

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.

Contract Contex Contract Contract Contract Contract Contract Contract Contract

4. Select the Mix Design icon.



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

| Mix Desig | g <mark>n /</mark> All M | tix Designs | |
|-----------|--------------------------|--|-------------------|
| + Add Ne | w Mix Desi | ign 🗵 Export to Excel | |
| Year | T | 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 |



Sorting Mix Designs

1. Select the column header once, and the column information will sort ascending.

| Year 🕇 🗲 | 1 ame | T |
|----------|--|---|
| 2015 | B.H. Hall Ready Mix Concrete Inc Jeffersonville | |
| 2019 | E. Coast Erosion Control Blankets, LLC-Bernvll, PA | |
| 2020 | Argos Ready Mix - Buford, GA | |

2. Select the column header twice, and the column information will sort descending.

| Year 🕴 📕 | 2 ^{1e} | T |
|----------|--|---|
| 2022 | Greater Savannah Concrete-Savannah, GA | |
| 2022 | Argos Ready Mix - Buford, GA | |
| 2021 | Thomas Concrete, Inc Canton, GA | |

Filtering Mix Designs

- 1. Select the filter icon.
- 2. Type in your search criteria in the filter field and select Filter.



Viewing an Existing Mix Design

1. Select the View button next to the corresponding mix design.



2. The Producer/Supplier, Materials, and Mix Details will be displayed.

| Producer/ | Supplier | | | | | | | | | | | | | | | | | | CODY M | br Design |
|----------------|------------------------------|----------------|---|-----------------|--|---------------|-----------|----------------------------|----------------|------------------------|---------------------|--------------|------------|------------------------|------------------|--------------|----------|--------------|-----------|-----------------|
| No. | | | PEN | | | | | BG | a dar | | | Plant | Name | | | P | miline | film: | | |
| 2021 | Agas Ready Min-Brunswick, GA | | | | 1050 | 1 | | | 119 | od Ready Mix-Br | snowick GA | | 3 | 08 Tour | g Lone: Brunow | ek: GA 31526 | | | | |
| Materials | | | | | | | | | | | | | | | | | | | | |
| Category | Mater | atote Ma | terial Name | | | | 150 | dr | | PEName | | | | Trpe | SPGR | \$485 | | Stone Volume | | Hanarial 5 |
| 0005 | CON | 200200 Pe | mand Cement | Type I | | | 000 | 00000076 | | Arges US U.C. S | avarnah, 64 | | | 00140 | 3, 4 | 0 | | 0 | | 102 |
| 0000 | KIX | 0 1719 | nation Appropriate Date they crient Concredie | | 82.962 George Stees Products, LIC + CB | | henry GA | | AGED | 0 | 0 | | • | | 103 | | | | | |
| 1001 | 400 | 2015) D | ated Appropri | e Beer-Betyc | in Come | de: | 000 | NUMBER | | Star in Matiella | - Geboar, TN 18 | 90 | | AGET | 0 | 0 | | 0 | | 94 |
| н к (1 |) × × | 20 * | itoms per pe | iĝo | | | | | | | | | | | | | | | 1-4:64 | tems (|
| Mix Detai | ls | | | | | | | | | | | | | | | | | | | |
| llass Concrete | Special MIX | Effective Date | Canoni (Lbs) | fly Ash (Ebd | Sila (Lb5) | Water (S20 | 44 (3) | Saadi Delimary (Mol) | Nimary Dist | Send Blond (Vol) | Sand Blond (Lbs) | 51002 (MM | Stone Lbst | Real Water (S2I) | Wator Reducer | A) (LL) | Ak RU | Retarder | Sump (in) | Siump UL (n) |
| 0010000015 | 0 | 05/25/2521 | 28 | 0 | 0 | 10 | 20 | 20.16 | 0 | 0 | 0 | 0 | | 15 | O | 0 | 0 | C | 0 | 0 |
| | 0 | 40.00.000 | 15 | | | - | | 20.02 | | 122 | | | | | 0 | | 10 | E | -12 | |

3. To navigate back to the Concrete Mix Design homepage to select a different mix, select the **Mix Design** link located in the upper-left hand corner.





