Digs
Project Management Office

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Project Management Supervisor

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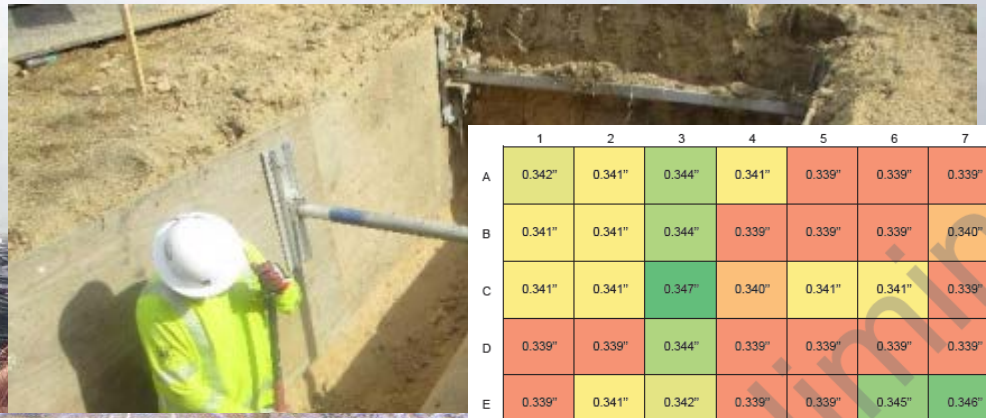
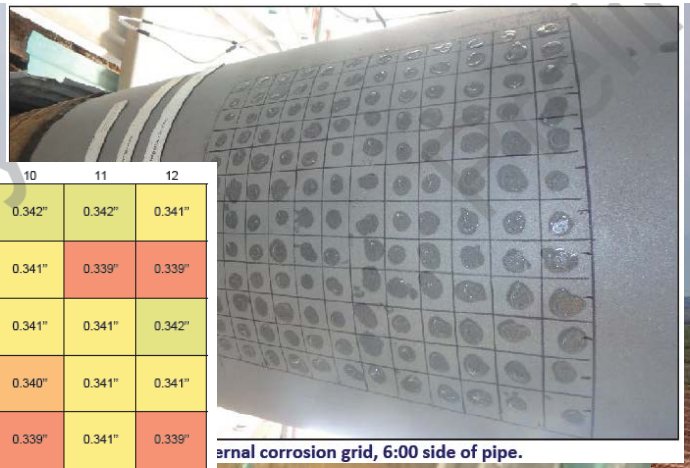
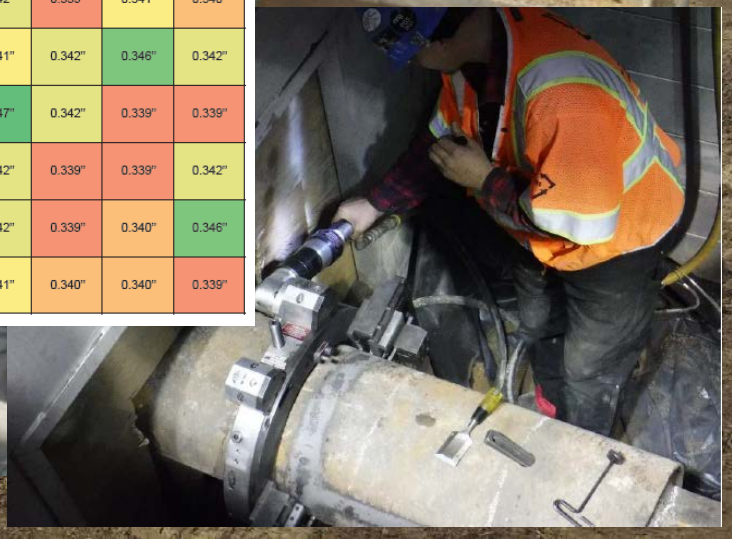
What's a Dig?



