

# Wilco Construction

Information System Project

## *Data Flow Diagrams*

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# DFDs for Wilco Construction

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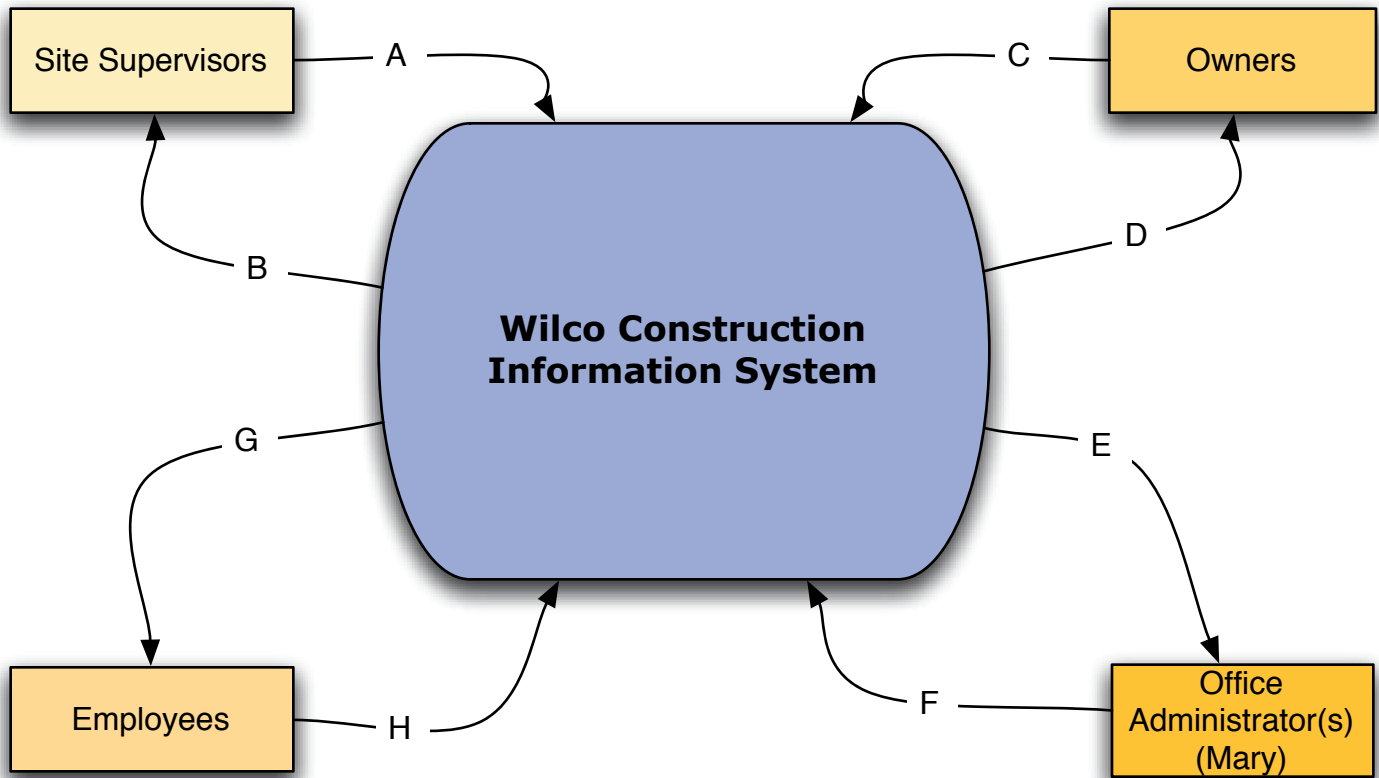
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# Context Diagram



<b>A</b>	Employees Needed Approve Own Hours Hours Available Employee Skillset Information	<b>E</b>	Asset Report Office Administrator Paycheck Office Administrator Paystub Paycheck and Paystub Report EEOC Compliance Report Annual EEOC Compliance Report
<b>B</b>	Asset Report Site Supervisors Paycheck Site Supervisors Paystub	<b>F</b>	Actual Hours Worked Hours Available New Employee EEOC Information Changes to Current Employee EEOC Information New Employee Information Changes to Current Employee Information New Physical Asset Information Initiate End of Pay Period Payscale Information from Ohio and Unions Basic Project Information for Creating Bids Approved Project Estimates and Figures
<b>C</b>	Actual Hours Worked Hours Available	<b>G</b>	Current Employee Paycheck Current Employee Paystub
<b>D</b>	Owners Paycheck Owners Paystub	<b>H</b>	Verification of Hours Worked

