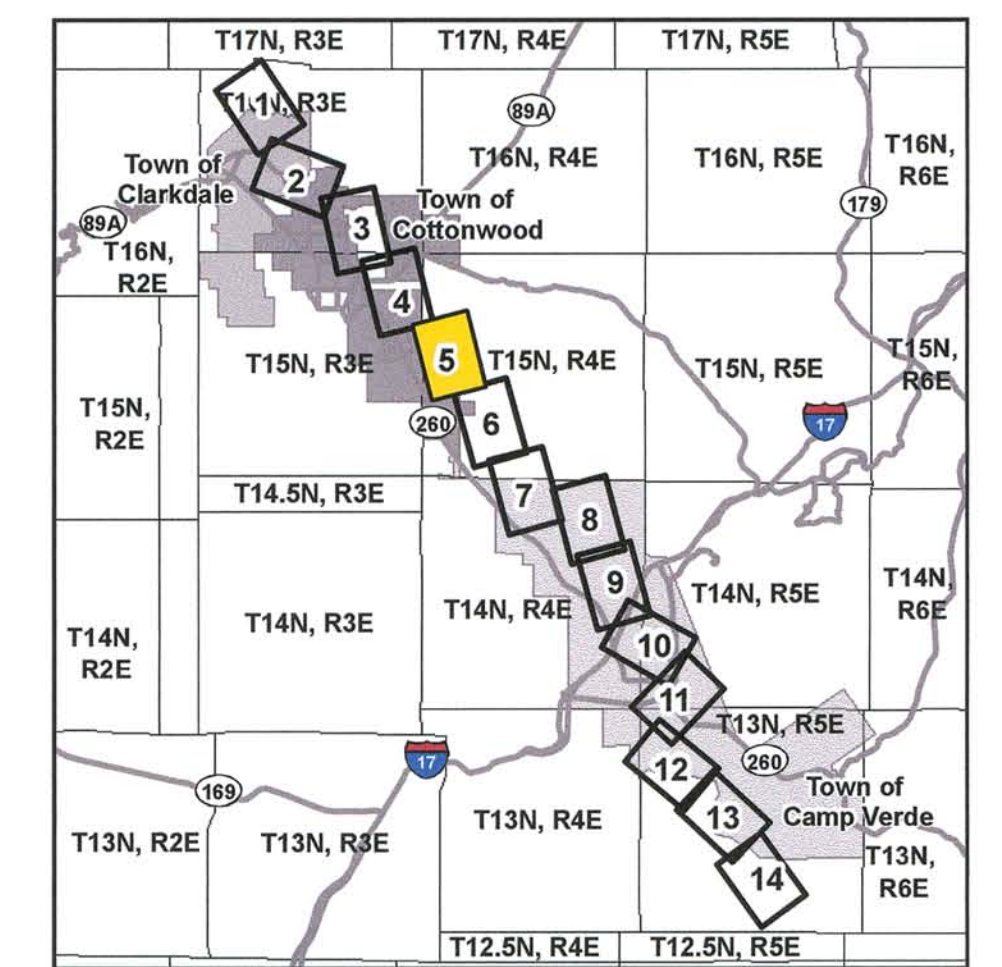
BENCHMARK INFORMATION:
 BM ID: 135
 DATUM: NAVD 88, ELEVATION: 3248.12
 NORTHING: 1345559.231, EASTING: 686118.868
 EXISTING CONTROL MONUMENT

GENERAL CONVERSION FROM NAVD 88 TO NGVD 29
 FOR THIS MAP'S LIMITS, SUBTRACT 2.43 FEET.



SCALE: 1" = 400'
 CONTOUR INTERVAL = 2'

INDEX MAP



AERIAL PHOTOGRAPHY PREPARED BY AERIAL DATA SERVICE, INC.
 FLIGHT DATE: APRIL 24, 2007 PHOTO SCALE: 1"=600'

TOPOGRAPHIC MAPPING PREPARED BY VERTICAL MAPPING RESOURCES INC.
 FLIGHT DATES: APRIL 2007 THROUGH MAY 2007
 PREPARED UNDER CONTRACT J070327 FOR YAVAPAI COUNTY, AZ.

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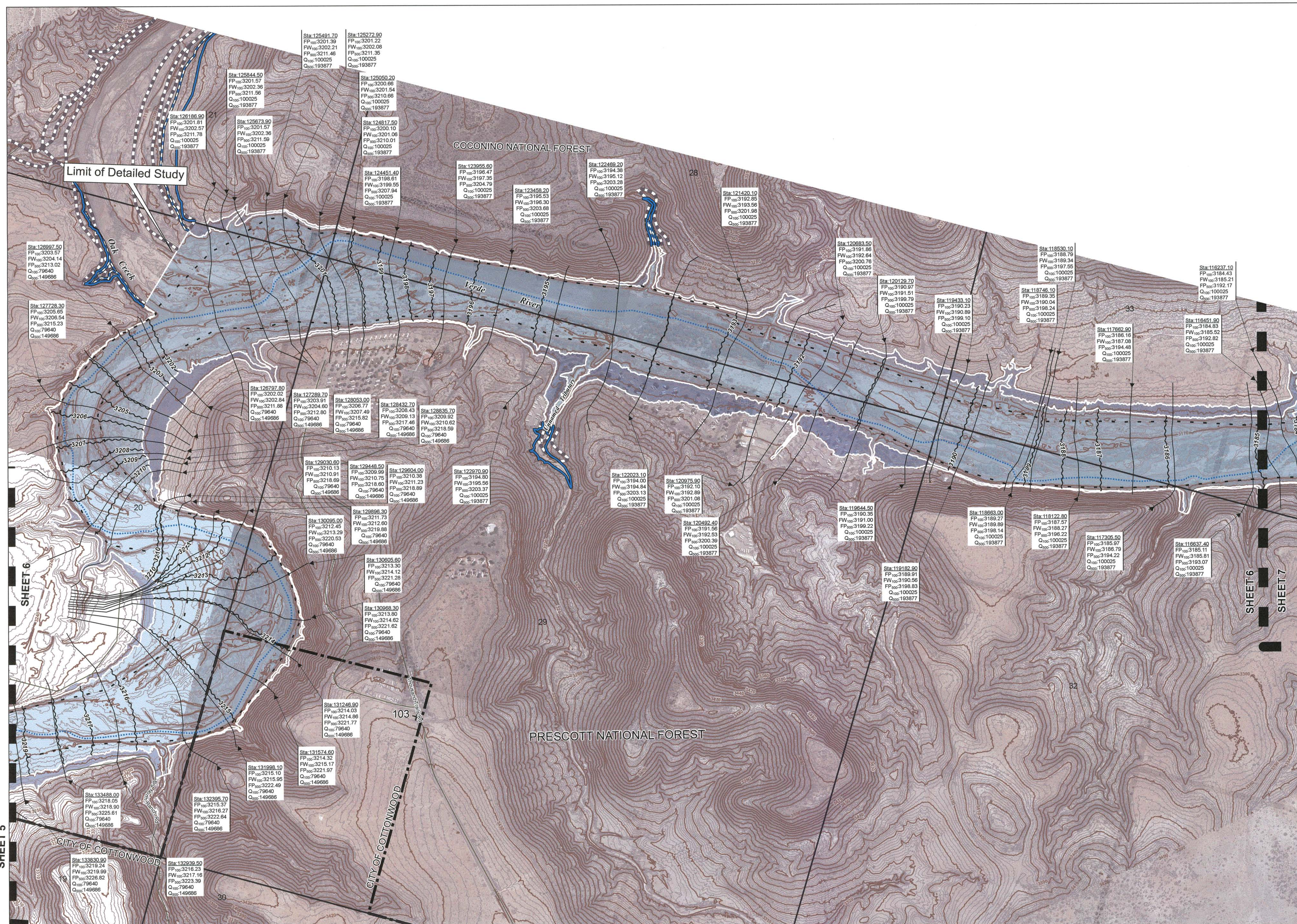
FLOODPLAIN DELINEATION WORK MAP FOR VERDE RIVER



VERDE RIVER FLOOD HAZARD
 ASSESSMENT IN SUPPORT OF A
 FLOODPLAIN REDELINEATION
 FOR YAVAPAI COUNTY, ARIZONA

YCFD PROJECT NUMBER: FC0139
 HDR PROJECT NUMBER: 114474



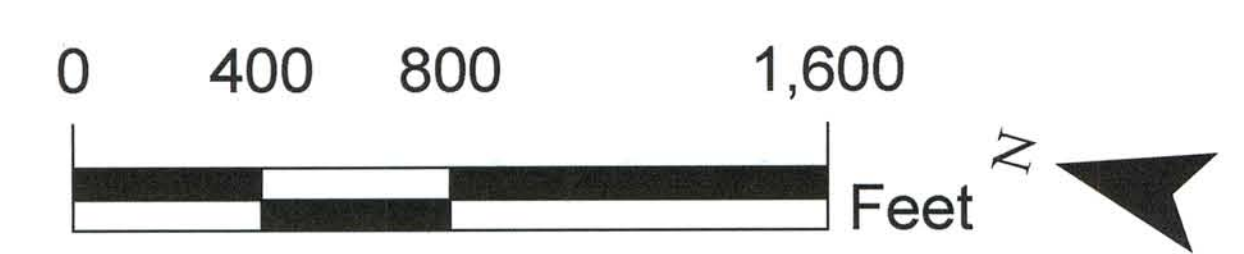


Legend

- 100-YEAR WATER SURFACE ELEVATION
- CROSS SECTION CUT LINES
- RIVER ALIGNMENT
- COUNTY ROADWAYS
- ADOT HIGHWAYS
- PROPOSED 100-YEAR FLOODPLAIN
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- PROPOSED FLOODWAY
- PROPOSED 100-YEAR TRIBUTARY TIE-IN
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- BENCHMARK REFERENCE
- SECTION LINES
- JURISDICTIONAL BOUNDARY
- 2 FOOT ELEVATION CONTOURS
- 10 FOOT ELEVATION CONTOURS
- EFFECTIVE TRIBUTARY FLOODPLAIN

