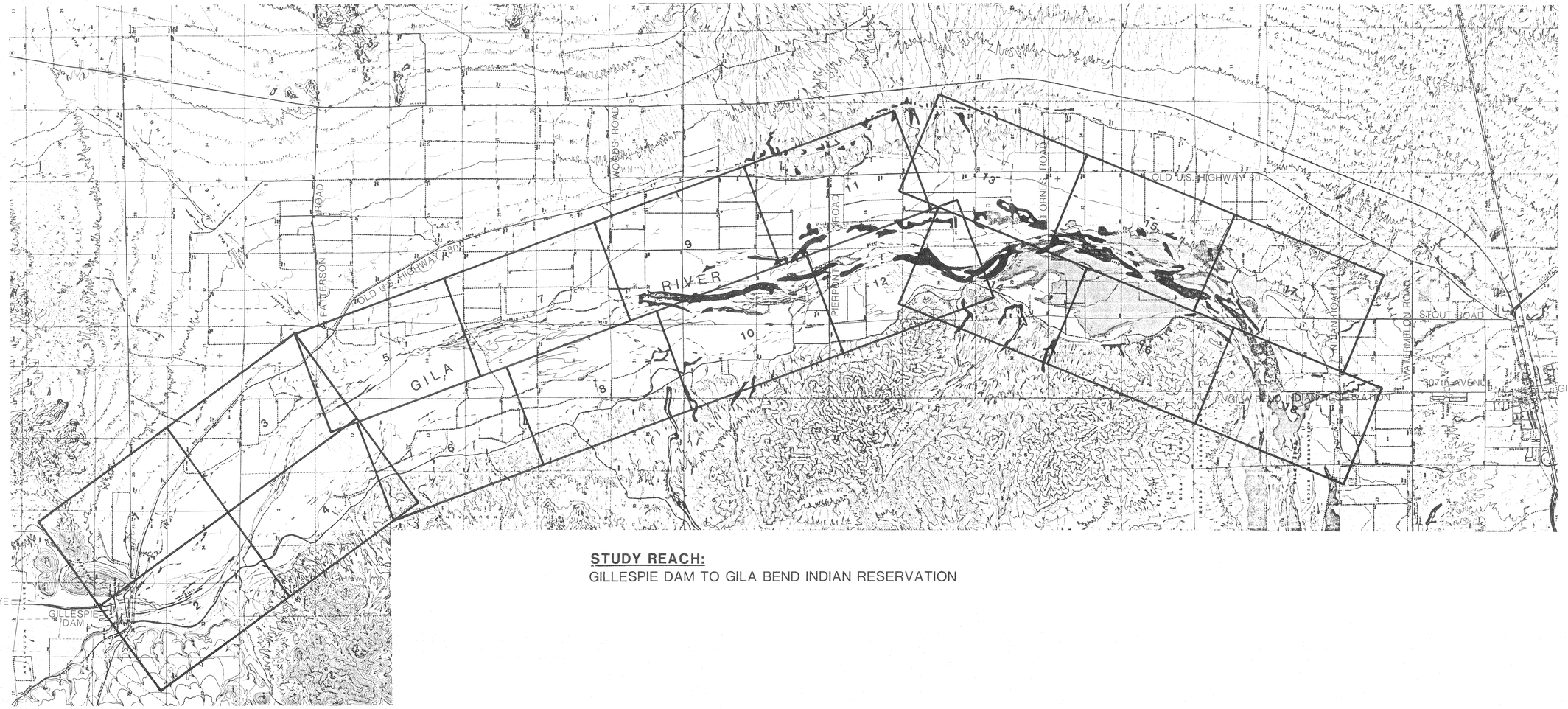
MAP REVISION REQUEST FOR GILA RIVER IN MARICOPA COUNTY, ARIZONA



STUDY REACH:
GILLESPIE DAM TO GILA BEND INDIAN RESERVATION

WORK MAP INDEX

SCALE: 1" = 4000'

FLOOD CONTROL DISTRICT
OF
MARICOPA COUNTY

16 16

CELLA BARR ASSOCIATES
Engineering · Planning · Surveying · Landscape Architecture · Hydrology
5062 N. 19th AVENUE PHOENIX, ARIZONA 85015
(602) 242-2999

CBA File No. 41389-01-30

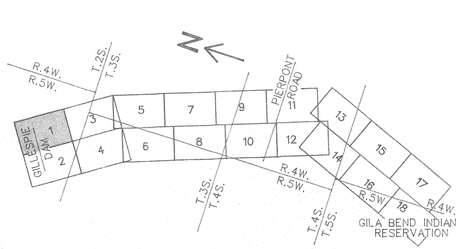
ERM 2 — USC & GS brass cap 1.3' south of a witness post, 1.5 +/- miles southeast of bridge over Gila River along Old U.S. Highway 80. Cap is 50' +/- southwest of center line of highway. Cap is stamped S-361 1967 located in Section 27, Township 2 South, Range 5 West.

Elevation = 749.46

LEGEND

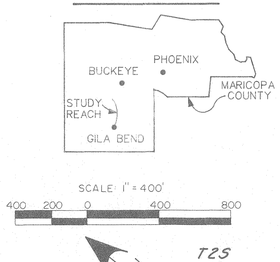
- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- CHANNEL CENTERLINE WITH RIVER MILE — M 150.0
- CROSS SECTION — A — FP-100 YR. WSE / FW-FLOODWAY WSE — A
- RIVER MILE IDENTIFIER FOR CROSS SECTIONS — 148.82 — A
- ELEVATION REFERENCE MARKS — ERM 7
- BASE FLOOD ELEVATIONS — 690
- ZONE DESIGNATIONS — ZONE AE
- 35|36 / 2|1 — SECTION CORNER
- \+ — QUARTER CORNER

INDEX MAP



CURRENT MAP ISSUE DATE: 11/12/90

LOCATION MAP



CBA FILE NO. 41389-01-30

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1" = 400' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS
IT IS BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: CBA

McLAIN HARBERS CO., INC.
AERIAL MAPPING & SURVEYING
1665 E. 18th St., Suite 102
Tucson, Arizona 85719

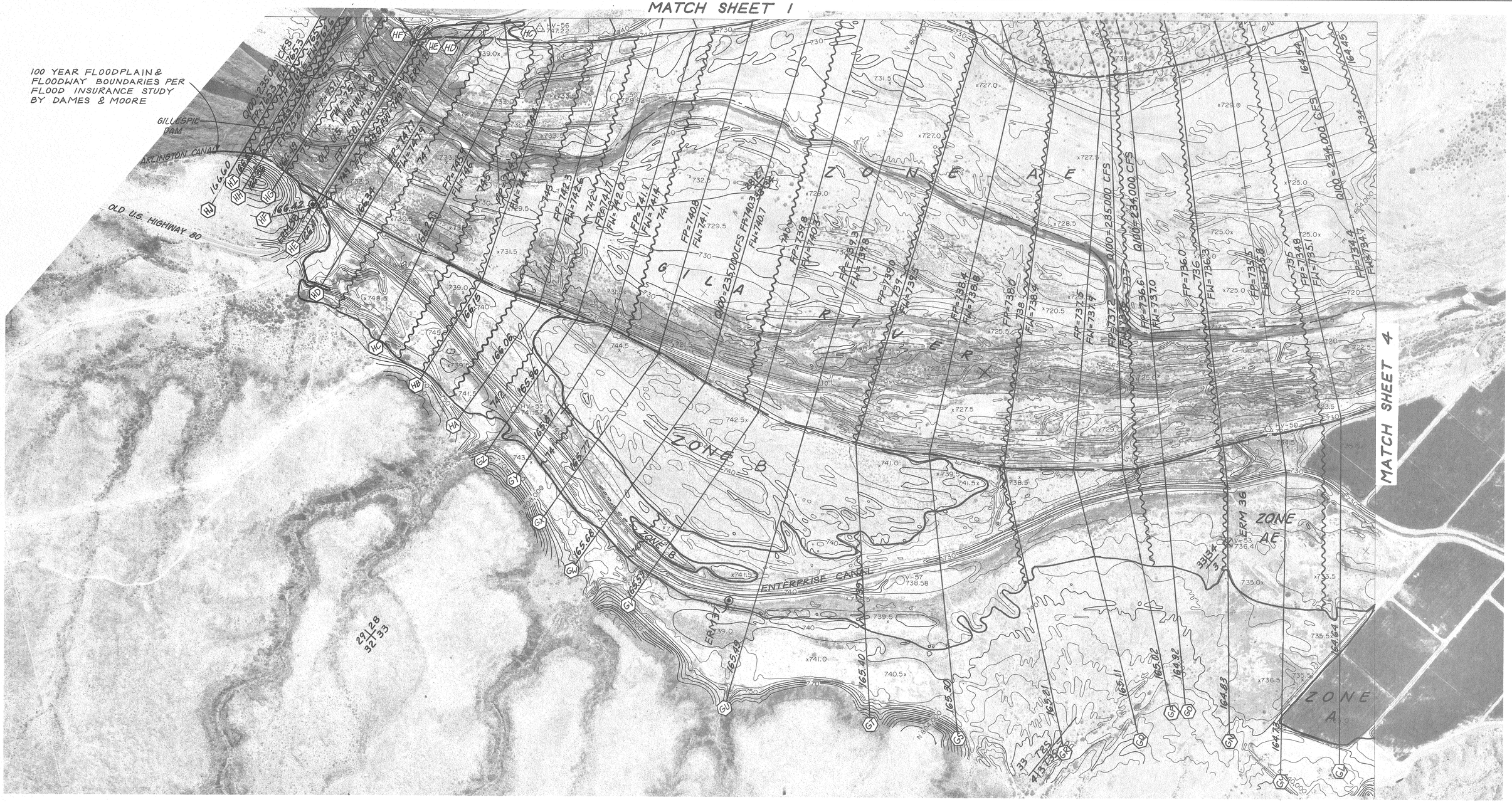
GILA RIVER MAP REVISION REQUEST
GILLESPIE DAM TO GILA BEND INDIAN RESERVATION
MARICOPA COUNTY, ARIZONA

