

Green Corridor: Textile Road

DRAFT PLAN

Pittsfield Charter Township

10.07.19



**PITTSFIELD CHARTER TOWNSHIP
WASHTENAW COUNTY, MICHIGAN
RES #17-39**

**RESOLUTION TO ADVOCATE FOR ENVIRONMENTALLY CONSCIOUS DESIGN &
CONSTRUCTION OF TEXTILE ROAD BY THE WASHTENAW COUNTY ROAD
COMMISSION AND A COMMITMENT BY PITTSFIELD TOWNSHIP TO PROVIDE A
GREEN BUFFER FOR IMPACTED RESIDENTS**

July 12, 2017

At a Regular Meeting of the Township Board of Pittsfield Charter Township, Washtenaw County, Michigan, held at the Township Administration Building located at 6201 W. Michigan Avenue, in said Township, on the 12th day of July, 2017 at 6:30 p.m.

Present: Grewal, Anzaldi, Scribner, Jaffer, Krone, Ralph.
Absent: Edwards-Brown.

The following preamble and resolution were offered by Clerk Anzaldi, and supported by Trustee Jaffer.

WHEREAS, the Pittsfield Township Board of Trustees has supported Washtenaw County Road Commission's (WCRC) efforts to pave Textile Road between Hines Drive and Platt Road because it is the most trafficked primary gravel road not just in Pittsfield Township but Washtenaw County with WCRC recording over 1,700 vehicles (of which 72% were cars and trailers) using this stretch of roadway in a twenty-four hour period in July 2015; and

WHEREAS, the Pittsfield Township Board of Trustees has supported Washtenaw County Road Commission's (WCRC) efforts to pave Textile Road between Hines Drive and Platt Road because it is the most trafficked primary gravel road not just in Pittsfield Township but Washtenaw County with WCRC recording over 1,700 vehicles (of which 72% were cars and trailers) using this stretch of roadway in July 2015; and

WHEREAS, the Pittsfield Township Board of Trustees requests' to WCRC for engagement on this project to provide design input have been rejected, as documented in the Board of Trustees (BOT) meeting packet of June 14, 2017; and

WHEREAS, the Pittsfield Township Board of Trustees has an eight year track record of implementing projects in our community by undertaking extensive resident engagement and providing for design compromises to meet their needs and concerns; and

WHEREAS, these projects have been implemented to promote, rather than detract from, Pittsfield Township's commitment to environmental stewardship which has been further reinforced and enshrined within the 2020 Sustainable Vision Master Plan adopted by the Pittsfield Township Board of Trustees on June 14, 2017; and

WHEREAS, the WCRC's lack of engagement with Pittsfield Township on the proposed paving project and its inability to accommodate requests such as redesign of the road cross-section to meet the needs and concerns of impacted residents has placed Pittsfield Township in an unfortunate position of having supported a project that does not meet the environmental and social justice goals central to our administration and community; and

WHEREAS, three property owners from Textile Road and eight other Township residents spoke at the public comment period of the Pittsfield Township Board of Trustees June 14, 2017 meeting to voice their opposition to WCRC's project to pave Textile Road between Hines Drive and Platt Road; and

WHEREAS, Pittsfield Township has advocated for these residents with the WCRC by asking for a cross-section that does not encroach on homeowner's properties, provides for a green aesthetic and otherwise minimizes environmental impacts (refer to June 14, 2017 BOT meeting packet); and

WHEREAS, in an effort to both advocate and provide for a green aesthetic, that would be in keeping with Township's commitment to a complete street design for 25 corridors, the Pittsfield Township Board of Trustees hereby commits to engage with the Washtenaw County Water Resources Commission Tree Club for the advocacy while committing to allocate monies from Pittsfield Township's Tree Fund, after completion of WCRC's project, to provide for a green buffer between existing homes and between Hines Drive and Platt Road;

BE IT RESOLVED that the Pittsfield Charter Township Board of Trustees allocate a portion of the \$167,357 from the Tree Mitigation Fund to plant trees and Textile Road between Hines Drive and Platt Road after completion of WCRC's paving of Hines Drive and Platt Road, and

RESOLVED that copies of this resolution will be provided to the WCRC Board of Warren, Representative Zernke and Commissioner Bralec.

Anzaldi, Scribner, Jaffer, Krone, Ralph.
TOWNSHIP.

ADOPTED.

CERTIFICATE
That the foregoing is a true and complete copy of a resolution adopted by the Board of Trustees of the Charter Township of Washtenaw County of Michigan, at a meeting held on the 12th day of July, 2017, and that said meeting was conducted and public notice of said meeting was given in compliance with the Open Meetings Act, being Act 207, Public Act 2006-001, and that the meeting was held at the Township Administration Building, 6201 W. Michigan Avenue, in said Township, on the 12th day of July, 2017 at 6:30 p.m.

Pittsfield Charter Township Resolution 17-39 July 12, 2017

"NOW THEREFORE BE IT RESOLVED that the Pittsfield Charter Township Board of Trustees hereby commits to allocate a portion of the \$167,357 from the Tree Mitigation Fund to plant trees and greenscapes along Textile Road between Hines Drive and Platt Road after completion of WCRC's paving of Textile Road"

Resolution





Recommended Green Corridor Components:

1. Landscape Enhancements
 - Public Property
 - Pittsfield's Resolution Funding - Greenscapes
2. Textile Road Tree Planting
 - Private Property (need owner's cooperation)
 - Pittsfield's Resolution Funding
3. Green Infrastructure
 - Public Property
 - SEMCOG Funding - Stormwater



1. Landscape Enhancements - Greenscapes



Plant list of native species based on historic records

From General Land Survey Office – Michigan Territory
 Township 03 South Range 06 East – Pittsfield Township
 Volume 0043 – Survey Notes Pittsfield Twp, Washtenaw County
 June 8th & 9th, 1819, Surveyor: Wampler, Joseph (1783 - 1842)

West on Boundary Line Between Sections 22 & 27 (Page 26)