# Level 0

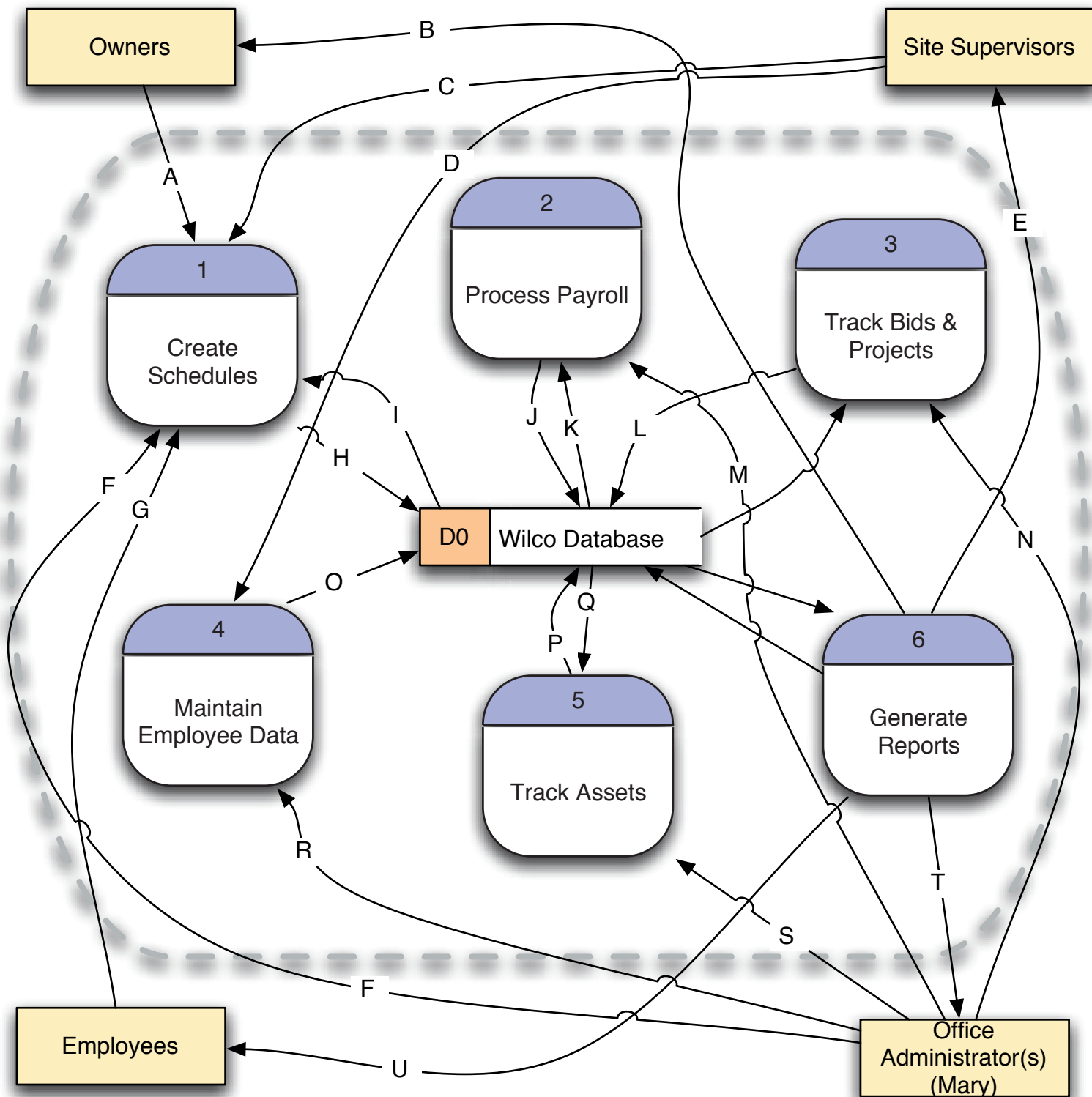
