

Illinois Green Infrastructure Grant: Lord Street Basin Green Infrastructure Retrofit Project

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Project Manager

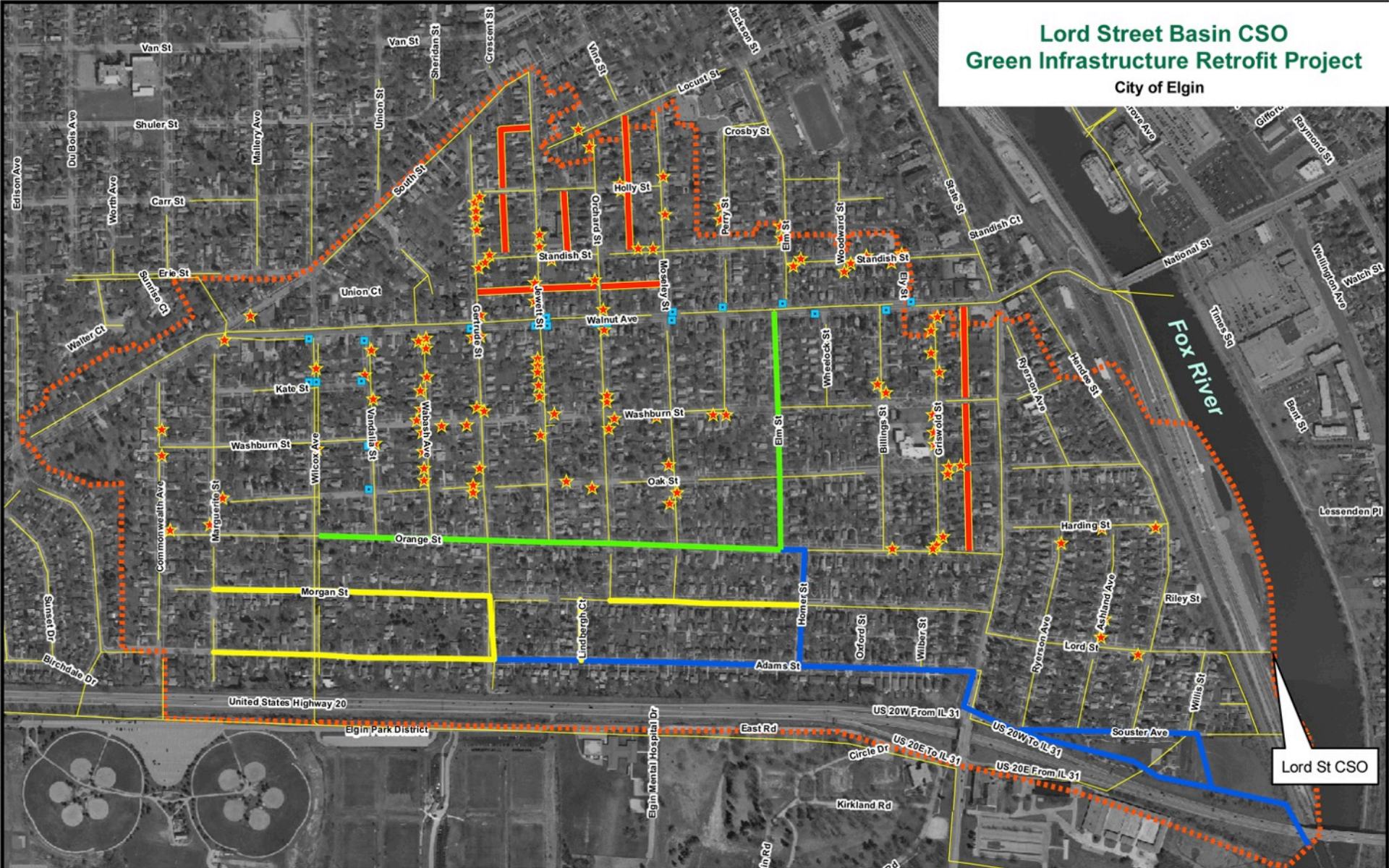
