

## Accessing AASHTOWare Utilities

To access AASHTOWare Project, select the **AASHTOWare Project** icon on the My GDOT homepage.

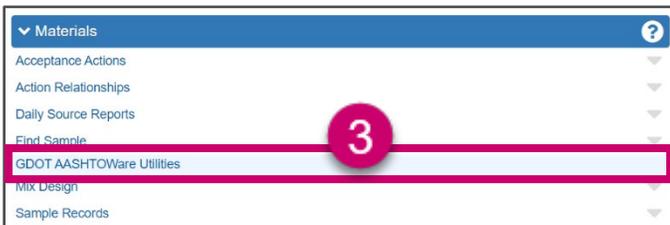
Alternatively, you may select the link below to access the AASHTOWare Project site:  
<https://trnsport.dot.ga.gov/Account/LogOn?ReturnURI=%2E>

### Note

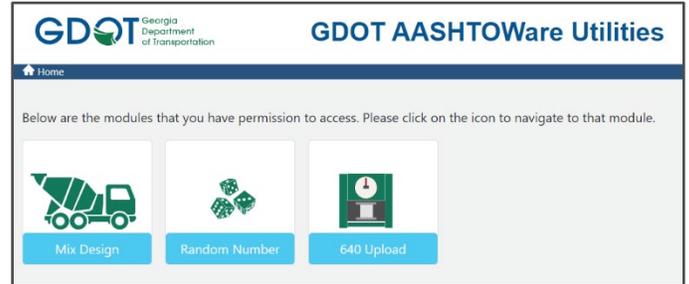
1. Enter your **Username**, **Password**, and select the **profile type**.
2. Select **Log On**.



3. Under the Materials component, select **GDOT AASHTOWare Utilities**.



The GDOT AASHTOWare Utilities splash page will be displayed.



4. Select the **Mix Design** icon.



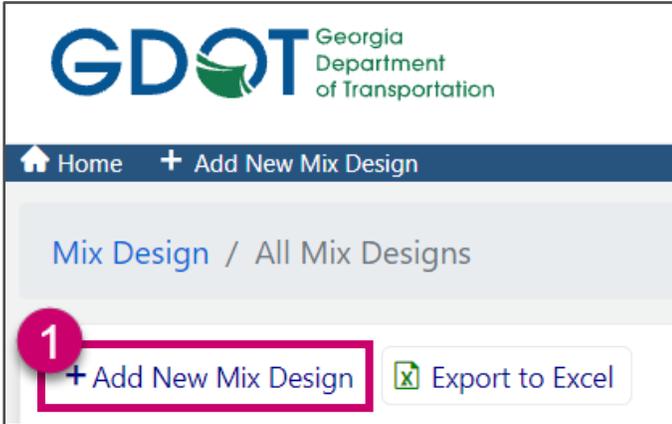
The Mix Design site will appear with a list of all previously created mixes.

Mix Design / All Mix Designs		
+ Add New Mix Design   Export to Excel		
Year	PS Name	Created By
2021	Thomas Concrete, Inc.- Canton, GA	Neerav Saxena
2021	Argos Ready Mix-Cartersville, GA	Neerav Saxena
2022	Greater Savannah Concrete-Savannah, GA	Jerry W. Browning



## Generating a Mix Design

1. Navigate to the upper-left hand corner and select **Add New Mix Design**.



2. Select a **mix year**.



3. A bottom field becomes available. Input the **P/S code** and select it from the type-ahead drop-down menu.



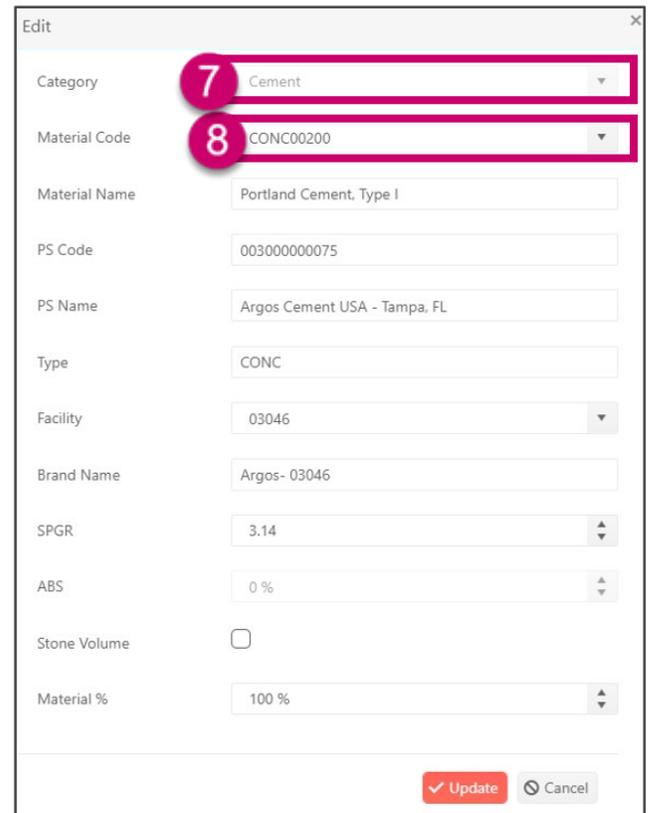
4. Select **Next**.