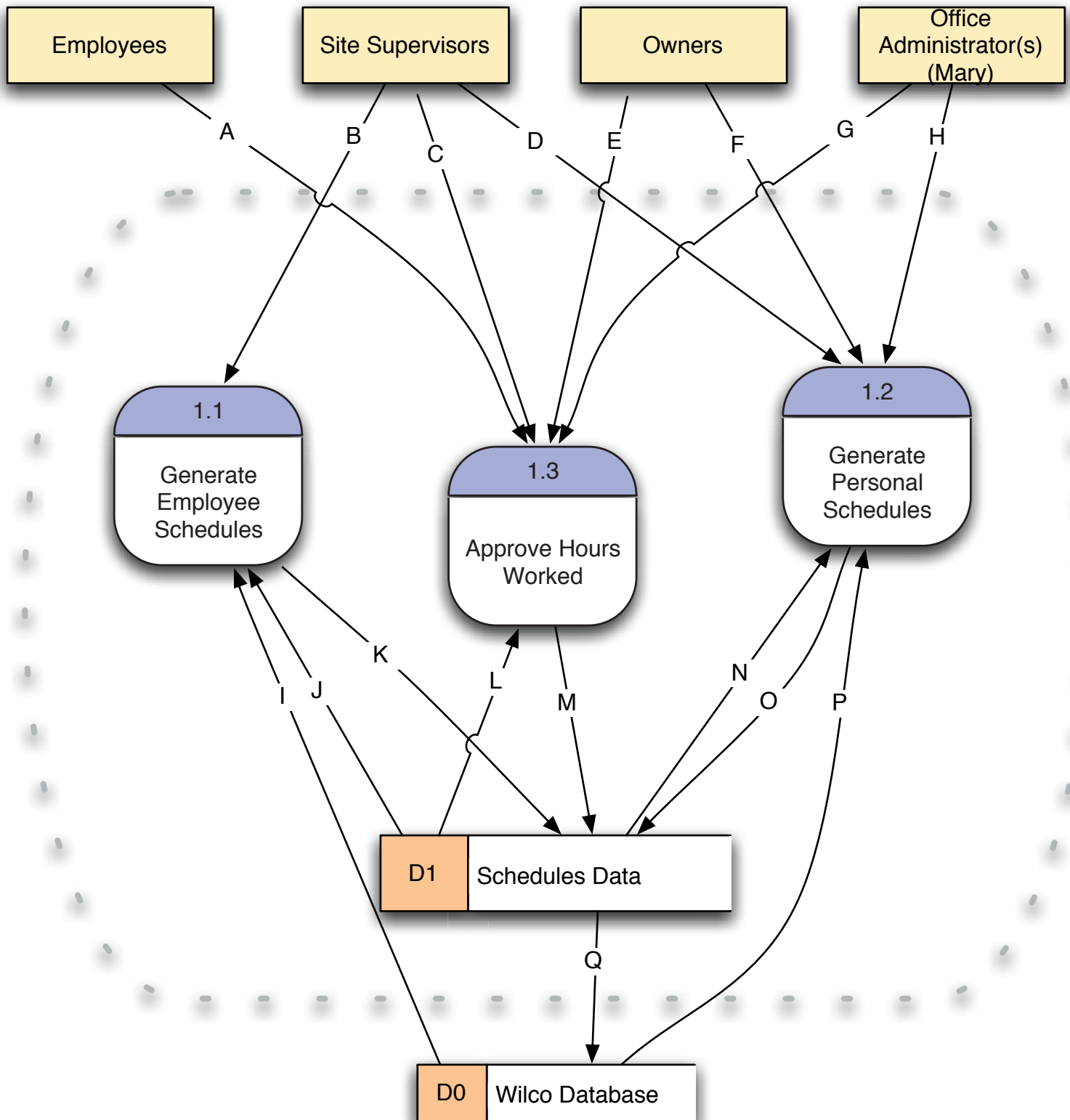