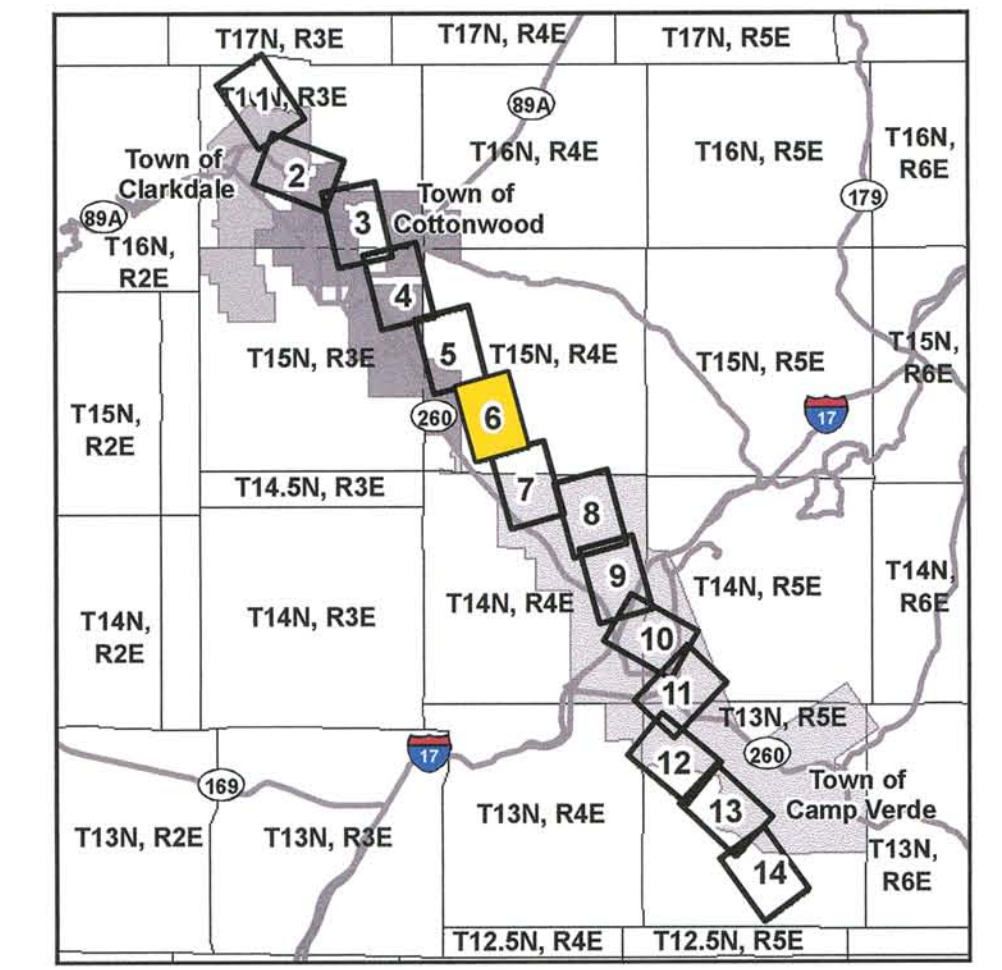
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 NORTHING: 1335154.481, EASTING: 689785.875
 EXISTING CONTROL MONUMENT

GENERAL CONVERSION FROM NAVD 88 TO NGVD 29
 FOR THIS MAP'S LIMITS, SUBTRACT 2.41 FEET.



SCALE: 1" = 400'
 CONTOUR INTERVAL = 2'

INDEX MAP



AERIAL PHOTOGRAPHY PREPARED BY AERIAL DATA SERVICE, INC.
 FLIGHT DATE: APRIL 24, 2007 PHOTO SCALE: 1"=600'

TOPOGRAPHIC MAPPING PREPARED BY VERTICAL MAPPING RESOURCES INC.
 FLIGHT DATES: APRIL 2007 THROUGH MAY 2007
 PREPARED UNDER CONTRACT J070327 FOR YAVAPAI COUNTY, AZ.

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FLOODPLAIN DELINEATION WORK MAP FOR VERDE RIVER

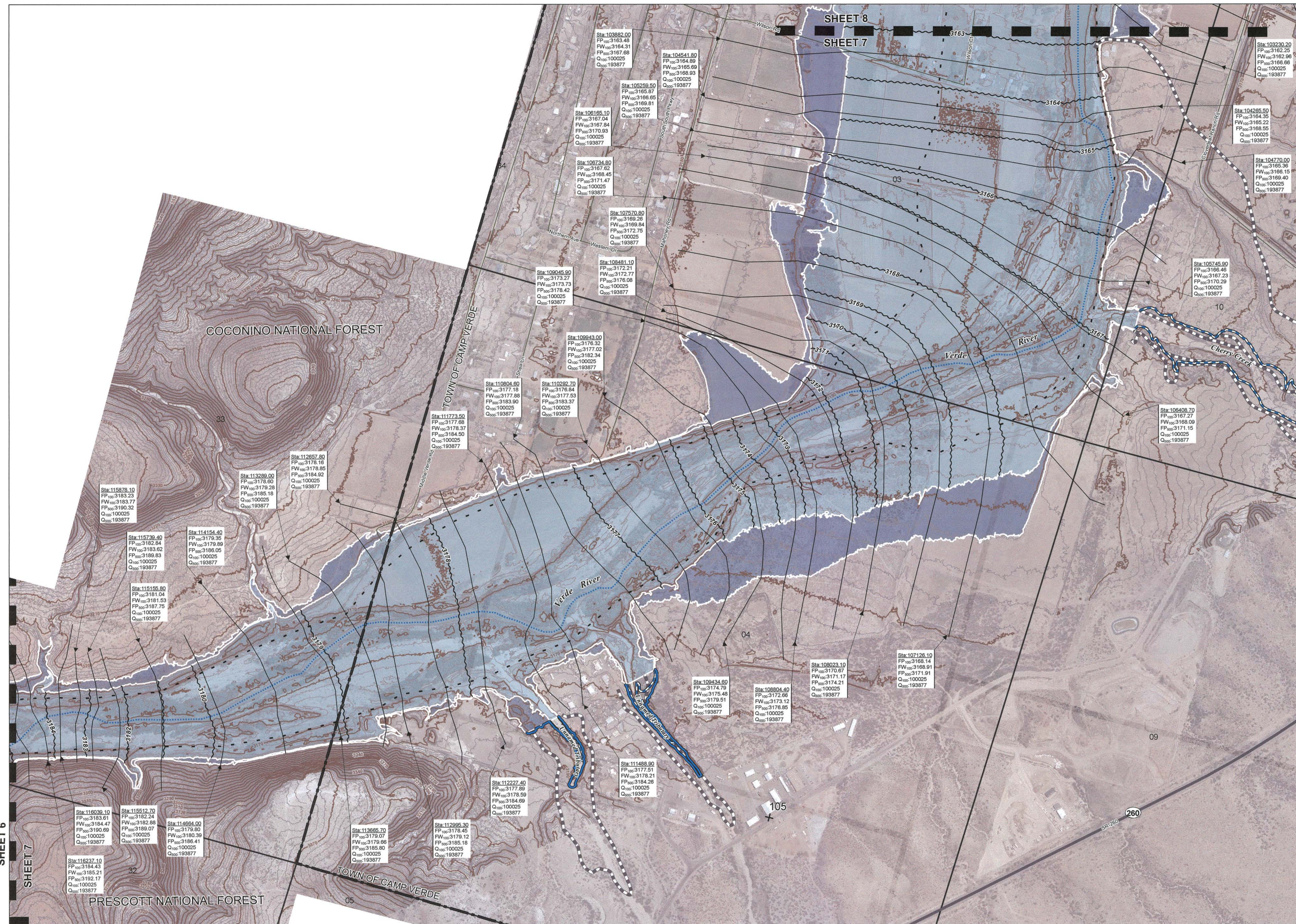


VERDE RIVER FLOOD HAZARD
 ASSESSMENT IN SUPPORT OF A
 FLOODPLAIN REDELINEATION
 FOR YAVAPAI COUNTY, ARIZONA

YCFCD PROJECT NUMBER: FC0139
 HDR PROJECT NUMBER: 114474

SHEET 6 OF 14
 JANUARY 2011



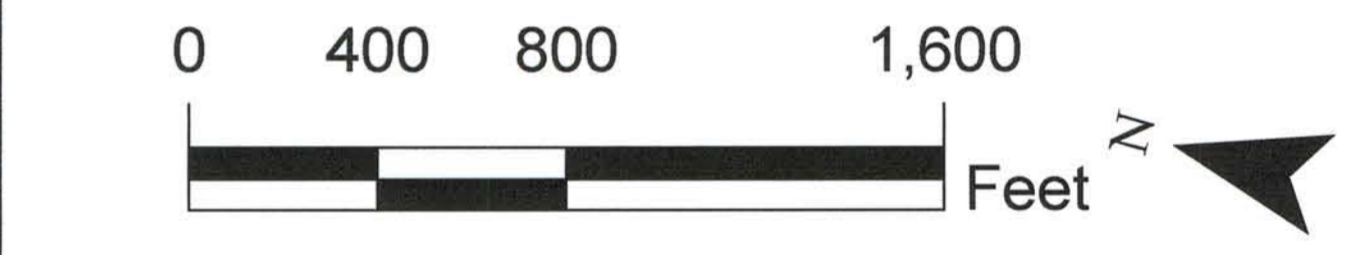


Legend

- 100-YEAR WATER SURFACE ELEVATION
- CROSS SECTION CUT LINES
- RIVER ALIGNMENT
- COUNTY ROADWAYS
- ADOT HIGHWAYS
- PROPOSED 100-YEAR FLOODPLAIN
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- PROPOSED FLOODWAY
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- SECTION LINES
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- 2 FOOT ELEVATION CONTOURS
- 10 FOOT ELEVATION CONTOURS
- EFFECTIVE TRIBUTARY FLOODPLAIN

