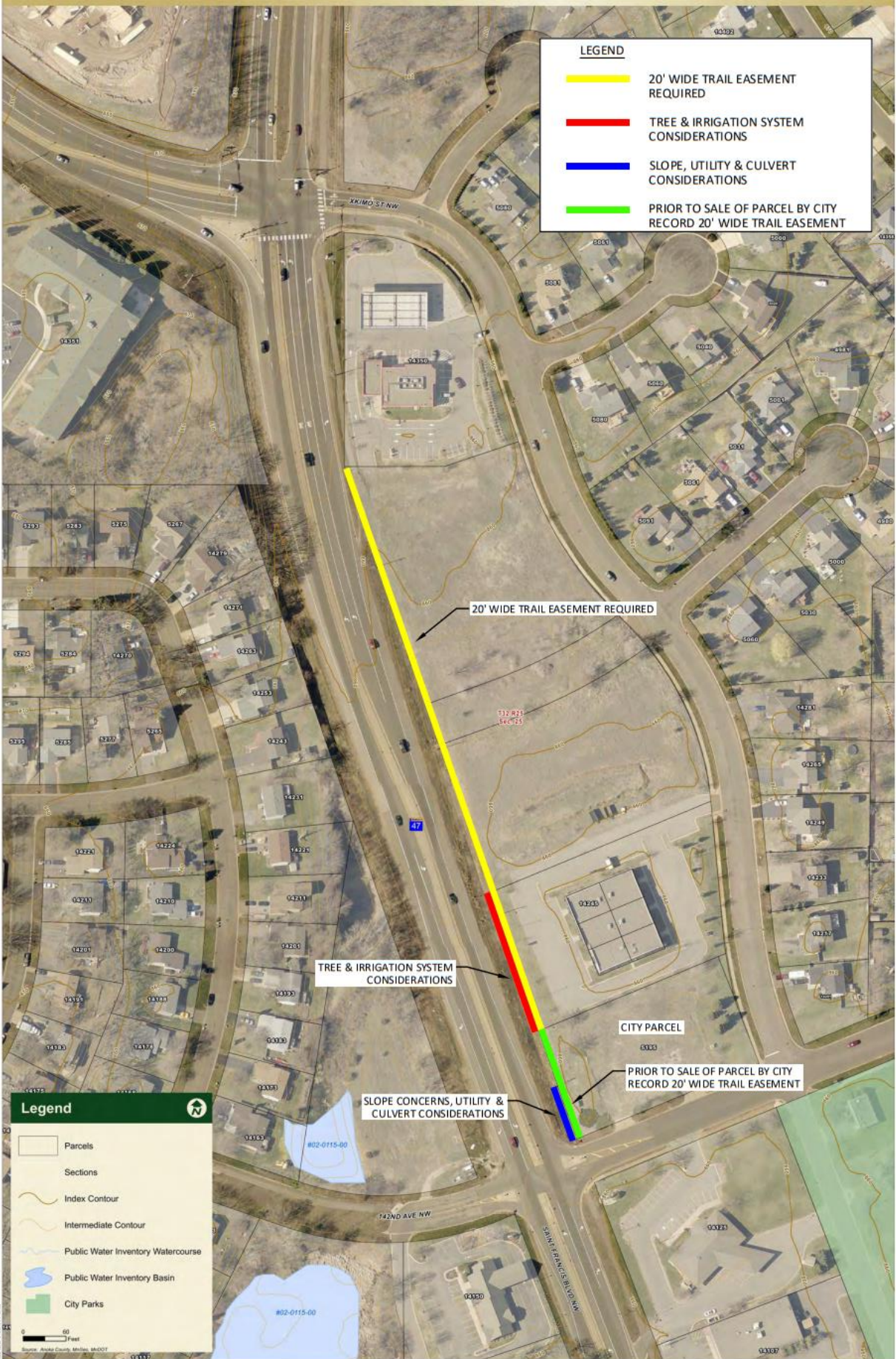


**LEGEND**

- 20' WIDE TRAIL EASEMENT REQUIRED
- TREE & IRRIGATION SYSTEM CONSIDERATIONS
- SLOPE, UTILITY & CULVERT CONSIDERATIONS
- PRIOR TO SALE OF PARCEL BY CITY RECORD 20' WIDE TRAIL EASEMENT



**Legend**

- Parcels
- Sections
- Index Contour
- Intermediate Contour
- Public Water Inventory Watercourse
- Public Water Inventory Basin
- City Parks

0 60 Feet

Source: Assaiz County, Minn. M&DT

# St. Francis Boulevard Trail

## ALL OFF-ROAD TRAIL

	Length/Area	Unit Price	Cost	
Base Trail	1000	\$45.00	\$45,000.00	
Special Slope Areas	100	\$100.00	\$10,000.00	South end. Includes utility and culvert conflicts.
Irrigation and Tree Conflicts	200	\$50.00	\$10,000.00	Allowance for tree relocations and irrigation repairs.
Subtotal			\$65,000.00	
Mobilization		8.00%	\$5,200.00	
Traffic Control		3.00%	\$1,950.00	
<b>Total Construction Estimate</b>			<b>\$72,150.00</b>	
Length			1,000	
Cost per LF Check			\$72.15	
<b>Administrative (Low)</b>			<b>\$10,822.50</b>	15 Percent for a locally funded trail
<b>Administrative (High)</b>			<b>\$18,037.50</b>	25 Percent for a federally funded trail

City of Ramsey parcel at south end. Record easement on this property prior to sale.  
 Need trail easements over all parcels north of City property. 830 feet of length x 20 feet wide.

Base Trail Cost: \$45/LF. Includes grading, CL5, bituminous, restoration, seeding.  
 Retaining walls: Assume \$25/SF above ground (exposed surface).  
 Tree clearing and trimming: \$1000/acre.  
 Boardwalk or Bridge: \$200/LF  
 Culvert Extensions: \$100/LF  
 On Road: \$15/LF for striping and signage and crosswalk.  
 Curb and Gutter: \$100/LF. Includes bituminous patching in front of curb and drainage pipe and structures  
 Wetland Replacement: \$50,000/Acre  
 Mobilization: 8%  
 Traffic control: 3%

(2018 pricing)