Chains Feet

10.00 660' Left Swamp
 37.00 2442' Enter Tamarack swamp
 40.00 2640' Set terminal ¼ mile post
 51.00 3366' Left swamp
 78.38 5173' Intersection North & South line 13° North
 Except swamp, fine level land:

white oak, red oak, ash, linden

West correction between Sections 22 & 27

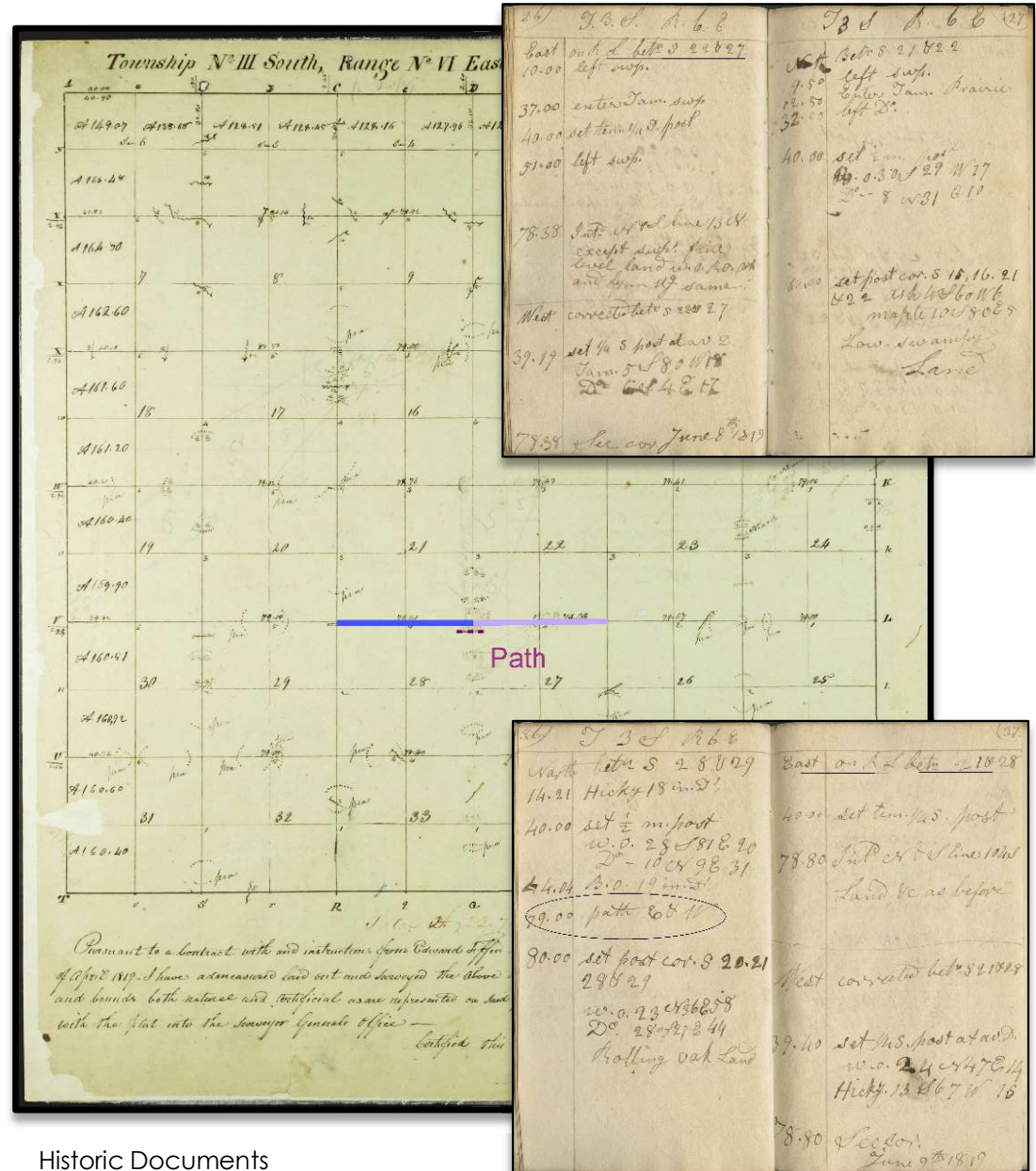
39.19 2586' Set terminal ¼ section post at corner D
 Tamarac 5" cal. South 80° West 18 links (11.87')
 Tamarac 6" cal. South 4° East 17 links (11.21')
 78.38 5173' Section corner

East on Boundary Line Between Sections 21 & 28 (Page 37)

40.00 2640' Set terminal ¼ section post
 78.80 5173' Intersection North & South line 104° South
 Land and cover as before - **Rolling oak land**

West correction between Section 21 & 28

39.40 2600' Set ¼ section post at corner (Ditto)
White oak 24" cal. North 47° East 14 links (9.23')
Hickory 13" cal. South 67° West 16 links (10.55')
 78.80 5200' Section



Historic Documents



Pittsfield’s Natural Features Map

MI Vegetation circa 1800 Viewer

Michigan Natural Features Inventory
MSU Extension

Between 1816 and 1855 Government Land Office Surveyors mapped a one-mile grid across the entire surface of Michigan, starting in the southeast near Lake Erie and finishing along the Wisconsin border along Lake Superior. The surveyors’ maps opened the lands of Michigan to sale and settlement, and the grid was gradually transformed into our present road system.

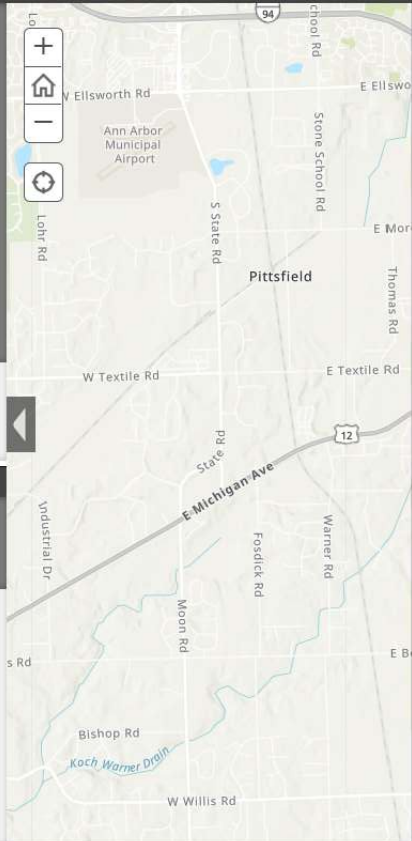
The Land Office Surveyors were not only creating a grid for land sales, they were also recording information about the land and its vegetation, describing the fertility of the soil, mapping bedrock exposures, and recording the size and species of the trees. This interactive storymap allows you to retrace the surveyors’ paths across the unsettled landscape, seeing your neighborhood and the entire state as the surveyors saw it. The broad prairies surrounding Detroit extensive forests of white pine and red pine

