

South Jersey Transportation Authority

Environmental Excellence in Transportation

“The R.E.A.D.I. Project - Living with the Land”



Cover photos

1. Pollinator seed mix; [
2. Atlantic City Expressway Pollinator Habitat;
3. American Kestrel habitat install;
4. Atlantic City Expressway Wildflower and pollinator installs, east west roadway median;
5. “ACX Witness Tree”, 300 years old, preserved adjacent to the Interchange #41 construction;
6. Wildlife fencing;
7. Photo from trail cams placed at entrances to “crossings”;
8. Osprey Habitat install at Interchange #17 retention pond;



stew·ard·ship ['st(y)ooərd,SHip]

Stewardship is an ethic that embodies the responsible planning and management of resources, as applied to the environment and nature;

Environmental stewardship refers to responsible use and protection of the natural environment through conservation and sustainable practices;

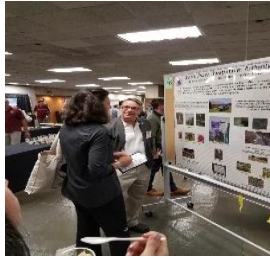
R.E.A.D.I. Project

‘Roadway Environmental Advancement Initiative’ was conceived to be the overarching management tool for all the Expressway’s environmental initiatives. It is directly managed by two Operations Project Managers, Nicholas Marchese and John McDonnell. In 2018 they completed the Rutgers University Environmental Stewardship course and were invited to present the READI project at the Northeastern Transportation & Wildlife Conference held at the University of Massachusetts Amherst in 2018.

The READI Project has also been recognized by the International Bridge, Tunnel & Turnpike Association by receiving a Toll Excellence Award for contributing to the advancement of the worldwide toll industry.

ENVIRONMENTAL STEWARDSHIP

1. Project Management



- Two Project Managers assigned to the program
- Instruction received, and certifications awarded

2. Landscaping

- Wildflowers



- Pollinator mix
- Aesthetic non-invasive annuals (cosmos)
- Reduced mowing areas, to twice annually in some locations

3. Trees (Arbor Day & Earth Day Programs)

- Elementary School Outreach



- In-school presentation, via PPT;
- Tree planting, student participation;
- ACX placement of decorative indigenous trees;
- SJTA Stewardship Mascot Farley T. Fox appearance;

4. Penrose Canal Park



- Mowing, trees, landscaping, fishing pier, A.C. '48 Blocks' partnership mural;

5. Habitats

- Birds (habitat construction and placement)



- American Kestrel;
- Osprey;
- Blue bird;
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- Bats



- N. American Brown bat;

- Bugs



- Monarch butterfly house;
- Milkweed planting areas, for Monarchs;

- Partners / Stakeholders



GCIT and CCIT regional county vocational schools for construction of habitats; we supply materials, they construct.
Butterfly boxes painted by elementary schools that receive the Arbor/ Earth Day presentation and houses; *(photo)*

6. Trail cams



➤ Safe corridor for crossing under roadway *(cam photos)*

7. Storm water management



- Retention / detention ponds, etc. maintenance of these structures
- Clean water / preservation of natural drainage