November 27,
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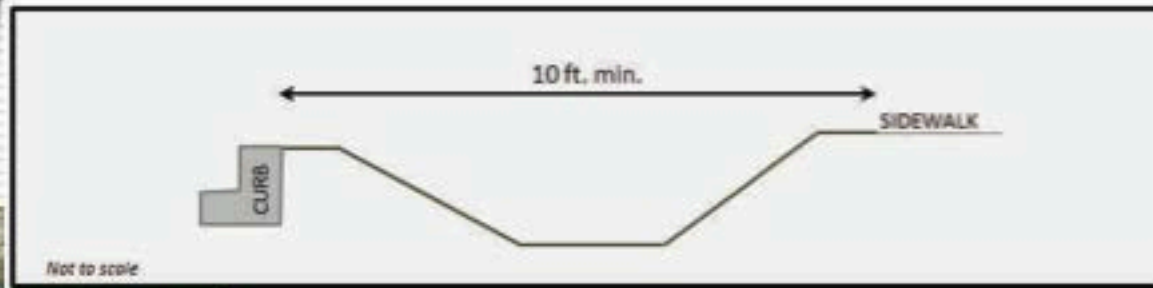
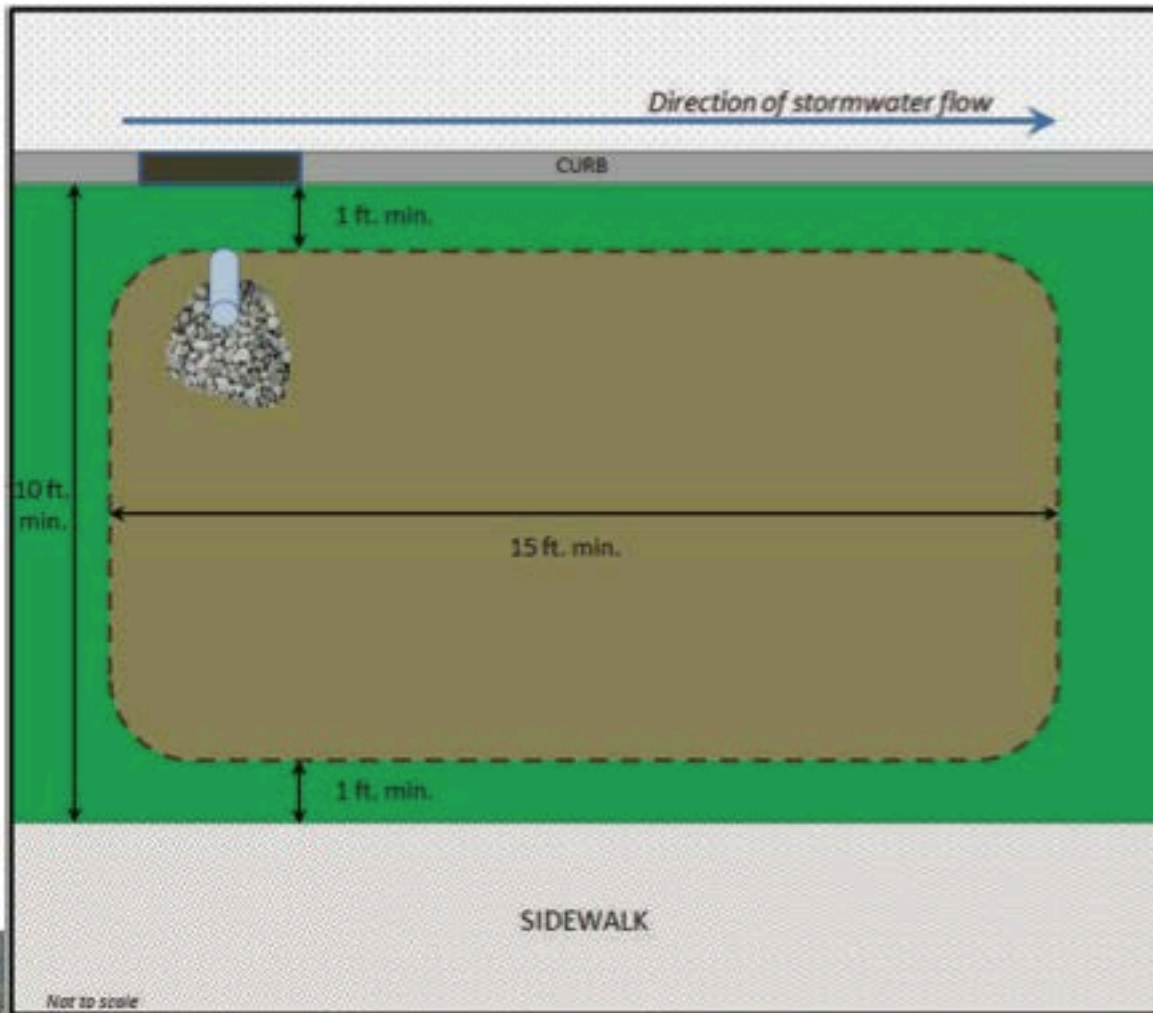
Lord Street Basin CSO Green Infrastructure Retrofit Project