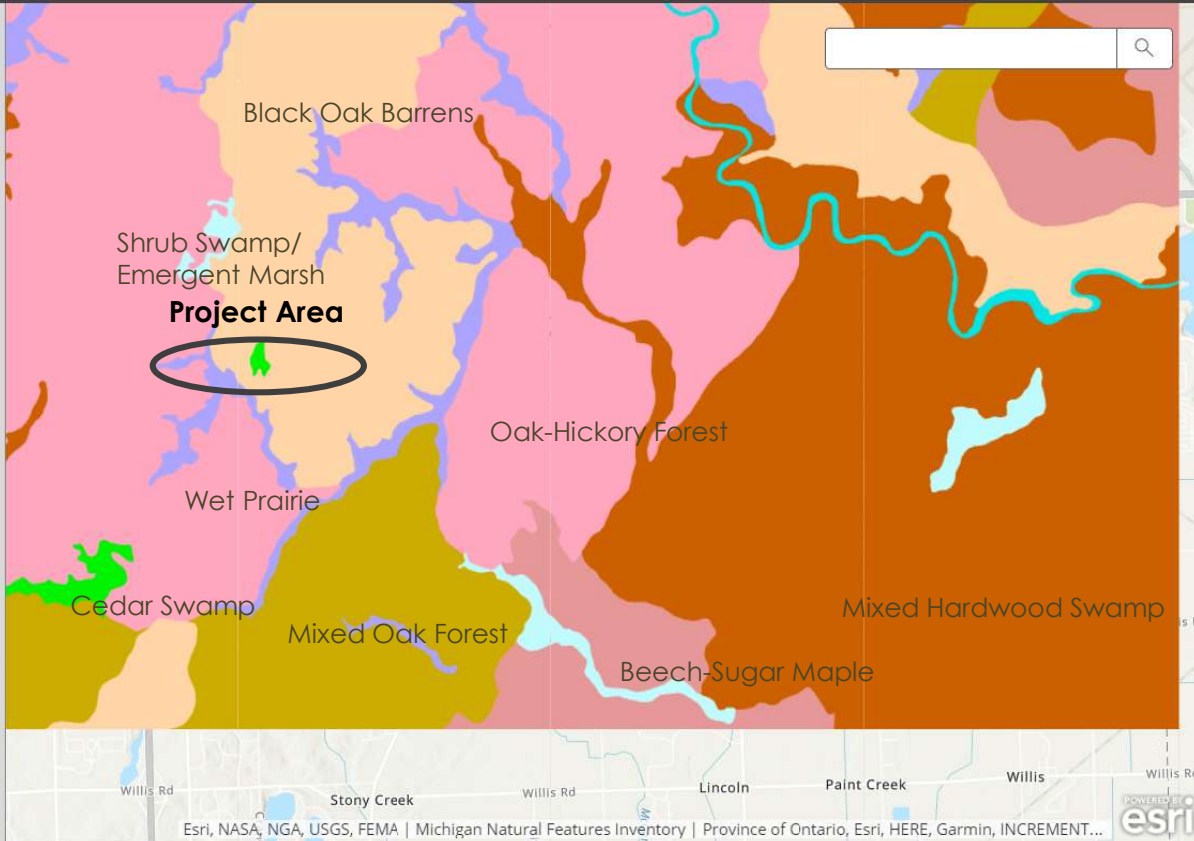
Legend

Michigan vegetation c1800

Michigan_vegetation_c1800

- ASPEN-BIRCH FOREST
- BEECH-SUGAR MAPLE FOREST
- BEECH-SUGAR MAPLE-HEMLOCK FOREST
- BLACK ASH SWAMP
- BLACK OAK BARREN
- CEDAR SWAMP





Esri, NASA, NGA, USGS, FEMA | Michigan Natural Features Inventory | Province of Ontario, Esri, HERE, Garmin, INCREMENT...



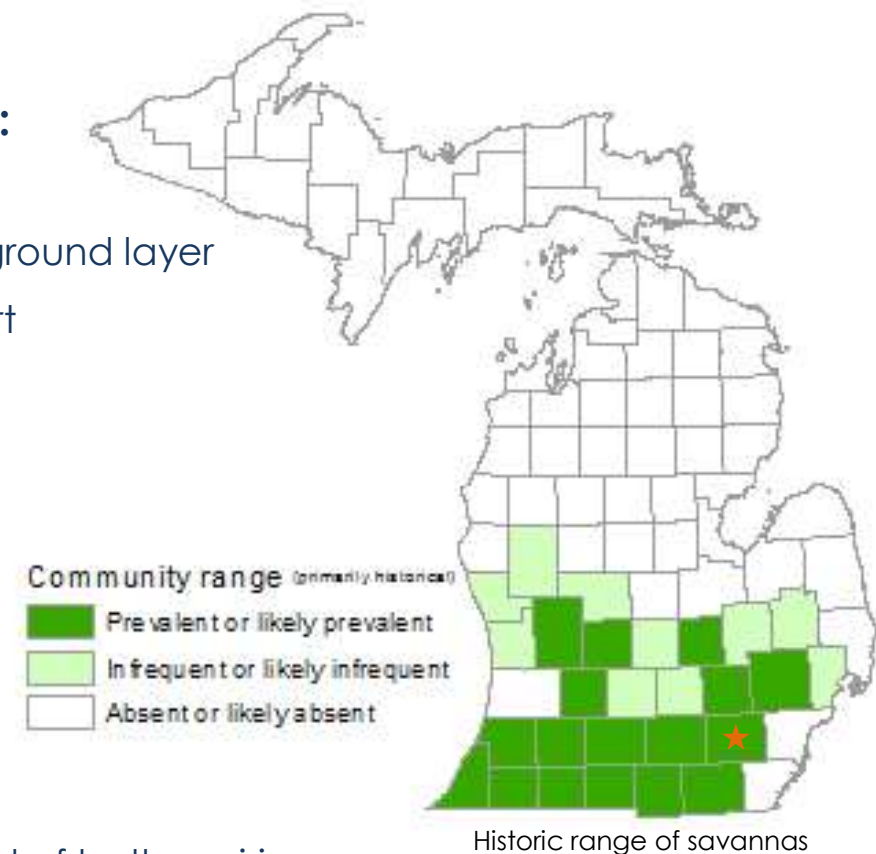
Landscape Enhancements

Oak openings were described by Michigan settlers as:

- Park-like savannas widely spaced mature oaks
- Wide range of shrub cover above the forb and graminoid ground layer
- The broad-crowned, scattered oaks of the same age cohort
- Canopy layer generally varied from 10 to 60% cover

MSU Extension on Oak Openings:

- Fire-dependent savannas dominated by oaks
- With or without a shrub layer
- Predominantly graminoid (grasses) ground layer is composed of both prairie and forest communities
- Occur on dry-mesic loams in the southern Lower Peninsula, typically occurring on level to rolling topography
- Oak openings have been nearly extirpated from Michigan



Landscape Enhancements

Typical Southern Michigan Savanna Plant Species:

TREES

- White Oak
- Burr Oak
- Chinquapin Oak
- Pignut Hickory
- Shagbark Hickory
- Red Oak
- Black Oak
- American Hazelnut

SHRUBS

- New Jersey Tea
- Lead Plant
- Stiff Dogwood
- Wild Plum
- Smooth Sumac

GRASSES

- Big Bluestem
- Little Bluestem
- Indian Grass

FORBS

- | | |
|----------------------|---------------------------------|
| • Thimbleweed | <i>Anemone cylindrica</i> |
| • Purple Milkweed | <i>Asclepias purpurascens</i> |
| • Butterfly Weed | <i>A. tuberosa</i> |
| • Prairie Coreopsis | <i>Coreopsis palmata</i> |
| • Showy Tick-Trefoil | <i>Desmodium canadense</i> |
| • Flowering spurge | <i>Euphorbia corollata</i> |
| • Bush Clovers | <i>Lespedeza capitata</i> |
| • Wild-Bergamot | <i>Monarda fistulosa</i> |
| • Virginia Mtn. Mint | <i>Pycnanthemum virginianum</i> |
| • Black-eyed Susan | <i>Rudbeckia hirta</i> |
| • Culver's Root | <i>Veronicastrum virginicum</i> |
| • Golden Alexanders | <i>Zizia aurea</i> |



Savanna - late spring

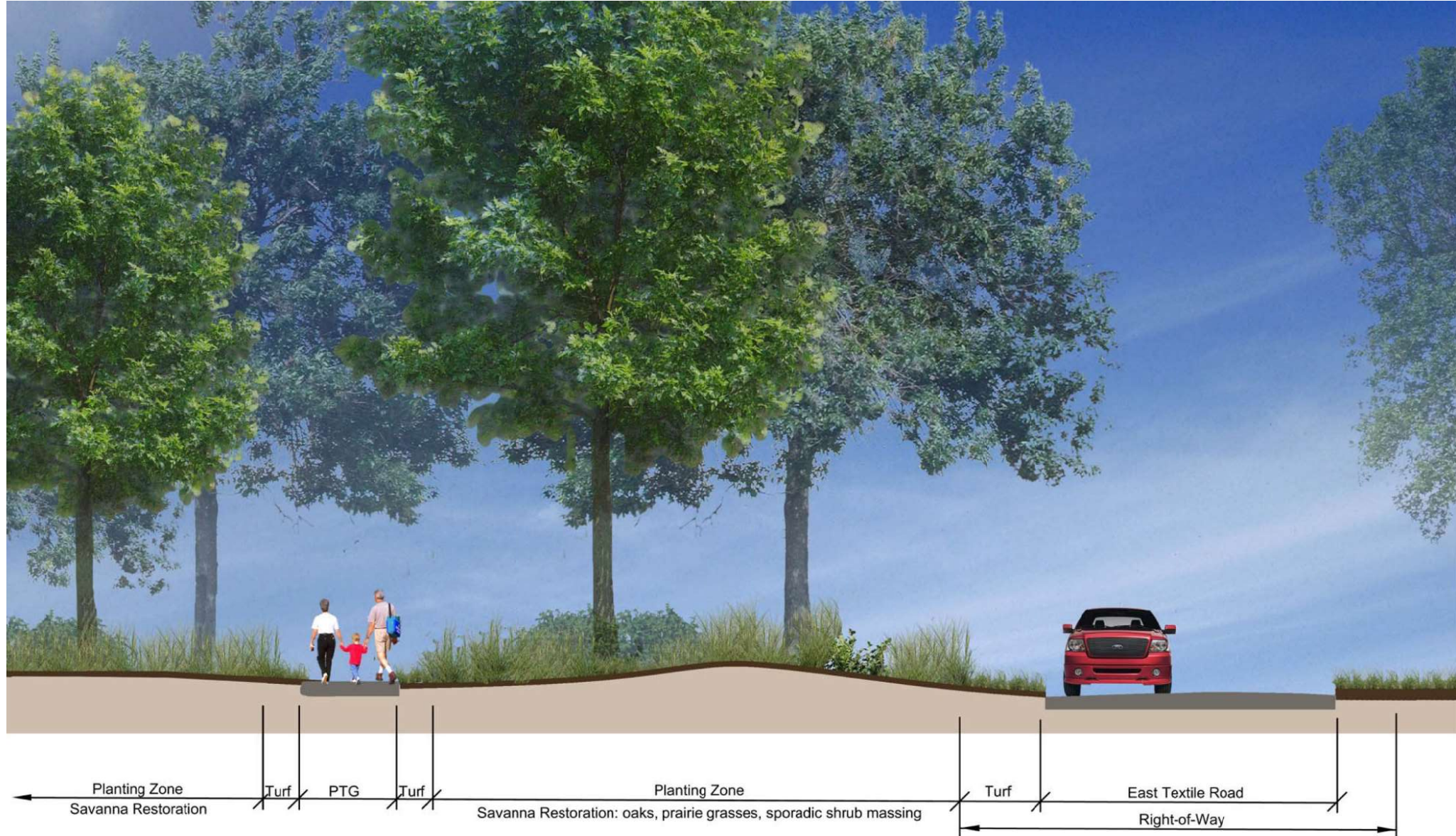


Savanna - late summer

Savanna - controlled burn



Landscape Enhancements



Landscape Enhancements – OPPORTUNITY AREA 1 (Marshview Meadows frontage)



Landscape Enhancements – OPPORTUNITY AREA 1 (Marshview Meadows frontage)