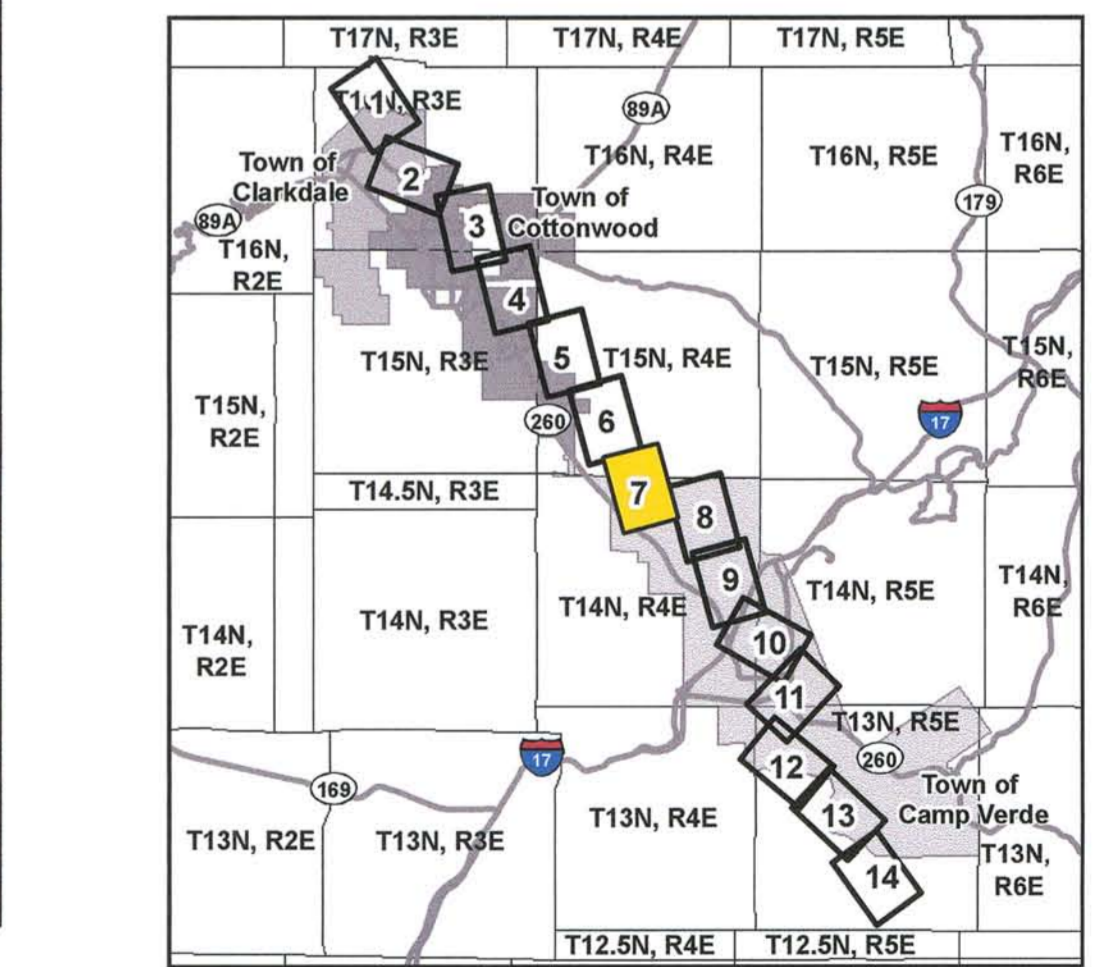
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 BM ID: 105
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 NORTHING: 1322403.048, EASTING: 694729.237
 EXISTING CONTROL MONUMENT

GENERAL CONVERSION FROM NAVD 88 TO NGVD 29
 FOR THIS MAP'S LIMITS, SUBTRACT 2.41 FEET.



SCALE: 1" = 400'
 CONTOUR INTERVAL = 2'

INDEX MAP



AERIAL PHOTOGRAPHY PREPARED BY AERIAL DATA SERVICE, INC.
 FLIGHT DATE: APRIL 24, 2007 PHOTO SCALE: 1"=600'

TOPOGRAPHIC MAPPING PREPARED BY VERTICAL MAPPING RESOURCES INC.
 FLIGHT DATES: APRIL 2007 THROUGH MAY 2007
 PREPARED UNDER CONTRACT J070327 FOR YAVAPAI COUNTY, AZ.

GROUND CONTROL SURVEY DATA PREPARED BY RST LAND SURVEYING INC.
 GROUND CONTROL ELEVATION REFERENCE MARKS FOR HORIZONTAL AND VERTICAL SURVEY
 CONTROL ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN
 VERTICAL DATUM OF 1988 (NAVD88) RESPECTIVELY.

LIDAR COLLECTED BY FUGRO/EARTHDATA (FORMERLY HORIZONS INC.)
 LIDAR ACQUIRED AT 1 METER POST SPACING FOR 193 SQUARE MILE AREA.

CONTENTS OF THIS MAP WERE PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP
 ACCURACY STANDARDS FOR 1" = 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

FLOODPLAIN DELINEATION WORK MAP FOR VERDE RIVER



VERDE RIVER FLOOD HAZARD
 ASSESSMENT IN SUPPORT OF A
 FLOODPLAIN REDELINEATION
 FOR YAVAPAI COUNTY, ARIZONA

YCFCD PROJECT NUMBER: FC0139
 HDR PROJECT NUMBER: 114474

SHEET 7 OF 14
 JANUARY 2011



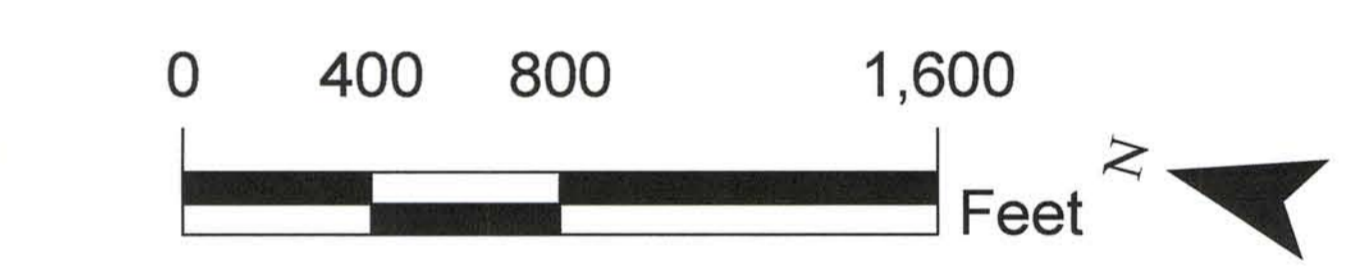


Legend

- 100-YEAR WATER SURFACE ELEVATION
- CROSS SECTION CUT LINES
- RIVER ALIGNMENT
- COUNTY ROADWAYS
- ADOT HIGHWAYS
- PROPOSED 100-YEAR FLOODPLAIN
- PROPOSED 500-YEAR FLOODPLAIN
- PROPOSED FLOODWAY
- PROPOSED 100-YEAR TRIBUTARY TIE-IN
- PROPOSED 500-YEAR TRIBUTARY TIE-IN
- BENCHMARK REFERENCE
- SECTION LINES
- JURISDICTIONAL BOUNDARY
- 2 FOOT ELEVATION CONTOURS
- 10 FOOT ELEVATION CONTOURS
- EFFECTIVE TRIBUTARY FLOODPLAIN

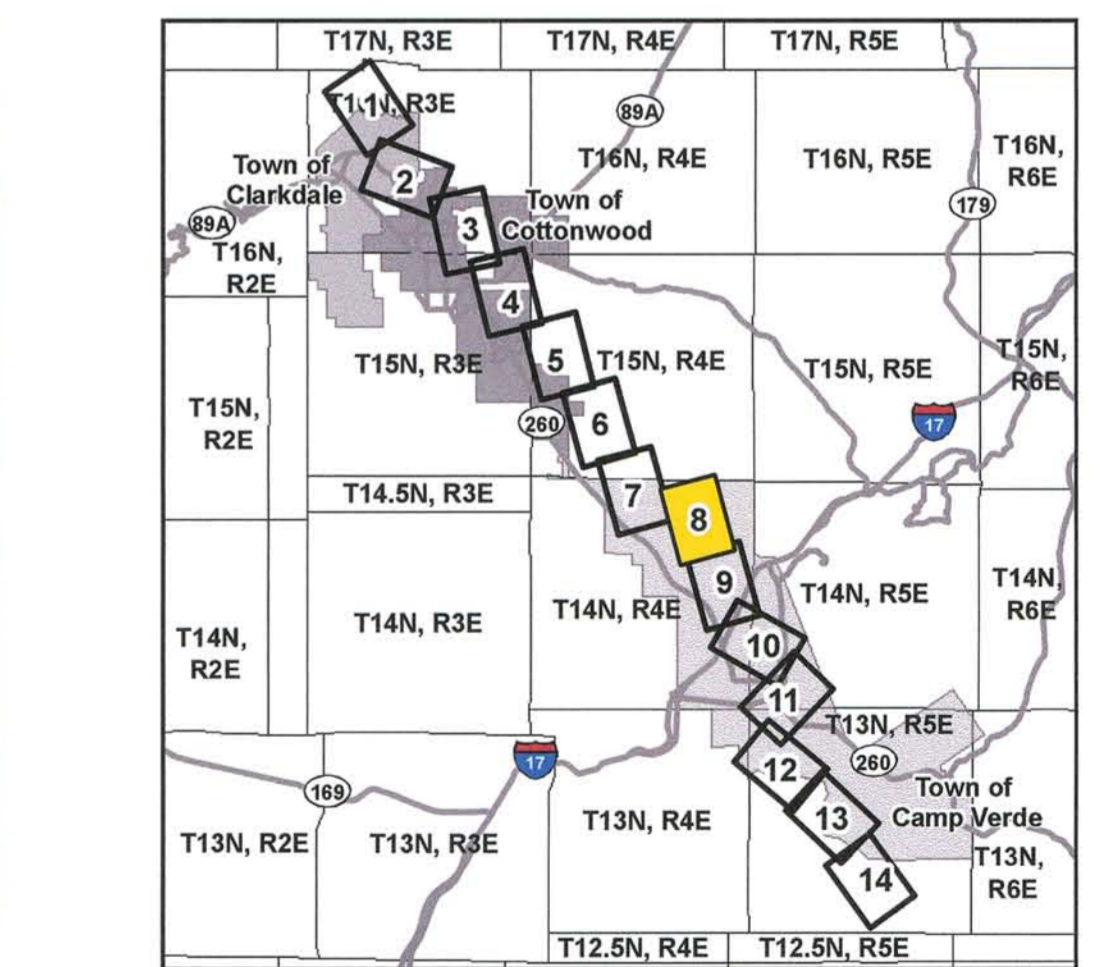
BENCHMARK INFORMATION:
 BM ID: 97A
 DATUM: NAVD 88, ELEVATION: 3196.93
 NORTHING: 1322235.638, EASTING: 707045.897
 EXISTING CONTROL MONUMENT

GENERAL CONVERSION FROM NAVD 88 TO NGVD 29
 FOR THIS MAP'S LIMITS, SUBTRACT 2.41 FEET.



