

**CITY OF ST. CHARLES  
BASIC TREE RISK ASSESSMENT FORM**



DATE \_\_\_\_\_  
 ADDRESS/TREE LOCATION \_\_\_\_\_ / TREE SPECIES \_\_\_\_\_  
 DBH \_\_\_\_\_ HEIGHT \_\_\_\_\_ / ASSESSOR(S) \_\_\_\_\_

**SITE FACTORS**

**HISTORY OF FAILURES**

**SITE CHANGES** NONE  GRADE CHANGE  SITE CLEARING  CHANGED SOIL HYDROLOGY  ROOT CUTS  DESCRIBE \_\_\_\_\_  
**SOIL CONDITIONS** LIMITED VOLUME  SATURATED  SHALLOW  COMPACTED  PAVEMENT OVER ROOTS  \_\_\_\_\_% DESCRIBE \_\_\_\_\_

**TREE HEALTH AND SPECIES PROFILE**

**VIGOR** LOW  NORMAL  HIGH  **FOLIAGE** NONE(SEASONAL)  NONE(DEAD)  NORMAL \_\_\_\_\_% CHLOROTIC \_\_\_\_\_% NECROTIC \_\_\_\_\_% PESTS \_\_\_\_\_  
 ABIOTIC \_\_\_\_\_ **DISEASED** \_\_\_\_\_

**TREE DEFECTS AND CONDITIONS AFFECTING THE LIKELIHOOD OF FAILURE**

**CROWN AND BRANCHES**

UNBALANCED CROWN  LCR \_\_\_\_\_% CRACKS  \_\_\_\_\_ LIGHTNING DAMAGE  INCLUDED BARK   
 DEAD TWIGS/BRANCHES  \_\_\_\_\_% OVERALL MAX DIA. \_\_\_\_\_ CODOMINANT  CAVITY/NEST HOLE \_\_\_\_\_% CIRC. WEAK ATTACHMENTS   
 BROKEN/HANGERS NUMBER \_\_\_\_\_ MAX DIA. \_\_\_\_\_ PREVIOUS BRANCH FAILURES  \_\_\_\_\_ SIMILAR BRANCHES PRESENT   
 DEAD/MISSING BARK  CANKERS/GALLS/BURLS  SAPWOOD DAMAGE/DECAY  CONKS  HEARTWOOD DECAY   
**PRUNING HISTORY** CROWN CLEANED  THINNED  RAISED  REDUCED  TOPPED  LION-TAILED  FLESH CUTS  OTHER  \_\_\_\_\_  
**MAIN CONCERN(S)** \_\_\_\_\_

**LOAD ON DEFECT** N/A  MINOR  MODERATE  SIGNIFICANT  \_\_\_\_\_  
**LIKELIHOOD OF FAILURE** IMPROBABLE  POSSIBLE  PROBABLE  IMMINENT

**TRUNK**

DEAD/MISSING BARK  ABNORMAL BARK TEXTURE/COLOR  CRACKS   
 CODOMINANT STEMS  INCLUDED BARK  SAPWOOD DAMAGE/DECAY   
 CANKERS/GALLS/BURLS  SAP OOOZE  LIGHTNING DAMAGE   
 HEARTWOOD DECAY  CONKS/MUSHROOMS  POOR TAPER   
 DISEASED \_\_\_\_\_  
 CAVITY/NEST HOLE  \_\_\_\_\_% CIRC. DEPTH \_\_\_\_\_ MAIN CONCERN(S) \_\_\_\_\_

**LIKELIHOOD OF FAILURE** IMPROBABLE  POSSIBLE  PROBABLE   
 IMMINENT

**ROOTS AND ROOT COLLAR**

COLLAR BURIED/NOT VISIBLE  DEPTH  STEM GIRDLING  DEAD   
 DECAY  CONKS/MUSHROOMS  OOOZE  CAVITY  \_\_\_\_\_% CIRC.  
 CRACKS  CUT/DAMAGED ROOTS  DISTANCE FROM TRUNK \_\_\_\_\_  
 ROOT PLATE LIFTING  SOIL WEAKNESS   
 DISEASED \_\_\_\_\_  
 MAIN CONCERN(S) \_\_\_\_\_

**LIKELIHOOD OF FAILURE** IMPROBABLE  POSSIBLE  PROBABLE   
 IMMINENT

**TARGET LIKELIHOOD MATRIX**

OF FAILURE	LIKELIHOOD OF IMPACTING TARGET			
	VERY LOW	LOW	MEDIUM	HIGH
IMMINENT	UNLIKELY	SOMEWHAT LIKELY	LIKELY	VERY LIKELY
PROBABLE	UNLIKELY	UNLIKELY	SOMEWHAT LIKELY	LIKELY
POSSIBLE	UNLIKELY	UNLIKELY	UNLIKELY	SOMEWHAT LIKELY
IMPROBABLE	UNLIKELY	UNLIKELY	UNLIKELY	UNLIKELY

**NOTES, EXPLANATIONS, DESCRIPTIONS**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**MITIGATION OPTIONS**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**TARGET RISK RATING MATRIX**

LIKELIHOOD OF FAILURE & IMPACT	CONSEQUENCES OF FAILURE			
	NEGLECTIBLE	MINOR	SIGNIFICANT	SEVERE
VERY LIKELY	LOW	MODERATE	HIGH	EXTREME
LIKELY	LOW	MODERATE	HIGH	HIGH
SOMEWHAT LIKELY	LOW	LOW	MODERATE	MODERATE
UNLIKELY	LOW	LOW	LOW	LOW

**OVERALL TREE RISK RATING** LOW  MODERATE  HIGH  EXTREME

**OVERALL RESIDUAL RISK** LOW  MODERATE  HIGH  EXTREME

**WORK PRIORITY** 1  2  3  4

**RECOMMENDED INSPECTION INTERVAL** \_\_\_\_\_

**DATA** FINAL  PRELIMINARY

**ADVANCED ASSESSMENT NEEDED** NO  YES  TYPE/REASON \_\_\_\_\_

**INSPECTION LIMITATIONS** NONE  VISIBILITY  ACCESS  VINES

ROOT COLLAR BURIED  DESCRIBE \_\_\_\_\_