View looking east



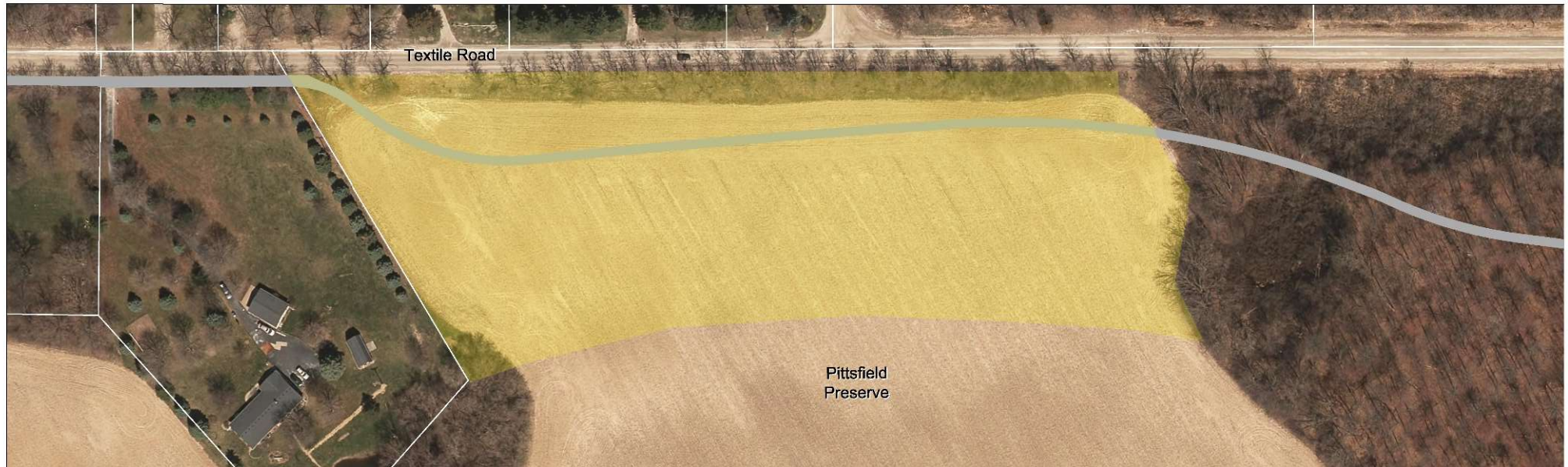
View looking east



Existing bioretention basin adjacent entry drive



Landscape Enhancements – OPPORTUNITY AREA 2 (Pittsfield Preserve)



Landscape Enhancements – OPPORTUNITY AREA 2 (Pittsfield Preserve)



View looking west



View looking east



Remove invasives
within project area



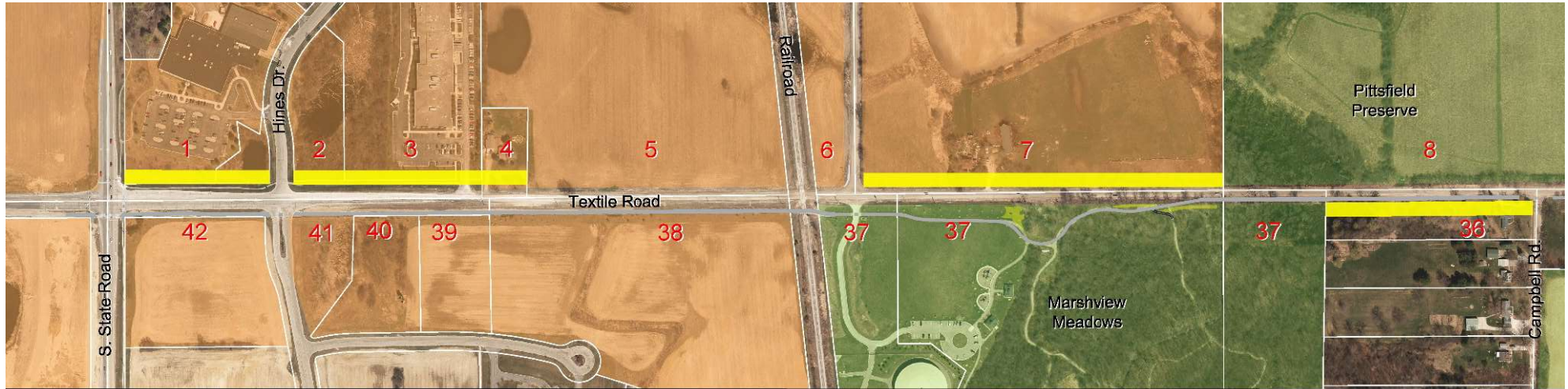
Fill in 'gaps' adjacent Textile Road



2. Textile Road Tree Planting



Textile Road Tree Planting – OPPORTUNITY AREAS (PRIVATE PROPERTY)



 **Tree Planting Opportunities**
with private property owner's cooperation



Textile Road Tree Planting – OPPORTUNITY AREAS (PRIVATE PROPERTY)

Map #	Property Owner	Property Address	Description	Frontage
1	Horiba Instruments Inc.	5900 Hines Dr.	Commercial	520
2	Horiba Instruments Inc.	5900 Hines Dr.	Commercial	180
3	Trinity Heath - Michigan	300 W. Textile Rd.	Commercial	490
4	Carl Ticknor	260 W. Textile Rd.	Residential	160
5	Alfred & Janice Harwood	Textile Rd.	Agriculture	927
	Railroad		Right-of-way	99
6	Alfred & Janice Harwood	Textile Rd.	Agriculture	99
7	Christina Lirones & Stephen Berger		Residential	1285
8	Pittsfield Preserve	Textile Rd.	Public	1323
9	David Good	2355 E. Textile Rd.	Residential	40
10	Christopher & Kylee Claeys	2345 E. Textile Rd.	Residential	93
9	David Good	2355 E. Textile Rd.	Residential	167
11	Therlon & Ann Harris	2397 Textile Rd.	Residential	152
12	Steven Upplegger	2443 Textile Rd.	Residential	237
13	Stephen Colglazier	2485 Textile Rd.	Residential	117
14	Timothy & Terrilyn McManus	5845 Thomas Rd.	Wooded-Vacant	525
15	Zahra Al Attar	Textile Rd.	Wooded-Vacant	882
16	Zahra Al Attar	Textile Rd.	Wooded-Vacant	448
17	Pittsfield Glenn Condos	Textile Rd.	Condo Open Space	360
18	Pittsfield Glenn Condos	Textile Rd.	Condo Open Space	300
19	Jamey Cates, Steven Butler, Michael Smith	Textile Rd.	Wooded-Vacant	340
20	Mark & Carol Thompson	2969 Textile Rd.	Residential	157
19	Jamey Cates, Steven Butler, Michael Smith	Textile Rd.	Wooded-Vacant	168