SCALE: 1" = 400'
 CONTOUR INTERVAL = 2'

INDEX MAP



AERIAL PHOTOGRAPHY PREPARED BY AERIAL DATA SERVICE, INC.
 FLIGHT DATE: APRIL 24, 2007 PHOTO SCALE: 1"=600'

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 ACCURACY STANDARDS FOR 1" = 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

SHEET 7

FLOODPLAIN DELINEATION WORK MAP FOR VERDE RIVER



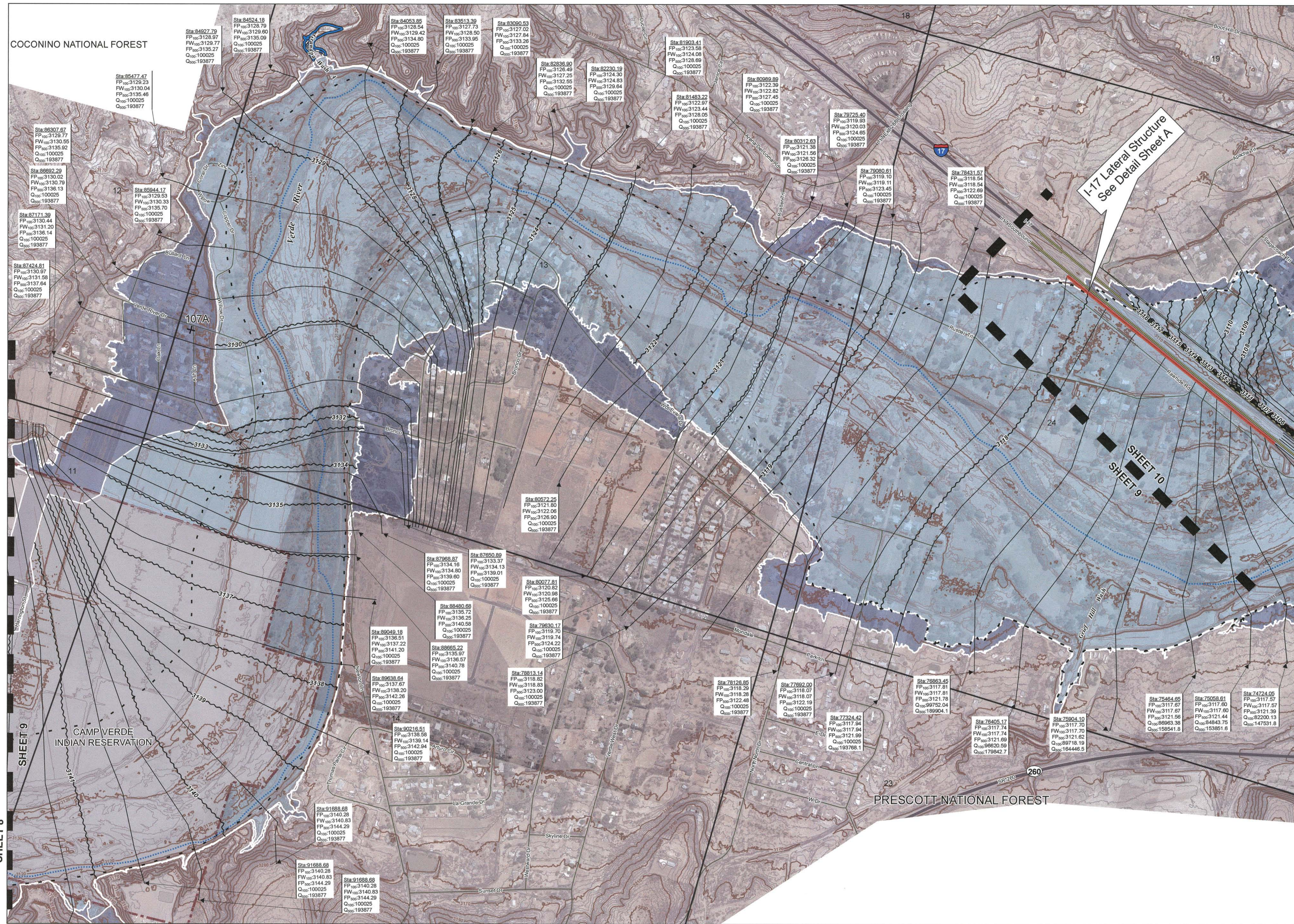
HDR
 3200 EAST CAMELBACK ROAD, SUITE 350
 PHOENIX, AZ 85016-2311
 (602) 522-7700

VERDE RIVER FLOOD HAZARD
 ASSESSMENT IN SUPPORT OF A
 FLOODPLAIN REDELINEATION
 FOR YAVAPAI COUNTY, ARIZONA

YCFCD PROJECT NUMBER: FC0139
 HDR PROJECT NUMBER: 114474

SHEET 8 OF 14
 JANUARY 2011



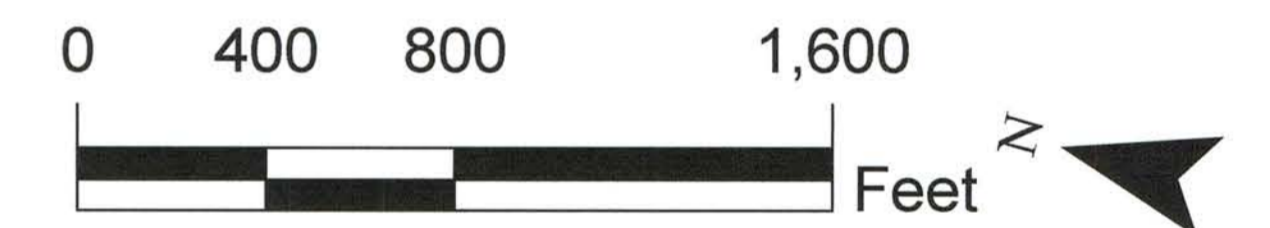


Legend

- 100-YEAR WATER SURFACE ELEVATION
- CROSS SECTION CUT LINES
- RIVER ALIGNMENT
- COUNTY ROADWAYS
- ADOT HIGHWAYS
- PROPOSED 100-YEAR FLOODPLAIN
- PROPOSED 500-YEAR FLOODPLAIN
- PROPOSED FLOODWAY
- PROPOSED 100-YEAR TRIBUTARY TIE-IN
- PROPOSED 500-YEAR TRIBUTARY TIE-IN
- BENCHMARK REFERENCE
- SECTION LINES
- JURISDICTIONAL BOUNDARY
- 2 FOOT ELEVATION CONTOURS
- 10 FOOT ELEVATION CONTOURS
- EFFECTIVE TRIBUTARY FLOODPLAIN

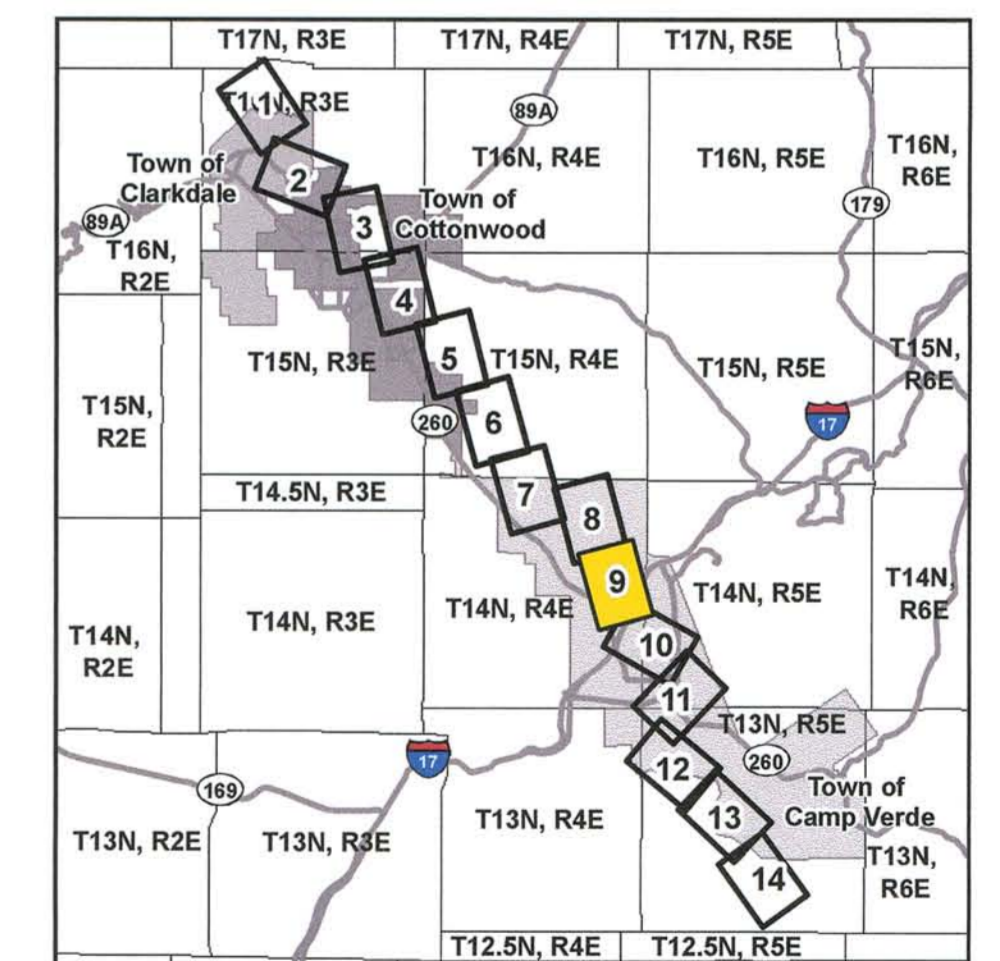
BENCHMARK INFORMATION:
 BM ID: 107A
 DATUM: NAVD 88, ELEVATION: 3130.23
 NORTHING: 1314708.168, EASTING: 709971.677
 EXISTING CONTROL MONUMENT

GENERAL CONVERSION FROM NAVD 88 TO NGVD 29
 FOR THIS MAP'S LIMITS, SUBTRACT 2.34 FEET.



