

CITY OF LAKE ELMO

RESOLUTION 2008-021

IT IS RESOLVED that the City of Lake Elmo enter into Mn/DOT Agreement No. 92477 with the State of Minnesota, Department of Transportation for the following purposes:

To provide for payment by the State to the City of the State's share of the acquisition costs of the landscape material to be placed along and adjacent to Trunk Highway No. 5 from 200 ft. north of 50<sup>th</sup> Street to 55<sup>th</sup> Street within the corporate City limits under State Project No. 8214-969D (T.H. 5=045).

IT IS FURTHER RESOLVED that the Mayor and the City Administrator are authorized to execute the Agreement and any amendments to the Agreement.  
(Title)

CERTIFICATION

I certify that the above Resolution is an accurate copy of the Resolution adopted by the Council of the City of Lake Elmo at an authorized meeting held on the 15th day of April, 2008, as shown by the minutes of the meeting in my possession.

Sharon Lumby  
(Signature)


SHARON Lumby  
(Type or Print Name)

City Clerk  
(Title)

Subscribed and sworn to before me this 16th day of April, 2008

Notary Public Carole Ann Luczak

My Commission Expires JAN. 31 2010



## EXHIBIT "A"

### Maintenance Responsibilities Plan and Schedule

Table 1a. REQUIRED LANDSCAPE MAINTENANCE ACTIVITIES

MAINTENANCE CONSIDERATION				
PLANT GROUPS	PRUNING		WEED CONTROL	FERTILIZATION See Table 5, Fertilization Schedule
	When To	Type Of		
Evergreen Trees	Anytime - Dry	Corrective and Deadwood Removal	Maintain mulch at 3" minimum around trees in mowed areas, keep weed free.	Yes
Shade Trees	Anytime - Dry*	Training and Corrective		Yes
Ornamental Trees	Winter**	Corrective		Yes
Evergreen Shrubs	Anytime - Dry	Deadwood Removal		Yes
Deciduous Shrubs	Dormant	Corrective and Renewal	Maintain minimum 3" woodchip mulch in a weed free condition until shrub crown closure.	Yes
Vines	Dormant	Deadwood Removal		No
Groundcovers				

\* Do not prune oaks during April, May and June. Do not prune Honeylocust while dormant or when humid or wet.

\*\* Do not prune apples, crabapples or Mountain Ash during April, May and June.

TABLE 1b. REQUIRED LANDSCAPE MAINTENANCE ACTIVITIES

MAINTENANCE CONSIDERATION				
PLANT GROUPS	WATERING	INSECT AND DISEASE CONTROL	RODENT PROTECTION	REMOVALS AND REPLACEMENTS
Evergreen Trees	Yes until established (2 yrs.).	As needed.	Yes - Pine Only	Remove all dead plants. Replace dead or dying plants unless the lost plants do not noticeably compromise the visual appearance or design intent.
Shade Trees			Yes	
Ornamental Trees	Supplemental watering may be needed during drought periods (especially during July and August) even after plants are established.	Remove diseased plants that pose threats to adjacent plantings.	Yes	
Evergreen Shrubs			No*	
Deciduous Shrubs			No*	
Vines			No*	
Groundcovers			No*	

\* Rodent protection is generally not practical for mass shrub plantings, maintaining clean mulched planting areas free of weed growth will reduce problems. Mowed turf in formal planting areas will help reduce rodent problems.

TABLE 2a. CALENDAR OF LANDSCAPE MAINTENANCE

ACTIVITY	January	February	March	April	May	June
Pruning	See Table 1a for Best Time for Specific Species.					
Weed Control:	Planting beds must be kept in a weed free condition.					
Remulch				OXX	XXXX	XO
Herbicide	Must be applied by a licensed Pesticide Applicator.					
Fertilization: Turf Shrubs, Trees				XXXX		
Insect & Disease	Time of control depends on the type of insect or disease and when it is detected.					
Sunscaid Protection				Remove wrap*		
Watering	During first and second growing seasons approximately once a week or as needed to maintain adequate but not excessive soil moisture.					
Maintain Rodent Protection	O O O O	O O O O	O O O O	O O O O	O O O O	O O O O
Turf Maintenance Mowing					O O X	XXXX
Mower Damage Prevention				X	XXXX	XXXX
Replanting Evergreen Trees Deciduous Trees Container Plants Turf				O X X O X X X X X O	X X O X X X X X X X X X X X X	X X X O X X O O

X - Optimum Time    O - Less than Optimum Time

\* Undiluted white latex paint is recommended, repaint as necessary until trees reach 4" caliper.

TABLE 3. DESCRIPTIONS OF TYPES OF PRUNING

TYPES OF PRUNING	WHEN TO PRUNE	DESCRIPTION
Disease Removal	After Diagnosis	Removal of fungal bacterial growths. Sterilize pruners between cuts.
Deadwood Removal	See Table 1	Removal of dead branches, normally from the interior portion of the crown.
Training	See Table 1	Maintaining the central leaders and acceptable symmetry in evergreen, shade and ornamental trees. Removal of suckers and water sprouts.
Corrective	See Table 1	Removal of storm-damaged, vehicle-damaged or vandalized limbs.
Renewal	See Table 1	Removing all top growth at or near the ground line and remulch. Or removal of 1/3 of the oldest stems at the ground line.

TABLE 4. WEED CONTROL METHODS - INTEGRATED APPROACH

METHOD	CATEGORY		
	TREES	SHRUB BEDS	TURF
Replanting - Filling Voids		X	X
Fertilization	X	X	X
Remulch*	X	X	X
Herbicides	X	X	X
Weed Whip	No	X	

\* Wood chip mulch should be replenished around shade trees and low growing shrubs every 3-5 years. Place mulch to a 4" depth. Mulching will help control weeds, reduce mower damage and conserve moisture.

TABLE 5. FERTILIZATION SCHEDULE

CATEGORY	FREQUENCY	TIME OF APPLICATION	ANALYSIS **	RATE
Mowed Turf	Every 3 Years	April or October	23-0-30	1 lb (N)/1000 sq. ft.
Shrub Beds*	Every 3 Years	October or April	23-0-30	1 lb (N)/1000 sq. ft.
Shade Trees*	Every 3 Years	October or April	23-0-30	.5 lbs/1 Cu. Yd. of soil

Note: Do not fertilize trees and turf during the same season. Offset tree fertilization by one season in order to prevent fertilizer burn on turf.

\* Plants that fix nitrogen, like Silver Buffaloberry, Caragana, Honeylocust, Russian Olive or other legumes, should not be fertilized except under special conditions. Tall shrubs do not need to be fertilized if leaf color remains normal.

\*\* Analysis will be allowed within the following ranges: N (16-24) - P (0) - K (20-30).