Map #	Property Owner	Property Address	Description	Frontage
21	Ayoub Tavsir Hasan	Textile Rd.	Residential - vacant	283
22	Michael Lee Bachman	3063 Textile Rd.	Residential	100
23	Joan Bennett	3085 Textile Rd.	Residential	100
24	De Alfaro Digna Navarrette & Jose Alfaro Reyes	3117 Textile Rd.	Residential	100
25	Keith Volk	3151 Textile Rd.	Residential	190
26	Alkhalili	6040 Michigan Ave.	Residential	105
27	Mildred Shankle	6094 Michigan Ave.	Residential	858
28	John Shankle	2992 Textile Rd.	Residential	147
29	Sisu Investments	2972 Textile Rd.	Residential	92
30	Eastern Michigan University	Textile Rd.	Public	280
31	Washtenaw County Parks	Textile Rd.	Public	369
32	Pittsfield Preserve	Textile Rd.	Public	435
33	Pittsfield Preserve	Textile Rd.	Public	2475
34	Kevin & Janet Nevaux	2350 Textile Rd.	Residential	187
35	Cemetery	Textile Rd.	Public	211
36	Chester Borucki	6014 Campbell Rd.	Residential	754
37	Pittsfield Marshview Meadows	Textile Rd.	Public	1813
	Railroad		Right-of-way	
38	Wacker Chemical Corp.	Textile Rd.	Agriculture	1064
39	Avis Farms South	McDowell Place	Agriculture	250
40	Avis Farms South	McDowell Place	Agriculture	234
41	Avis Farms South	McDowell Place	Agriculture	260
42	Avis Farms South	McDowell Place	Agriculture	594



3. Green Infrastructure – Stormwater



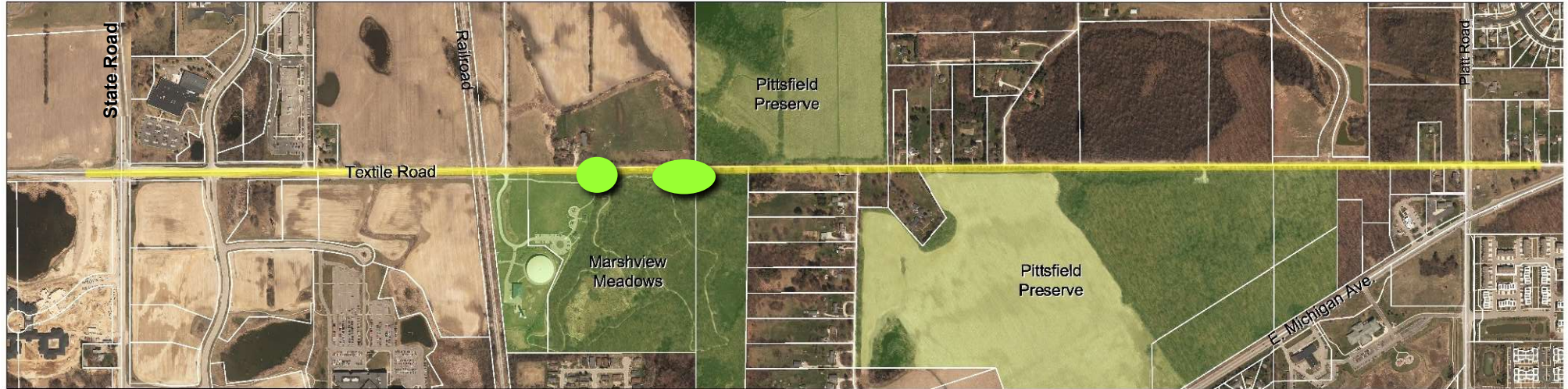
\$46,500 awarded to Pittsfield Township for rain gardens and bioswales adjacent to the Platt – Textile Greenway.

[illegible]