WORK MAP

Stream: GILA RIVER
Scale: 1" = 400 FEET
Sheet 1 of 18
Contour Interval: 2 FEET
Mapping By: McLAIN HARBERS CO., INC.
Date of Flight: 6/22/89

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CBA CELLA BARR ASSOCIATES
5062 North 19th Ave.
Phoenix, Arizona 85015
(602) 242-2999



ERM 1 — USC & GS brass cap on the north end of the most easterly pier of bridge on Old U.S. Highway 80 over Gila River near Gillespie Dam. Located in Section 28, Township 2 South, Range 5 West. Cap is stamped P-13 1927. Elevation = 749.45

ERM 36 — Top of 3/4" O.P. at Section corner 33, 34, and 3, Township 2 South, Range 5 West, 400' west of Enterprise Ranch Road, 1' north of railroad tie 2 miles south of Old U.S. Highway 80 bridge. Elevation = 736.10

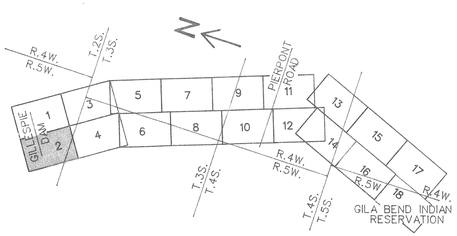
ERM 37 — 2" capped pipe stamped 1979 GD-34 USCE 1.5' east of a metal tee post on west side of Enterprise Ranch Road 1 mile south of Old U.S. Highway 80 bridge. Pipe has a piece of PVC conduit over top and is near the north 1/4 corner of Section 33, Township 2 North, Range 5 West. Elevation = 744.75

ERM 38 — USC & GS brass cap stamped Q-13 1927 on the north end of the most westerly pier of the Old U.S. Highway 80 bridge over the Gila River near Gillespie Dam in Section 28, Township 2 South, Range 5 West. Elevation = 746.45

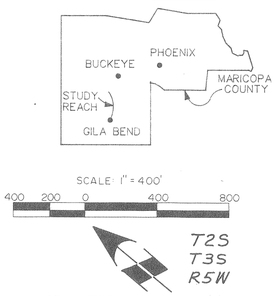
LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- CHANNEL CENTERLINE WITH RIVER MILE (M 150.0)
- CROSS SECTION (A — FP=100 YR. WSE / FW=FLOODWAY WSE — A)
- RIVER MILE IDENTIFIER FOR CROSS SECTIONS (148.82 A)
- ELEVATION REFERENCE MARKS (ERM 7)
- BASE FLOOD ELEVATIONS (690)
- ZONE DESIGNATIONS (ZONE AE)
- 35 | 36 / 2 | 1 — SECTION CORNER
- QUARTER CORNER

INDEX MAP



LOCATION MAP



CURRENT MAP ISSUE DATE: 11/12/90

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Tucson, Arizona 85719

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GILA RIVER MAP REVISION REQUEST
GILLESPIE DAM TO GILA BEND INDIAN RESERVATION
MARICOPA COUNTY, ARIZONA

WORK MAP

Stream: GILA RIVER
Sheet 2 of 18
Mapping By: McLAIN HARBERS CO., INC.
Scale: 1" = 400 FEET
Contour Interval: 2 FEET
Date of Flight: 6/22/89

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CELLA BARR ASSOCIATES
5062 North 19th Ave.
Phoenix, Arizona 85015
(602) 242-2999

MATCH SHEET 1

MATCH SHEET 5

MATCH SHEET 4

OLD U.S. HIGHWAY 80

GILA BEND CANAL

ERM 3

ERM 4

ERM 5

ZONE AE

GILA RIVER

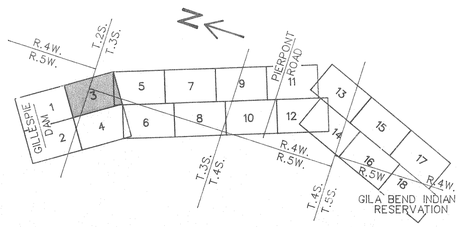
Q100=234,000 CFS

PATTERSON ROAD (EXTENDED)

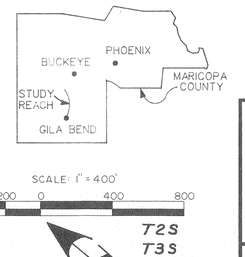
LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
CHANNEL CENTERLINE WITH RIVER MILE	M 150.0
CROSS SECTION	A FP=100 YR. WSE / FW=FLOODWAY WSE A
RIVER MILE IDENTIFIER FOR CROSS SECTIONS	148.82 A
ELEVATION REFERENCE MARKS	ERM 7
BASE FLOOD ELEVATIONS	690
ZONE DESIGNATIONS	ZONE AE
35 | 36 / 2 | 1	SECTION CORNER
+	QUARTER CORNER

INDEX MAP



LOCATION MAP



CURRENT MAP ISSUE DATE: 11/12/90

CBA FILE NO. 41389-01-30

ERM 3	USC & GS brass cap 2' +/- south of witness post. 2.5 +/- miles southeast of bridge over Gila River along Old U.S. Highway 80. Cap is 50' +/- southwest of center line of highway. Cap is stamped R-361 1967 located in Section 35, Township 2 North, Range 5 West. Elevation = 747.75
ERM 4	USC & GS brass cap 1.5' south of a witness post. 3.5 +/- miles southeast of bridge over Gila River along Old U.S. Highway 80. Cap is 50' +/- southwest of center line of highway. Cap is stamped R-13 1927 located in Section 36, Township 2 South, Range 5 West. Elevation = 748.31
ERM 5	USC & GS brass cap 1.5' +/- south of witness post. 4.5 +/- miles southeast of bridge over Gila River and 1.0 +/- miles northwest of intersection of Old U.S. Highway 80 and Patterson Road along Old U.S. Highway 80 50' +/- southwest of center line of Highway. Cap is stamped Q-361 1967 located in Section 6, Township 3 South, Range 5 West. Elevation = 747.68

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Tucson, Arizona 85719

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GILA RIVER MAP REVISION REQUEST

GILLESPIE DAM TO GILA BEND INDIAN RESERVATION
MARICOPA COUNTY, ARIZONA

WORK MAP

Stream: GILA RIVER
Scale: 1" = 400 FEET
Sheet 3 of 18
Contour Interval: 2 FEET
Mapping By: McLAIN HARBERS CO., INC.
Date of Flight: 6/22/89

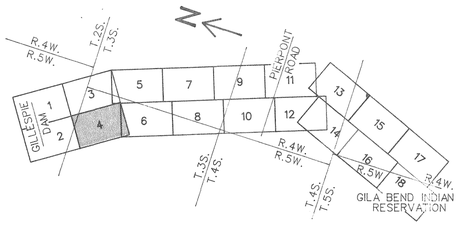
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CBA CELLA BARR ASSOCIATES
5062 North 19th Ave.
Phoenix, Arizona 85015
(602 242-2999

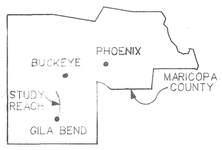
LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
CHANNEL CENTERLINE WITH RIVER MILE	M 150.0
CROSS SECTION	FP=100 YR. WSE / FW=FLOODWAY WSE
RIVER MILE IDENTIFIER FOR CROSS SECTIONS	148.82
ELEVATION REFERENCE MARKS	ERM 7
BASE FLOOD ELEVATIONS	690
ZONE DESIGNATIONS	ZONE AE
35 | 36 / 2 | 1	SECTION CORNER
+	QUARTER CORNER

INDEX MAP



LOCATION MAP



SCALE: 1" = 400'

400 200 0 400 800

T2S
T3S
R5W

ERM 35 — 3.25" aluminum cap stamped MCFCD bench mark Cella Barr Associates RLS 19324 1989 at the southwest corner of the intersection of Enterprise Ranch Road and a drainage channel near Section corner 2, 3, 10, 11, Township 3 South, Range 5 West, 30' west of road.

