1% CHANCE FLOOD DISCHARGE
CONTAINED IN CHANNEL FROM AIRPORT WASH'S CONFLUENCE WITH SANTA CRUZ RIVER TO CROSS-SECTION 0.437

BR01: BRIDGE
ROADWAY IS NOT OVERTOPPING

BR02: BRIDGE
ROADWAY IS NOT OVERTOPPING

BR03: BRIDGE
ROADWAY IS NOT OVERTOPPING

BR04: BRIDGE
ROADWAY IS NOT OVERTOPPING

BR05: BRIDGE
ROADWAY IS NOT OVERTOPPING

CV01: 5-12'X10' CBC
$Q_{CUL-100}$=4267 CFS
$Q_{CUL-500}$=6160 CFS
ROADWAY IS NOT OVERTOPPING

CV02: 6-12'X10' RCBC
$Q_{CUL-100}$=3953 CFS
$Q_{CUL-500}$=6160 CFS
ROADWAY IS NOT OVERTOPPING

CV03: 6-12'X7.5' RCBC
$Q_{CUL-100}$=3953 CFS
ROADWAY IS NOT OVERTOPPING @ 100YR
$Q_{CUL-500}$=6026 CFS
$Q_{WEIR-500}$=134 CFS

CV04: 6-12'X7' RCBC
$Q_{CUL-100}$=3953 CFS
ROADWAY IS NOT OVERTOPPING @ 100YR
$Q_{CUL-500}$=5703 CFS
$Q_{WEIR-500}$=457 CFS

CV53: 2-10'X5' RCBC
$Q_{CUL-100}$=660 CFS
$Q_{CUL-500}$=949 CFS
ROADWAY IS NOT OVERTOPPING

CP-AW436
Q100 - 660 CFS
Q500 - 949 CFS

CP-AW438
Q100 - 4267 CFS
Q500 - 6160 CFS

CP-AW428
Q100=3953 CFS
Q500-6061

RIVER-MC
REACH 1
(CROSS-SECTIONS 0.001-0.291)

RIVER-MC
REACH 2
(CROSS-SECTIONS 0.322-3.633)

RIVER-Trib_I19
REACH 1
(CROSS-SECTIONS 30.000--30.195)

Q100 -119 CFS
Q500 -515 CFS

BREAKOUT FLOW
$Q_{WEIR,100}$ - 119 CFS
$Q_{WEIR,500}$ - 515 CFS

Q100 -3834 CFS
Q500 -5645 CFS
(RUNOFF FROM CP-AW428 MINUS BREAKOUT FLOW NEAR CROSS-SECTION 0.487)

1% CHANCE FLOOD DISCHARGE
CONTAINED IN CHANNEL FROM CROSS-SECTION 0.543 TO CROSS-SECTION 2.203

15S13E03 15S13E02 15S13E01 15S13E10 15S13E11 15S13E12

SANTA CRUZ RIVER

DREXEL RD NEBRASKA ST DAKOTA ST OREGON ST 15TH AVE CALLE RAMONA CALLE ALVORD

I-19

MATCH TO SHEET 2

PIMA COUNTY
FLOOD CONTROL

LEGEND

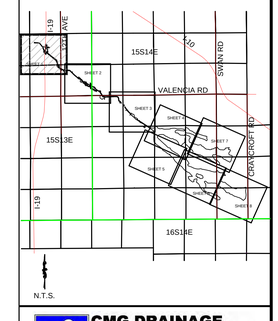
- FEMA EFFECTIVE FLOODPLAIN LIMITS
- FEMA EFFECTIVE FLOODWAY
- FEMA EFFECTIVE 500-YEAR FLOODPLAIN
- SECTION LINE
- 15S13E28 — SECTION ID
- 11.072 — 2449.00/2551.12 — HEC-RAS CROSS-SECTION 100-YR WSE/500-YR WSE (NAVD88)
- STREAMLINE
- FLOW ARROW
- 1.0% ANNUAL CHANCE FLOOD HAZARD
- 0.2% ANNUAL CHANCE FLOOD HAZARD
- FLOODWAY

NOTES

1. HORIZONTAL PROJECTION IS ARIZONA CENTRAL STATE PLANE, NORTH AMERICAN DATUM OF 1983-92(HARN)
2. WATER SURFACE ELEVATIONS ARE PROVIDED ON NAVD88 VERTICAL DATUM.
3. DIGITAL FIRM MAPPING REFERENCE: PANELS 0419C2286L, 0419C2288L, 04019C2289L, 04019C2880L, 04019C2900L
4. DATA SOURCE:
   AERIAL PHOTOGRAPHY: PIMA ASSOCIATION OF GOVERNMENTS (PAG) 2008.
   TOPOGRAPHY: (PAG) 2008 LIDAR DATA.
   2-FOOT INTERVAL CONTOURS SHOWN ON THIS WORK MAP WERE GENERATED FROM PAG'S 2008 LIDAR DATA.

SEAL:

JIANKANG WANG — 43851 — CERTIFICATE EXPIRES 03/31/2018 — REGISTERED PROFESSIONAL ENGINEER — ARIZONA U.S.A.

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

SHEET INDEX MAP