SCALE: 1" = 400'
 CONTOUR INTERVAL = 2'

INDEX MAP



AERIAL PHOTOGRAPHY PREPARED BY AERIAL DATA SERVICE, INC.
 FLIGHT DATE: APRIL 24, 2007 PHOTO SCALE: 1"=600'

TOPOGRAPHIC MAPPING PREPARED BY VERTICAL MAPPING RESOURCES INC.
 FLIGHT DATES: APRIL 2007 THROUGH MAY 2007
 PREPARED UNDER CONTRACT J070327 FOR YAVAPAI COUNTY, AZ.

GROUND CONTROL SURVEY DATA PREPARED BY RST LAND SURVEYING INC.
 GROUND CONTROL/ELEVATION REFERENCE MARKS FOR HORIZONTAL AND VERTICAL SURVEY
 CONTROL ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) AND NORTH AMERICAN
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 ACCURACY STANDARDS FOR 1" = 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

FLOODPLAIN DELINEATION WORK MAP FOR VERDE RIVER



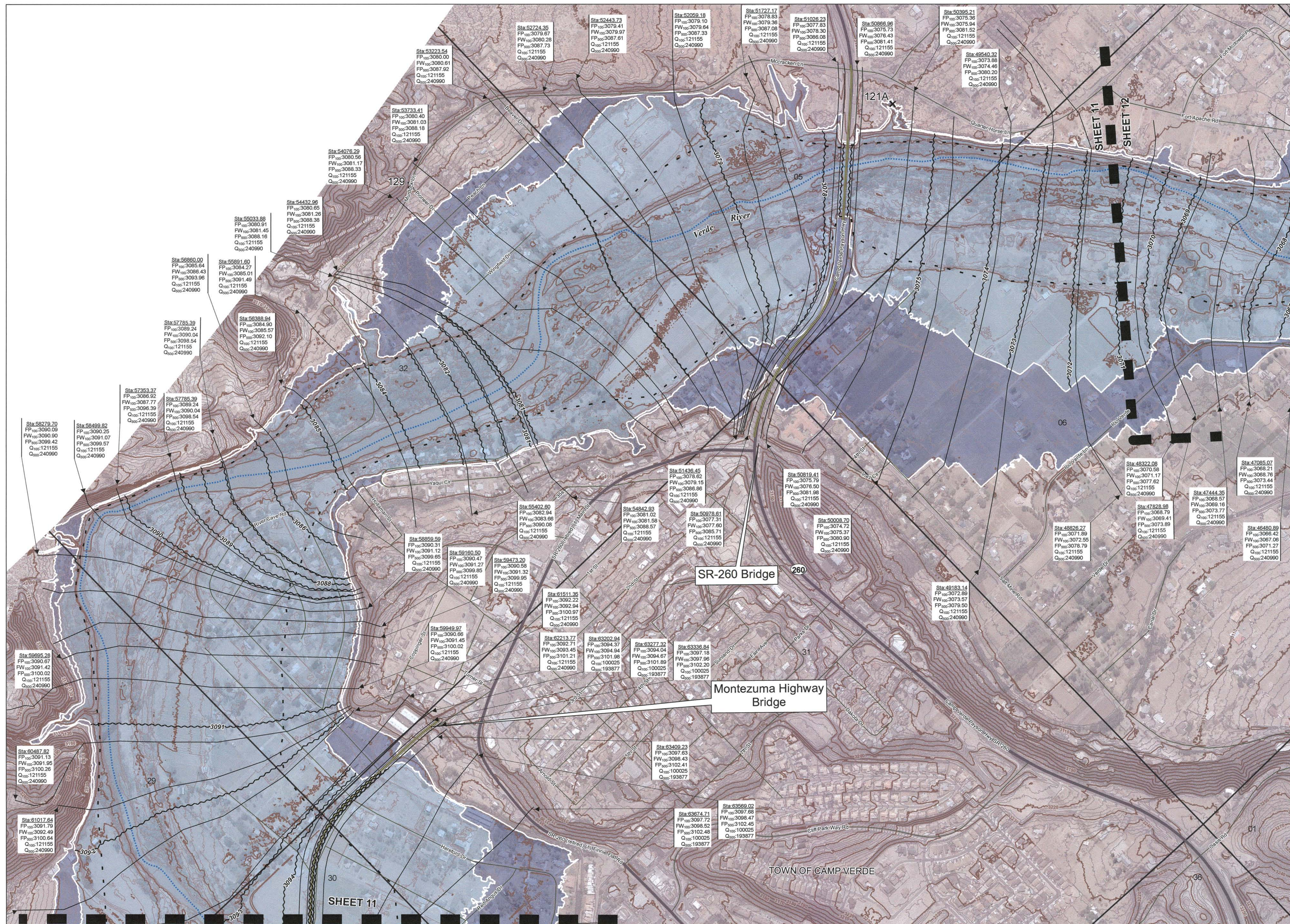
3200 EAST CAMELBACK ROAD, SUITE 350
 PHOENIX, AZ 85018-2311
 (602) 522-7700

VERDE RIVER FLOOD HAZARD
 ASSESSMENT IN SUPPORT OF A
 FLOODPLAIN REDELINEATION
 FOR YAVAPAI COUNTY, ARIZONA

YCFCD PROJECT NUMBER: FC0139
 HDR PROJECT NUMBER: 114474



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 JANUARY 2011

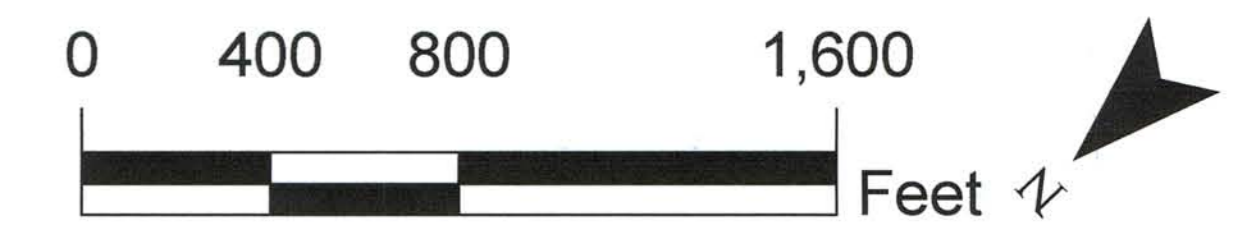


Legend

- 100-YEAR WATER SURFACE ELEVATION
- CROSS SECTION CUT LINES
- RIVER ALIGNMENT
- COUNTY ROADWAYS
- ADOT HIGHWAYS
- PROPOSED 100-YEAR FLOODPLAIN
- PROPOSED 500-YEAR FLOODPLAIN
- PROPOSED FLOODWAY
- PROPOSED 100-YEAR TRIBUTARY TIE-IN
- PROPOSED 500-YEAR TRIBUTARY TIE-IN
- BENCHMARK REFERENCE
- SECTION LINES
- JURISDICTIONAL BOUNDARY
- 2 FOOT ELEVATION CONTOURS
- 10 FOOT ELEVATION CONTOURS
- EFFECTIVE TRIBUTARY FLOODPLAIN

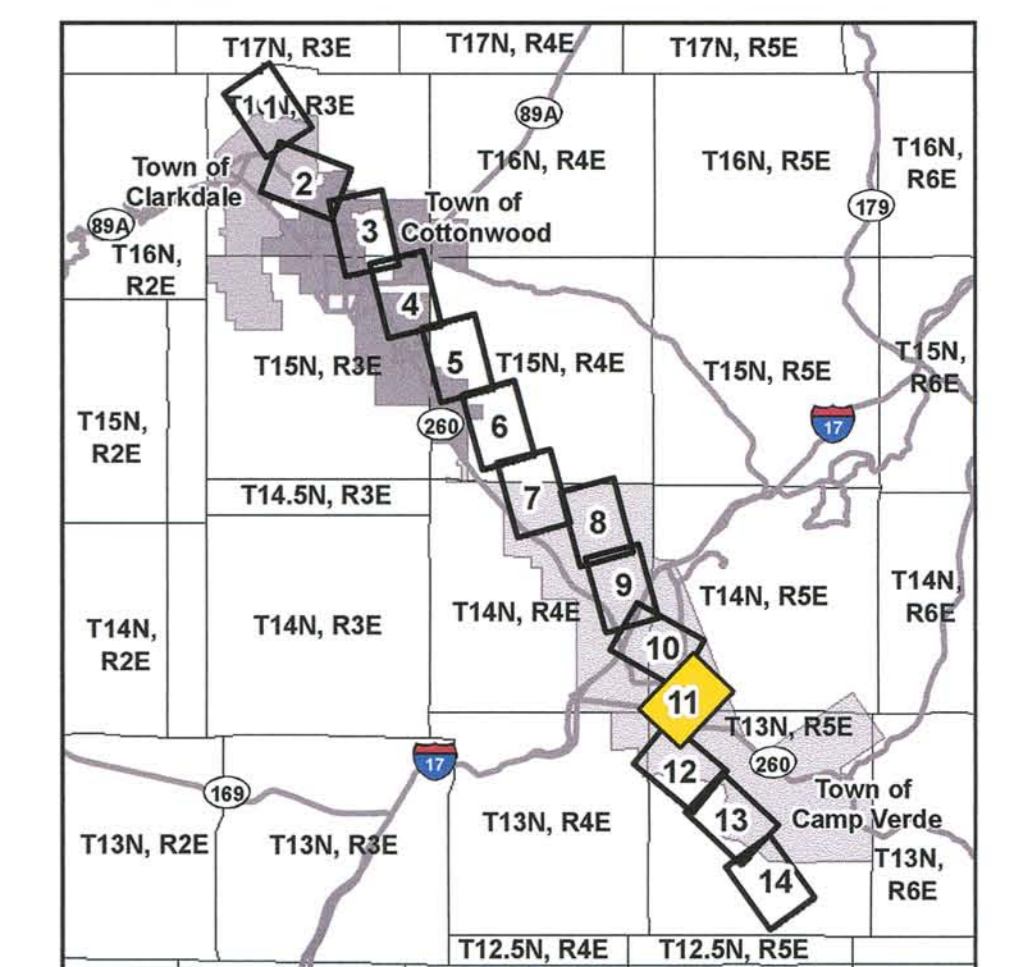
BENCHMARK INFORMATION:
 BM ID: 129
 DATUM: NAVD 88, ELEVATION: 3103.91
 NORTHING: 1294574.845, EASTING: 722117.731
 EXISTING CONTROL MONUMENT

GENERAL CONVERSION FROM NAVD 88 TO NGVD 29
 FOR THIS MAP'S LIMITS, SUBTRACT 2.34 FEET.