Elevation = 732.68

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CURRENT MAP ISSUE DATE: 11/12/90

CBA FILE NO. 41389-01-30

GILA RIVER MAP REVISION REQUEST
GILLESPIE DAM TO GILA BEND INDIAN RESERVATION
MARICOPA COUNTY, ARIZONA

WORK MAP

Stream: GILA RIVER

Sheet 4 of 18

Mapping By: McLAIN HARBERS CO., INC.

Scale: 1" = 400 FEET

Contour Interval: 2 FEET

Date of Flight: 6/22/89

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CBA CELLA BARR ASSOCIATES
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Phoenix, Arizona 85015
(602) 242-2999

MATCH SHEET 3

MATCH SHEET 7

MATCH SHEET 6

ERM 6 — N.G.S brass cap on top of concrete pad attached to well casing. Cap is at northeast corner of pad located 85' south of intersection of Patterson Road and Old U.S. Highway 80 and 71' southwest of the center line of Old U.S. Highway 80. Cap is stamped A-476 1981 located in Section 7, Township 3 South, Range 5 West.
Elevation = 749.22

ERM 7 — USC & GS brass cap 1.5' south of a witness post. 1.0 miles southeast of intersection of Old U.S. Highway 80 and Patterson Road along Old U.S. Highway 80. Cap is stamped N-361 1967 located in Section 17, Township 3 South, Range 5 West. 50' +/- southwest of center line of highway.
Elevation = 744.94

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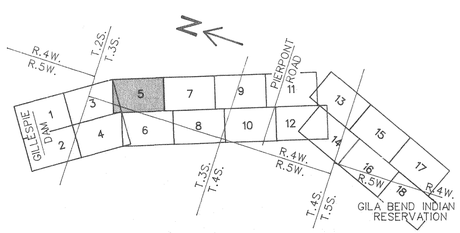
LEGEND

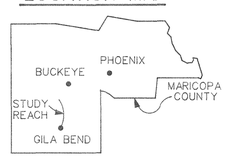
- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- CHANNEL CENTERLINE WITH RIVER MILE — M 150.0
- CROSS SECTION — A — FP=100 YR. WSE / FW=FLOODWAY WSE — A
- RIVER MILE IDENTIFIER FOR CROSS SECTIONS — 148.82 — A
- ELEVATION REFERENCE MARKS — ERM 7
- BASE FLOOD ELEVATIONS — 690
- ZONE DESIGNATIONS — ZONE AE
- 35|36 / 2|1 — SECTION CORNER
- QUARTER CORNER

INDEX MAP



CURRENT MAP ISSUE DATE: 11/12/90

LOCATION MAP



SCALE: 1" = 400'
400 200 0 400 800

T3S
R4W
R5W

CBA FILE NO. 41389-01-30

GILA RIVER MAP REVISION REQUEST
GILLESPIE DAM TO GILA BEND INDIAN RESERVATION
MARICOPA COUNTY, ARIZONA

WORK MAP

Stream: GILA RIVER
Scale: 1" = 400 FEET
Sheet 5 of 18
Contour Interval: 2 FEET
Mapping By: McLAIN HARBERS CO., INC.
Date of Flight: 6/22/89

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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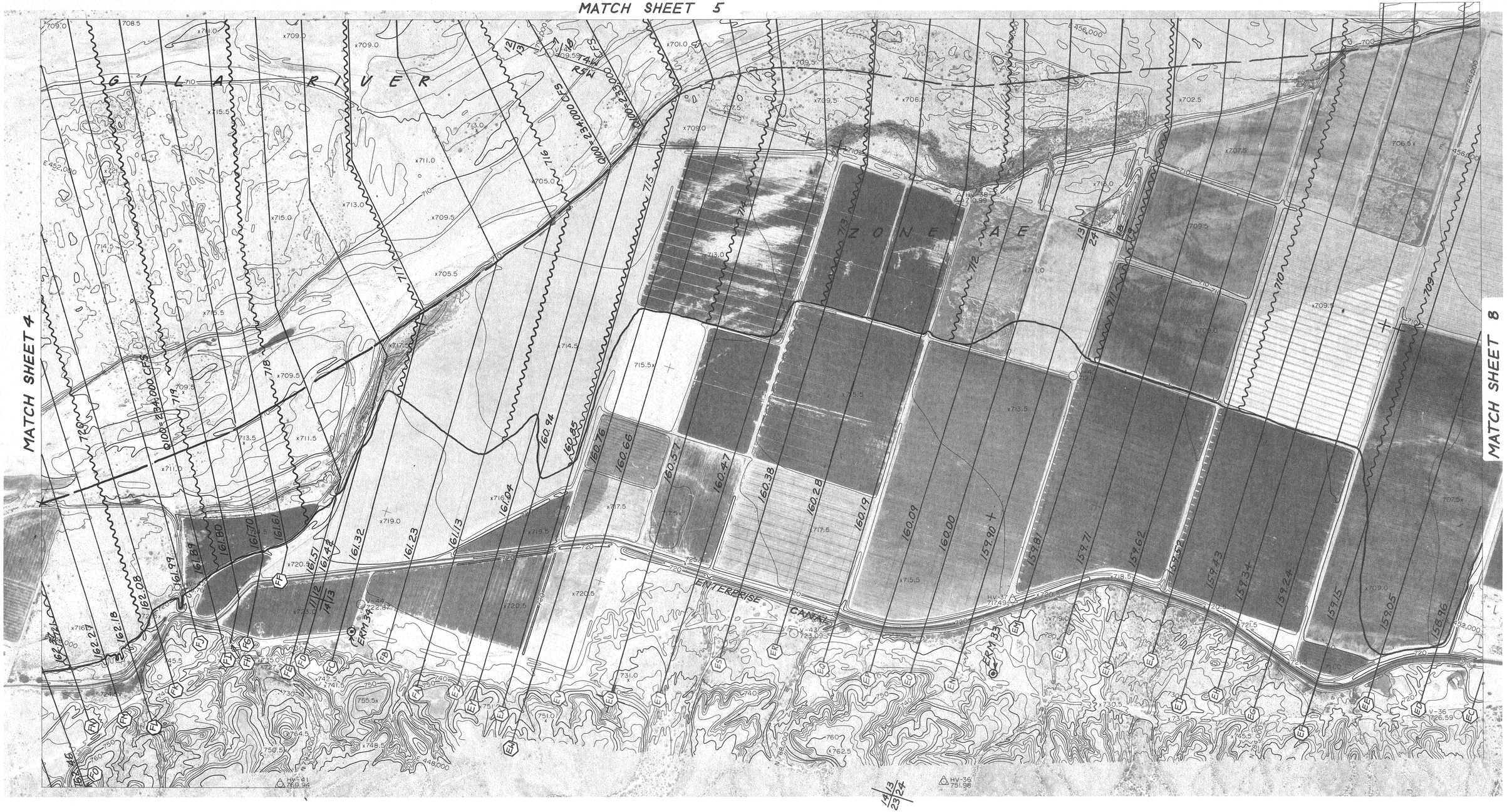
MATCH SHEET 5

MATCH SHEET 4

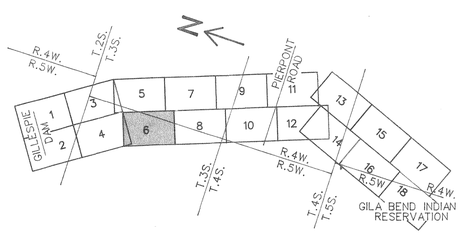
MATCH SHEET 8



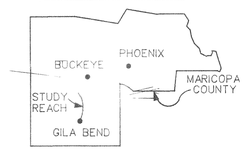
LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
CHANNEL CENTERLINE WITH RIVER MILE	M 150.0
CROSS SECTION	A — FP=100 YR. WSE / FW=FLOODWAY WSE — A
RIVER MILE IDENTIFIER FOR CROSS SECTIONS	148.62 — A
ELEVATION REFERENCE MARKS	ERM 7
BASE FLOOD ELEVATIONS	690
ZONE DESIGNATIONS	ZONE AE
35 | 36 / 2 | 1	SECTION CORNER
+	QUARTER CORNER

INDEX MAP



LOCATION MAP



SCALE: 1" = 400'

400 200 0 400 800

T3S R4W R5W

CURRENT MAP ISSUE DATE: 11/12/90

CBA FILE NO. 41389-01-30

ERM 33 — 3.25" aluminum cap stamped MCFCD bench mark Cella Barr Associates RLS 19324 1989 0.8 miles north of main entrance to Enterprise Ranch 70' east of Enterprise Ranch Road 1.0' west of barbed wire fence.
Elevation = 724.79

ERM 34 — 3.25" aluminum cap stamped MCFCD bench mark Cella Barr Associates RLS 19324 1989, 500' +/- west of section corner 11, 12, 13, 14, Township 3 South, Range 5 West, 1' west of a barbed wire fence on the east side of Enterprise Ranch Road.
Elevation = 723.31

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GILA RIVER MAP REVISION REQUEST
GILLESPIE DAM TO GILA BEND INDIAN RESERVATION
MARICOPA COUNTY, ARIZONA

WORK MAP

Stream: GILA RIVER

Sheet 6 of 18

Mapping By: McLAIN HARBERS CO., INC.

