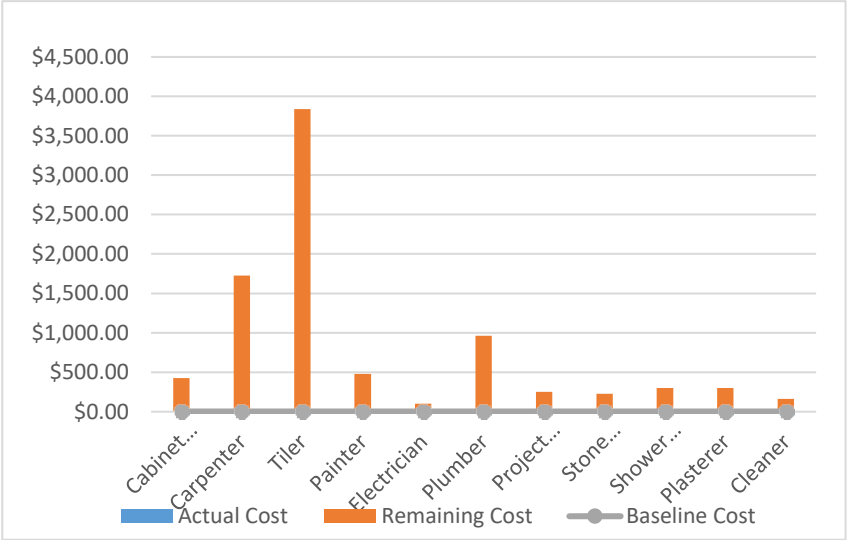


# RESOURCE COST OVERVIEW

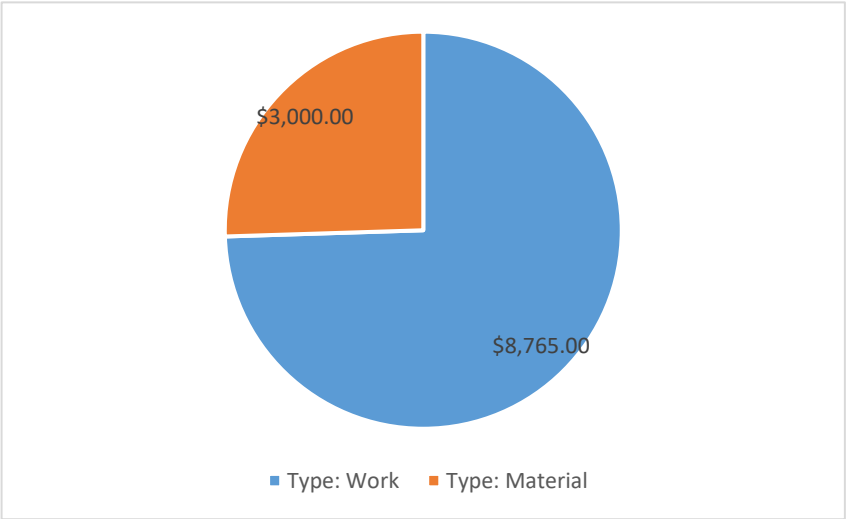
## COST STATUS

Cost status for work resources.