diagram guide on next page

## diagram guide for Level 0 diagram

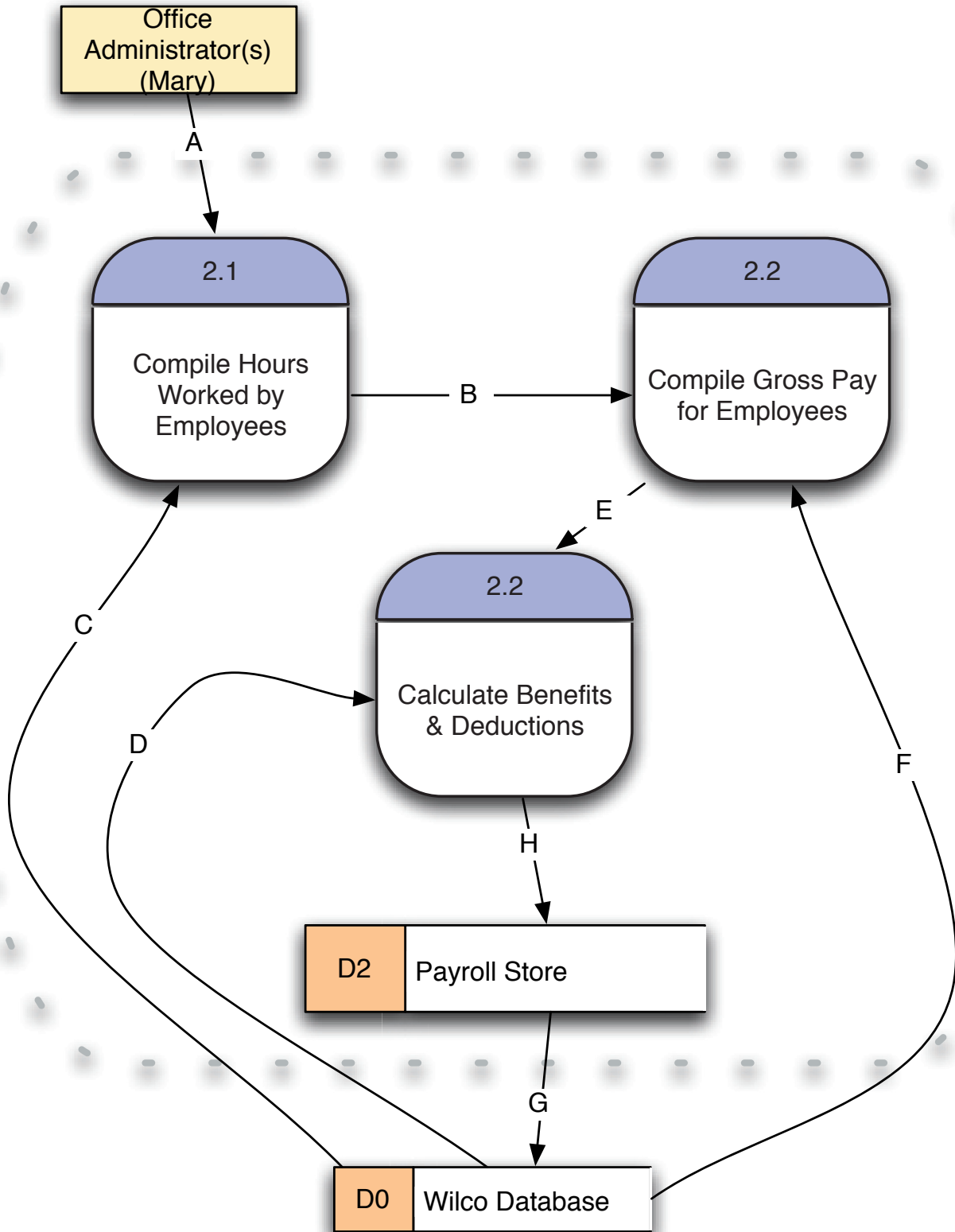
<b>A</b>	Actual hours worked Hours Available	<b>G</b>	Verification of Hours Worked	<b>M</b>	Initiate End of Pay Period	<b>S</b>	Current Bid Information Current Project Information Asset Information Assets Assigned to Employees Assets Assigned to Projects Employee Paycheck Employee Paystub Annual EEOC Compliance Reprt Employee EEOC Information Employee Information
<b>B</b>	Owners Paycheck Owners Paystub	<b>H</b>	Employee Timecard	<b>N</b>	Payscale Information from Ohio and Unions Basic Project Information for Creating Bids Approve Project Estimates and Figures	<b>T</b>	New Employee EEOC Information Changes to Current Employee EEOC Information New Employee Information Changes to Current Employee Information
<b>C</b>	Employees needed Approve own hours Hours available	<b>I</b>	Employee Information	<b>O</b>	Employee Information Employee EEOC Information Employee Skillsets	<b>U</b>	New Physical Asset Information
<b>D</b>	Employee skillset information	<b>J</b>	Employee Paycheck Employee Paystub	<b>P</b>	Assets Information Assets Assigned to Employees Assets Assigned to Project	<b>V</b>	Asset Report Office Administrator Paycheck Office Administrator Paystub Paycheck and Paystub Report EEOC Compliance Report Annual EEOC Compliance Report
<b>E</b>	Asset Report Site Supervisor Paycheck Site Supervisor Paystub	<b>K</b>	Employee Timecard Employee Information Payscale Information for Project Employee Skillset	<b>Q</b>	Employee Information Current Project Information	<b>W</b>	Current Employee Paycheck Current Employee Paystub
<b>F</b>	Actual Hours Worked Hours Available	<b>L</b>	Payscale Information for Project Current Project Information Current Bid Information	<b>R</b>	Current Bid Report EEOC Compliance Report Current Asset Report Current Paychecks Current Paystubs Annual EEOC Compliance Report		