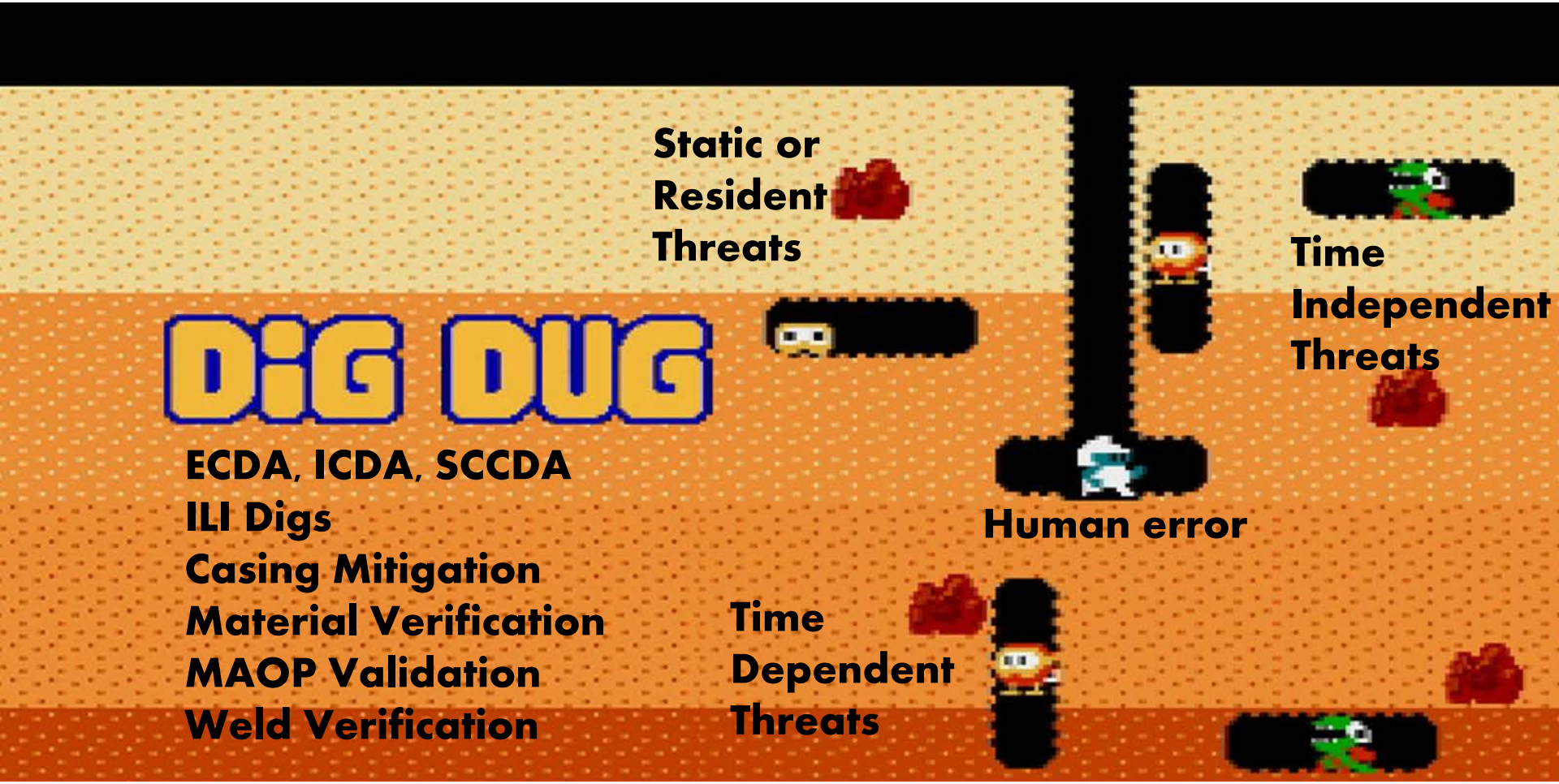
	1	2	3	4	5	6	7	8	9	10	11	12
A	0.342"	0.341"	0.344"	0.341"	0.339"	0.339"	0.339"	0.339"	0.339"	0.342"	0.342"	0.341"
B	0.341"	0.341"	0.344"	0.339"	0.339"	0.339"	0.340"	0.340"	0.342"	0.341"	0.339"	0.339"
C	0.341"	0.341"	0.347"	0.340"	0.341"	0.341"	0.339"	0.340"	0.342"	0.341"	0.341"	0.342"
D	0.339"	0.339"	0.344"	0.339"	0.339"	0.339"	0.339"	0.339"	0.341"	0.340"	0.341"	0.341"
E	0.339"	0.341"	0.342"	0.339"	0.339"	0.345"	0.346"	0.346"	0.339"	0.339"	0.341"	0.339"
F	0.339"	0.340"	0.344"	0.341"	0.341"	0.346"	0.346"	0.342"	0.339"	0.341"	0.341"	0.339"
G	0.346"	0.346"	0.342"	0.341"	0.342"	0.339"	0.346"	0.339"	0.342"	0.339"	0.341"	0.340"
H	0.339"	0.339"	0.342"	0.339"	0.342"	0.342"	0.340"	0.339"	0.341"	0.342"	0.346"	0.342"
I	0.346"	0.341"	0.339"	0.338"	0.341"	0.339"	0.342"	0.346"	0.347"	0.342"	0.339"	0.339"
J	0.339"	0.339"	0.344"	0.339"	0.342"	0.342"	0.339"	0.341"	0.342"	0.339"	0.339"	0.342"
K	0.339"	0.339"	0.343"	0.340"	0.339"	0.341"	0.341"	0.339"	0.342"	0.339"	0.340"	0.346"
L	0.339"	0.339"	0.343"	0.339"	0.339"	0.339"	0.341"	0.339"	0.341"	0.340"	0.340"	0.339"



ernal corrosion grid, 6:00 side of pipe.



