EFFECTIVE USE OF MOBILE DEVICES IN CONSTRUCTION
MOBILE DEVICES

- SMART PHONES
- TABLETS
- TABLET/LAPTOP COMBO
SMART PHONE ADVANTAGES

• ALWAYS WITH YOU
• VERY VERSATILE
• DURABLE
• ANGRY BIRDS
SMART PHONE DISADVANTAGES

- SMALL SIZE
- LIMITED PROCESSING
- ALWAYS WITH YOU
TABLETS

ADVANTAGES

DISADVANTAGES
TABLET ADVANTAGES

• CONVENIENT SIZE
• PROCESSING POWER
• DURABLE
TABLET DISADVANTAGES

• NO KEYBOARD
• LIMITED MEMORY
• PRONE TO OVERHEATING
TABLET LAPTOP COMBO ADVANTAGES

• ALL THE BENEFITS OF A TABLET WITH THE POWER OF A LAPTOP
OPERATING SYSTEMS
• COMPATIBILITY
• STRICT CONTROL
• INTEGRATION
• SIMPLICITY
• CUSTOMIZABLE
• CHOICE
• VALUE
CURRENT USES IN CONSTRUCTION
WORKING REMOTELY

WORKING FROM HOME TODAY

ANSWERING EMAIL...WITH NO PANTS ON
WORKING REMOTELY

PAST

PRESENT & FUTURE
STRENGTHS, WEAKNESSES, OPPORTUNITIES AND THREATS FOR MOBILE DEVICES IN CONSTRUCTION
STRENGTHS

• COMMUNICATION WITH CUSTOMERS
• NEW TECHNOLOGY AND APPS
WEAKNESSES

• OCCASIONAL GLITCHES
• RELIANT ON THE POWER GRID AND DEVELOPING NETWORKS
• SECURITY VS. UTILITY
OPPORTUNITIES

• CONNECTED = CURRENT
• EFFICIENT; TIME IS MONEY
• DRAW ON THE EXPERIENCE OF OTHERS
THREATS

• PAPERWORK BY ANY OTHER NAME

• CAN BE A DISTRACTION

• AUTOMATION VS DECENTRALIZATION
APPLICATIONS

- Microsoft Outlook
- Skype
- Google Earth
- Trimble
- Bluebeam
- Microsoft OneNote
OneDrive

• CLOUD TECHNOLOGY
• HIGHLY CUSTOMIZABLE
• 1 TB ON OFFICE 365
• SYNC TO HARD DRIVE
• CREATE “FLOWS”
OneDrive – Sync Function

Good afternoon

Apps

- Mail
- OneDrive
- Word
- Excel
- SharePoint
- PowerPoint
- OneNote

Explore all your apps →

Documents

Recent  Pinned  Shared with me  Discover

Upload and Open  New →
# OneDrive – Sync Function

![OneDrive Sync Function](image)

<table>
<thead>
<tr>
<th>Name</th>
<th>Modified</th>
<th>Modified By</th>
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OneDrive – Sync Function
OneDrive – Sync Function
OneDrive – Sync Function

Sync this library to your device for easy access.

Sync now

Get the OneDrive for Business app that’s right for me
OneDrive – Sync Function

Internet Explorer

Do you want to allow this website to open a program on your computer?

Program: OneDrive for Business
Address: grvopen://https_58_47fldot_46sharepoint_46com_47sites_47FDOT_45EM_47wcpb_/aahlA458f22E_45

☑ Always ask before opening this type of address

Allow Cancel

Allowing web content to open a program can be useful, but it can potentially harm your computer. Do not allow it unless you trust the source of the content. What's the risk?
MICROSOFT FLOW

• CREATE AUTOMATION BETWEEN ANY 208 DIFFERENT APPLICATIONS
• BUILD APPROVAL PROCESSES
• SET UP NOTIFICATIONS
ONE NOTE

• ONLINE NOTEBOOK
• ACROSS ALL DEVICES
• SHAREABLE
• CAN INSERT OFFICE FILES
VIDEO CONFERENCING

• GREAT EFFICIENCY
• IF A PICTURE IS WORTH A THOUSAND WORDS WHAT’S A VIDEO?
• 3D VIDEO IS NOW VIABLE OPTION
GOOGLE EARTH

• GREAT FOR PLANS
• REVIEWS
• KMZ FILES OVERLAY SHAPES
GOOGLE EARTH
Internet Browser

- FDOT RESOURCES
- MAC AND MATERIALS
- AD HOC FOR CEI
- SPECS
Internet Browser

- INDEX
- APL
- MANUFACTURER’S RECOMMENDATIONS
- TAX COLLECTOR’S WEBSITE
LOOKING TO THE FUTURE

• 3D PLANS
• AUGMENTED REALITY
• TRIMBLE SITEVISION
• HOLOLENS
CONCLUSION

• GOING PAPERLESS IS HERE
• MOBILE DEVICES ARE IMPROVING EFFICIENCY
• THEY WON’T REPLACE IRL
Questions??????????????????????????????????????????????????

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The End