City of Elgin

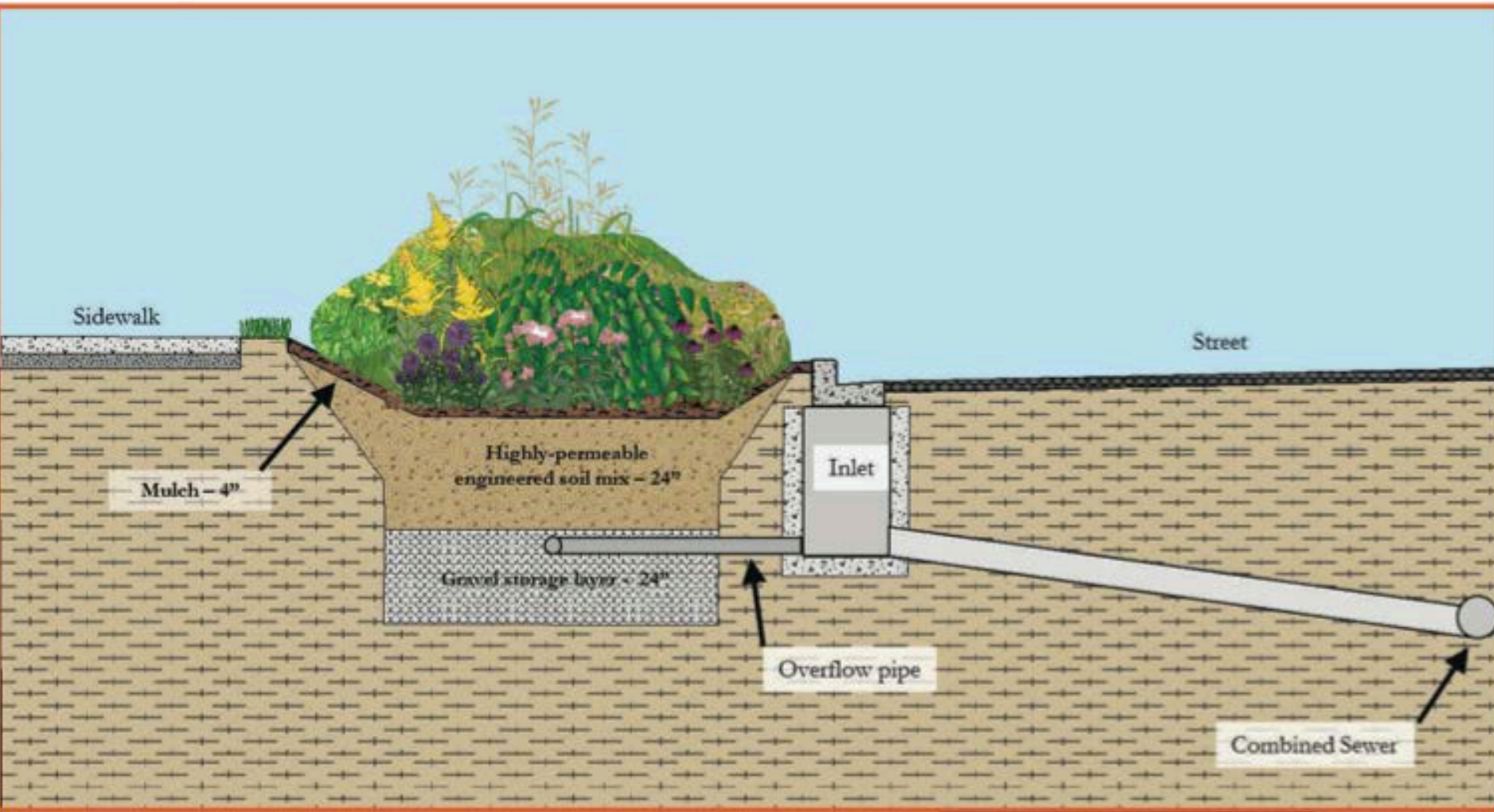


Lord St CSO

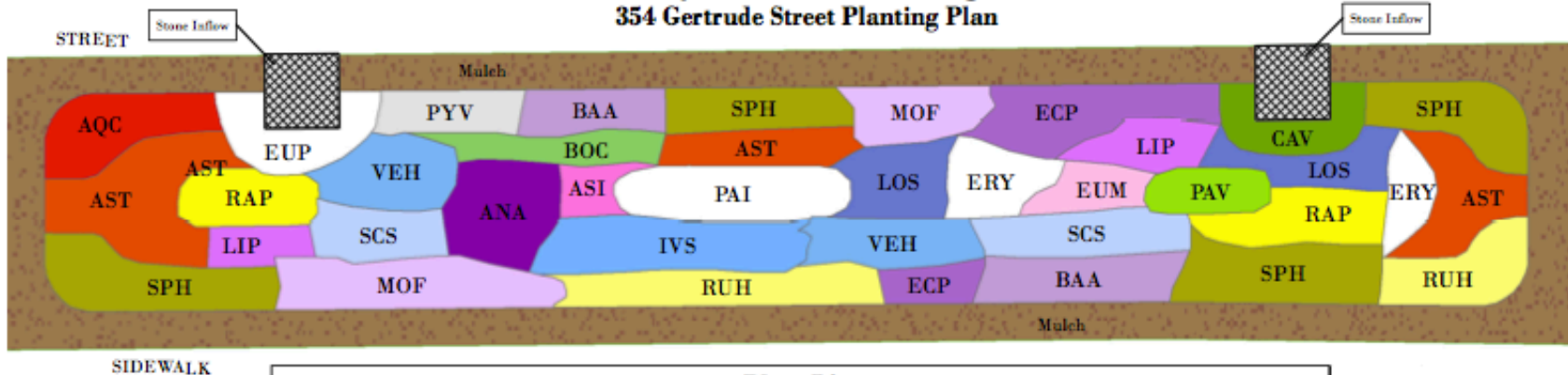




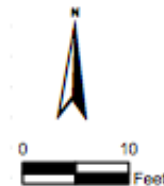




City of Elgin Parkway Rain Garden Program 354 Gertrude Street Planting Plan

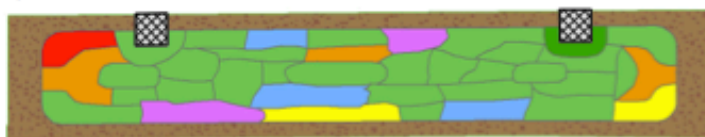


Plant List					
Abbreviation	Common Name	Abbreviation	Common Name	Abbreviation	Common Name
ANA	New England Aster	ECP	Purple Coneflower	PAI	Wild Quinine
AQC	Columbine	ERY	Rattlesnake Master	PYV	Mountain Mint
ASI	Marsh Milkweed	EUM	Joe Pyeweed	RAP	Yellow Coneflower
AST	Butterfly weed	EUP	Common Boneset	RUH	Black-Eyed Susan
BAA	Blue Wild Indigo	IVS	Blue Flag Iris	SCS	Little Bluestem
BOC	Side Oats Grama	LIP	Prairie Blazing Star	SPH	Prairie Dropseed
CAV	Fox Sedge	LOS	Great Blue Lobelia	VEH	Blue Vervain
		MOF	Wild Bergamot		



Bloom Schedule (not to scale)