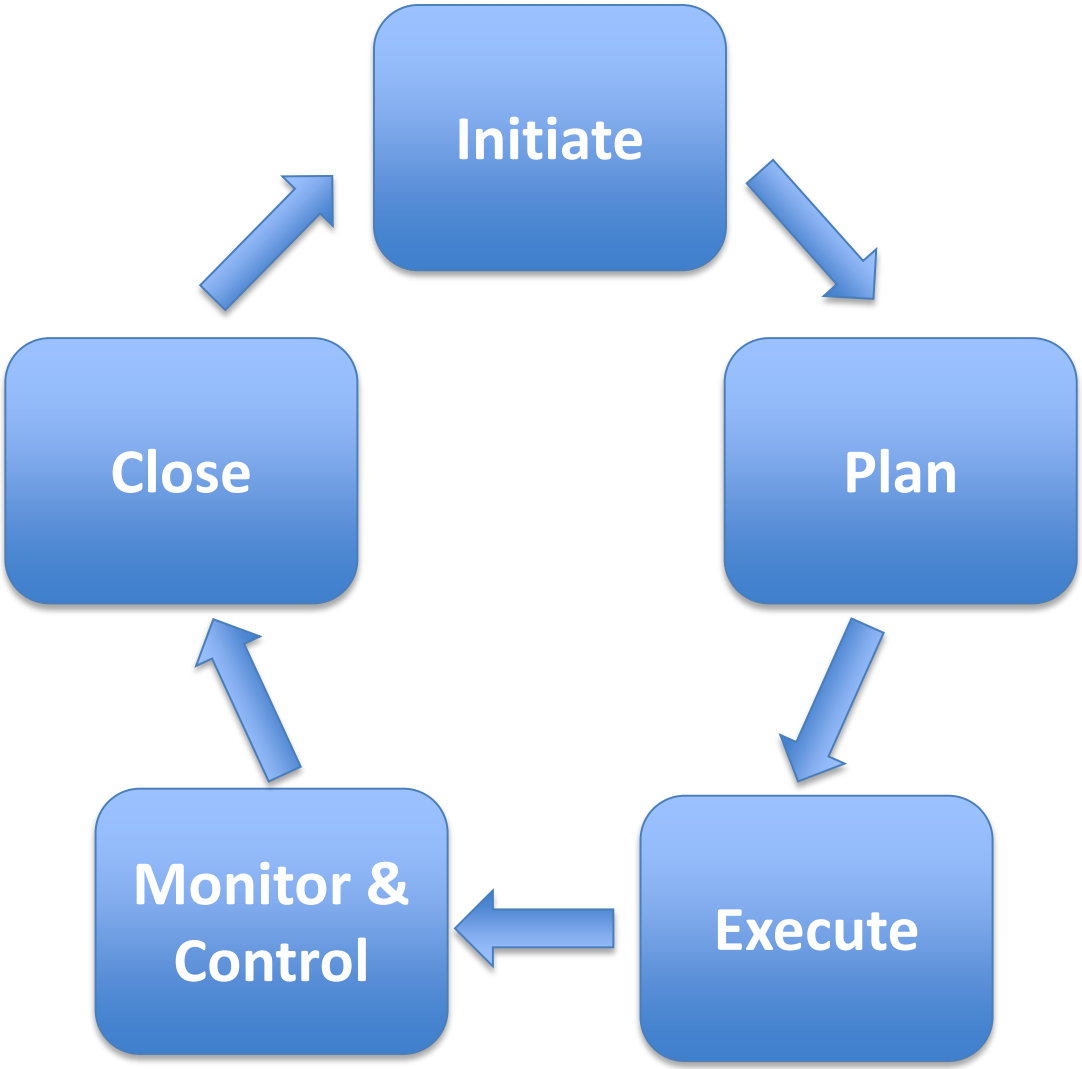
Why Dig?