SCALE: 1" = 400'
 CONTOUR INTERVAL = 2'

INDEX MAP



AERIAL PHOTOGRAPHY PREPARED BY AERIAL DATA SERVICE, INC.
 FLIGHT DATE: APRIL 24, 2007 PHOTO SCALE: 1"=600'

TOPOGRAPHIC MAPPING PREPARED BY VERTICAL MAPPING RESOURCES INC.
 FLIGHT DATES: APRIL 2007 THROUGH MAY 2007
 PREPARED UNDER CONTRACT J070327 FOR YAVAPAI COUNTY, AZ.

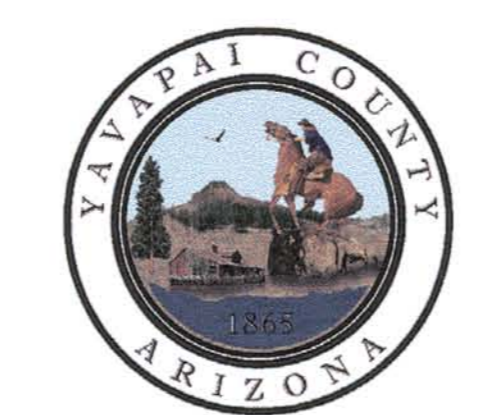
GROUND CONTROL SURVEY DATA PREPARED BY RST LAND SURVEYING INC.
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 ACCURACY STANDARDS FOR 1" = 100' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.

SHEET 10

FLOODPLAIN DELINEATION WORK MAP FOR VERDE RIVER

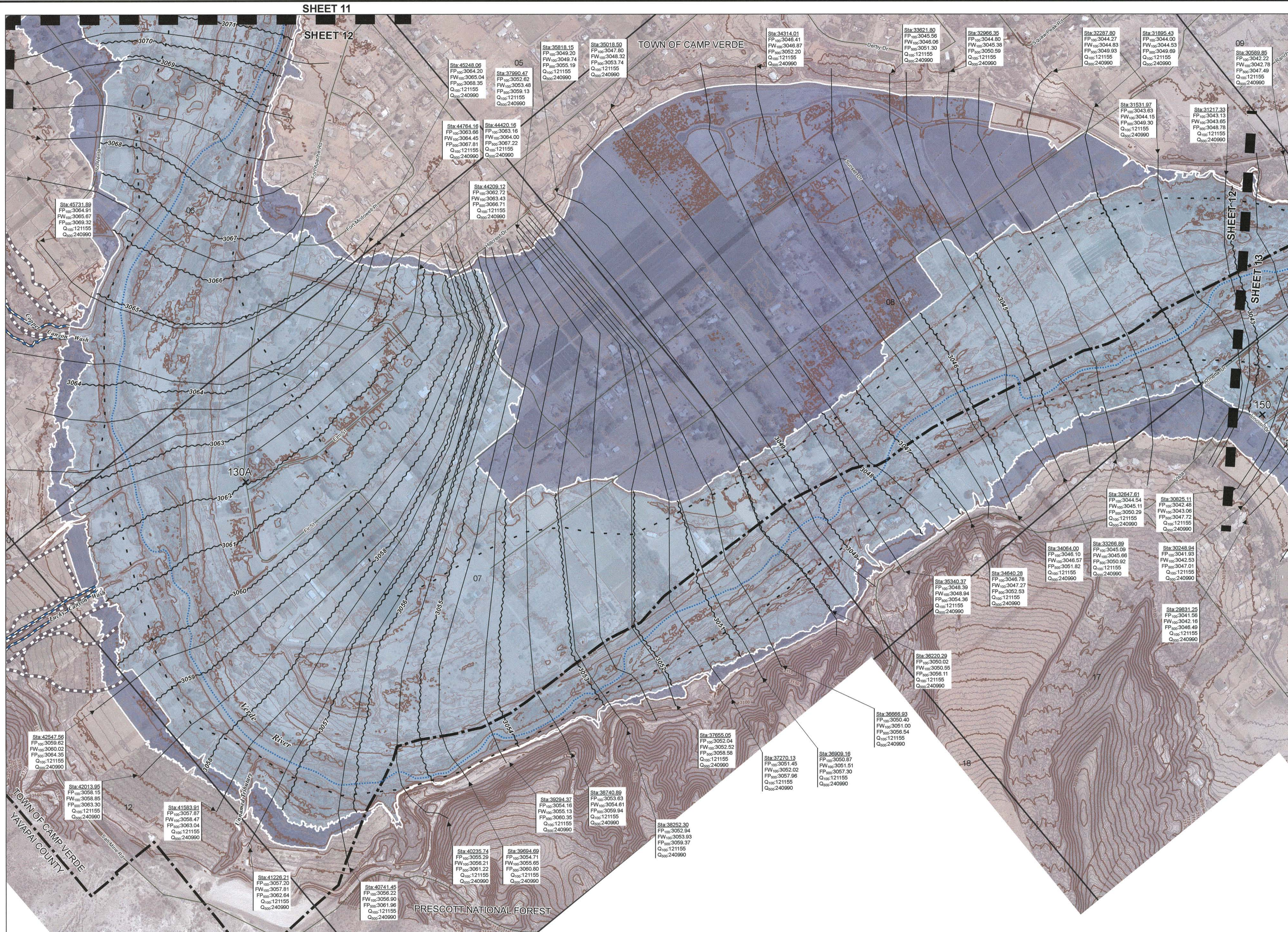


VERDE RIVER FLOOD HAZARD
 ASSESSMENT IN SUPPORT OF A
 FLOODPLAIN REDELINEATION
 FOR YAVAPAI COUNTY, ARIZONA

YCFCD PROJECT NUMBER: FC0139
 HDR PROJECT NUMBER: 114474

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 JANUARY 2011



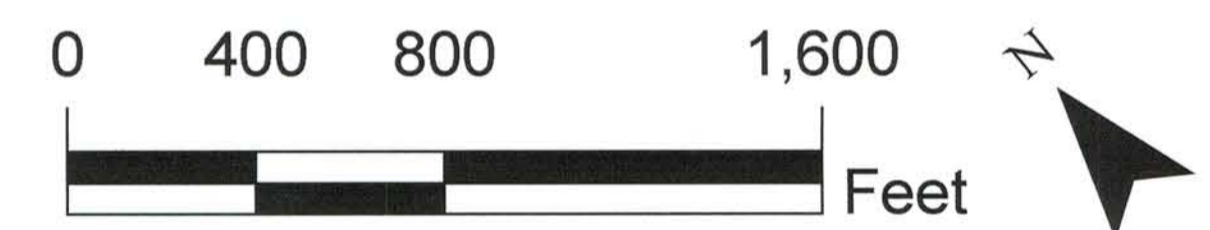


Legend

- 100-YEAR WATER SURFACE ELEVATION
- CROSS SECTION CUT LINES
- RIVER ALIGNMENT
- COUNTY ROADWAYS
- ADOT HIGHWAYS
- PROPOSED 100-YEAR FLOODPLAIN
- PROPOSED 500-YEAR FLOODPLAIN
- PROPOSED FLOODWAY
- PROPOSED 100-YEAR TRIBUTARY TIE-IN
- PROPOSED 500-YEAR TRIBUTARY TIE-IN
- BENCHMARK REFERENCE
- SECTION LINES
- JURISDICTIONAL BOUNDARY
- 2 FOOT ELEVATION CONTOURS
- 10 FOOT ELEVATION CONTOURS
- EFFECTIVE TRIBUTARY FLOODPLAIN

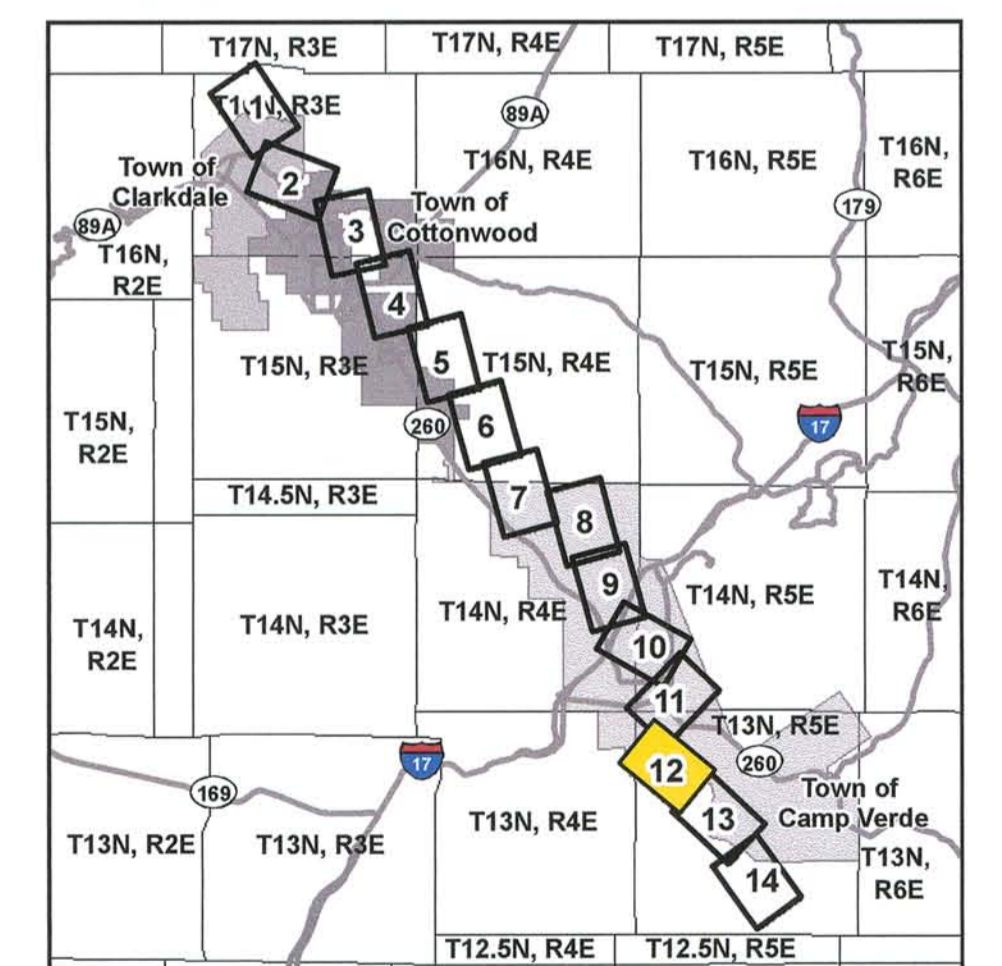
BENCHMARK INFORMATION:
 BM ID: 130A
 DATUM: NAVD 88, ELEVATION: 3060.15
 NORTHING: 1287332.607, EASTING: 715380.581
 EXISTING CONTROL MONUMENT

GENERAL CONVERSION FROM NAVD 88 TO NGVD 29
 FOR THIS MAP'S LIMITS, SUBTRACT 2.34 FEET.



