



# CU-Structural Soil®

## Load-bearing Soil for Urban Environments

This Cornell University-designed soil (U.S. Patent #5,84,069) provides a healthy, load-bearing rooting medium for urban tree planting, as well as a rainwater attenuation system to help comply with SuDS obligations for urban development projects.

*CU-Structural Soil* is designed to be used where soil compaction is required such as under sidewalks, parking lots, medians, plazas and low-access roads. It is also used to grow trees in an urban concrete environment. This proven performer offers:

- Increased tree longevity and carbon capacity
- Reduced sidewalk heaving
- Rapid infiltration rate for stormwater capture

*CU-Structural Soil* is a mixture of gap-graded gravels (made of angular crushed stone), clay loam, soil components, and Gelscape® hydrogel—a stabilizing agent to keep the mixture from separating.

*CU-Structural Soil* should be used at a depth of at least 24" but preferably 36". It can be used right up to the surface grade where there is a pavement opening that is large enough to allow for tree installation.

This engineered is available by special order. Contact our Soil Specialists for additional information and delivery options.



*Plaisted Companies* is a sub-licensed supplier of *CU-Structural Soil*, providing this engineered soil to the 5-state area since 2003. Visit our website for additional information and links to technical brochures on this proven engineered soil.



University Avenue between St. Paul/Minneapolis.



# Completed CU-Structural Soil® Projects

## Streetscapes throughout

### Minnesota

Alexandria, Broadway Ave.  
Anoka, Main St.  
Bloomington, Lindau Lane  
Brainerd  
Duluth  
Eden Prairie, West 70 St.  
Edina  
New Hope, 49th & Zealand Ave.  
Northfield  
Osseo  
Richfield  
Rochester  
Rockford  
Sioux Falls  
St. Louis Park  
St. Michael  
St. Peter, Broadway Ave.  
Wayzata  
White Bear Lake

### Metro Area Projects

Central Corridor Light-rail  
Apple Valley, Minnesota Zoo  
Bloomington, Pan American  
Burnsville, Nicollet Commons  
Eagan Central Maintenance  
Maple Grove Band Shell  
Maple Grove, Central Park  
Great Lawn  
Maple Grove, Boston Scientific  
Minnetonka, Opus  
Minnetonka, United Health  
Wayzata, Bay Center

### Outstate Areas

Duluth, University of MN  
Eau Claire, University of WI  
Fargo, ND, Water Main  
Forest Lake, City Center  
Hastings, Riverfront Renaissance  
Mankato State University  
Minot, SD, Downtown Infrastructure  
MNDOT, Hwy 169  
Ramsey, Town Center  
Sioux Falls, SD, Water Main

## Minneapolis Streetscapes

Chicago Avenue  
Lake Street  
Lowry Avenue  
Minnehaha Avenue  
Nicollet Avenue  
Washington Avenue

## Minneapolis other Properties

Burgundy Place Apartments  
City of Mpls., Paving Dept.  
Hennepin County Gov't Center  
The Interchange  
Loring Park Condos  
Mpls. Technical College  
Minnesota Vikings Stadium  
Nicollet Mall  
Radisson Red Hotel  
Skyscape Towers  
Stonebridge Lofts  
Target Field  
Velo Flats  
Xcel Plaza  
Wells Fargo Towers  
Westin Gallery

## St. Paul Projects

CHS Field – Lower Grounds  
Ford Parkway  
Higher Ground  
Minnesota Senate  
Minnesota State Capitol  
Mississippi Flats Condos  
Phalen & Payne Avenues  
Printers Row  
Prior Avenue  
Robert Street & Hwy 51  
Snelling Avenue  
State of MN, Dept of Human Services  
The Penfield Condos

## University of Minnesota Projects

Biomedical Building  
Children's Hospital  
Hanson Hall  
Pleasant Street  
TCF Stadium



## Consistent quality. Reliable delivery.

Our experienced drivers, fleet of 45 trucks, and our GPS locator help set the standard for the most responsive delivery system in the 5-state area.

## Our Guarantee

We deliver on our promise, or make it right.

## Ordering Information

**763.441.1100**

To obtain more technical information or for a price quote contact dispatch.



**Plaisted  
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INCORPORATED

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THE SOIL EXPERTS.