Static or
Resident
Threats
Time
Independent
Threats
DiG DUG
ECDA, ICDA, SCCDA
ILI Digs
Casing Mitigation
Material Verification
MAOP Validation
Weld Verification
Human error
Time
Dependent
Threats

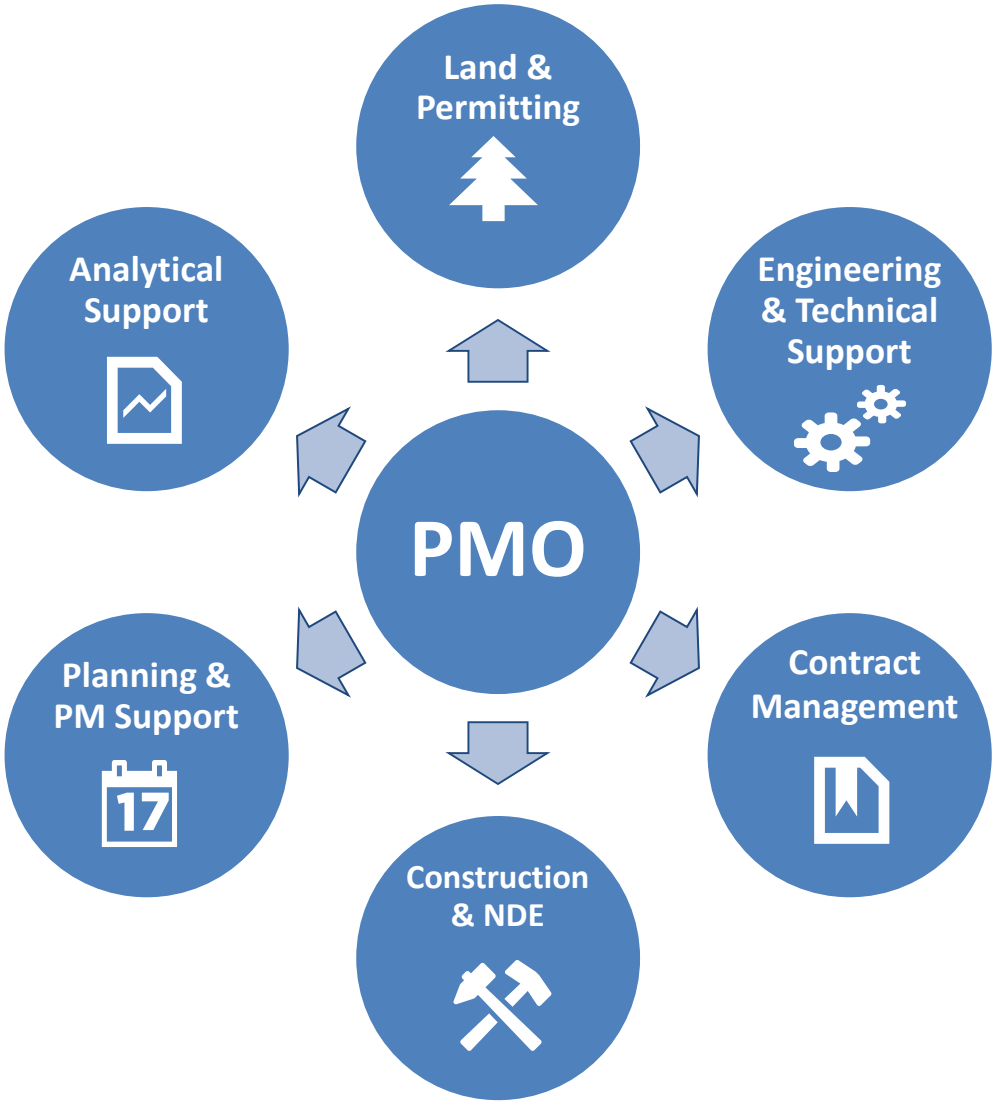
More Digs?

Dig Much?