May



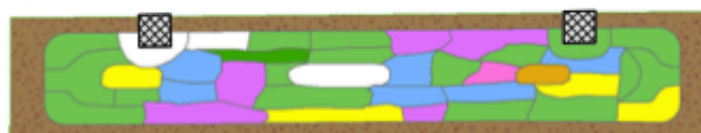
August



June



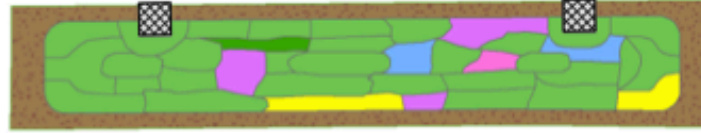
September

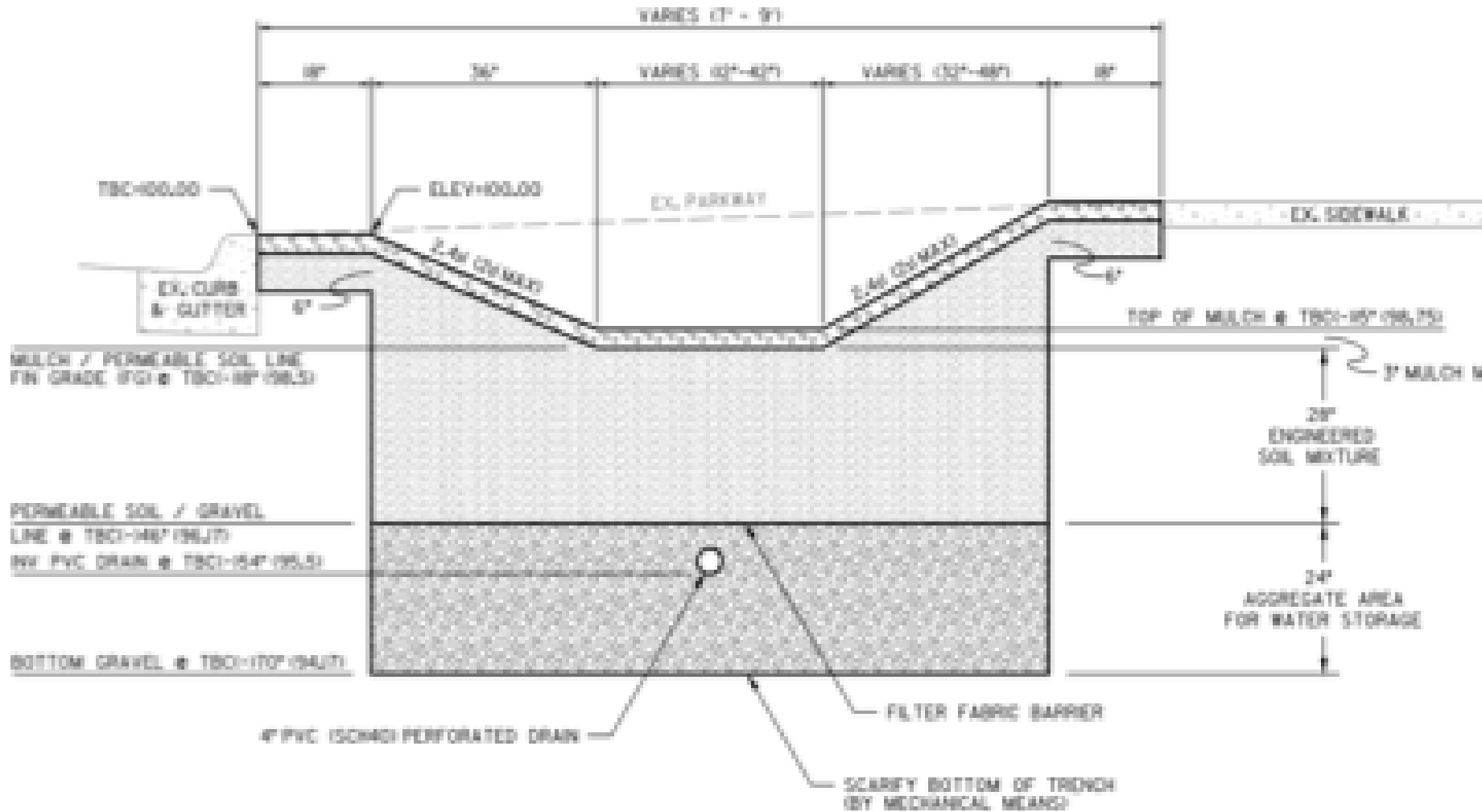


July



October

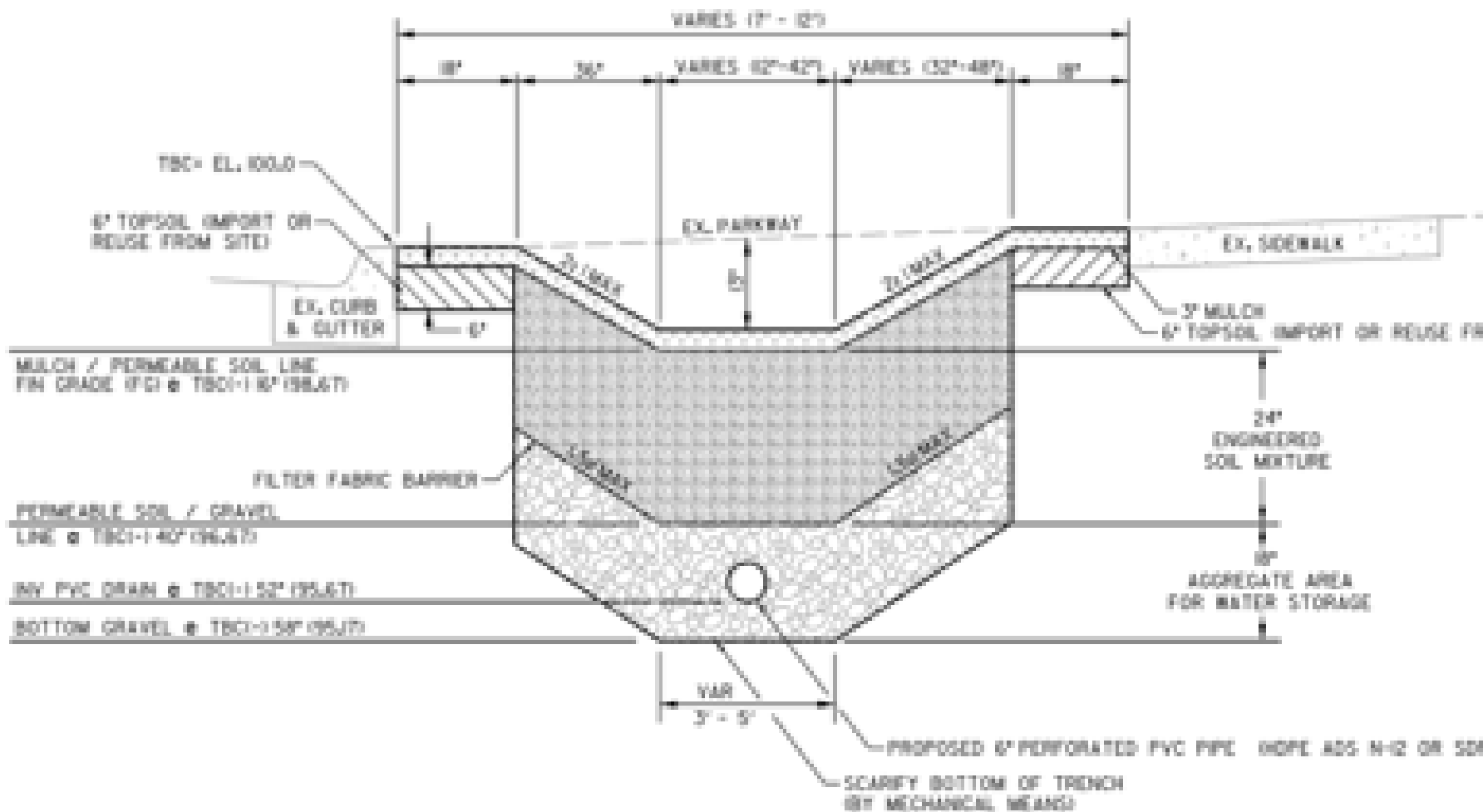




Rain Garden - Typical Cross Section



Rain Garden - Typical Longitudinal Section



Rain Garden - Typical Cross Section



Rain Garden - Typical Longitudinal Section







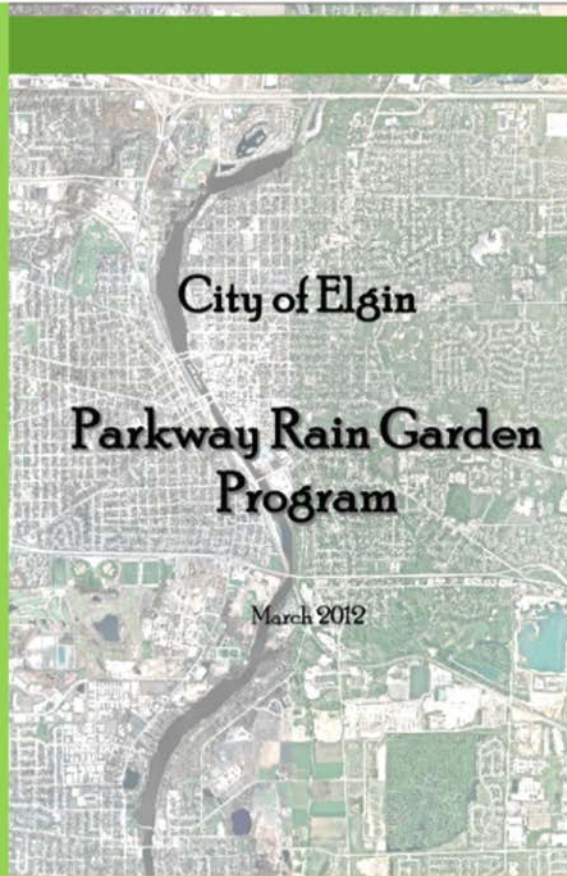












A homeowners how-to guide for
planting and maintaining a rain garden

Planting a Rain Garden

Similar to planting any other garden, although rain gardens are designed to connect stormwater from entering the combined sewer system, as well as to be creative! Consider bloom time, bloom color, and height when planting a garden to keep the layout interesting and diverse.

