



# Tower Road Widening Project – Storm Water Drainage Improvements

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February 27, 2017 – Study Session

# Discussion Objective

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Should the City cover additional costs (total T-88 estimated to be \$8 million) for the regional drainage system along Tower Road until such time as the adjacent developers re-pay the additional costs?

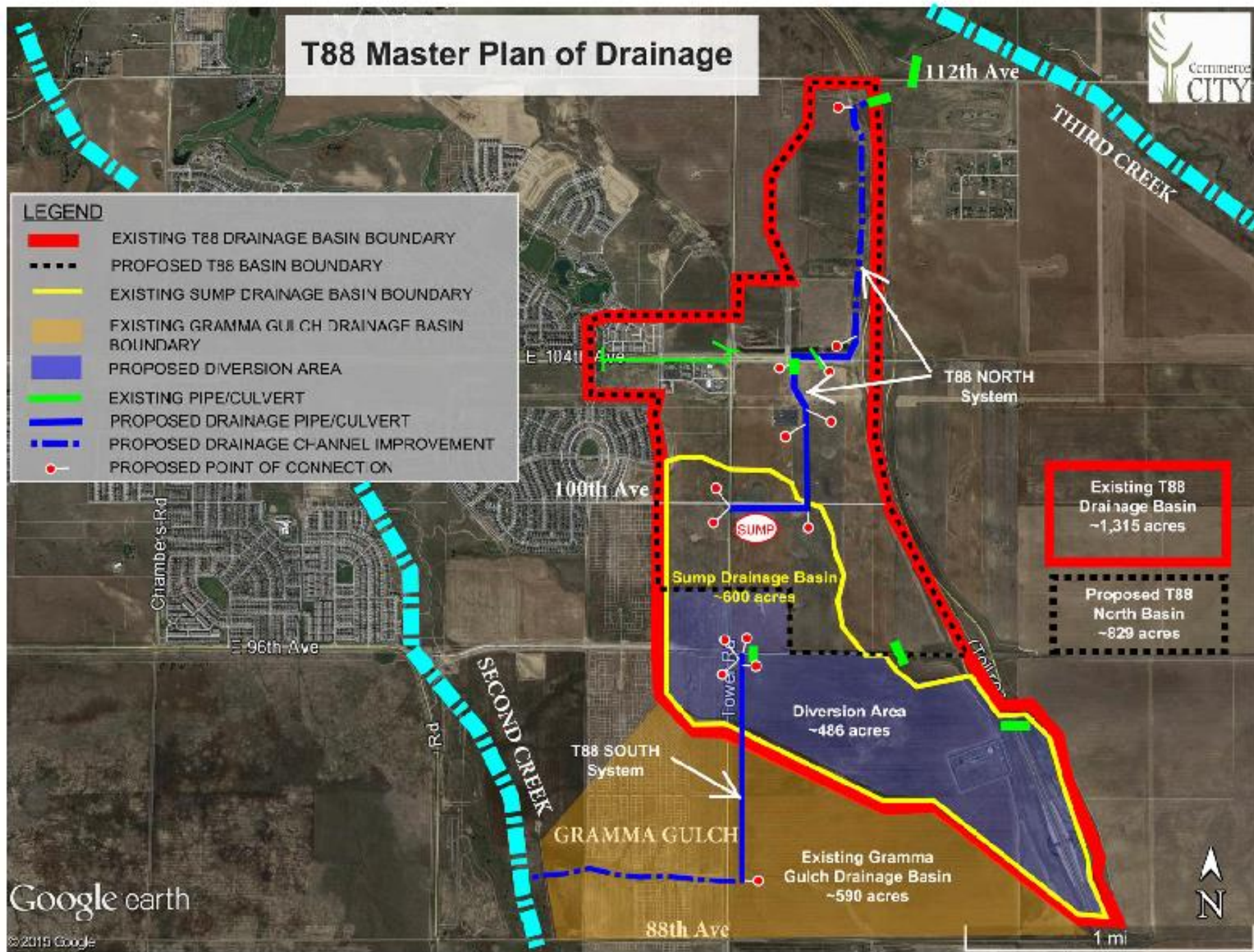


# T88 Master Plan of Drainage



## LEGEND

- EXISTING T88 DRAINAGE BASIN BOUNDARY
- PROPOSED T88 BASIN BOUNDARY
- EXISTING SUMP DRAINAGE BASIN BOUNDARY
- EXISTING GRAMMA GULCH DRAINAGE BASIN BOUNDARY
- PROPOSED DIVERSION AREA
- EXISTING PIPE/CULVERT
- PROPOSED DRAINAGE PIPE/CULVERT
- PROPOSED DRAINAGE CHANNEL IMPROVEMENT
- PROPOSED POINT OF CONNECTION



# Background

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- Regional drainage, water & sewer identified as potential additions to the Tower Road Project, using 2K funds, during ECAGID/ERAGID meetings in late-2014 with goal to further advance development opportunities while building on economies of scale from Tower Road project and minimizing future traffic impacts & potentially higher costs to install these at a later date
- 1/23/16 Discussed regional drainage funding at Council retreat
- 4/18/16 Award of contract to Flatiron included \$3.022M for T-88 North system as a “deleteable” bid item; i.e. it was not included in base bid
- 10/18/16 City missed “window” to include deleteable bid in the contract due to on-going discussions with developers
- Nov. 2016 thru Jan. 2017 On-going discussions with developers
- 2/2/17 Developers would prefer to go out for bids
- 2/7/17 Received revised cost proposal from Flatiron of \$7.77M for entire system



# Cost Increase

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Original Budget Estimate:	\$6,900,000
<u>Cost Proposal (including design):</u>	<u>\$8,000,000</u>
Net Increase:	\$1,100,000

(Working on some re-design which may reduce costs)





## Balance

Current Est. Cost of Regional Drainage: \$8,000,000

Previous Improvements by Shea: \$1,480,000

Sub-Total \$9,480,000

Less City Contribution\*: \$5,400,000

\*currently included in Tower Rd Widening project budget

Balance to be Re-Paid by Developers: \$4,080,000

(upon initial grading permits)





# Discussion