Traditional Project Management



Project Management Office



Project Management Office

SME's in one room — 1

Decisions made quickly — 2

50 digs in one hour — 3

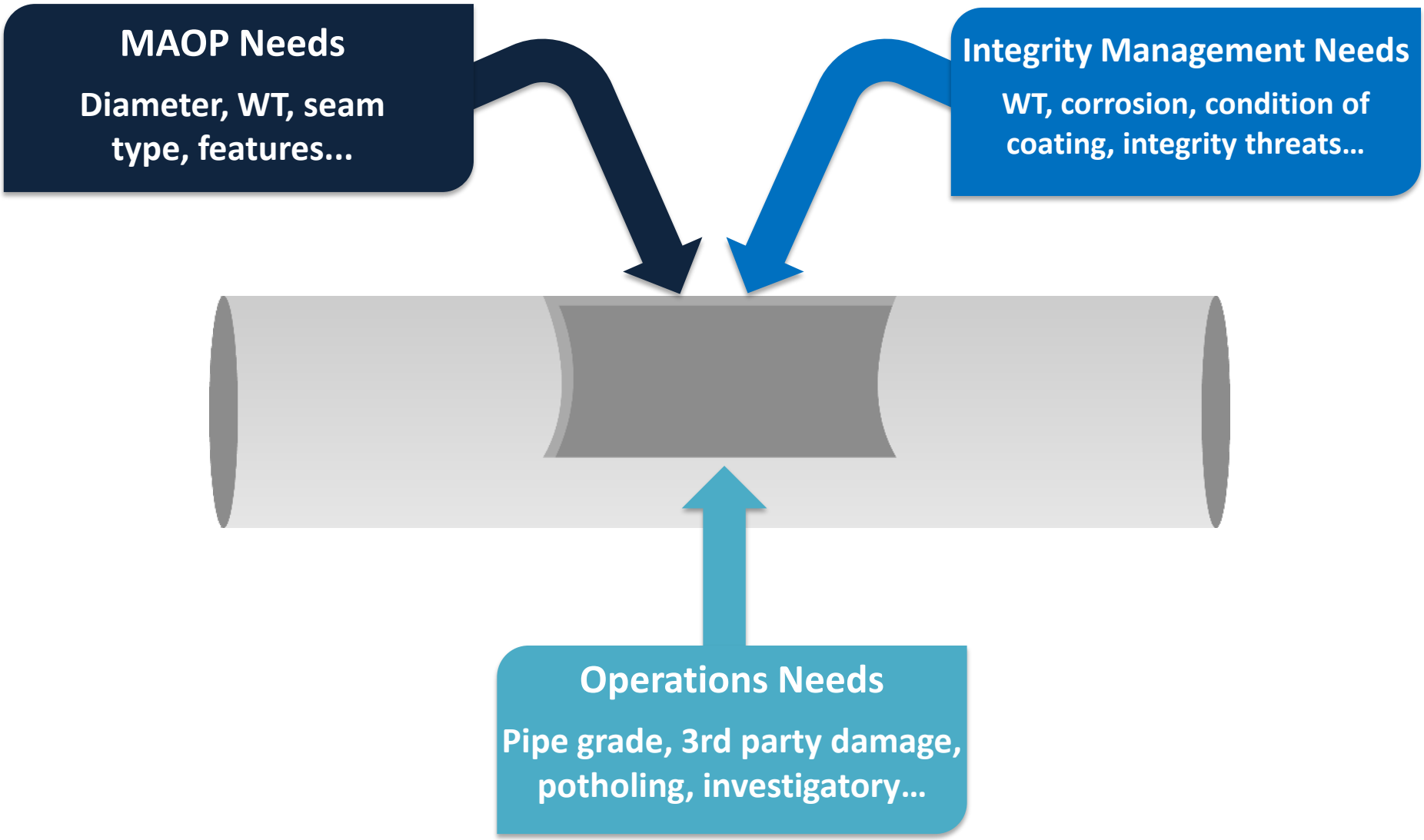
Critical path items only — 4

- Land and Permitting
- Engineering and Technical Support
- Contract Management
- Construction and NDE
- Planning and PM Support
- Analytical Support