# Level 1: (1) Create Schedules



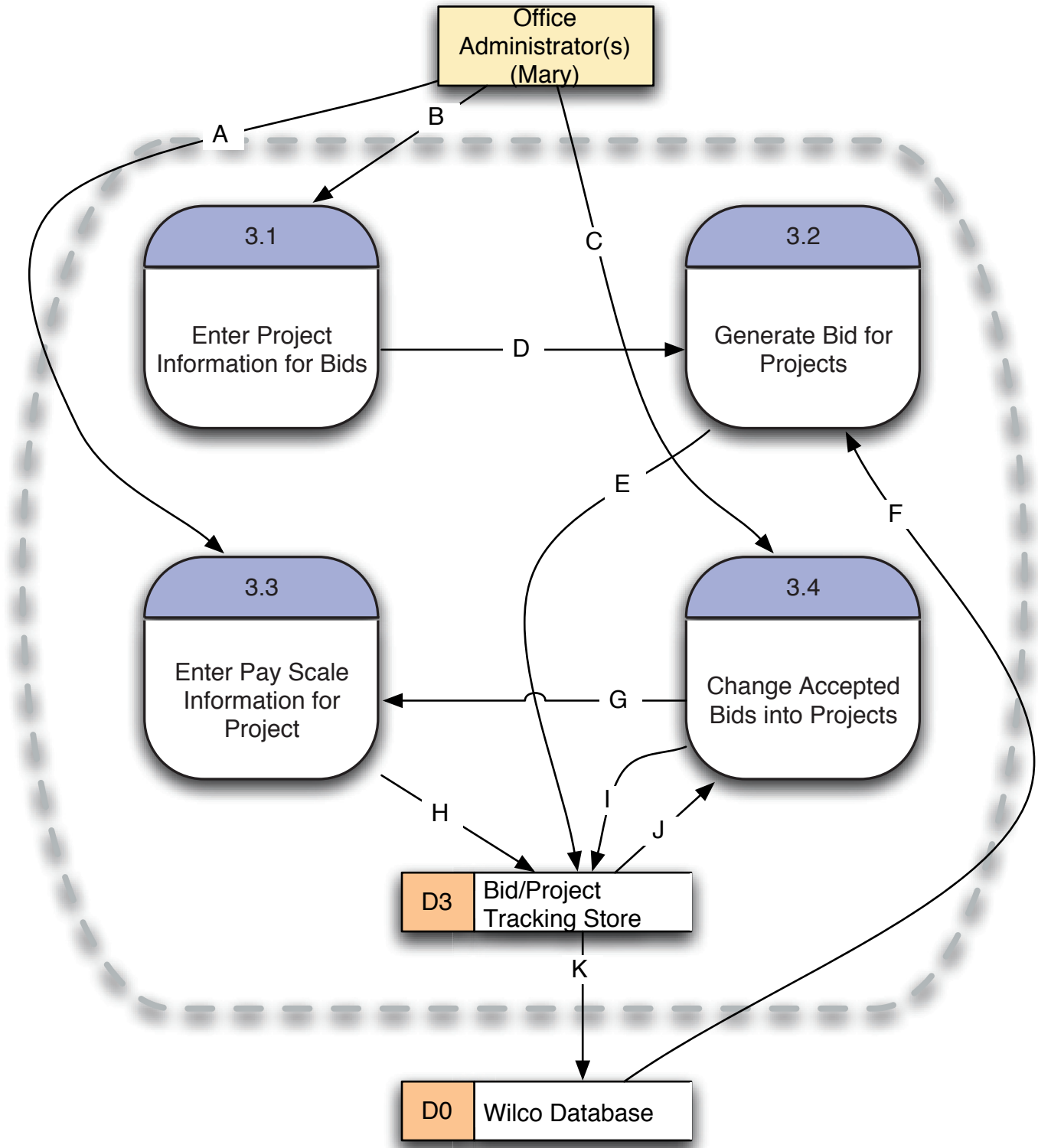
<b>A</b>	Verification of hours worked	<b>F</b>	Hours available	<b>K</b>	employee schedule	<b>N</b>	prior schedules
<b>B</b>	Employees needed	<b>G</b>	actual hours worked	<b>L</b>	employee schedule	<b>O</b>	personal schedule
<b>C</b>	Approve own hours	<b>H</b>	hours available	<b>M</b>	employee timesheet	<b>P</b>	employee information
<b>D</b>	Hours available	<b>I</b>	employee information			<b>Q</b>	employee timecard
<b>E</b>	Actual hours worked	<b>J</b>	prior employee schedules				

# Level 1: (2) Process Payroll



<b>A</b>	Initiate End of Pay Perion	<b>E</b>	Employee Gross Pay
<b>B</b>	Total Hours Worked by Employee	<b>F</b>	Payscale Information for Project Employee Skillsets Employee information
<b>C</b>	Employee Timecard	<b>G</b>	Employee Paycheck Employee Paystub
<b>D</b>	Employee Information	<b>H</b>	Employee Paycheck Employee Paystub

