













DETAILS NOTE:			
REFERENCE ONLY. A ST. CHARLES COUNT	THE CONVENIENCE OF THE CONTRACTOR AND ARE FOR LL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TY DESIGN CRITERIA FOR THE PREPARATION OF IMPROVEMENT ARY 2019, OR CURRENT EDITION.		

CONTRACTOR RESPONSIBLE FOR OBTAINING CURRENT SPECIFICATIONS & DETAILS.

Saint Charles County, Missouri Design Criteria

> company, or refer to NRCS MOFOTG Code 340 (Cover Crop) in Appendix D. For channels, embankments, and slopes of 4:1 or steeper, seeding shall be a mixture of K31 fescue and rye at a rate of 400 pounds per acre.

proposed prior to planting, as recommended by an agronomist, competent nursery

## **Table 60-7 Temporary Fall Seeding**

Plant Species	Rate <sup>1</sup> (lb/acre)	Seeding Times
Side-Oats	65	8/16 – 9/30
Winter Rye	50	8/01 - 10/15
Winter Wheat	60	8/01 – 10/15
Orchard Grass	120	8/01 – 10/15
Perennial Ryegrass	80	8/01 - 10/15
Tall fescue, Smooth Brome	80	8/01 - 10/15
K-31 Fescue	120	9/01 – 11/15
Ladino Clover	2 2	8/15 – 9/15
Crimson Clover	6 <sup>2</sup>	8/15 – 9/15
Orchard Grass and Oats or Rye	15 <sup>2</sup> 40 <sup>2</sup>	8/15 - 9/15

<sup>1</sup>If using aerial seeding or other broadcast method to apply seed without rolling or cultipacking, increase seeding rates by 50 percent.

## <sup>2</sup>Pure live seed (PLS)

Table 60-8 Temporary Spring Seeding				
Plant Species	Rate <sup>1</sup> (lb/acre)	Seeding Dates		
Winter Rye	50	3/15 - 5/31		
Spring Oats	65	3/15 - 5/31		
Annual Ryegrass	4 2	3/15 - 6/15		
Sudangrass	16 <sup>2</sup>	4/15 - 6/15		
K-31 Fescue	30 <sup>2</sup>	3/15 - 5/31		
Red Clover & Oats	2 <sup>2</sup> 30 <sup>2</sup>	3/15 – 5/31		

<sup>1</sup>If using aerial seeding or other broadcast method to apply seed without rolling or cultipacking, increase seeding rates by 50 percent.

<sup>2</sup>Pure live seed (PLS)

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**REVISIONS:** 

01/16/2020 - 60% PRINTING

02/14/2020 - PERMIT SET 03/25/2020 - REVISED PER OWNE CITY / UTILITY COMMENTS

04/17/2020 - ADDENDUM 'A'

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S.W.P.P.P. DETAILS AND SPECIFICATIONS

STOCK AND ASSOCIATES CONSULTING ENGINEERS, INC. A THE UNDERSIGNED ENGINEER HAVE NO RESPONSIBILITY F

THE UNDERSIGNED ENGINEER HAVE NO RESPONSIBILITY FOR SERVICES PROVIDED BY OTHERS TO IMPLEMENT THE IMPROVEMENTS SHOWN ON THIS PLAN AND ALL OTHER DRAWINGS WHERE THE UNDERSIGNED ENGINEER'S SEAL APPEARS. THE CONSTRUCTION MEANS AND METHODS ARE THE SOLE RESPONSIBILITY OF THE OWNER AND CONTRACTOR STOCK AND ASSOCIATES CONSULTING ENGINEERS, INC. HAS NO RESPONSIBILITY TO VERIFY FINAL IMPROVEMENTS AS SHOWN ON THIS PLAN UNLESS SPECIFICALLY ENGAGED ANI AUTHORIZED TO DO SO BY THE OWNER OR CONTRACTOR.

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