

Engineering Automation Conference

May 4, 2016

AMG IN LINCOLN CITY

US101: SE23rd Dr – SW35th St

C14654

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Inspirational Quote



"NO!
Try not!
DO or DO NOT,
There is no try."

AMG Overview

- ▣ No formal notice for the use of AMG by contractor
- ▣ Our office had worked with K&E before, knew the capabilities. Relied on grade verification points, no extra steps
- ▣ Our office did not provide anything different. Additional survey/setup by contractor
- ▣ No change to inspection, put spotlight on needs for future to stay in the game

Benefits

Superintendent able to check, verify, replace without having to call in surveyor.

We relied heavily on him for checking

DTM for added work as happening(sub exc.)

Accuracy –

Profile grinding within 0.01 ft of model

No failing confidence point reports, with very high shot density

Less rework

Seems faster, less steps



AMG Work Items

ROUGH GRADING OF :

SUBGRADE

AGG BASE

RETAINING WALLS

SIDEWALKS

PARKING AREAS



AMG Work Items

FINE GRADING:

SUBGRADE

AGG. BASE



AMG Work Items

PROFILE GRINDING:

USED FOR SUPER
CORRECTIONS

LOTS OF SMALL IRREGULAR
AREAS

CONTRACTOR CHECKED BEHIND
GRINDER WITH A TOTAL
STATION, NEVER MORE THAN
0.01 FT FROM MODEL.



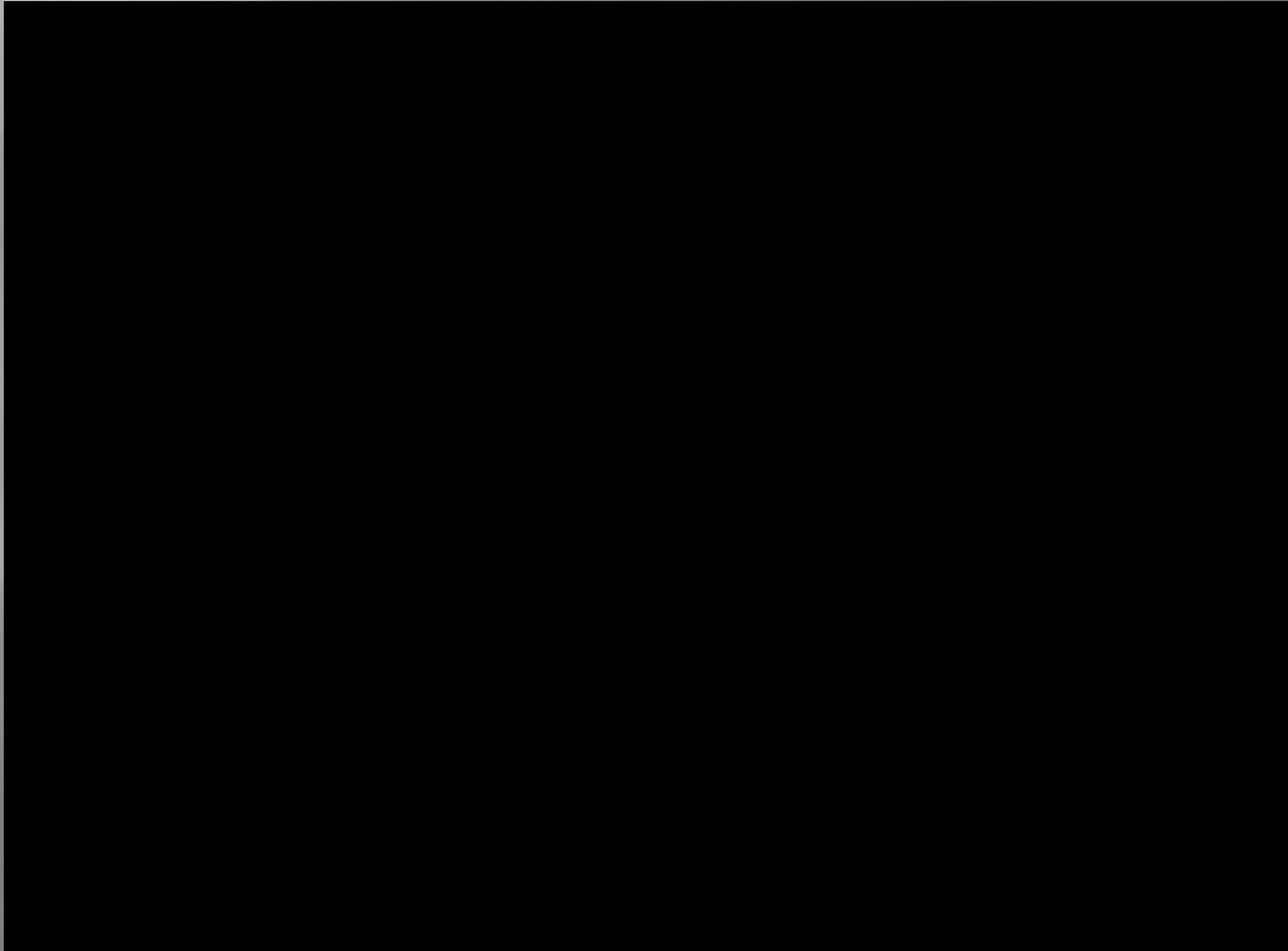
Operator Screen Examples



Operator Screen Examples



Nelscott Strip Reconstruction



STAR

MAY THE 4TH
— BE WITH YOU! —

WARS

***YOUR
TRAINING
IS NOW
COMPLETE***



HINDSIGHT

Those really were the droids you were looking for.