Scale: 1" = 400 FEET

Contour Interval: 2 FEET

Date of Flight: 6/22/89

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CELLA BARR ASSOCIATES
5062 North 19th Ave.
Phoenix, Arizona 85015
(602) 242-2999

MATCH SHEET 5

MATCH SHEET 9

MATCH SHEET 8

ERM 8 — USC & GS brass cap 2' west of a witness post. 2 +/- miles southeast of the intersection of Old U.S. Highway 80 and Patterson Road along Old U.S. Highway 80. 80' +/- southwest of Center line of highway. Cap is stamped M-361 1967 located in Section 16, Township 3 South, Range 5 West.
Elevation = 745.35

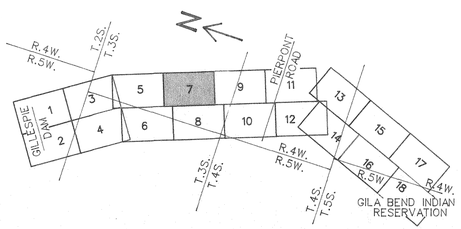
ERM 9 — USC & GS brass cap 2' north of a witness post. 3 +/- miles southeast of the intersection of Old U.S. Highway 80 and Patterson Road and 1 +/- mile northwest of intersection of Old U.S. Highway 80 and Woods Road along Old U.S. Highway 80. 50' +/- northeast of the center line of highway. Cap is stamped L-361 1967 located in Section 21, Township 3 South, Range 5 West.
Elevation = 741.86

ERM 10 — USC & GS brass cap 1.5' south of a witness post on southeast corner of the intersection of the intersection of Old U.S. Highway 80 and Woods Road. Cap is 185' +/- northeast of the center line of Old U.S. Highway 80 and 70' +/- southeast of center line of Woods Road. Cap is stamped T-13 1927 located in Section 33, Township 3 South, Range 4 West.
Elevation = 742.47

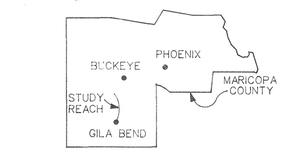
LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- CHANNEL CENTERLINE WITH RIVER MILE — M 150.0
- CROSS SECTION — A FP-100 YR. WSE / FW-FLOODWAY WSE A
- RIVER MILE IDENTIFIER FOR CROSS SECTIONS — 148.82 A
- ELEVATION REFERENCE MARKS — ERM 7
- BASE FLOOD ELEVATIONS — 690
- ZONE DESIGNATIONS — ZONE AE
- 35|36 / 2|1 — SECTION CORNER
- + — QUARTER CORNER

INDEX MAP



LOCATION MAP



SCALE: 1" = 400'
400 200 0 400 800

T3S R4W

CURRENT MAP ISSUE DATE: 11/12/90

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Tucson, Arizona 85719

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GILA RIVER MAP REVISION REQUEST
GILLESPIE DAM TO GILA BEND INDIAN RESERVATION
MARICOPA COUNTY, ARIZONA

WORK MAP

Stream: GILA RIVER
Scale: 1" = 400 FEET
Sheet 7 of 18
Contour Interval: 2 FEET
Mapping By: McLAIN HARBERS CO., INC.
Date of Flight: 6/22/89

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CBA CELLA BARR ASSOCIATES
5062 North 19th Ave.
Phoenix, Arizona 85015
(602 242-2999

MATCH SHEET 7

MATCH SHEET 6

MATCH SHEET 10

ZONE B

ZONE AE

GILA RIVER

Q100= 232,000 CFS

ENTERPRISE RANCH

ENTERPRISE CANAL

ERM 31

781,304.32
454,326.50
(STATE PLANE)

781,301.35
451,654.38
(STATE PLANE)

ERM 30 — 3.25" aluminum cap stamped MCFCD bench mark Cella Barr Associates RLS 19324 1989 on east side of Enterprise Road, 2 miles north of Pierpoint Road near north line of Section 6, Township 4 South, Range 4 West.
Elevation = 703.27

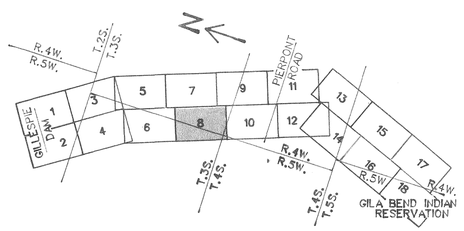
ERM 31 — 3.25" aluminum cap stamped MCFCD bench mark Cella Barr Associates RLS 19324 1989 near north line of Section 36, Township 3 South, Range 5 West, 1.2 miles south of the main entrance to the Enterprise Ranch, 100' +/- east of Enterprise Ranch Road 1.5' west of a barbed wire fence.
Elevation = 705.15

ERM 32 — Brass cap on 2" pipe in concrete stamped 1/4 corner 24 and 25, LS 6177, Township 35, Range 5 West, 0.2 miles south of main entrance to the Enterprise Ranch, 50' west of Enterprise Ranch Road.
Elevation = 721.96

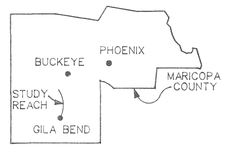
LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- CHANNEL CENTERLINE WITH RIVER MILE — M 150.0
- CROSS SECTION — A FP=100 YR. WSE / FW=FLOODWAY WSE A
- RIVER MILE IDENTIFIER FOR CROSS SECTIONS — 148.82 A
- ELEVATION REFERENCE MARKS — ERM 7
- BASE FLOOD ELEVATIONS — 690
- ZONE DESIGNATIONS — ZONE AE
- 35/2 | 36/1 — SECTION CORNER
- \+ — QUARTER CORNER

INDEX MAP



LOCATION MAP



SCALE: 1" = 400'

400 200 0 400 800

T3S
R4W
R5W

CURRENT MAP ISSUE DATE: 11/12/90

CBA FILE NO. 41389-01-30

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MARICOPA COUNTY, ARIZONA

WORK MAP

Stream: GILA RIVER
Scale: 1" = 400 FEET
Sheet 8 of 18
Contour Interval: 2 FEET
Mapping By: McLAIN HARBERS CO., INC.
Date of Flight: 6/22/89

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CELLA BARR ASSOCIATES
5062 North 19th Ave.
Phoenix, Arizona 85015
(602 242-2999

MATCH SHEET 7

MATCH SHEET 11

MATCH SHEET 10

ERM 11

ERM 12

Old U.S. HIGHWAY 80

GILA RIVER

ZONE AE

Q100=232,000 CFS

370,698.55
462,281.90
STATE PLANE

HV-30
713.37

HV-29
695.96

HV-28
693.64

HV-27
722.37

HV-26
703.51

HV-25
693.51

HV-24
703.51

HV-23
703.51

HV-22
703.51

135.97 136.87 136.78 136.68 136.59 136.49 136.40 136.30 136.21 136.12 136.02 155.93 155.83 155.74 155.64 155.55 155.45 155.34 155.26 155.17 155.07 154.98 154.88 154.78 154.69 154.59 154.51 154.41 154.32

T3S R3W 33 T3S R4W 4 T4S R3W

E 468,000

E 464,000

N 772,000

N 768,000

N 764,000

N 758,000

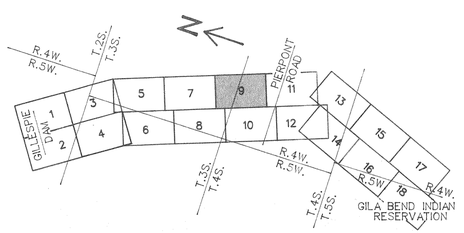
E 464,000

E 468,000

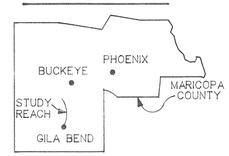
LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- CHANNEL CENTERLINE WITH RIVER MILE — M 150.0
- CROSS SECTION — A — FP=100 YR. WSE / FW=FLOODWAY WSE — A
- RIVER MILE IDENTIFIER FOR CROSS SECTIONS — 148.82 — A
- ELEVATION REFERENCE MARKS — ERM 7
- BASE FLOOD ELEVATIONS — 690
- ZONE DESIGNATIONS — ZONE AE
- 35 | 36 / 2 | 1 — SECTION CORNER
- QUARTER CORNER

INDEX MAP



LOCATION MAP



SCALE: 1" = 400'

400 200 0 400 800

T3S
T4S
R4W

CURRENT MAP ISSUE DATE: 11/12/90

CBA FILE NO. 41389-01-30

ERM 11 — USC & GS brass cap 1" south of a witness post. 0.7 +/- miles southeast of the intersection of Old U.S. Highway 80 and Woods Road along Old U.S. Highway 80. 53'+/- northeast of center line of highway. Cap is stamped K-361 1967 located in Section 33, Township 3 South, Range 4 West.
Elevation = 736.26

ERM 12 — N.G.S. brass cap on top of concrete pad attached to well casing. Cap is at the west corner of the pad. Located near section corner 3, 4, 9, 10, Township 3 South, Range 4 West, and is 95' west of the center line of Old U.S. Highway 80 69' southwest of power pole number 41. Cap is stamped B-476 1981
Elevation = 730.32

McLAIN HARBERS CO., INC.
AERIAL MAPPING & SURVEYING
1965 E. 18th St., Suite 102
Tucson, Arizona 85719

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1" = 400' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS
IT IS BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: CBA

GILA RIVER MAP REVISION REQUEST
GILLESPIE DAM TO GILA BEND INDIAN RESERVATION
MARICOPA COUNTY, ARIZONA

WORK MAP

Stream: GILA RIVER

Sheet 9 of 18

Mapping By: McLAIN HARBERS CO., INC.