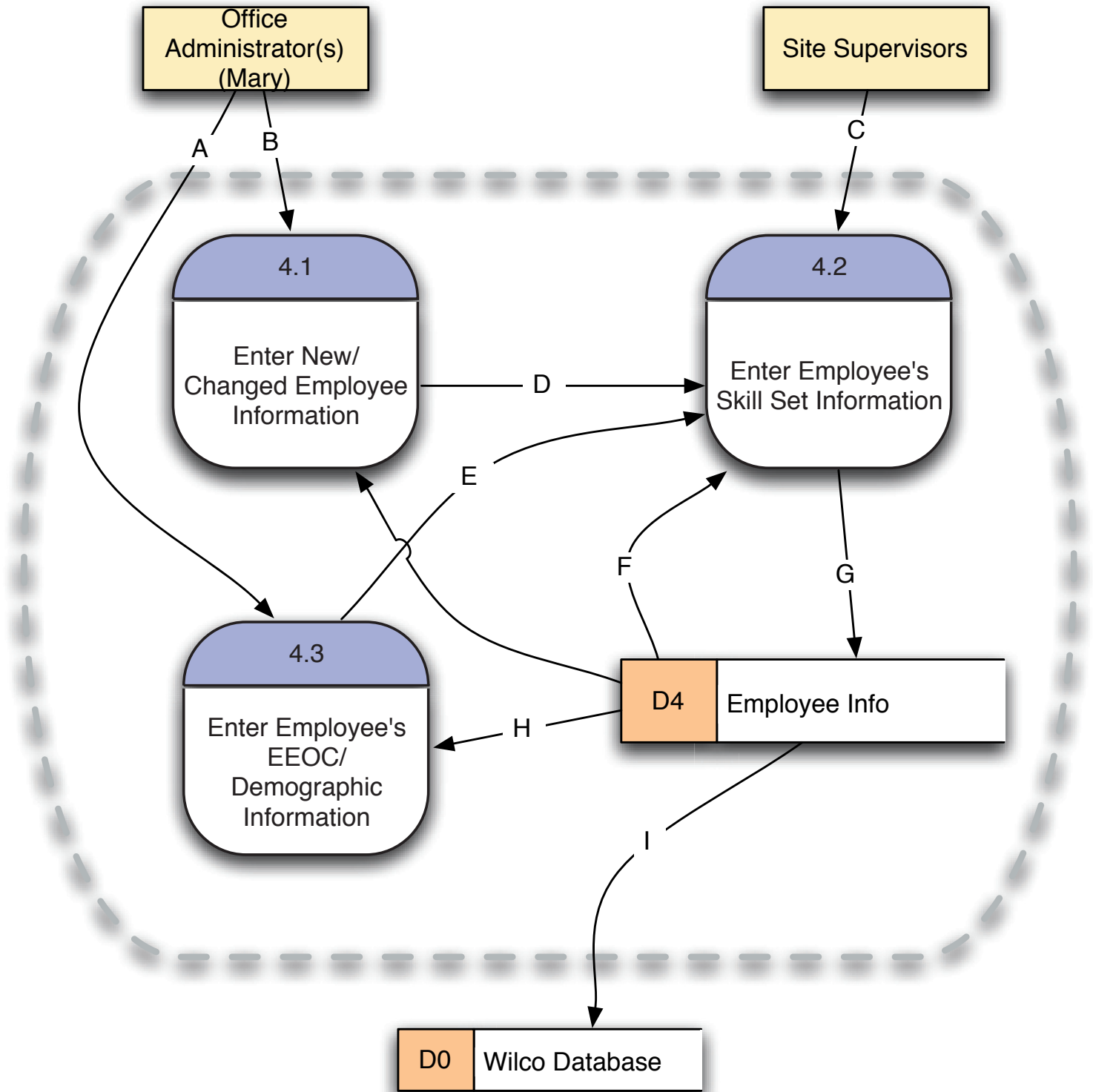
# Level 1: (3) Track Bids & Projects



<b>A</b>	Payscale Information from Ohio and Unions	<b>F</b>	Asset Information
<b>B</b>	Basic Project Information for Creating Bids	<b>G</b>	Current Project Information
<b>C</b>	Approved Project Estimates and Figures	<b>H</b>	Payscale Information for Project
<b>D</b>	Basic Project Information	<b>I</b>	Current Project Information
<b>E</b>	Project Bid and Proposal	<b>J</b>	Current Bid Information
		<b>K</b>	Payscale Information for Project Current Project Information Current Bid Information

