



INDIANA DEPARTMENT OF TRANSPORTATION

Driving Indiana's Economic Growth

Design Memorandum No. 20-10

July 6, 2020

TO: All Design, Operations, and District Personnel, and Consultants

FROM: /s/Katherine Smutzer
Katherine Smutzer
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SUBJECT: Seed Mix & Mulching Updates

REVISES: 17-4.10, 17-4.10(01) thru 17-4.10(04), and 17-4.10(06) thru 17-4.10(08)

EFFECTIVE: Immediately

Design manual edits in Chapter 17, section 17-4.10 Seeding and Sodding reflect the changes, additions, and deletions of seed mixes in RSP 621-R-697, Seed Updates. The RSP was revised September 19, 2019 and took effect for projects lettings on or after March 1, 2020.

The design manual edits include guidance on:

- when to use the new seed mixes, Shade Mix and Floodplain mix, and
 - Floodplain mix should be used in conjunction with Indiana Department of Natural Resources (IDNR) Construction in a Floodway permit. Designers will need to submit Floodplain mix to Ecology and Waterway permitting along with IDNR permit application for review and acceptance of use based on land topography.
 - Shade mix should be utilized in areas where shade is expected to cover the ground for more than 5 hours per day. Areas where this might occur:
 - when tall forested areas sit adjacent proposed seeded areas
 - under bridges that do not require environmentally regulated seed mixes
- proper placement of mulching methods and pay item use for mulching material and erosion control blankets.

Pay Items

Pay Item	Pay Item Description	Unit
New pay items created in conjunction with RSP 621-R-697		
621-12612	SEED MIXTURE FLOODPLAIN	LBS
621-12613	SEE MIXTURE SHADE	LBS
For project lettings on or after March 1, 2020, pay items below should no longer be used.		
621-01956	SEED MIXTURE LEGUME, 1	LBS
621-01371	SEED MIXTURE LEGUME, 2	LBS
621-02468	SEED MIXTURE GRASS, 1	LBS
621-01743	SEED MIXTURE GRASS, 2	LBS

The revised IDM sections are included for reference and summarized below.

Section	Revision Summary
17-4.10	Revised to add guidance for mulching and erosion control pay items.
17-4.10(01)	Revised to add guidance for mulching and erosion control pay items.
17-4.10(02)	Revised to add guidance for mulching and erosion control pay items.
17-4.10(03)	Deleted seed mixture type d, and added seed mixture shade.
17-4.10(04)	Seed mixture floodplain content added, affected subsequent section numbers. Moved seeding for environmental mitigation moved to 17-4.10(06)
17-4.10(05)	Was not revised.
17-4.10(06)	Seeding for environmental mitigation was previously in section 17-4.10(06). Revised guidance on seed mixtures.
17-4.10(07)	Assigned new section number as a result of adding seed mixture floodplain content.
17-4.10(08)	Assigned new section number as a result of adding seed mixture floodplain content.

Questions should be directed to Shawn Slaymon sslaymon@indot.in.gov.

Effective Date: Immediately to reflect RSP 621-R-697 Seed Updates.