Scale: 1" = 400 FEET

Contour Interval: 2 FEET

Date of Flight: 6/22/89

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CELLA BARR ASSOCIATES
5062 North 19th Ave.
Phoenix, Arizona 85015
(602 242-2999

MATCH SHEET 9

MATCH SHEET 8

MATCH SHEET 12

GILA RIVER ZONE AE

Q100=232,000 CFS

765,399.27
456,840.98
(STATE PLANE)

ERM 28

ERM 29

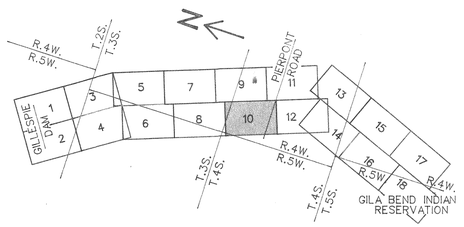
LEGEND

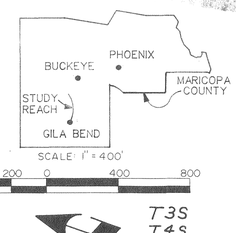
- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- CHANNEL CENTERLINE WITH RIVER MILE — M 150.0
- CROSS SECTION — A — FP=100 YR. WSE / FW=FLOODWAY WSE — A
- RIVER MILE IDENTIFIER FOR CROSS SECTIONS — 148.82 — A
- ELEVATION REFERENCE MARKS — ERM 7
- BASE FLOOD ELEVATIONS — 690
- ZONE DESIGNATIONS — ZONE AE
- 35 | 36 / 2 | 1 — SECTION CORNER
- QUARTER CORNER

GLO brass cap section corner 7, 8, 17, 18, Township 4 South, Range 4 West, 2 miles west of Old U.S. Highway 80 on south side of Pierpoint Road.
Elevation = 683.09

BLM brass cap 1/4 corner sections 6 and 7, Township 4 South, Range 4 West, 2.5 miles west of Old U.S. Highway 80, and 1 mile north of Pierpoint Road 200' +/- west of Enterprise Ranch Road.
Elevation = 699.95

INDEX MAP





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CBA FILE NO. 41389-01-30

GILA RIVER MAP REVISION REQUEST
GILLESPIE DAM TO GILA BEND INDIAN RESERVATION
MARICOPA COUNTY, ARIZONA

WORK MAP

Stream: GILA RIVER

Sheet 10 of 18

Mapping By: McLAIN HARBERS CO., INC.

Scale: 1" = 400 FEET

Contour Interval: 2 FEET

Date of Flight: 6/22/89

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

McLAIN HARBERS CO., INC.
AERIAL MAPPING & SURVEYING
1665 E. 18th St., Suite 102
Tucson, Arizona 85719

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1" = 400' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.
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CBA CELLA BARR ASSOCIATES
5062 North 19th Ave.
Phoenix, Arizona 85015
(602) 242-2999

ERM 13 — USC & GS brass cap 2' east of a witness post. Cap is at southwest corner of the intersection of Old U.S. Highway 80 and Pierpoint Road 80' west of the center line of the highway and 17' south of the center line of Pierpoint Road. Cap is stamped J-361 1967 located near the northeast corner of Section 16, Township 3 South, Range 4 West.

Elevation - 712.495

ERM 14 — N.G.S. brass cap on top of northwest corner of a concrete pad attached to a well casing. Located near section corner 15, 16, 21, 22, Township 4 South, Range 4 West, and is 76' west of the center line of Old U.S. Highway 80. 46' southwest of power pole number 5-R. Cap is stamped C-476 1981

Elevation - 699.61

ERM 15 — USC & GS brass cap 1' west of a witness post. 1 mile north of Fornes Road along Old U.S. Highway 80. 50' +/- west of the center line of the highway. Cap is stamped G-361 1967 located near the northeast corner of Section 28, Township 3 South, Range 4 West.

Elevation - 687.94

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AERIAL MAPPING & SURVEYING
1665 E. 18th St., Suite 102
Tucson, Arizona 85719

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LEGEND

100-YR FLOODPLAIN BOUNDARY

FLOODWAY BOUNDARY

CHANNEL CENTERLINE WITH RIVER MILE — M 150.0

CROSS SECTION — FP=100 YR. WSE; FW=FLOODWAY WSE

RIVER MILE IDENTIFIER FOR CROSS SECTIONS — 148.82

ELEVATION REFERENCE MARKS — ERM 7

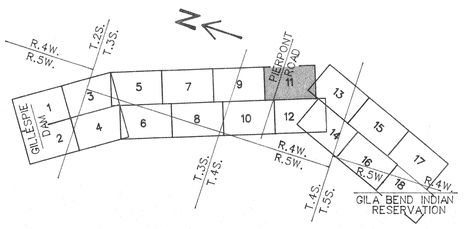
BASE FLOOD ELEVATIONS — 690

ZONE DESIGNATIONS — ZONE AE

35 | 36 / 2 | 1 — SECTION CORNER

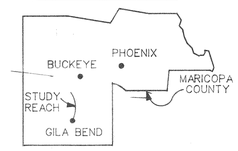
QUARTER CORNER

INDEX MAP



CURRENT MAP ISSUE DATE: 11/12/90

LOCATION MAP



SCALE: 1" = 400'

400 200 0 400 800

T4S
R4W

CBA FILE NO. 41389-01-30

GILA RIVER MAP REVISION REQUEST
GILLESPIE DAM TO GILA BEND INDIAN RESERVATION
MARICOPA COUNTY, ARIZONA

WORK MAP

Stream: GILA RIVER

Sheet 11 of 18

Mapping By: McLAIN HARBERS CO., INC.