A rain garden is typical when planting a barrier for weeds and other invasive plants from popping up as well as to be soil.

heads or thin stems may require staking since they tend to fall over during storms when they are six inches in height, this will allow the plant to grow the stake around mid season.

Illinois have been the most frequent times. With they have stabilized soil to urban development the same benefits water problems in our regional landscaping, water quality benefits as rainwater runoff can be managed through chemical and mechanical mechanisms.

erived by planting native plants have a positive impact on the quality of water entering the Fox River.

Shorter Rain Garden Plants

1 foot- 4 feet tall

KEY
 ● Partial Shade / Shade
 ○ Full Sun
 ○● Full Sun / Partial Shade

1 Black-eyed Susans (*Xanthoxys hirta*)
 Height: 1-2 feet
 Light: ○●
 Moisture: Moist
 Bloom: May to August

3 Blue Wild Indigo (*Baptisia australis*)
 Height: 2-4 feet
 Light: ○●
 Moisture: Moist
 Bloom: May - July

4 Butterfly Weed (*Asclepias tuberosa*)
 Height: 1-2 feet
 Light: ○●
 Moisture: Dry to Moist
 Bloom: May-June

7 Purple Coneflowers (*Echinacea purpurea*)
 Height: 3 feet
 Light: ○●
 Moisture: Moist to Wet
 Bloom: June - August

8 Mountain Mint (*Pycnanthemum virginicum*)
 Height: 2-3 feet
 Light: ○●
 Moisture: Moist to Wet
 Bloom: June to September

11 Jacob's Ladder (*Polemonium reptans*)
 Height: 1-2 feet
 Light: ○●
 Moisture: Moist to Wet
 Bloom: July - September

12 Golden Alexander (*Zizia aurea*)
 Height: 1-3 feet
 Light: ○●
 Moisture: Moist
 Bloom: April - June