Plans Distribution.
A process summary.

Jamie Waller, P.E. | Assistant Director of Construction.
Step 1.
Print shop receives the plans from design.

Step 2.
Print shop prints the plans.

Printing Cost / Year
$175k – $225k
(Does not include shipping)
Step 3.
Plans [full size included] are sent to regions and mailed overnight to contractor.

Process Disruption.
Revision is issued.
Step 1a.
Print shop receives the revised sheets from design.

Print shop prints the revised sheets.
Step 2a. Revised sheets [full size included] are sent to regions and mailed overnight to contractor.
Repeat steps. For every plan set and revision.
Summary.

1. Process is long and outdated.
2. Overnight shipping is expensive.
3. An unavoidable delay in receiving plans and/or revisions.
Goodbye Paper,

Hello PlanGrid
PlanGrid

• Plans collaboration software designated by the Department

• Houses all plans and contract related documents in a singular location

• Distribute revisions within minutes
How does this work?

Great Question!!!
Step 1: Create the Project
Step 2: Upload Sheets
Step 2: Upload Sheets
### Step 2: Upload Sheets

<table>
<thead>
<tr>
<th>Sheet Number</th>
<th>Sheet Thumbnail</th>
<th>Sheet Title</th>
<th>Tags</th>
</tr>
</thead>
<tbody>
<tr>
<td>4B</td>
<td></td>
<td>PROPOSED LAYOUT</td>
<td>+ Add new tag</td>
</tr>
<tr>
<td>4C</td>
<td></td>
<td>PROPOSED PROFILE</td>
<td>+ Add new tag</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>PRIVATE DRIVE AND FIELD ENTRANCE PROFILES</td>
<td>+ Add new tag</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>EROSION PREVENTION &amp; SEDIMENT CONTROL (EPSC) PLANS</td>
<td>+ Add new tag</td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>SIGNING AND PAVEMENT MARKING PLANS</td>
<td>+ Add new tag</td>
</tr>
</tbody>
</table>
Step 2: Upload Sheets
Step 3: Add Team Members
Oh no! We need to issue a revision!
Step 1a: Open Project

CNT### - PIN########## - DAVIDSON

Project code: None
Status: None
Address: None
Step 2a: Upload Revised Sheets
Hello,

1 new drawing(s) in version RFC (Segment 1) West Non-Widening Rev 8-5-19 have been posted to DB1701 - I-440 Reconstruction - Davidson.

Sync PlanGrid on your mobile device to get the latest set, or click here to view the version RFC (Segment 1) West Non-Widening Rev 8-5-19 in your browser.

Need help? Chat with us.
Wait there's more!
Request's for Information (RFI's)

Upgrade to Advanced RFIs
With PlanGrid's Advanced RFIs, close the loop between the field and office to resolve questions faster.

LEARN MORE

RFI Log (9)

Filtering
Filter by Attributes
- Number
- Title
- Question/Answer

Filter By User
- Created by
- Assigned to
- Unassigned

Filter By Due Date
- Start
- End

Filter By Status
- Draft
- Open
- Closed
- Vacant
- New

Sort by RFI Number

#9  Survey Data on Bridges 5 and 6  Open  Ford Construction needs to verify the angles.
#8  Ramp F Alignment missing curve data  Closed  On Sheet 2F1 curve data for Ramp F is missing.
#7  RFI  Vacant  CAN I DO ANY RFI.
#6  RFI Test  Vacant  No Question Asked
#5  Untitled  Vacant  No Question Asked
### Document Management

A screenshot of the Document Management feature in a construction app shows a list of documents categorized under 'Contract', 'Geotech Report', 'Permits', 'Standardization Document', and 'Utility Contracts'. Each category contains a list of documents with their respective dates of modification. For example:

- **Contract**: 09/18/2018
- **Geotech Report**: 09/18/2018
- **Permits**: 09/18/2018
- **Standardization Document**: 09/18/2018
- **Utility Contracts**: 09/18/2018

This interface allows for easy access and management of project-related documents.
Field Reports

Your reports live here
Click 'New Report' to get started. Or you can use the PlanGrid App to fill out your first report.
Field Reports

(Sample) Daily Report

Daily Report

Project: CNT016 - 101345.02 - OBION

Date: Jul 15, 2019

Weather

Temp

Trade | Work Performed | People | Hours

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Tasks

- Survey Discrepancy
  - Status: Open
  - Assigned to: SD
- Survey Discrepancy
  - Status: Open
  - Assigned to: SD
- Verify Grade
  - Status: Open
  - Assigned to: VG
Submittals

Design and Submittal Baseline CPM

Published by Clayton Markham (R3 Major Projects)
Sep 13, 2018, 01:09 PM

Information

Status: Published
Submitter: Clayton Markham (R3 Major Projects)
Manager: Clayton Markham (R3 Major Projects)
Reviewer: shay deanon (TDOT Operations)

Files

GENERAL-PROJ-LET-0002.00.00.01_TDOTComments.pdf

Items

- Spec section
  - Design and Submittal Baseline CPM

History

Published by Clayton Markham
Sep 13, 2018, 01:09 PM

Clayton Markham updated the following package details: John Rahm was added to the watching list.
Sep 13, 2018, 01:09 PM

Clayton Markham updated the following package details: Joseph Heintzman was removed from the watching list.
Sep 13, 2018, 01:09 PM

Clayton Markham updated the following package details: John Rahm was added to the watching list.
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Clayton Markham updated the following package details: Joseph Heintzman was removed from the watching list.
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Photos
TDOT + PlanGrid

- Effective with the March 29, 2019 letting.

- Any contractor awarded a contract must register with PlanGrid prior to the Preconstruction Meeting (excluding no plans contracts).

- All correspondence related to the project or plans revisions and any request for information (RFI) will be communicated through this tool.
Current TDOT Statistics

- 685 Users (State Employees)
- 453 Projects
  - 82,719 Sheets uploaded
  - 300 Photos uploaded
  - 6,932 Documents uploaded
  - 514 Tasks created
  - 39 Request’s for Information submitted
  - 70 Field Reports created
Field Use
Field Use
Field Use
Future

- RFI currently used in construction field offices
  - Push to other divisions to get issues from the field resolved directly by each Division within PlanGrid
Thank you!

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