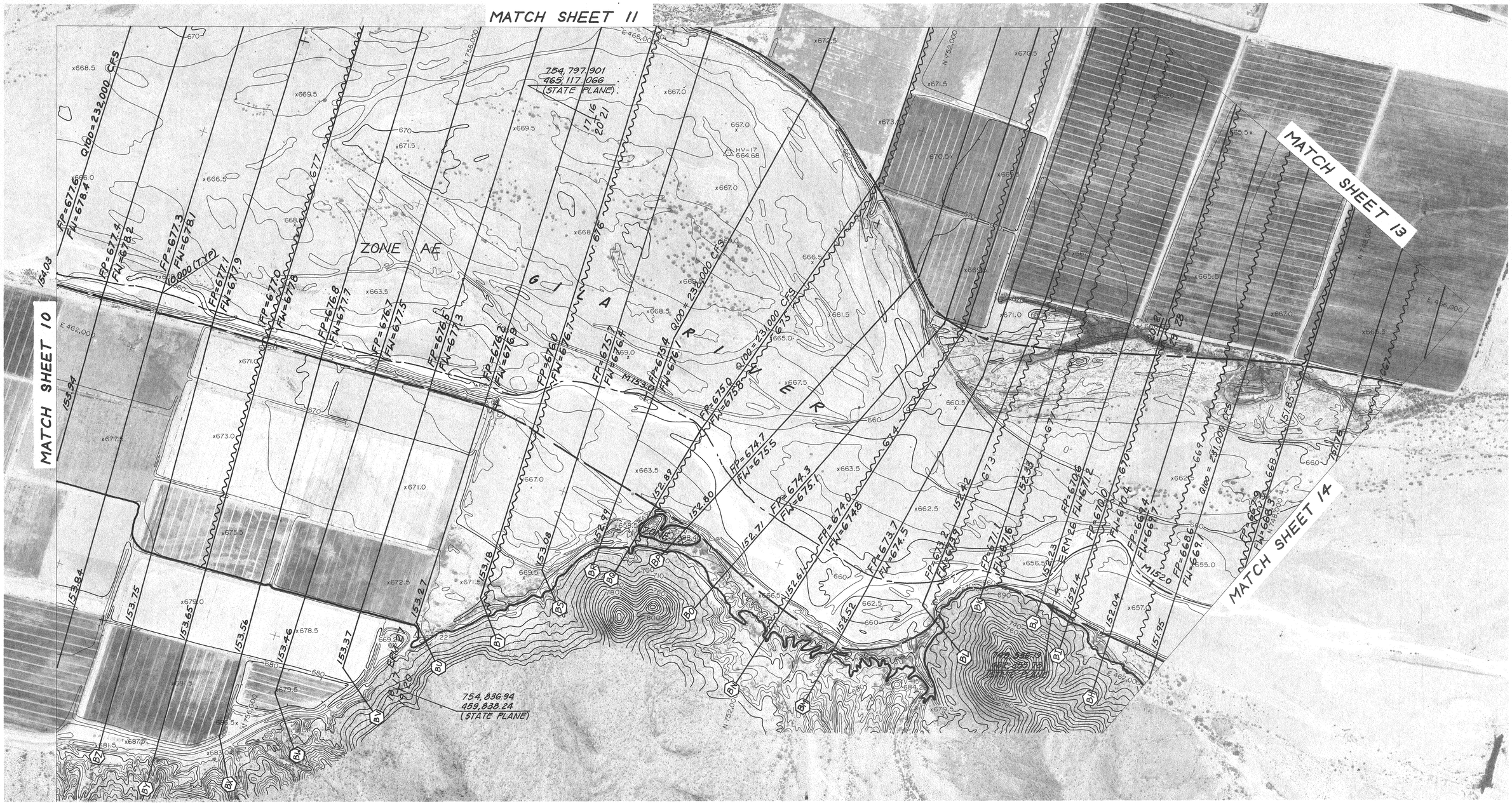
Scale: 1" = 400 FEET

Contour Interval: 2 FEET

Date of Flight: 6/22/89

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

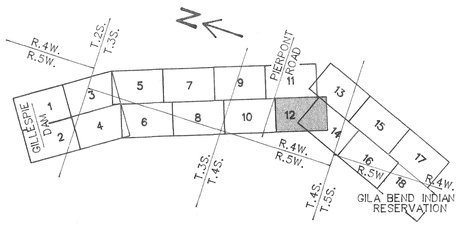
CBA CELLA BARR ASSOCIATES
5062 North 19th Ave.
Phoenix, Arizona 85015
(602) 242-2999



LEGEND

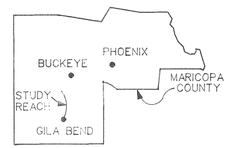
- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- CHANNEL CENTERLINE WITH RIVER MILE — M 150.0
- CROSS SECTION — A — FP=100 YR. WSE / FW=FLOODWAY WSE — A
- RIVER MILE IDENTIFIER FOR CROSS SECTIONS — 148.82 — A
- ELEVATION REFERENCE MARKS — ERM 7
- BASE FLOOD ELEVATIONS — 690
- ZONE DESIGNATIONS — ZONE AE
- 35/2 | 36/1 — SECTION CORNER
- \+ — QUARTER CORNER

INDEX MAP



CURRENT MAP ISSUE DATE: 11/12/90

LOCATION MAP



SCALE: 1" = 400'

400 200 0 400 800

T4S R4W

CBA FILE NO. 41389-01-30

ERM 26 — BLM brass cap 1/4 corner sections 20, 29, Township 4 South, Range 4 West, 1.5 miles west of Old U.S. Highway 80 and 1 mile north of Fornes Road.
Elevation = 671.32

ERM 27 — GLO brass cap section corner 17, 18, 19, 20, Township 4 South, Range 4 West, 2 miles west of Old U.S. Highway 80 and 1 mile south of Pierpoint Road on the side of the mountain 300' +/- south of dirt road.
Elevation = 719.31

McLAIN HARBERS CO., INC.
AERIAL MAPPING & SURVEYING
1665 E. 18th St., Suite 102
Tucson, Arizona 85719

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IT IS BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: CBA

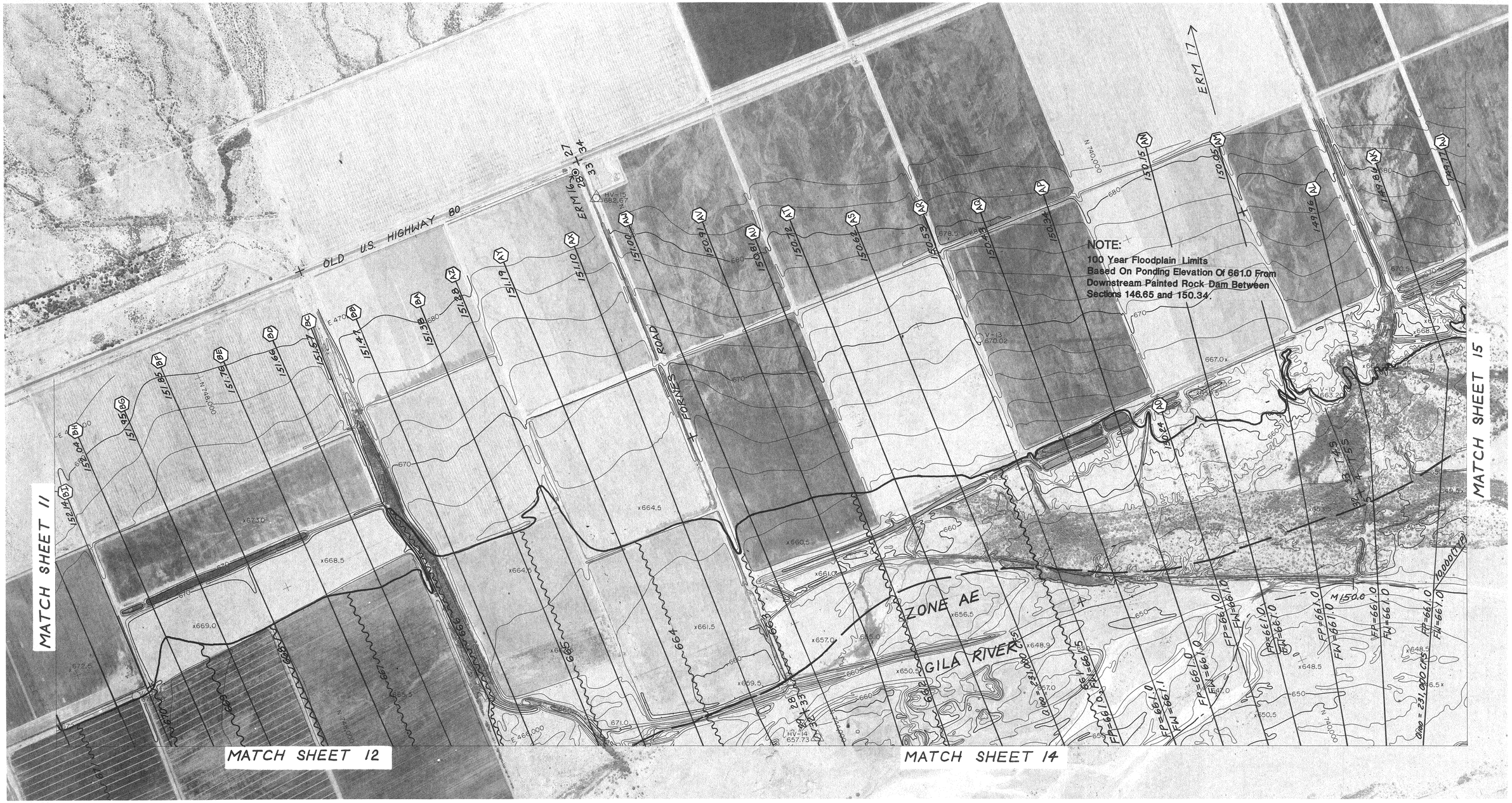
GILA RIVER MAP REVISION REQUEST
GILLESPIE DAM TO GILA BEND INDIAN RESERVATION
MARICOPA COUNTY, ARIZONA

WORK MAP

Stream: GILA RIVER
Scale: 1" = 400 FEET
Sheet 12 of 18
Contour Interval: 2 FEET
Mapping By: McLAIN HARBERS CO., INC.
Date of Flight: 6/22/89

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CBA CELLA BARR ASSOCIATES
5062 North 19th Ave.
Phoenix, Arizona 85015
(602) 242-2999



ERM 16 — N.G.S. brass cap on top of the northeast corner of a concrete pad attached to a well casing. Located at the northwest corner of the intersection on Fornes Road and Old U.S. Highway 80 and 90' north of the center line of Fornes Road near Section corner 27, 28, 33, 34, Township 4 South, Range 4 West. Cap is stamped D-476 1981.
Elevation = 686.50

ERM 17 — N.G.S. brass cap on top of the northwest corner of a concrete pad attached to a well casing. Located near Section corner 33, 34, 4, 3, Township 4 South, Range 4 West, and is 101' west of center line of Old U.S. Highway 80 73' northwest of power pole number 93. Cap is stamped E-476 1981.
Elevation = 704.98

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AERIAL MAPPING & SURVEYING
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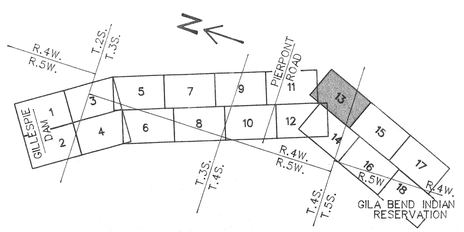
IT IS BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: CBA

LEGEND

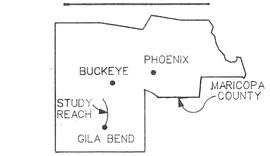
- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- CHANNEL CENTERLINE WITH RIVER MILE — M 150.0
- CROSS SECTION — A — FP=100 YR. WSE / FW=FLOODWAY WSE — A
- RIVER MILE IDENTIFIER FOR CROSS SECTIONS — 148.82
- ELEVATION REFERENCE MARKS — ERM 7
- BASE FLOOD ELEVATIONS — 690
- ZONE DESIGNATIONS — ZONE AE
- 35|36 / 2|1 — SECTION CORNER
- \+ — QUARTER CORNER

