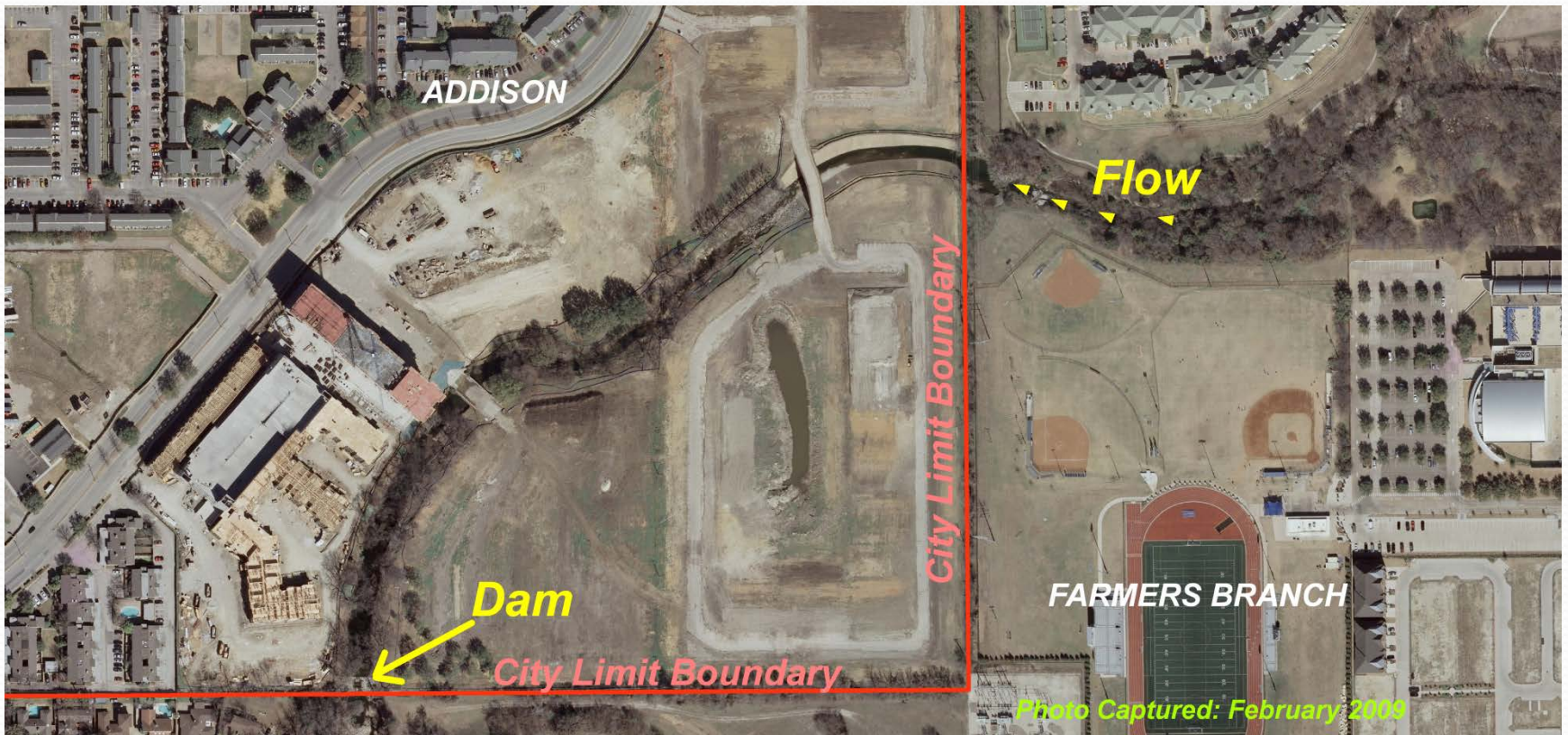


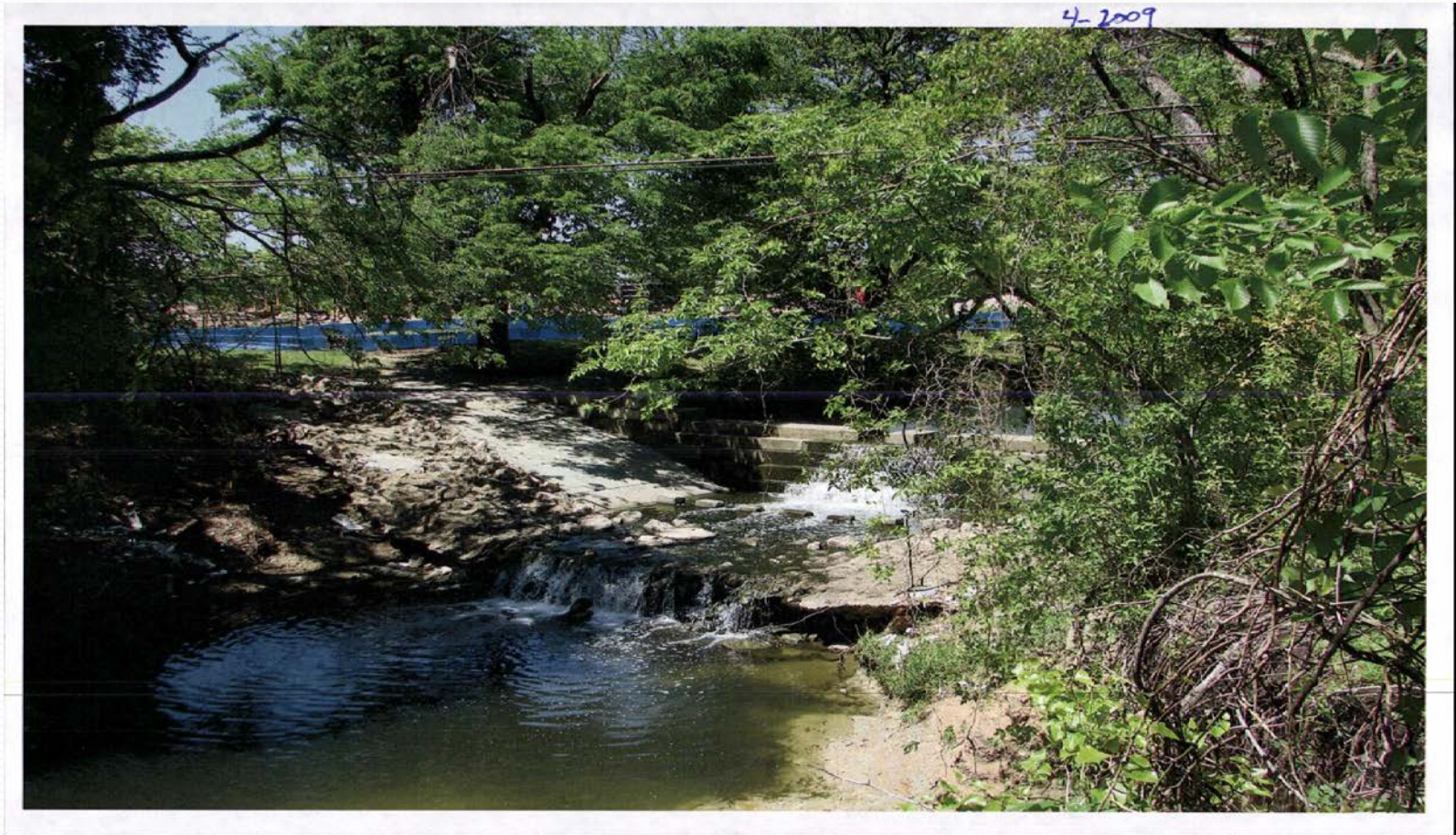
Vitruvian Park & Water Concerns

City Council Study Session
October 16, 2012

Vitruvian Park February 2009



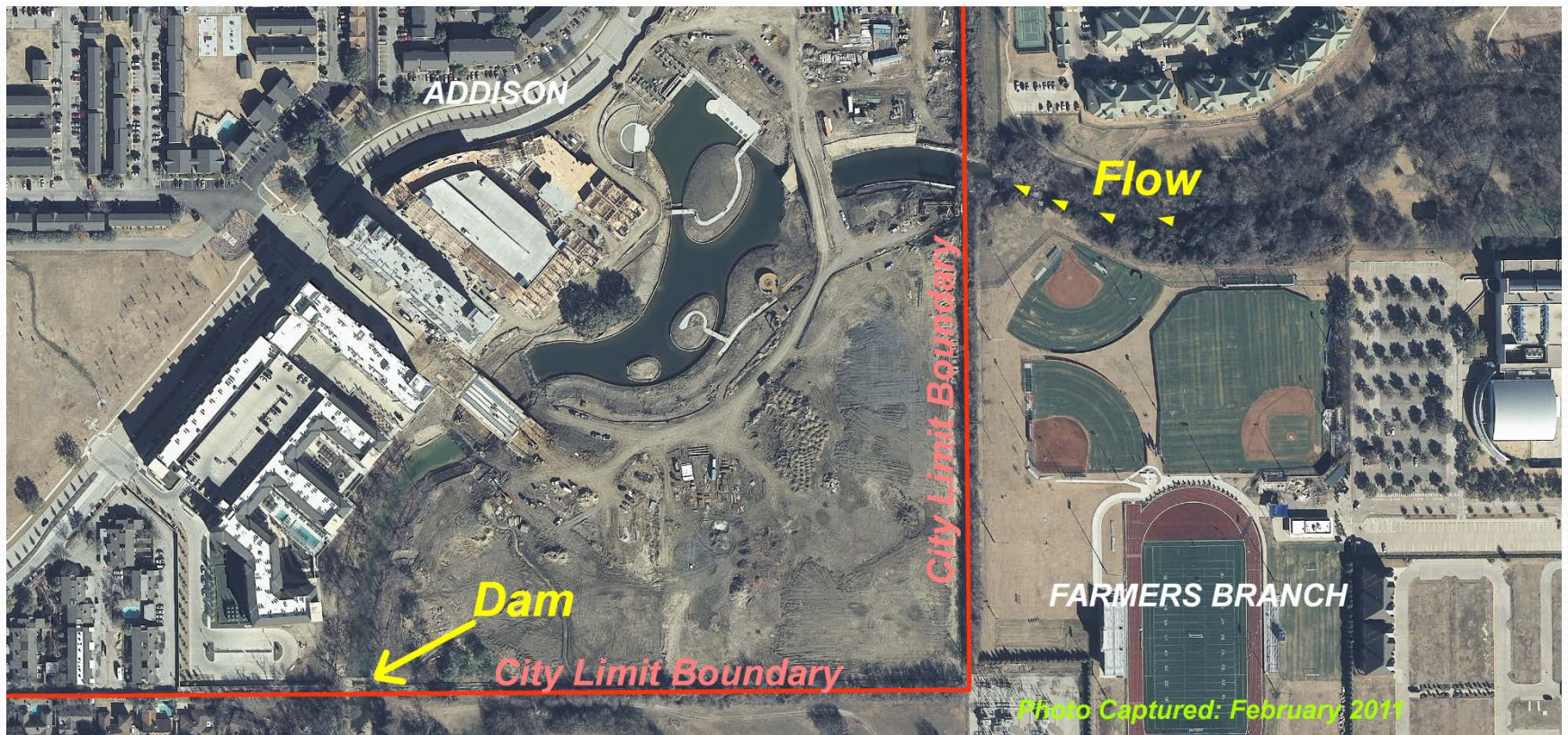
April 2009





Vitruvian February 2011

Construction In FB Creek



March 24, 2011 Construction



March 24, 2011 Construction



March 24, 2011 Construction



March 29, 2011 Construction



March 29, 2011 Construction



April 1, 2011 Construction



April 1, 2011 Construction



April 13, 2011 Upstream



April 18, 2011 Construction





FAST FORWARD TO 2012

- Slope Stabilization Project Begins May 2012
- Phase II of construction in the creek

July 3, 2012 Phase II Construction



July 3, 2012



July 3, 2012 Phase II Construction



July 3, 2012 Phase II Construction



July 3, 2012 Phase II Construction



July 25, 2012 Phase II Construction



Water Well



August 6, 2012 Upstream





August 6, 2012 Post Construction

Water Well Issues

- Installed October 16, 2011
- Operational March 16, 2012
- Utilized beginning June 29, 2012
- As of July 26, 2012- only 12% (222,000) of the 1,896,480 annual gallons pumped to FB