5. Locate and select **Add New Material**.



6. The Edit dialogue box will appear.
7. In the top field, select the material **Category**.
8. In the second field, start typing in the **Material Code**. All the suppliers that produces the material will be displayed. Select from the results.
9. The additional fields will be filled.



If necessary, adjust the Specific Gravity (**SPGR**), **%ABS**, and the **Material %** for the material of the selected category used in your mix.

**Note**

10. Select **Update**.



To add additional materials such as stone, sand primary, and sand to your mix, repeat [steps 6 through 11](#).

**Note**

11. Select **Next**



12. To add a new concrete class, fill in the **Mix Details** in the optional upper fields or select + **Add New Concrete Class**.

Year / PS	Materials	Mix Details
Fly Ash (Lbs)	Slag (Lbs)	Water (Gal)
Air LL (%)	Air UL (%)	Slump (in)
		Slump LL (in)

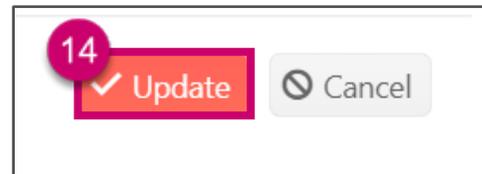


If + **Add New Concrete Class** is selected, the optional mix detail fields that were filled in will be filled in on the Concrete Class dialogue box.

**Note**

13. Fill in all applicable fields.

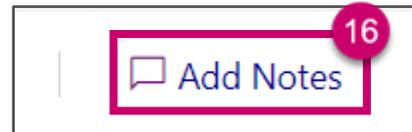
Concrete Class	Stone (Vol)
Special Mix	Stone (Lbs)
Effective Date	Max Water (Gal)
Cement (Lbs)	Water Reducer
Fly Ash (Lbs)	Air (L1)
Slag (Lbs)	Air (L2)
Water (Gal)	Retarder
Air (%)	Slump (in)
Sand Primary (Vol)	Slump LL (in)
Sand Primary (Lbs)	Slump UL (in)
Sand Blend (Vol)	Fiber (Lbs)
Sand Blend (Lbs)	PSI



15. Choose your mix details.

	Concrete Class	Special Mix	Effective Date
<input checked="" type="checkbox"/>	CONC00015	<input type="checkbox"/>	09/29/2021

16. Comments may be added to the mix design by selecting the **Add Notes** button.



17. Select **Generate Mix Design**.



You have the option to select **Generate Mix Design** or **Approve Mix Design**. Selecting Approve Mix Design will generate and approve your mix design.

**Note**

## Approving a Mix Design

- On the **Mix Details** area of creating a mix design, select the mix design you would like to approve.

	<input type="checkbox"/>	Concrete Class	Special Mix	Effective Date
	<input type="checkbox"/>	CONC00015	<input type="checkbox"/>	09/29/2021
	<input checked="" type="checkbox"/>	CONC00020	<input type="checkbox"/>	09/30/2021

- Select **Approve Mix Design**.

- Approved mix designs can be found on the Mix Design page, whose link can be located under the Materials component of the AASHTOWare Project dashboard.

- Materials
- Acceptance Actions
- Action Relationships
- Daily Source Reports
- Find Sample
- GDOT AASHTOWare Utilities
- Mix Design**
- Sample Records

- On the **Mix Design Overview** page, select a Mix Design.

test	SUP	ASPH00190
mix1	MAR	ASPH00090
TEST2	SUP	ASPH00100
TEST_RT	SUP	ASPH00100
Test_RT2	SUP	ASPH00010
Test_RT3	SUP	ASPH00010
MX000281A1	MAR	CONC00050
Mix Design ID	Mix Type	Material Code
MX000281A2	MAR	CONC00050

The Mix Design results will be displayed.

## Copying a Mix Design

- From the Mix Design homepage, select the **View** button next to the corresponding mix design.

	<input type="button" value="Delete"/>	<input type="button" value="View"/>
	<input type="button" value="Delete"/>	<input checked="" type="button" value="View"/>
	<input type="button" value="Delete"/>	<input type="button" value="View"/>

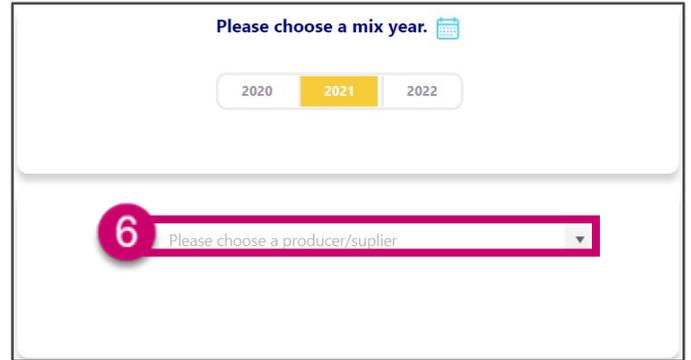
- In the upper-right corner, select **Copy Mix Design**.

Plant Location

3. The **Copy Mix Design** dialogue box will be displayed.
4. **Choose a mix year to copy.**
5. Select **Copy**.



6. You will be prompted to select the P/S code as if you are creating a new mix design.



7. The materials in the concrete class will be copied. Continue to follow the steps [4 through 17 of Creating a Mix Design](#) to adjust as needed.