SCALE: 1" = 400'
 CONTOUR INTERVAL = 2'

INDEX MAP



AERIAL PHOTOGRAPHY PREPARED BY AERIAL DATA SERVICE, INC.
 FLIGHT DATE: APRIL 24, 2007 PHOTO SCALE: 1"=600'

TOPOGRAPHIC MAPPING PREPARED BY VERTICAL MAPPING RESOURCES INC.
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FLOODPLAIN DELINEATION WORK MAP FOR VERDE RIVER

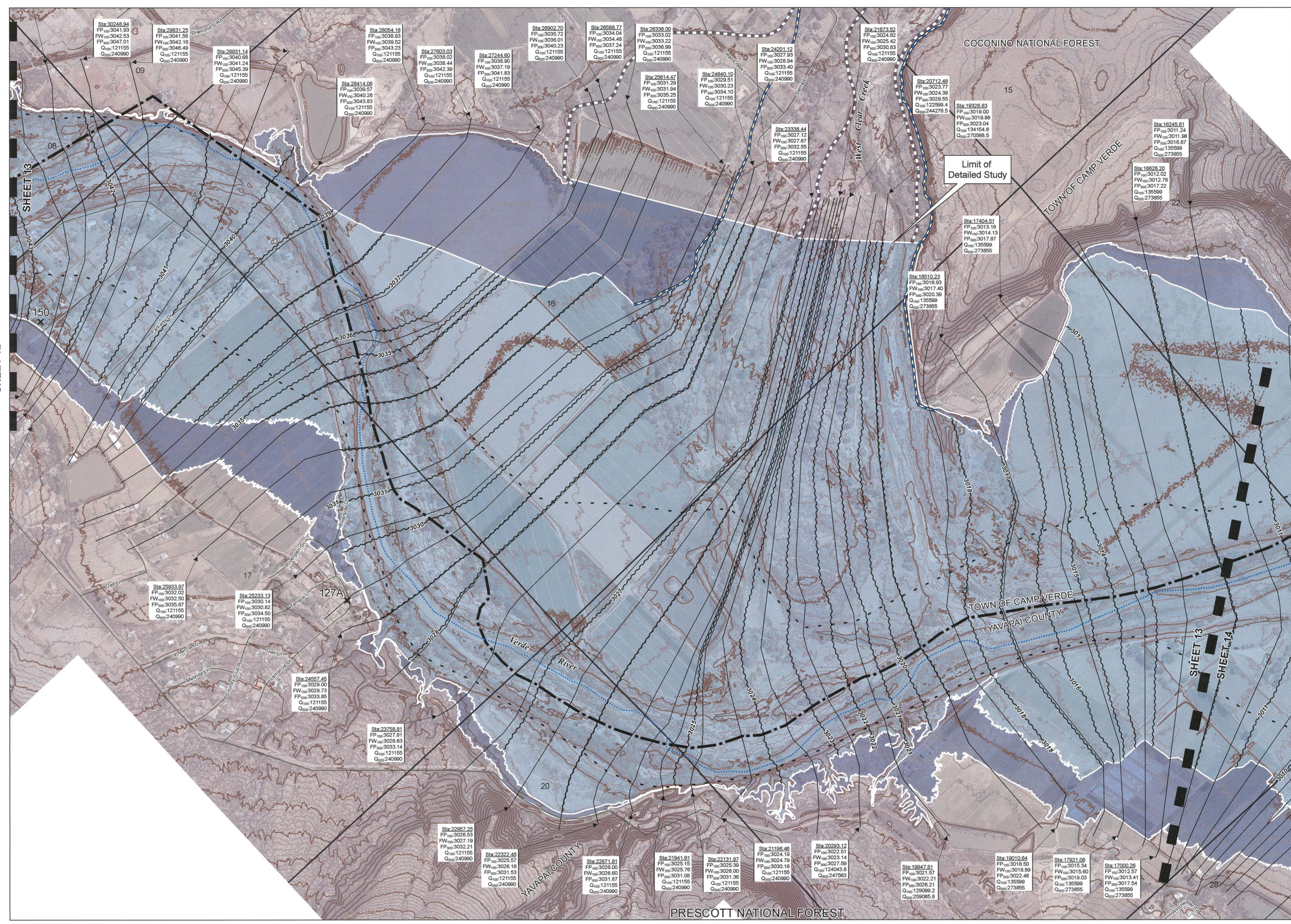


VERDE RIVER FLOOD HAZARD
 ASSESSMENT IN SUPPORT OF A
 FLOODPLAIN REDELINEATION
 FOR YAVAPAI COUNTY, ARIZONA

YCFCD PROJECT NUMBER: FC0139
 HDR PROJECT NUMBER: 114474



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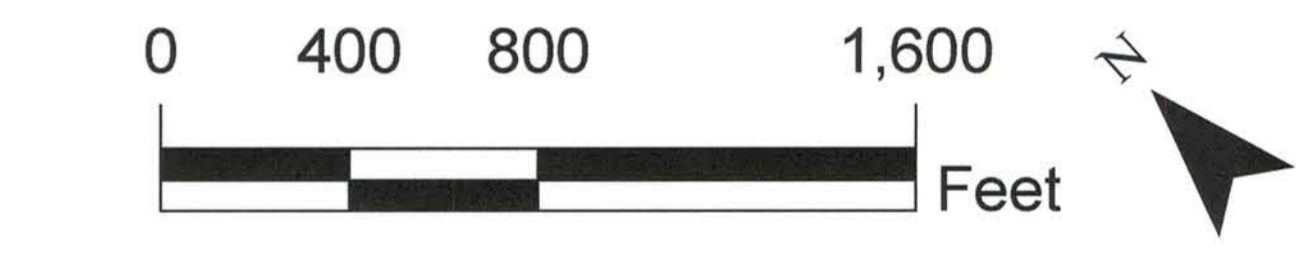


Legend

- 100-YEAR WATER SURFACE ELEVATION
- CROSS SECTION CUT LINES
- RIVER ALIGNMENT
- COUNTY ROADWAYS
- ADOT HIGHWAYS
- PROPOSED 100-YEAR FLOODPLAIN
- PROPOSED 500-YEAR FLOODPLAIN
- PROPOSED FLOODWAY
- PROPOSED 100-YEAR TRIBUTARY TIE-IN
- PROPOSED 500-YEAR TRIBUTARY TIE-IN
- BENCHMARK REFERENCE
- SECTION LINES
- JURISDICTIONAL BOUNDARY
- 2 FOOT ELEVATION CONTOURS
- 10 FOOT ELEVATION CONTOURS
- EFFECTIVE TRIBUTARY FLOODPLAIN

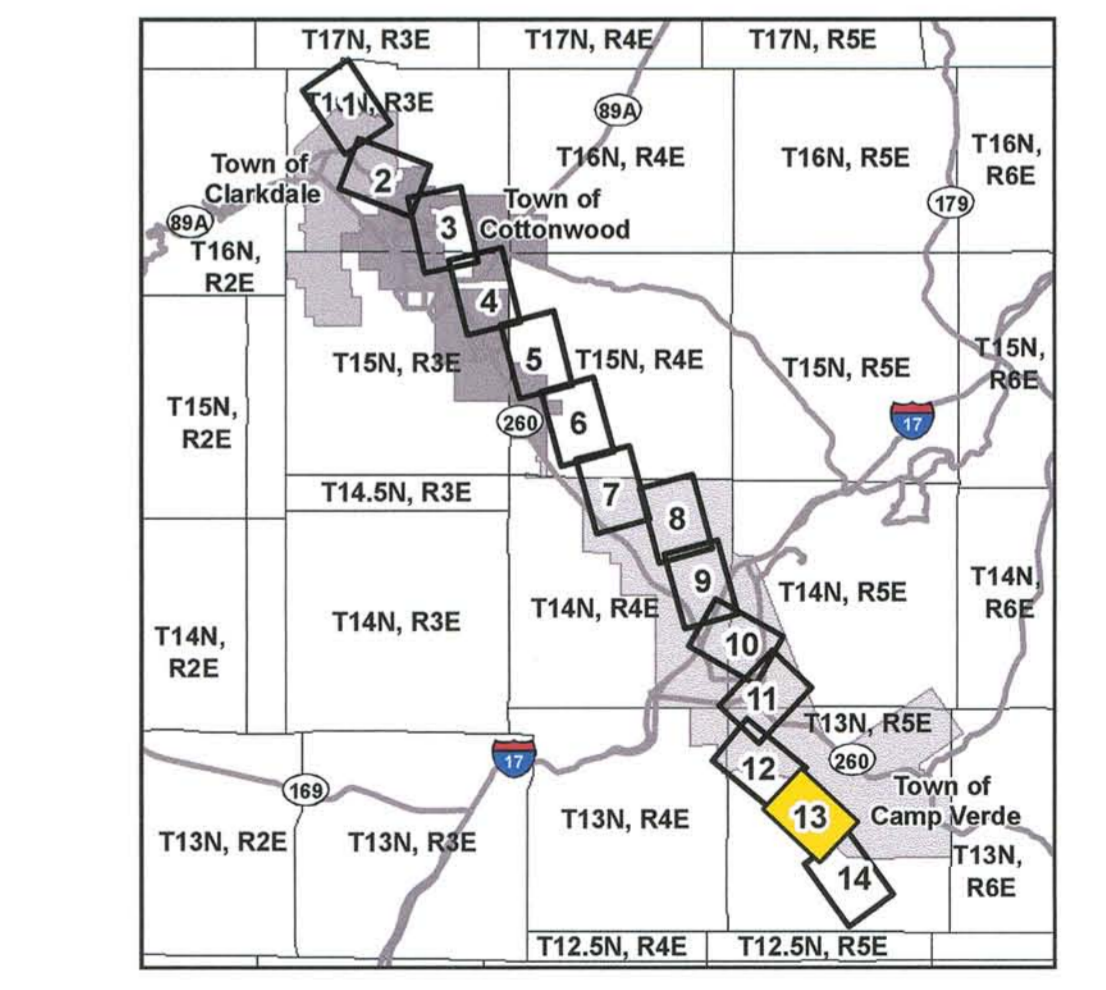
BENCHMARK INFORMATION:
 BM ID: 127A
 DATUM: NAVD 88, ELEVATION: 3040.52
 NORTHING: 1278765.989, EASTING: 722643.948
 EXISTING CONTROL MONUMENT

GENERAL CONVERSION FROM NAVD 88 TO NGVD 29
 FOR THIS MAP'S LIMITS, SUBTRACT 2.34 FEET.