Award letter



Green Infrastructure – OPPORTUNITY AREAS



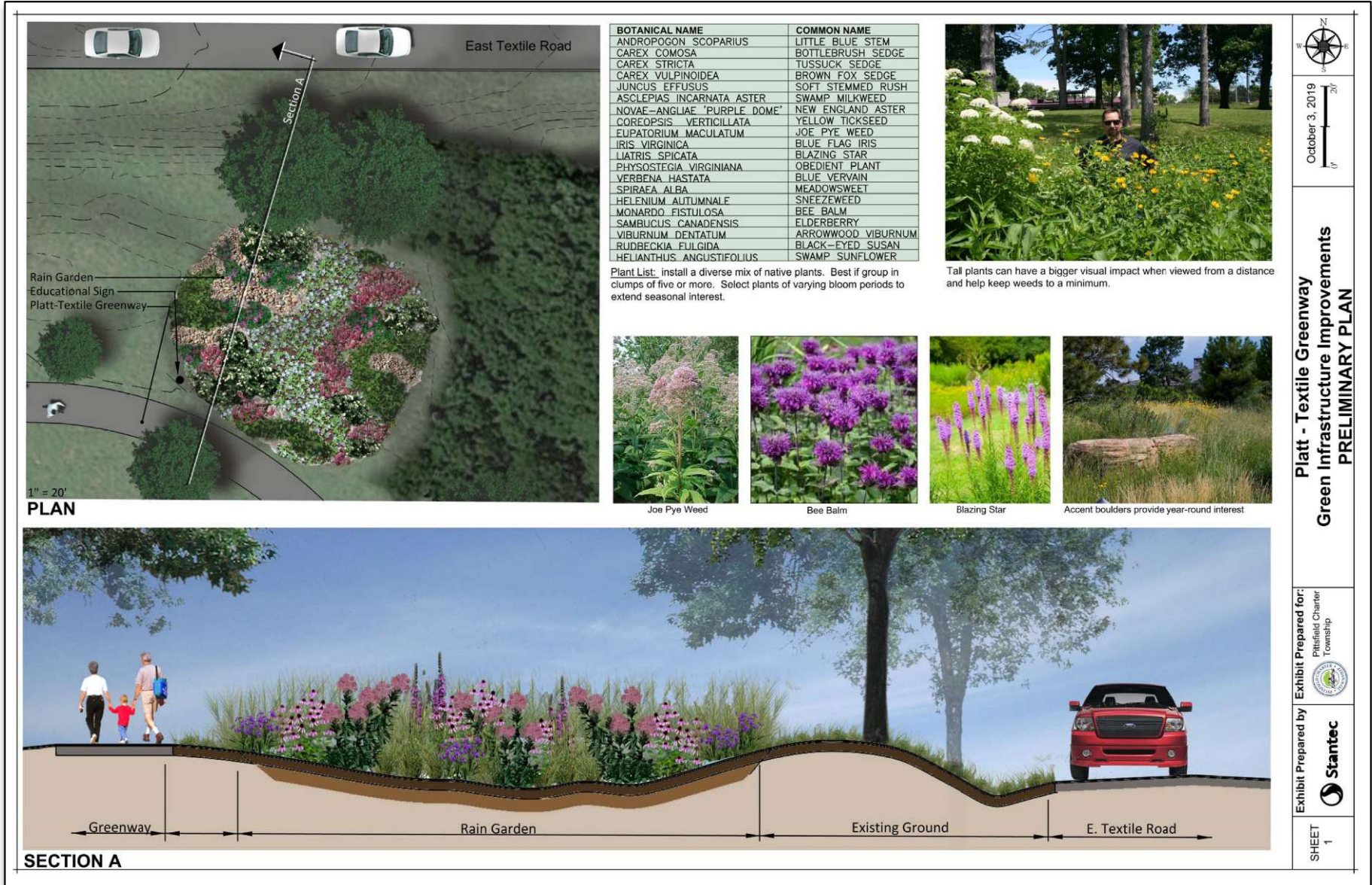
Rain Garden



Bioswales



Green Infrastructure – CONCEPT PLAN



Platt - Textile Greenway
Green Infrastructure Improvements
PRELIMINARY PLAN

October 3, 2019

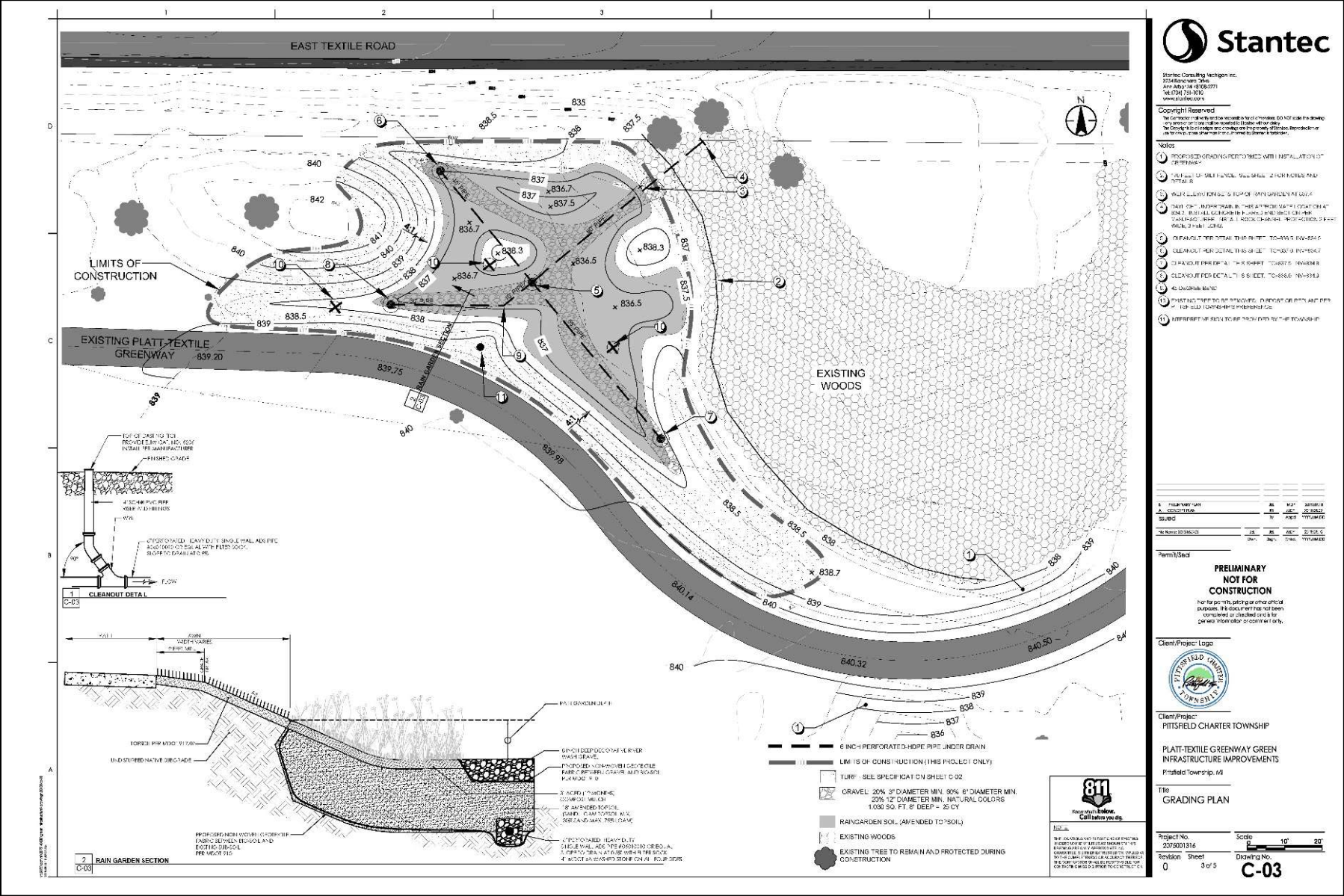
Exhibit Prepared for:
Pittsfield Charter Township