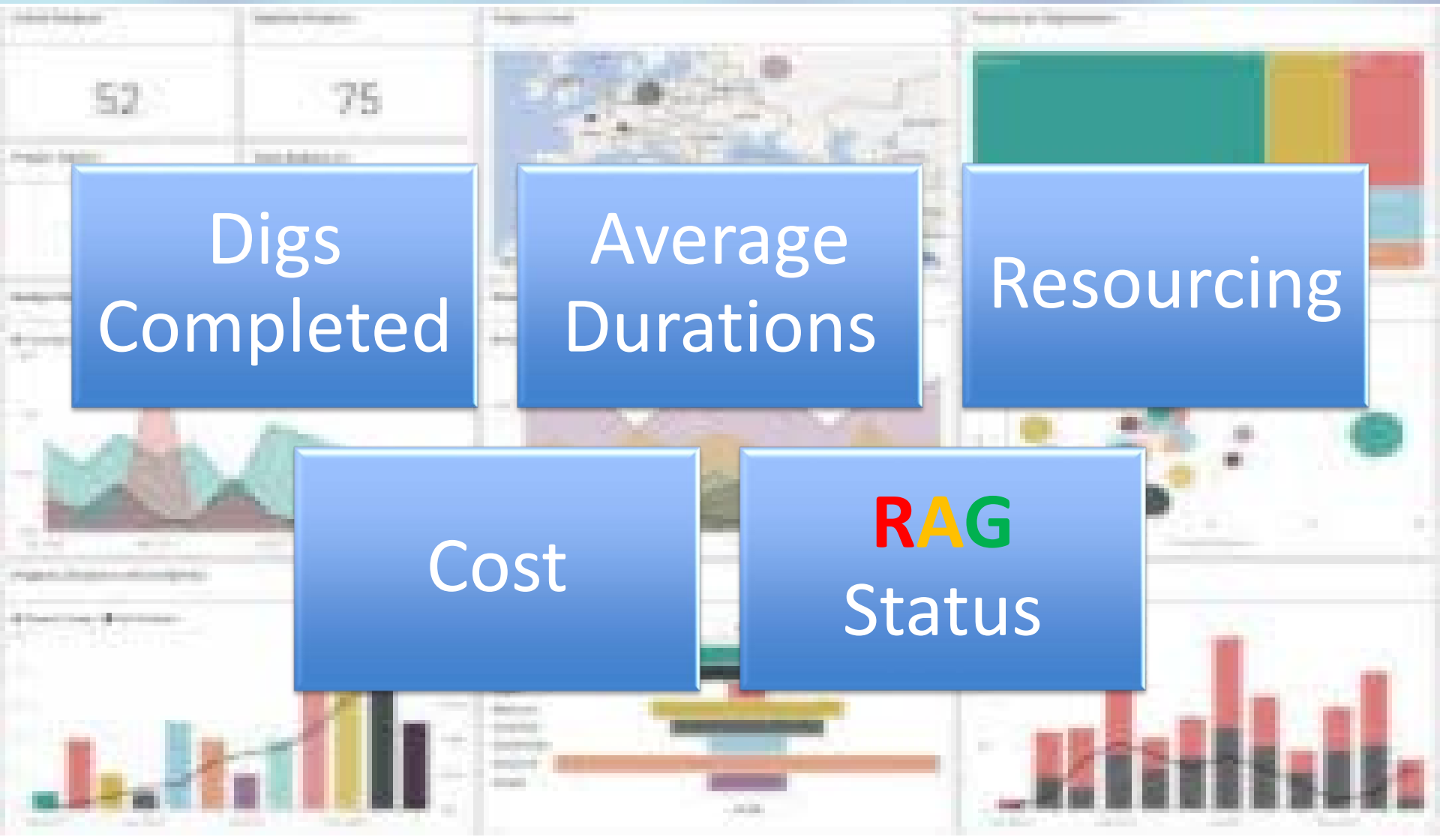
Data Collection

1. Class location
2. MAOP
3. % SMYS at MAOP
4. Pipe grade
5. Installation date
6. Wall thickness
7. Diameter
8. Seam type and location
9. Any unusual soil movement or other sources of axial pipe stress
10. Determine if defect is leaking
11. Corrosion-caused metal loss, internal or external
12. Determine if defect is crack-like
13. If caused by 3rd party damage, determine measurable denting
14. Depth of defect
15. GPS coordinates of defect location
16. Condition of coating