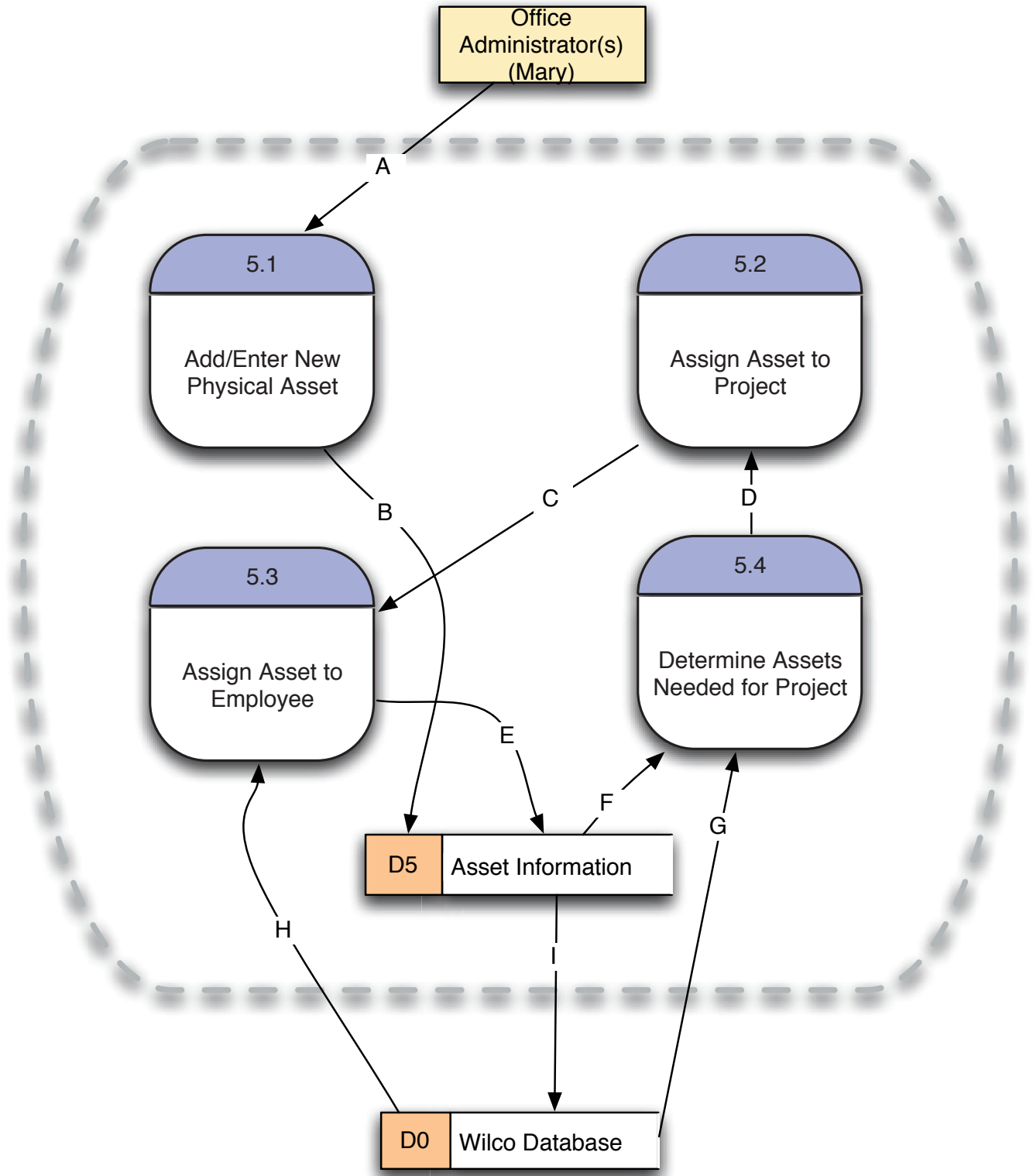


# Level 1: (4) Maintain Employee Data



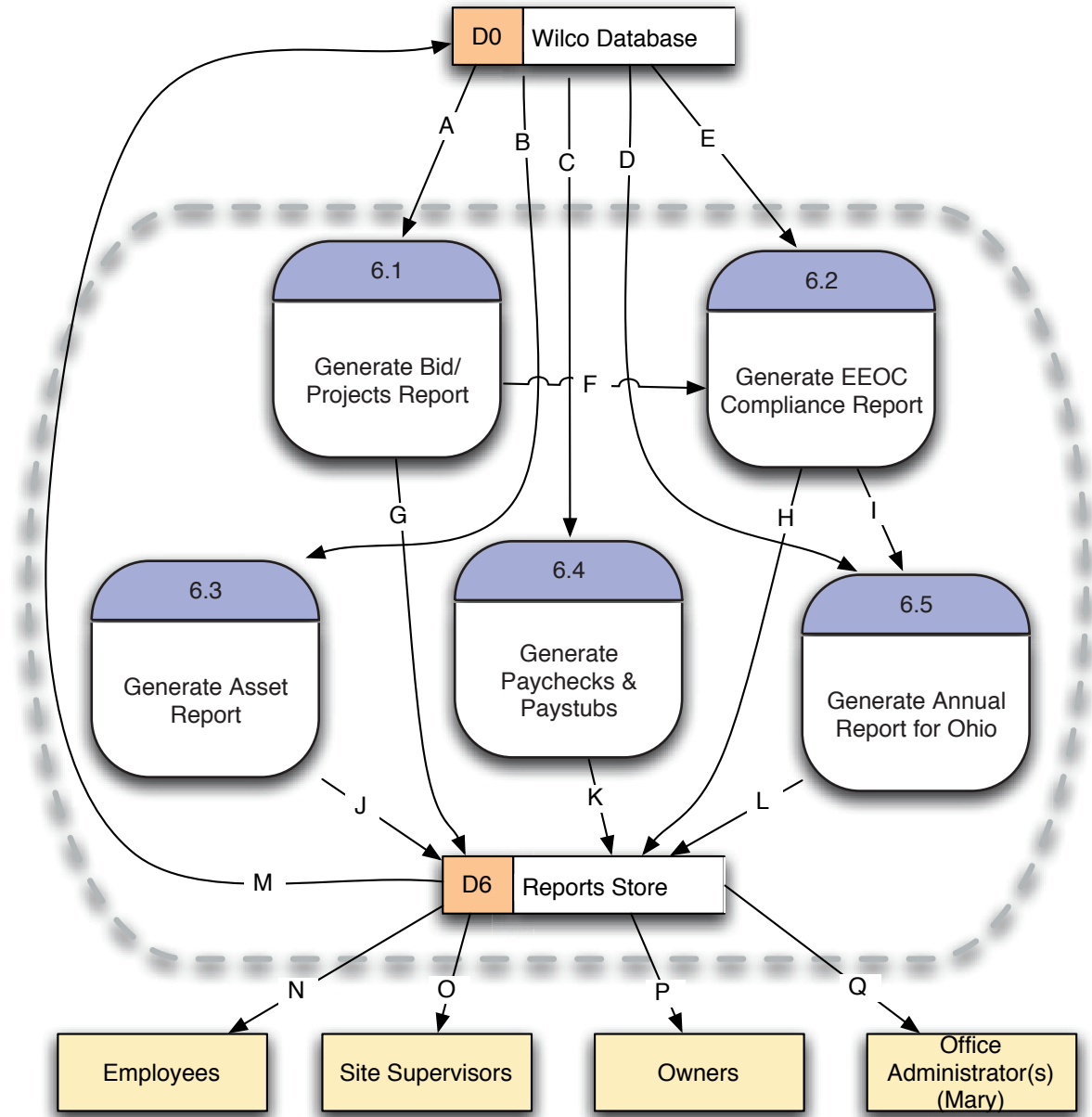
<b>A</b>	New Employee EEOC Information Changes to Current Employee EEOC Information	<b>F</b>	Employee Information
<b>B</b>	New Employee Information Changes to Current Employee Information	<b>G</b>	Employee Information Employee EEOC information Employee Skillsets
<b>C</b>	Employee Skillset Information	<b>H</b>	Employee Information
<b>D</b>	Employee Information	<b>I</b>	Employee Information Employee EEOC information Employee Skillsets
<b>E</b>	Employee EEOC Information		

# Level 1: (5) Track Assets



<b>A</b>	New Physical Asset Information	<b>F</b>	Available Assets
<b>B</b>	Asset Information	<b>G</b>	Current Project Information
<b>C</b>	Asset Assigned to Project	<b>H</b>	Employee Information
<b>D</b>	Project Information Asset Information	<b>I</b>	Assets Information Assets Assigned to Employee Assets Assigned to Projects
<b>E</b>	Asset Information Employee Tied to Asset Asset Assigned to Project		