INDEX MAP



CURRENT MAP ISSUE DATE: 11/12/90

LOCATION MAP



SCALE: 1" = 400'
400 200 0 400 800

T4S T5S R4W

CBA FILE NO. 41389-01-30

GILA RIVER MAP REVISION REQUEST
GILLESPIE DAM TO GILA BEND INDIAN RESERVATION
MARICOPA COUNTY, ARIZONA

WORK MAP

Stream: GILA RIVER
Scale: 1" = 400 FEET
Sheet 13 of 18
Contour Interval: 2 FEET
Mapping By: McLAIN HARBERS CO., INC.
Date of Flight: 6/22/89

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CBA CELLA BARR ASSOCIATES
5062 North 19th Ave.
Phoenix, Arizona 85015
(602) 242-2999

MATCH SHEET 13

MATCH SHEET 15

MATCH SHEET 12

MATCH SHEET 16

GILA RIVER

ZONE AE

Q100=231,000 CFS

FURNES ROAD

PIERPOINT ROAD

738,999.09
457,157.00
(STATE PLANE)

NOTE:
100 Year Floodplain Limits Based On Ponding Elevation Of 661.0 From Downstream Painted Rock Dam Between Sections 146.65 and 150.34.

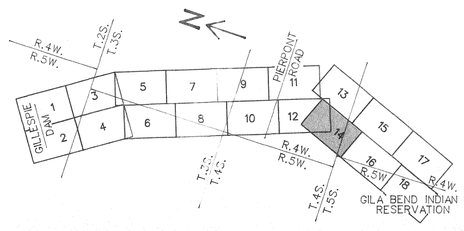
ERM 24 — 3.25" aluminum brass cap stamped MCFCD bench mark Cella Barr Associates RLS 19324 1989 2.3 miles west of Old U.S. Highway 80 and 1 mile south of Fornes Road on west side of a north-south dirt road 3' east of a barbed wire fence near North line of Section 6, Township 5 South, Range 4 West.
Elevation = 668.89

ERM 25 — BLM brass cap stamped 1/16 corner of section 30 1978, Township 4 South, Range 4 West, 2.3 miles west of Old U.S. Highway 80 on Fornes Road 1.3' below ground. Reference monument 93' northwest of cap.
Elevation = 668.08

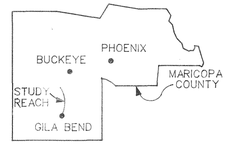
LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- CHANNEL CENTERLINE WITH RIVER MILE — M 150.0
- CROSS SECTION — A — FP=100 YR. WSE / FW=FLOODWAY WSE — A
- RIVER MILE IDENTIFIER FOR CROSS SECTIONS — 148.82
- ELEVATION REFERENCE MARKS — ERM 7
- BASE FLOOD ELEVATIONS — 690
- ZONE DESIGNATIONS — ZONE AE
- 35|36 / 2|1 — SECTION CORNER
- + — QUARTER CORNER

INDEX MAP



LOCATION MAP



SCALE: 1" = 400'
400 200 0 400 800

T4S T5S R4W

CBA FILE NO. 41389-01-30

CURRENT MAP ISSUE DATE: 11/12/90

McLAIN HARBERS CO., INC.
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1665 E. 18th St., Suite 102
Tucson, Arizona 85719

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GILA RIVER MAP REVISION REQUEST
GILLESPIE DAM TO GILA BEND INDIAN RESERVATION
MARICOPA COUNTY, ARIZONA

WORK MAP

Stream: GILA RIVER
Scale: 1" = 400 FEET
Sheet 14 of 18
Contour Interval: 2 FEET
Mapping By: McLAIN HARBERS CO., INC.
Date of Flight: 6/22/89

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CBA CELLA BARR ASSOCIATES
5062 North 19th Ave.
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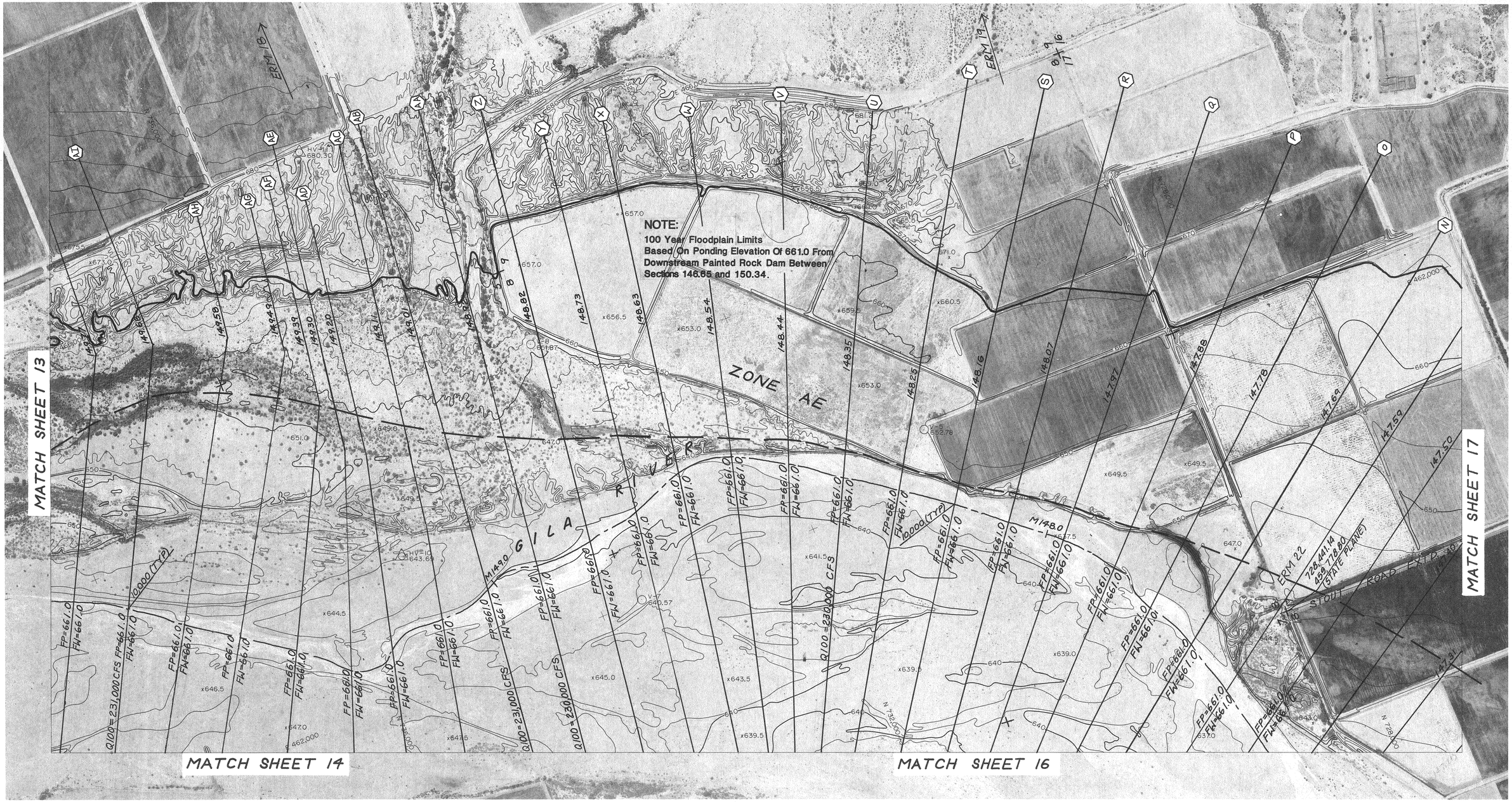


ERM 18 USC & GS brass cap stamped B-361 1967 near the northeast corner of the Gila Bend landfill on west side of Old U.S. Highway 80 in Section 4, Township 5 South, Range 4 West.
Elevation = 733.75

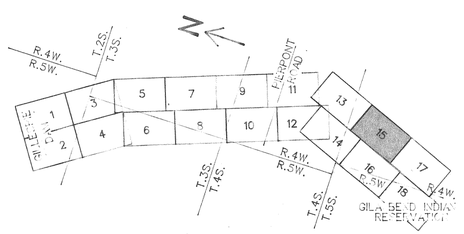
ERM 19 USC & GS brass cap stamped X-13 1927, 734.10 at southwest corner of the intersection of Old U.S. Highway 80 and Dirt Road entrance to Loma Linda Ranch. 14' south of Loma Linda Ranch sign in Section 16, Township 5 South, Range 4 West.
Elevation = 733.91

ERM 22 GLO brass cap at Section corner 7, 8, 17, 18, Township 5 South, Range 4 West. Located at the north end of Stout Road at the Gila River 10' +/- northwest of the southeast corner of a barbed wire fence.
Elevation = 646.94