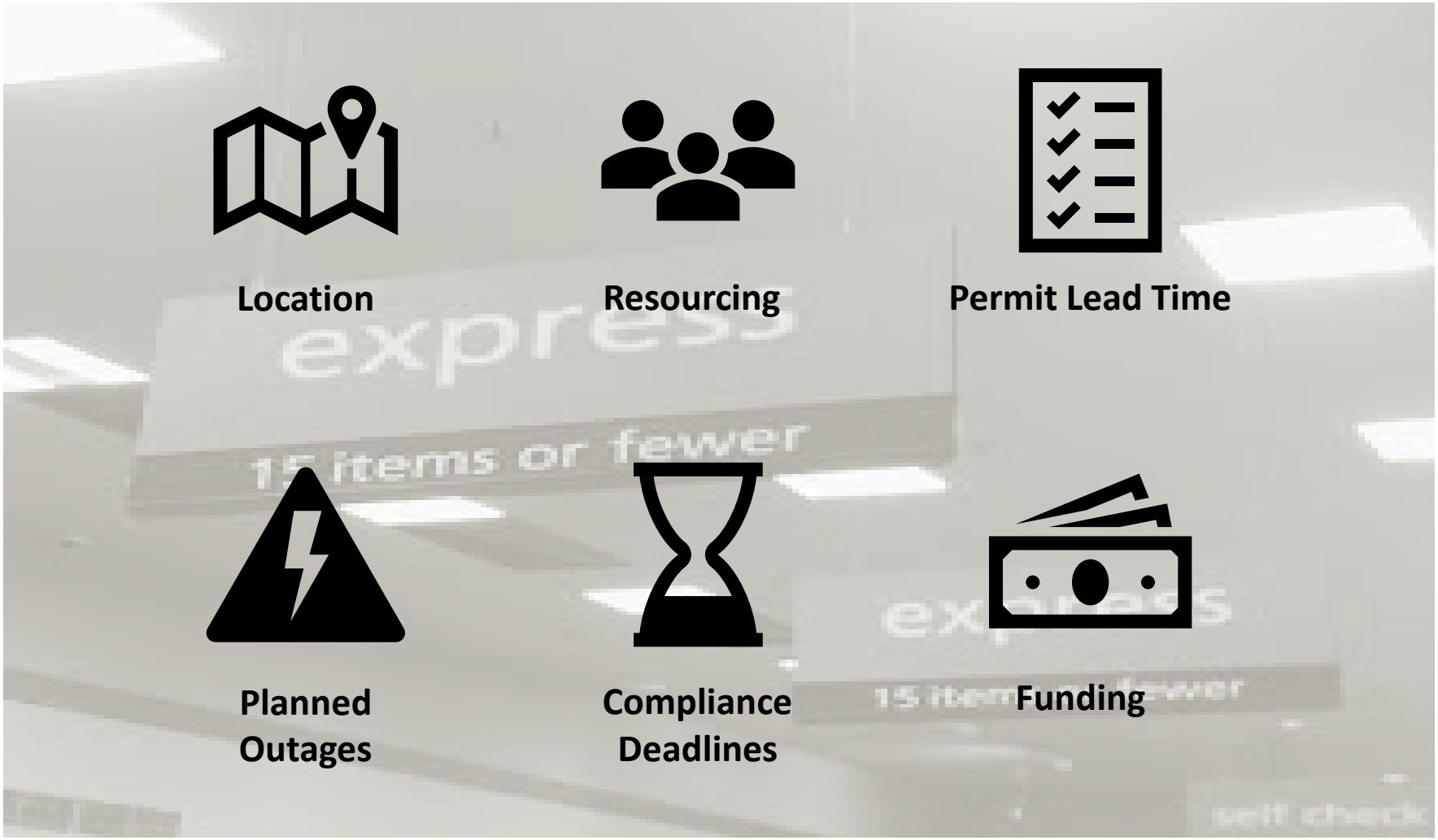
Data Collection



Digs PMO Reporting



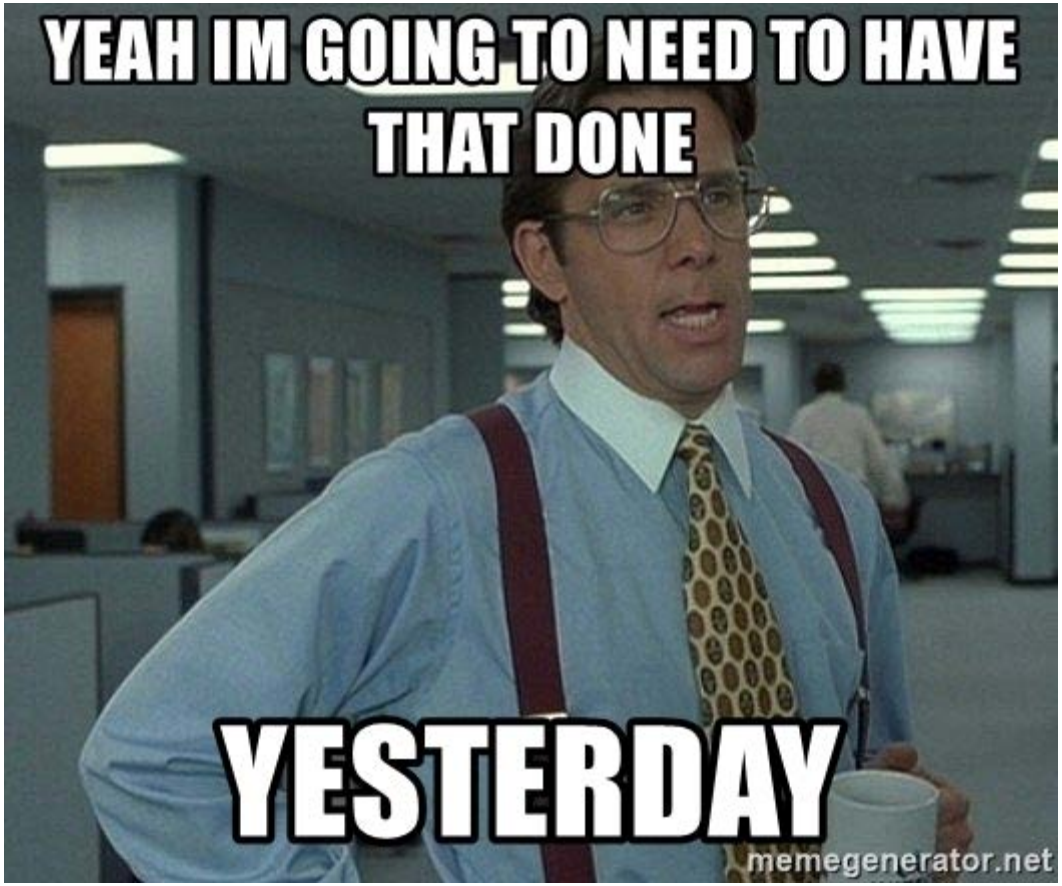
Prioritizing Digs using Express Lanes



Priority Factors & Schedule Impacts

#	Priority Factors	Quarter 1	Quarter 2	Quarter 3	Quarter 4
1	Location	High	High	Med	Low
2	Permit Lead Time	High	High	Med	Med
3	Planned Outages	Low	Med	High	High
4	Resourcing	Low	Med	Med	High
5	Funding	Low	Low	Med	High
6	Compliance Deadlines	High	High	High	High