Generating a Mix Design

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

| GD T Georgia Department of Transportation | | | | | | |
|---|--|--|--|--|--|--|
| 📅 Home 🕂 Add New Mix Design | | | | | | |
| Mix Design / All Mix Designs | | | | | | |
| + 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.

| | Please choose a mix year. 🚞 |
|----|--------------------------------|
| | 2020 2021 2022 |
| | |
| PI | ease choose a producer/suplier |
| | 3 |
| | |

4. Select Next.



5. Locate and select Add New Material.

| Producer/Supplier In | formation | | |
|-----------------------|-----------------|--------|----------------------------------|
| Mix Year: 2021 | | PS Nan | ne: Argos Ready MixBrunswick, GA |
| Year / PS | Materials | | Mix Details |
| 5 Add New Material | Export to Excel | | |

- 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.

| Edit | | |
|---------------|------------------------------|-----------------|
| Category | 7 Cement | Ŧ |
| Material Code | 8 CONC00200 | v |
| Material Name | Portland Cement, Type I | |
| PS Code | 00300000075 | |
| PS Name | Argos Cement USA - Tampa, FL | |
| Туре | CONC | |
| Facility | 03046 | v |
| Brand Name | Argos- 03046 | |
| SPGR | 3.14 | Å. T |
| ABS | 0 % | A V |
| Stone Volume | 0 | |
| Material % | 100 % | ÷ |
| | ✓ Update | ⊘ Cancel |

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.



13. Fill in all applicable fields.

| Concrete Class | | | Stone (Vol) | |
|--------------------|-----------|---|-----------------|------|
| Special Mix | D | | Stone (Lbs) | |
| Effective Date | 9/29/2021 | Ê | Max Water (Gal) | |
| Cement (Lbs) | | | Water Reducer | |
| Fly Ash (Lbs) | | | Air (LL) | |
| Slag (Lbs) | | | Air (UL) | |
| Water (Gal) | | | Retarder | |
| Air (96) | | | Slump (in) | |
| Sand Primary (Vol) | | | Slump LL (in) | |
| Sand Primary (Lbs) | | | Slump UL (in) | |
| Sand Blend (Vol) | | | Fiber (Lbs) | |
| Sand Blend (Lbs) | | | PSI | 3000 |
| | | | | |



15. Choose your mix details.



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



17. Select Generate Mix Design.





Approving a Mix Design

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

| ų | \Box | Concrete Class | Special Mix | Effective Date |
|-------|------------|----------------|----------------|----------------|
| | \bigcirc | CONC00015 | | 09/29/2021 |
| 2 / X | | CONC00020 | \bigcirc | 09/30/2021 |

2. 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 | ~ |

4. On the Mix Design Overview page, select a Mix Design.

| Mix Design Overview | | | | - 3 |
|---|---------------------------|-------------|----------------------------|-----------|
| Q Type search criteria or press Enter | Advanced Showing 10 of 52 | | | |
| | | | | 0 changed |
| test | SUP | | ASPH00190 | - |
| mix1 | MAR | | ASPH00090 | - |
| TEST2 | SUP | | ASPH00100 | • |
| TEST_RT | SUP | | ASPH00100 | - |
| Test_RT2 | SUP | | ASPH00010 | - |
| Test_RT3 | SUP | | ASPH00010 | - |
| MX0005281A1 | MAR | | CONC00050 | • |
| Mix Design ID MX0005281A2 | Mix Type MAR | Description | Material Code CONC00050 | • |

The Mix Design results will be displayed.

| Mix Design: MX000 | | | | - 6 |
|---------------------------------------|--|---|---|-----|
| General | Mix Design ID • | | Remarks | |
| Component Materials | MX0005281A1 | | 1 | |
| Contracts | Міх Туре | | Approval Date | |
| Specifications | MAR - Marshall Mix Design | | | |
| SMFMI | Description | | Approved By | |
| | | Q | Q Begin typing to search or press Enter | |
| | Material * | | Effective Date | |
| | Q CONC00050 | | | |
| | Class A Concrete | | Expiration Date | |
| | Source | | | |
| | Q 09957 | | Status | |
| | Oldosate Precast, Inc Stone Mountain, GA | | | |
| | Facility | | Active | |
| | Q. Begin typing to search or press Enter | | No | |

Copying a Mix Design

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

| | × Delete | 🗷 View |
|---|----------|--------|
| ľ | × Delete | 🗷 View |
| | × Delete | I View |

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





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

| Copy Mix Desi | qn | | | × |
|---------------|-----------------|---------------|-----------------|------|
| | Please cho | ose a mix ye | ar to Copy. | |
| | 2020 | 2021 | 2022 | 4 |
| Ą | ire you sure yo | ou want to Co | ppy Mix Design? | |
| S Cancel | | | 5 | Сору |

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

| | Please choose a mix year. 🚞 |
|--------|------------------------------|
| | 2020 2021 2022 |
| | |
| 6 Plea | se choose a producer/suplier |
| | |
| | |

 The materials in the concrete class will be copied. Continue to follow the steps <u>4 through 17 of Creating a Mix Design</u> to adjust as needed.