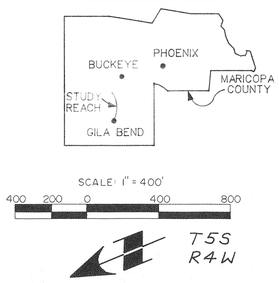
LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- CHANNEL CENTERLINE WITH RIVER MILE — M 150.0
- CROSS SECTION — FP=100 YR. WSE / FW=FLOODWAY WSE
- RIVER MILE IDENTIFIER FOR CROSS SECTIONS — 145.82
- ELEVATION REFERENCE MARKS — ERM 7
- BASE FLOOD ELEVATIONS — 636
- ZONE DESIGNATIONS — ZONE AE
- SECTION CORNER
- QUARTER CORNER

INDEX MAP



LOCATION MAP



CURRENT MAP ISSUE DATE: 11/12/90

CBA FILE NO. 41389-01-30

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Tucson, Arizona 85719

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GILA RIVER MAP REVISION REQUEST
GILLESPIE DAM TO GILA BEND INDIAN RESERVATION
MARICOPA COUNTY, ARIZONA

WORK MAP

Stream: GILA RIVER
Scale: 1"=400 FEET
Sheet 15 of 18
Contour Interval: 2 FEET
Mapping By: McLAIN HARBERS CO., INC.
Date of Flight: 6/22/89

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CBA CELLA BARR ASSOCIATES
5062 North 19th Ave.
Phoenix, Arizona 85015
(602 242-2999

MATCH SHEET 15

MATCH SHEET 17

MATCH SHEET 14

MATCH SHEET 18

ZONE AE

GILA RIVER

NOTE:
100 Year Floodplain Limits
Based On Ponding Elevation Of 661.0 From
Downstream Painted Rock Dam Between
Sections 146.65 and 150.34.

GILA BEND INDIAN RESERVATION BOUNDARY (LIMITS OF DETAILED STUDY)
SANDS TANK WASH

LIMIT OF CURRENTLY ADOPTED 100-YEAR FLOODPLAIN, PER FLOOD INSURANCE RATE MAPS FOR MARICOPA COUNTY, ARIZONA & INCORPORATED AREAS, PANEL NOS. 3250 & 3480 EFFECTIVE DATE: APRIL 15, 1988

ERM 23 GLO brass cap at section corner 5, 6, 7, 8, Township 5 South, Range 4 West 2 miles west of Old U.S. Highway 80 and 2 miles south of Fornes Road 0.5' north of a 4' metal tee post.
Elevation = 650.91

McLAIN HARBERS CO., INC.
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1665 E. 18th St., Suite 102
Tucson, Arizona 85719
56-P

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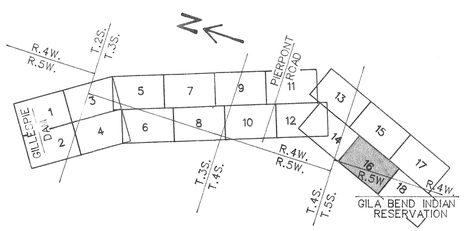
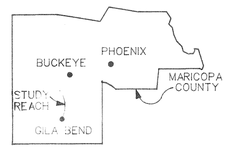
LEGEND

- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- CHANNEL CENTERLINE WITH RIVER MILE — M 150.0
- CROSS SECTION — A — FP=100 YR. WSE / FW=FLOODWAY WSE — A
- RIVER MILE IDENTIFIER FOR CROSS SECTIONS — 148.82 — A
- ELEVATION REFERENCE MARKS — ERM 7
- BASE FLOOD ELEVATIONS — 690
- ZONE DESIGNATIONS — ZONE AE
- 35|36 / 2|1 — SECTION CORNER
- QUARTER CORNER

INDEX MAP



LOCATION MAP



SCALE: 1" = 400'
400 200 0 400 800

T5S
R4W

CBA FILE NO. 41389-01-30

CURRENT MAP ISSUE DATE: 11/12/90

GILA RIVER MAP REVISION REQUEST
GILLESPIE DAM TO GILA BEND INDIAN RESERVATION
MARICOPA COUNTY, ARIZONA

WORK MAP

Stream: GILA RIVER
Sheet 16 of 18
Mapping By: McLAIN HARBERS CO., INC.
Scale: 1" = 400 FEET
Contour Interval: 2 FEET
Date of Flight: 6/22/89

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CBA CELLA BARR ASSOCIATES
5062 North 19th Ave.
Phoenix, Arizona 85015
(602) 242-2999

MATCH SHEET 15

STOUT ROAD

WATERMELON ROAD

307TH AVENUE

PERRYVALE ROAD

SOUTH JUAN ROAD

ERM 21

723,168.20
459,712.75
(STATE PLANE)

147.40 K

147.31

147.21

147.12

147.02 G

146.93

146.83

ZONE AE

NOTE
100 Year Floodplain Limits Based On Ponding Elevation Of 661.0 From Downstream Painted Rock Dam Between Section 146.85 and 150.34.

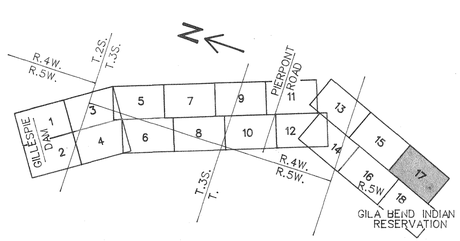
MATCH SHEET 16

MATCH SHEET 18

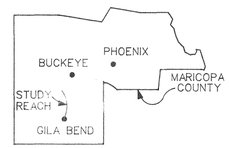
LEGEND

100-YR FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	
CHANNEL CENTERLINE WITH RIVER MILE	M 150.0
CROSS SECTION	FP-100 YR. WSE / FW-FLOODWAY WSE
RIVER MILE IDENTIFIER FOR CROSS SECTIONS	148.82
ELEVATION REFERENCE MARKS	ERM 7
BASE FLOOD ELEVATIONS	690
ZONE DESIGNATIONS	ZONE AE
35 | 36 / 2 | 1	SECTION CORNER
+	QUARTER CORNER

INDEX MAP



LOCATION MAP



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400 200 0 400 800

T5S R4W

ERM 21 — 3.25" aluminum cap stamped MCFCD bench mark Cella Barr Associates RLS 19324 1989 located at the northwest corner of a "T" intersection of Stout Road and a Dirt Road to the west. 1 mile north of Watermelon Road near Section corner 17, 18, 19, 20, Township 5 South, Range 4 West, 2.5' south of a 4 strand barbed wire fence. Elevation = 676.14

McLAIN HARBERS CO., INC.
AERIAL MAPPING & SURVEYING
1665 E. 18th St., Suite 102
Tucson, Arizona 85719
56-P

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS.
1" = 400' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS.
IT IS BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY: CBA

CURRENT MAP ISSUE DATE: 11/12/90

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GILLESPIE DAM TO GILA BEND INDIAN RESERVATION
MARICOPA COUNTY, ARIZONA

WORK MAP

Stream: GILA RIVER
Scale: 1" = 400 FEET
Sheet 17 of 18
Contour Interval: 2 FEET
Mapping By: McLAIN HARBERS CO., INC.
Date of Flight: 6/22/89

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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MATCH SHEET 17

MATCH SHEET 16

LIMIT OF CURRENTLY ADOPTED 100-YEAR FLOODPLAIN PER FLOOD INS. RATE MAPS FOR MARICOPA COUNTY, ARIZONA & INCORPORATED AREAS, PANEL NOS. 3250 & 3480 EFFECTIVE DATE: APRIL 15, 1988

723,143.40
454,434.15
(STATE PLANE)

ZONE AE

GILA BEND INDIAN RESERVATION BOUNDARY

SANDS TANK WASH

146.74

146.64

146.55

R4W

R5W

T5S

HV 5734.9

E 454,000

563.0

550

565

580

595

610

625

640

655

670

685

700

715

730

745

760

775

790

805

820

835

850

865

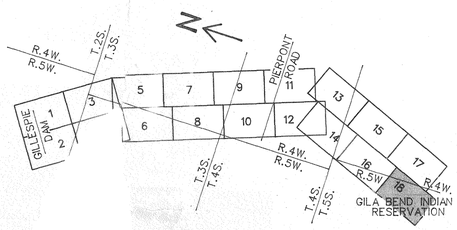
880

WATERMELON ROAD

LEGEND

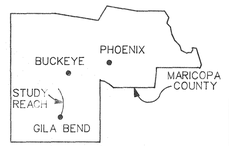
- 100-YR FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- CHANNEL CENTERLINE WITH RIVER MILE — M 150.0
- CROSS SECTION — A FP=100 YR. WSE / FW=FLOODWAY WSE A
- RIVER MILE IDENTIFIER FOR CROSS SECTIONS — 148.82
- ELEVATION REFERENCE MARKS — ERM 7
- BASE FLOOD ELEVATIONS — 690
- ZONE DESIGNATIONS — ZONE AE
- 35|36 / 2|1 — SECTION CORNER
- \+ — QUARTER CORNER

INDEX MAP



MAP ISSUE DATE: 11/12/90

LOCATION MAP



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400 200 0 400 800

T5S R4W

CBA FILE NO. 41389-01-30

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Stream: GILA RIVER

Sheet 18 of 18

Mapping By: McLAIN HARBERS CO., INC.

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