Priority Factors & Schedule Impacts



Digs PMO Challenges

Digs PMO ≠ Other PMO

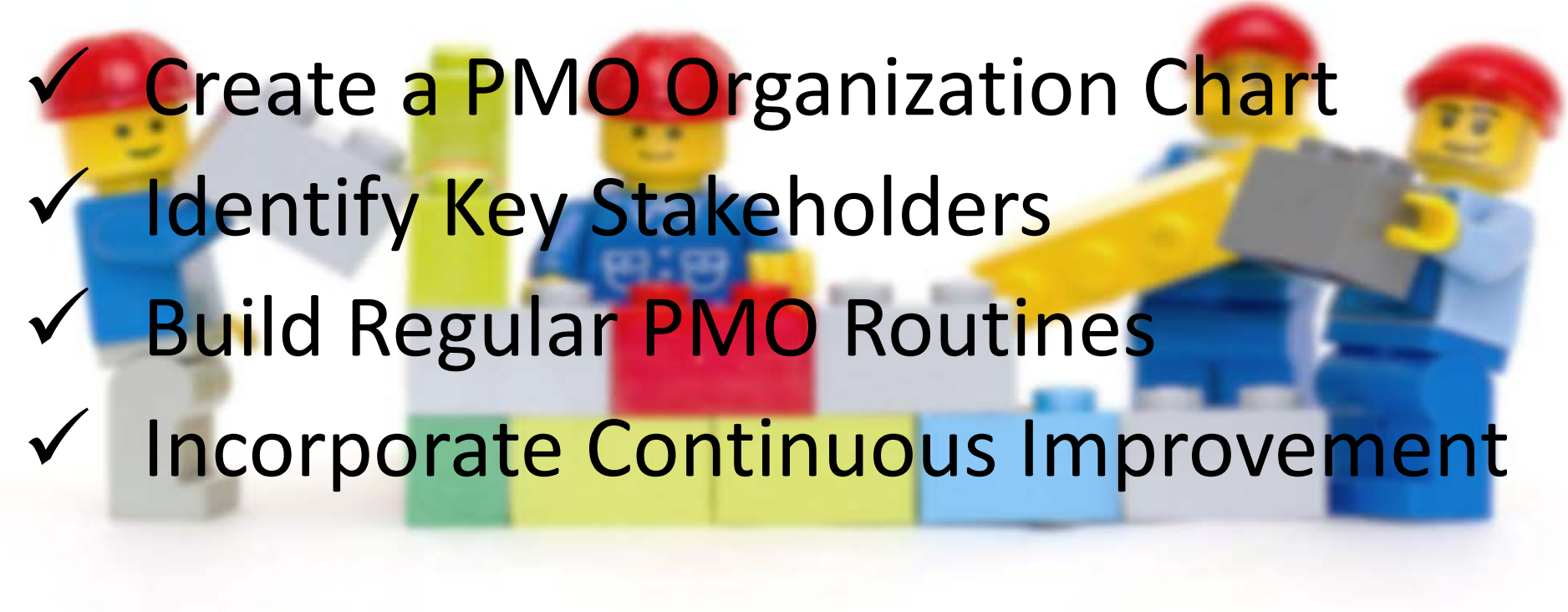
Generating Digs with Appropriate Lead Time

Timely Cut-outs Generated from Digs

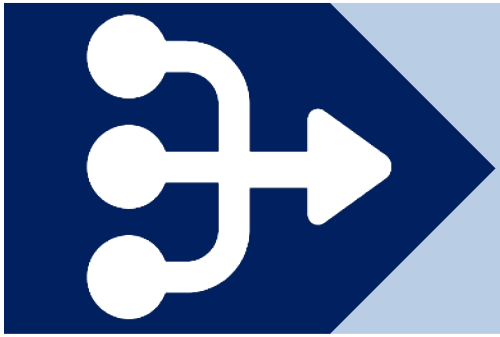
Unnecessary Standby Resources

Setting up a PMO

- ✓ Define the PMO Objectives & Scope
- ✓ Obtain Senior Executive Sponsorship
- ✓ Define PMO Tools and Processes
- ✓ Create a PMO Organization Chart
- ✓ Identify Key Stakeholders
- ✓ Build Regular PMO Routines
- ✓ Incorporate Continuous Improvement



In a Nutshell



Consolidate workload, outlook, and resource requirements

Increase Visibility and transparency of work

Minimize Redundancies and provide a one stop shop for project needs

Questions?

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