SCALE: 1" = 400'
 CONTOUR INTERVAL = 2'

INDEX MAP



AERIAL PHOTOGRAPHY PREPARED BY AERIAL DATA SERVICE, INC.
 FLIGHT DATE: APRIL 24, 2007 PHOTO SCALE: 1"=600'

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FLOODPLAIN DELINEATION WORK MAP FOR VERDE RIVER



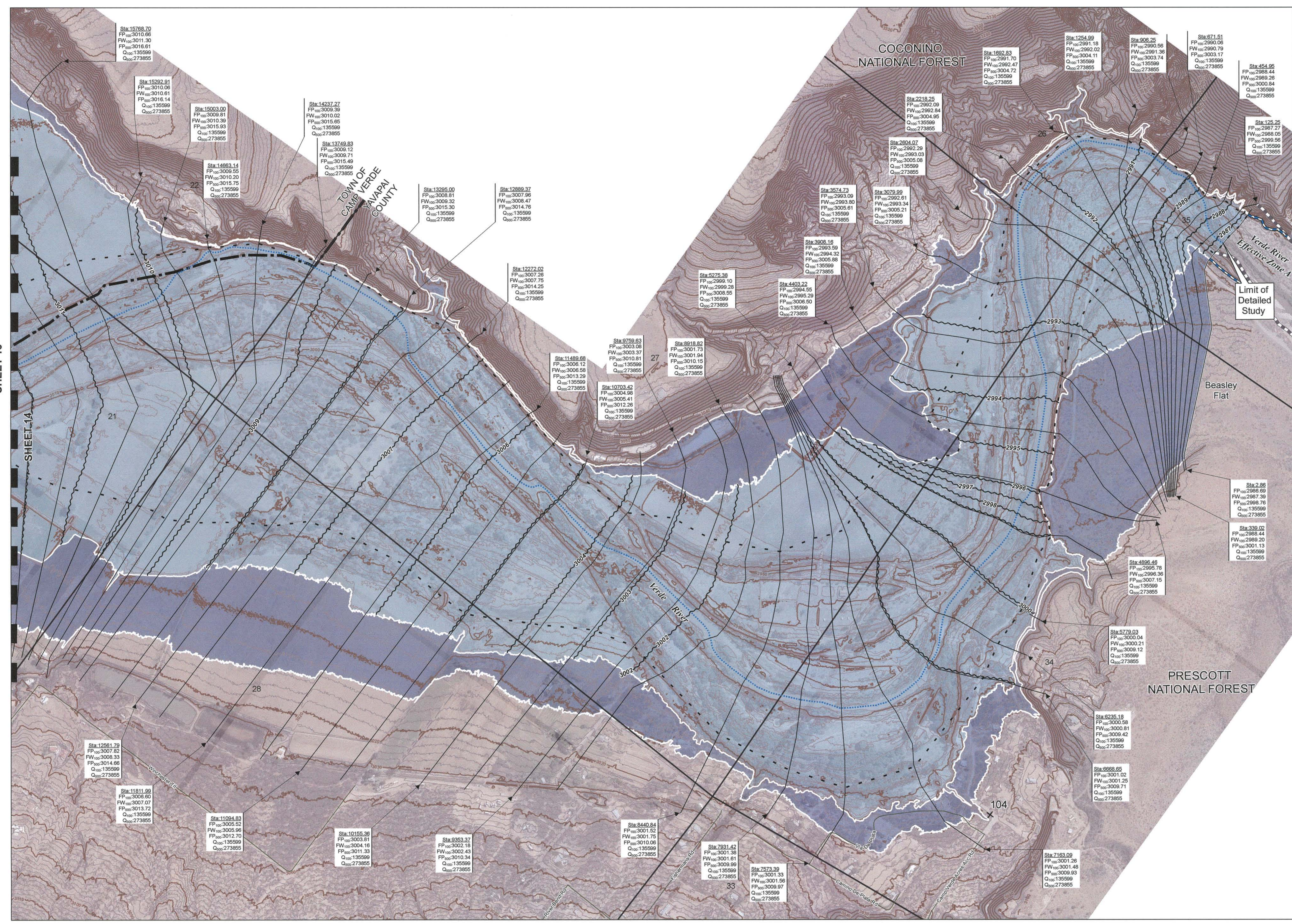
VERDE RIVER FLOOD HAZARD
 ASSESSMENT IN SUPPORT OF A
 FLOODPLAIN REDELINEATION
 FOR YAVAPAI COUNTY, ARIZONA

YCFCF PROJECT NUMBER: FC0139
 HDR PROJECT NUMBER: 114474

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 JANUARY 2011



SHEET 13
SHEET 14



Legend

- 100-YEAR WATER SURFACE ELEVATION
- CROSS SECTION CUT LINES
- RIVER ALIGNMENT
- COUNTY ROADWAYS
- ADOT HIGHWAYS
- PROPOSED 100-YEAR FLOODPLAIN
- PROPOSED 500-YEAR FLOODPLAIN
- PROPOSED FLOODWAY
- PROPOSED 100-YEAR TRIBUTARY TIE-IN
- PROPOSED 500-YEAR TRIBUTARY TIE-IN
- 242A+ BENCHMARK REFERENCE
- SECTION LINES
- JURISDICTIONAL BOUNDARY
- 2 FOOT ELEVATION CONTOURS
- 10 FOOT ELEVATION CONTOURS
- EFFECTIVE TRIBUTARY FLOODPLAIN

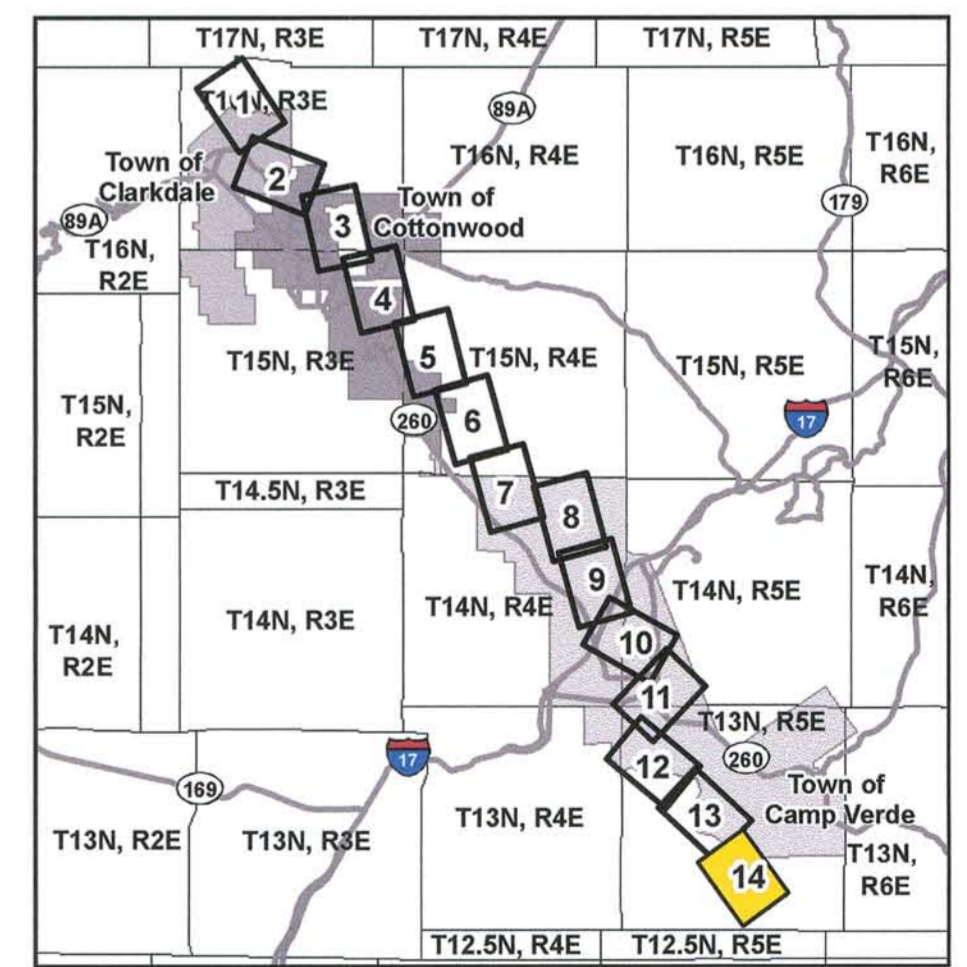
BENCHMARK INFORMATION:
 BM ID: 104
 DATUM: NAVD 88, ELEVATION: 3012.42
 NORTHING: 1264767.364, EASTING: 730041.291
 EXISTING CONTROL MONUMENT

GENERAL CONVERSION FROM NAVD 88 TO NGVD 29
 FOR THIS MAP'S LIMITS, SUBTRACT 2.29 FEET.



SCALE: 1" = 400'
 CONTOUR INTERVAL = 2'

INDEX MAP



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FLOODPLAIN DELINEATION WORK MAP FOR VERDE RIVER



VERDE RIVER FLOOD HAZARD
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 FLOODPLAIN REDELINEATION
 FOR YAVAPAI COUNTY, ARIZONA

YCFCO PROJECT NUMBER: FC0139
 HDR PROJECT NUMBER: 114474

SHEET 14 OF 14
 JANUARY 2011