- Well inoperable July 27-30, 2012
- Indications were to TCEQ/FB that water well would be drilled into Trinity Aquifer & 185 GPM capability
- Water well drilled only to Woodbine Aquifer & 16 GPM max

August 6, 2012



September 25, 2012



September 25, 2012



September 28, 2012



Timeline

- October 2009- Addison applies to amend permit
- Fall 2010- Creek construction begins
- March 2011- Citizen complaints
- March 16, 2011- Public notice to amend permit
- April 11, 2011- FB letter requesting public hearing

Timeline Continued;

- April 13, 2011- Inflow estimated (208,000) gpd
- April 20, 2011- Meeting with Addison
- April 28, 2011- TCEQ denies request for hearing
- May 9, 2011- FB letter withdrawing hearing request
- May 17, 2011- TCEQ acknowledges FB letter
- May 20, 2011- TCEQ approves permit amendment

Timeline Continued;

- May 2012- Addison begins dam project
- May 29, 2012- TCEQ receives citizen complaint
- Late June 2012- FB receives complaints
- August 1, 2012- Project complete (out of creek)
- August 27, 2012- Addison & FB Staff Meeting
- September 25, 2012- Onsite Meeting with Addison

City Manager Request to Addison Submitted October 5, 2012

1. Install a larger pump (5HP) capable of meeting the 185 gallon per minute in the application;
2. Discharge a minimum of 8 million gallons of water downstream per calendar year;
3. Discharge 66% of the water during June, July, August, September (about 66,000 gallons per day or about 3 times what their current pump can pump/discharge daily). Allocate the other 33% based on field observations and water requests from the City of Farmers Branch;
4. Water well shall operate 24/7 during the months of June through September;

City Manager Request to Addison Continued;

5. In the future, if Addison will be doing construction or maintenance in the creek, they will notify the City of Farmers Branch and invite the City to the preconstruction meetings;
6. During construction activities, Addison will take daily upstream and downstream flow measurements and discharge flows downstream continuously that will meet or exceed the daily amount of incoming (upstream flow) plus daily evaporation losses. Addison agrees to document and share documentation with the City of Farmers Branch upon request; and
7. After the calendar year, we meet with Addison to see if we need to adjust agreement.



Questions?