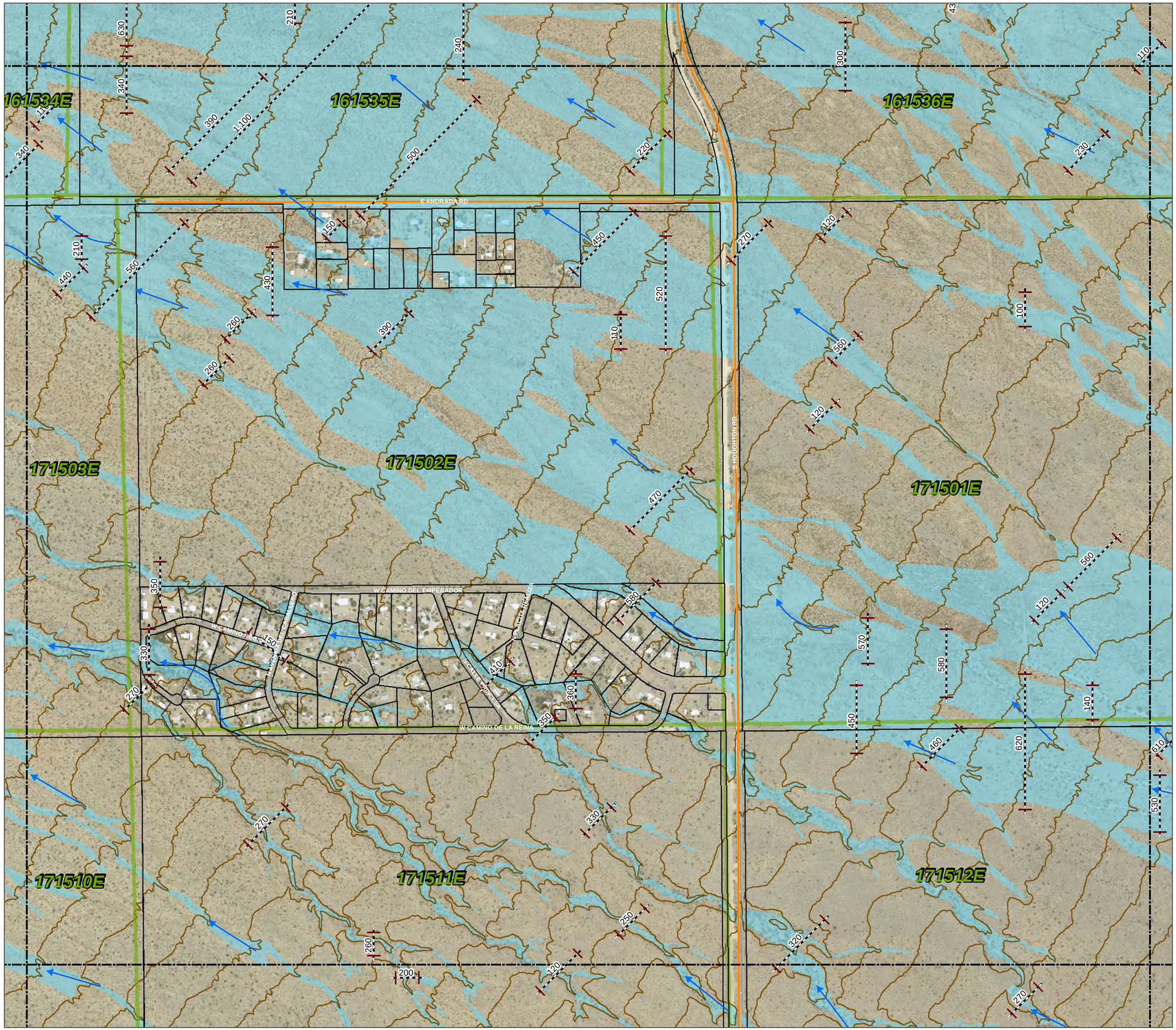


Lee Moore Wash Basin Management Study

Exhibit 1 - Lee Moore Wash Basin Management Study 100-yr Floodplain Maps

The floodplains presented on this exhibit reflect the outcome of HEC-RAS and/or FLO-2D hydraulic modeling based on 100-year peak flows developed for either the 3-hour or 24-hour storm event. Maps do not necessarily show flooding resulting from localized, higher intensity storms.

N

0 400 800 1,600
Feet

1 inch = 400 feet

Plan Set Legend (Sheets 01 to 69)

- Unmodeled Breakout Potential
- Flow arrow
- Sheet line
- Streets (major)
- 10-ft Contours (NAVD 88)
- FLO-2D Flow Recording Cross Sections (discharge in cfs)
- CLS Designation Boundary
- Q=123cfs 24HR — Concentration Point (HEC-HMS model)
- 100-yr FLO-2D Flood Limits (Qp>100cfs)
- 100-yr HEC-RAS Flood Limits (Qp> +/-1000cfs)
- Section Line
- Parcels (approximate)

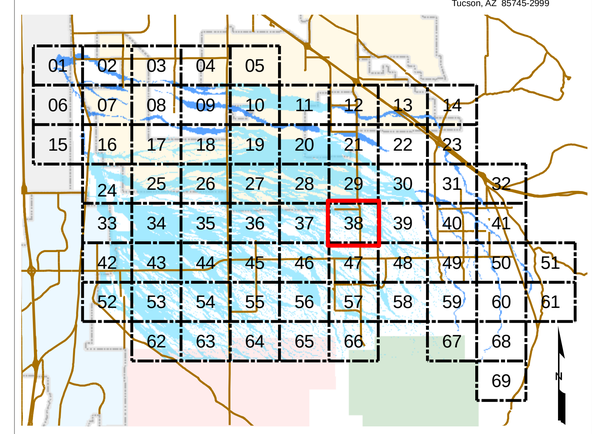
Aerial images for sheets 01-63: Aerials Express spring 2007 - 1 foot resolution
Aerial images for sheets 64-69: i-cubed Nationwide Prime 1m or better resolution imagery for the contiguous United States (2005).

Topographic contours developed from 2005 PAG LIDAR data.

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC

Stantec

Stantec Consulting, Inc
201 North Bonita Avenue Ste. 101
Tucson, AZ 85745-2999



Legend

- Major Streets
- 100-yr FLO-2D Flood Limits (Qp>100cfs)
- 100-yr HEC-RAS Flood Limits (Qp>1000cfs)
- City of Tucson
- Tohono O'Odham Nation San Xavier District
- Town of Sahuarita
- Coronado National Forest
- Santa Rita Experimental Range and Wildlife Area

0 2 4 8
Miles

Sheet 38 of 69