Exhibit Prepared by:
Stantec

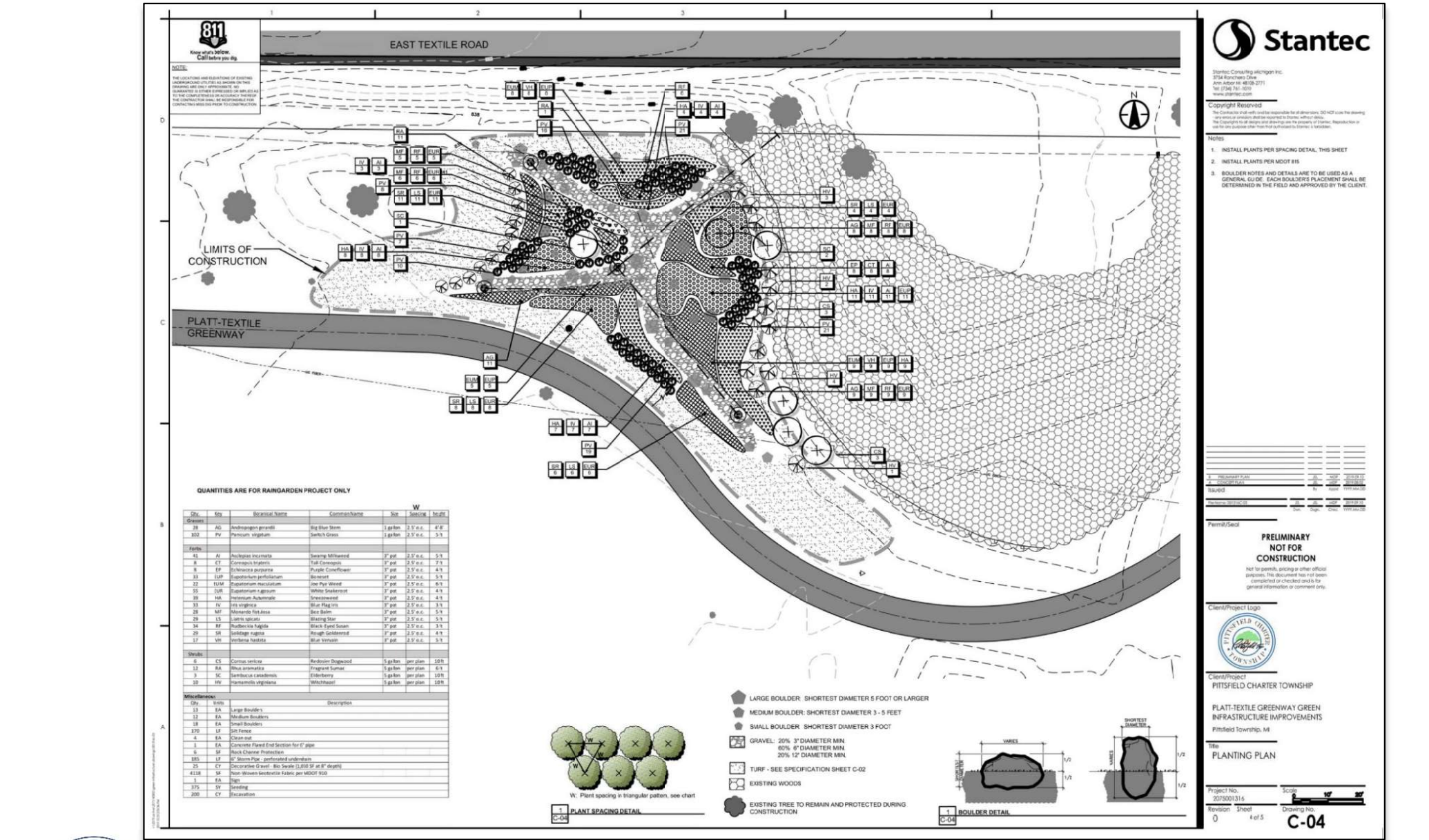
SHEET 1



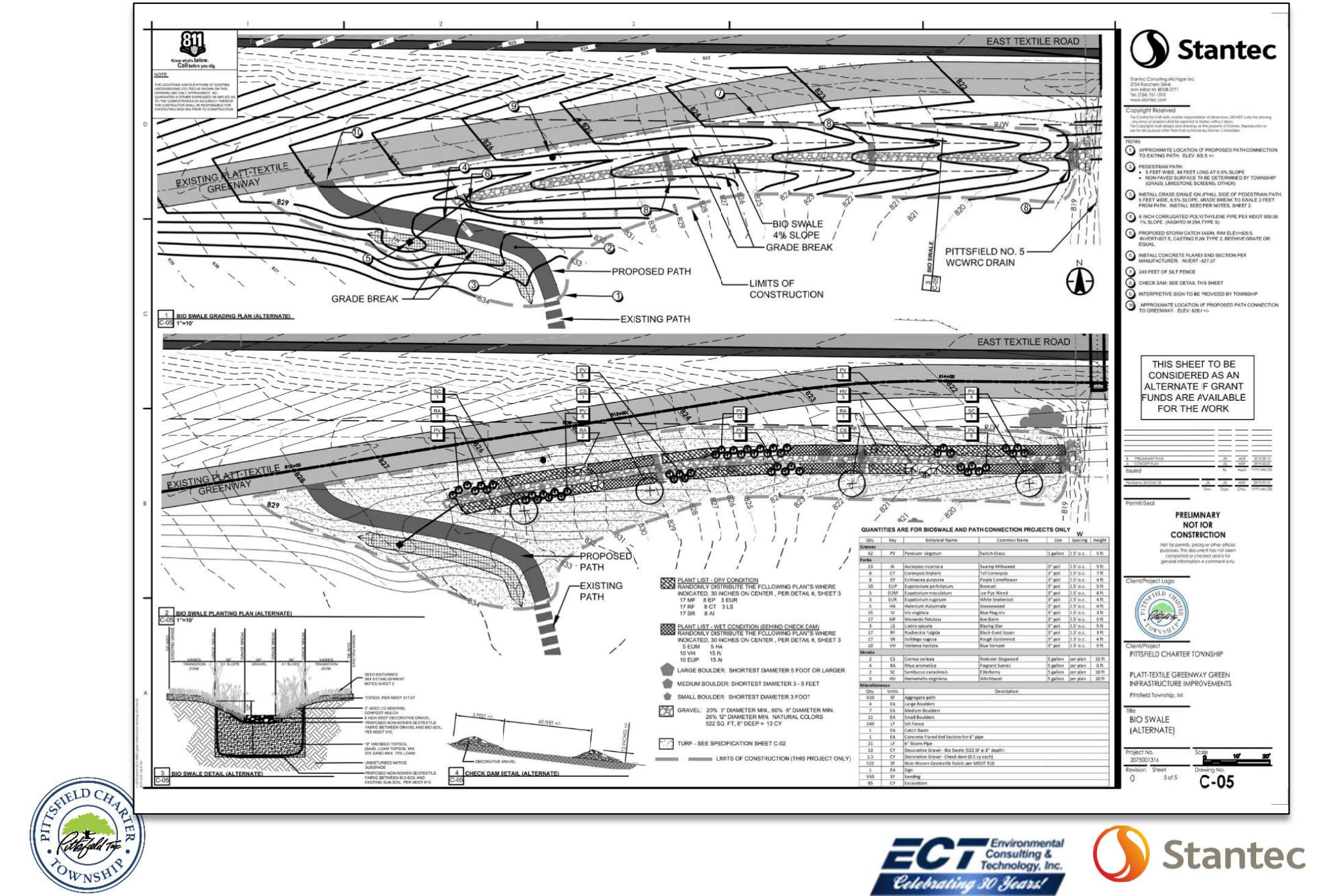
Green Infrastructure – GRADING PLAN



Green Infrastructure – LANDSCAPE PLAN



Green Infrastructure – BIOSWALE GRADING AND LANDSCAPE PLAN



DRAFT PLAN



 Landscape Enhancements

 Textile Road Tree Planting

 Green Infrastructure



Questions