# Level 1: (6) Generate Reports



<b>A</b>	Current Bid Information Current Project Information	<b>F</b>	Current Project Information	<b>K</b>	Current Paycheck Current Paystub	<b>N</b>	Current Employee Paycheck Current Employee Paystub
<b>B</b>	Assets Information Assets Assigned to Employees Assets Assigned to Projects	<b>G</b>	Current Bid Report Current Project Report	<b>L</b>	Annual EEOC Compliance Report	<b>O</b>	Asset Report Site Supervisor Paycheck Site Supervisor Paystub
<b>C</b>	Employee Paycheck Employee Paystub	<b>H</b>	EEOC Compliance Report	<b>M</b>	Current Bid Report EEOC Compliance Report Current Asset Report Current Paychecks for Employees Current Paystubs for Employees Annual EEOC Compliance Report	<b>P</b>	Owner Paycheck Owner Paystub
<b>D</b>	Annual EEOC Compliance Reports	<b>I</b>	EEOC Compliance Report			<b>Q</b>	Asset Report Office Administrator Paycheck Office Administrator Paystub Paycheck and Paystub Report EEOC Compliance Report Annual EEOC Compliance Report
<b>E</b>	Employee EEOC Information Employee Paycheck Employee Paystub	<b>J</b>	Current Asset Report				