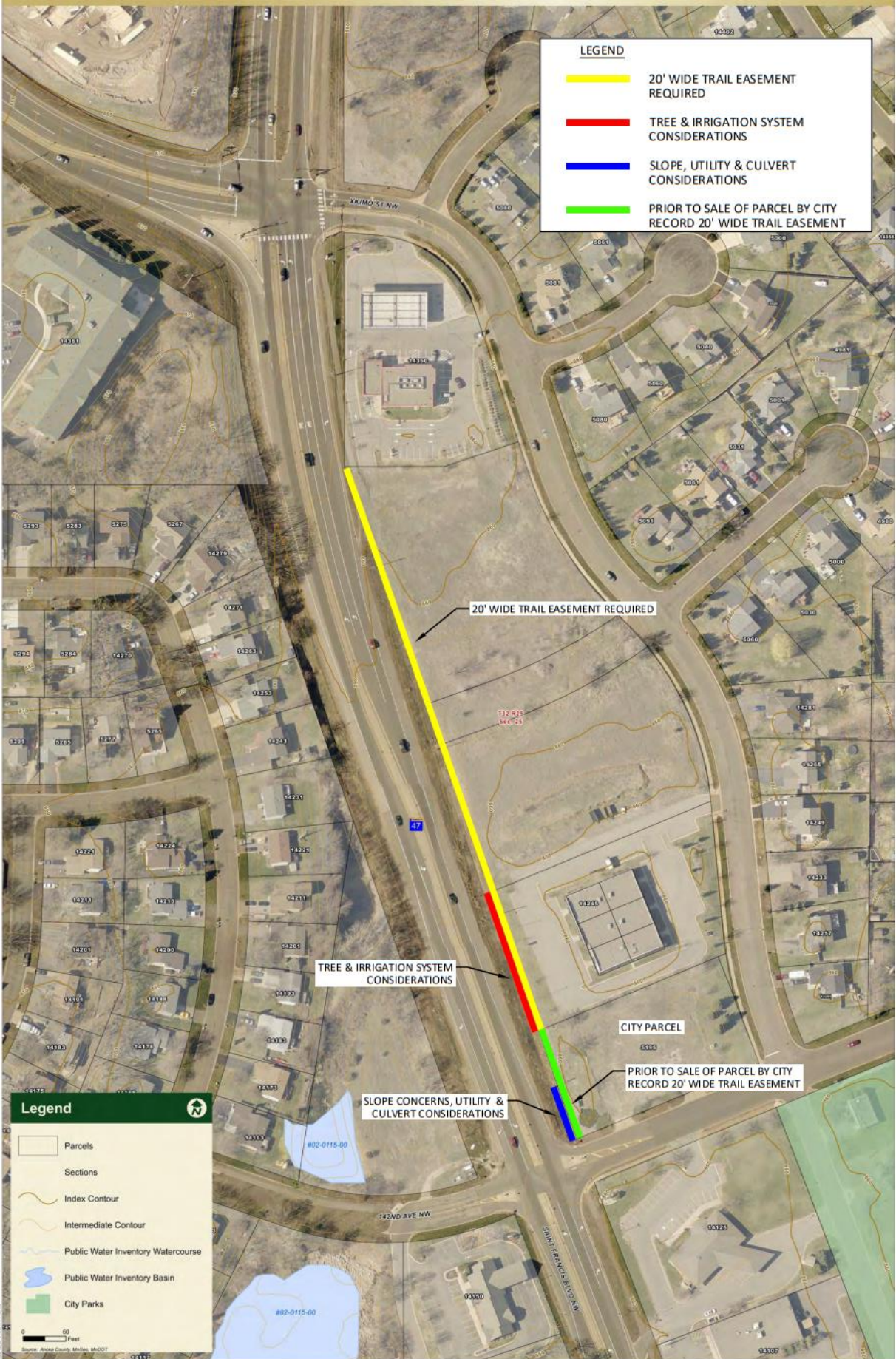


LEGEND

- 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



20' WIDE TRAIL EASEMENT REQUIRED

TREE & IRRIGATION SYSTEM CONSIDERATIONS

SLOPE CONCERNS, UTILITY & CULVERT CONSIDERATIONS

CITY PARCEL

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 | \$56.00 | \$56,000.00 |
| Special Slope Areas | 100 | \$120.00 | \$12,000.00 South end, includes utility and culvert conflicts. |
| Irrigation and Tree Conflicts | 200 | \$60.00 | \$12,000.00 Allowance for tree relocation and irrigation repairs. |
| Subtotal | | | \$80,000.00 |
| Mobilization | | 8.0% | \$6,400.00 |
| Traffic Control | | 3.0% | \$2,400.00 |
| Total Construction Estimate | | | \$88,800.00 |
| Length | | | 1,000 |
| Cost per LF Check | | | \$88.80 |
| Administrative (Low) | | | \$13,320.00 15-percent for a locally funded trail |
| Administrative (High) | | | \$22,200.00 25-percent for a federally funded trail |
| Estimated Total Project Cost Range | | | \$102,120 to \$111,000 |

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%