## COST DISTRIBUTION

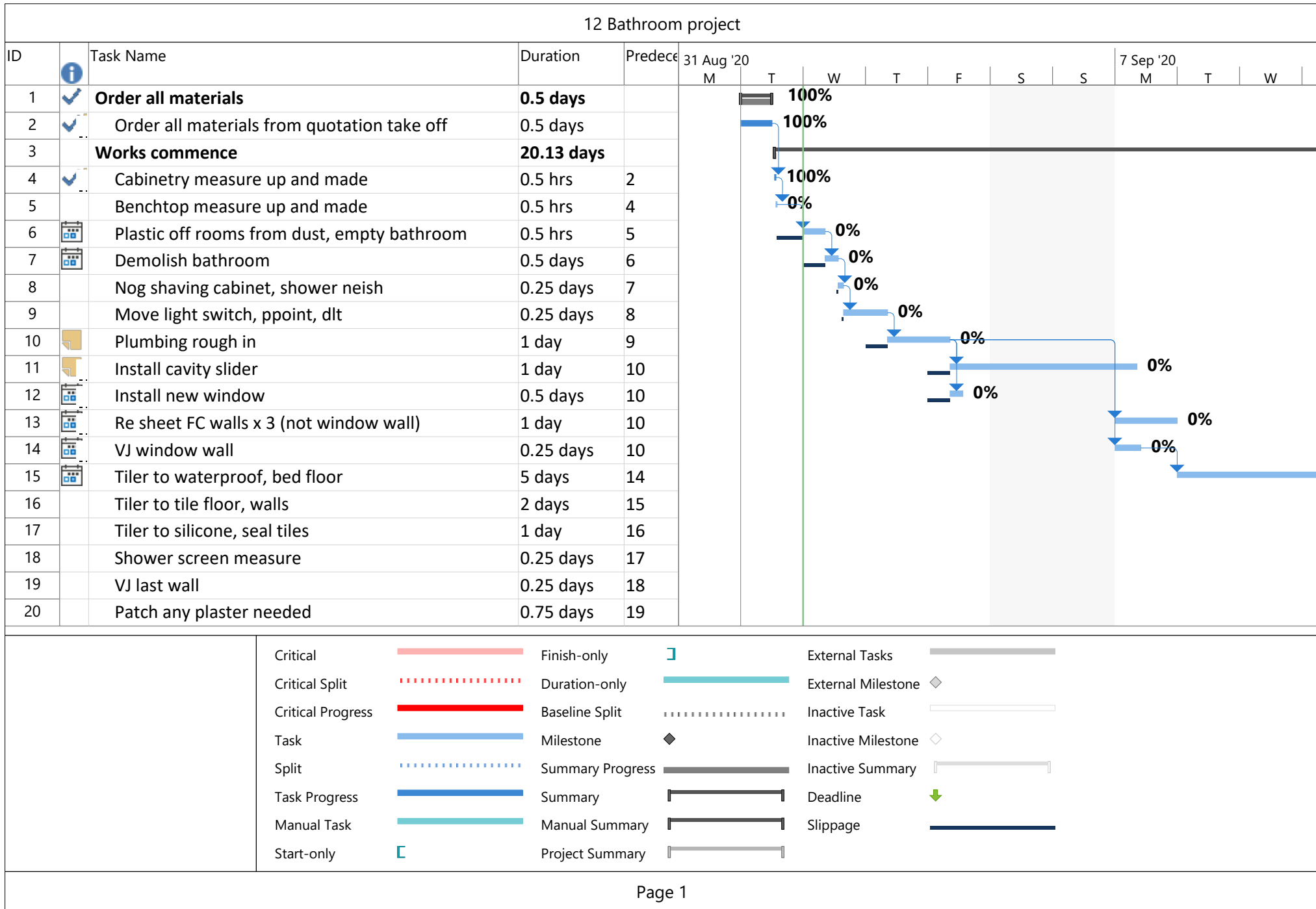
How costs are spread out amongst different resource types.



## COST DETAILS

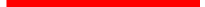
Cost details for all work resources.

| Name                    | Actual Work | Actual Cost | Standard Rate |
|-------------------------|-------------|-------------|---------------|
| Cabinet maker           | 0 hrs       | \$0.00      | \$50.00/hr    |
| Carpenter               | 0 hrs       | \$0.00      | \$50.00/hr    |
| Tiler                   | 0 hrs       | \$0.00      | \$60.00/hr    |
| Painter                 | 0 hrs       | \$0.00      | \$40.00/hr    |
| Electrician             | 0 hrs       | \$0.00      | \$50.00/hr    |
| Plumber                 | 0 hrs       | \$0.00      | \$60.00/hr    |
| Project manager         | 0 hrs       | \$0.00      | \$50.00/hr    |
| Stone mason             | 0 hrs       | \$0.00      | \$50.00/hr    |
| Shower screen installer | 0 hrs       | \$0.00      | \$50.00/hr    |
| Plasterer               | 0 hrs       | \$0.00      | \$50.00/hr    |
| Cleaner                 | 0 hrs       | \$0.00      | \$40.00/hr    |

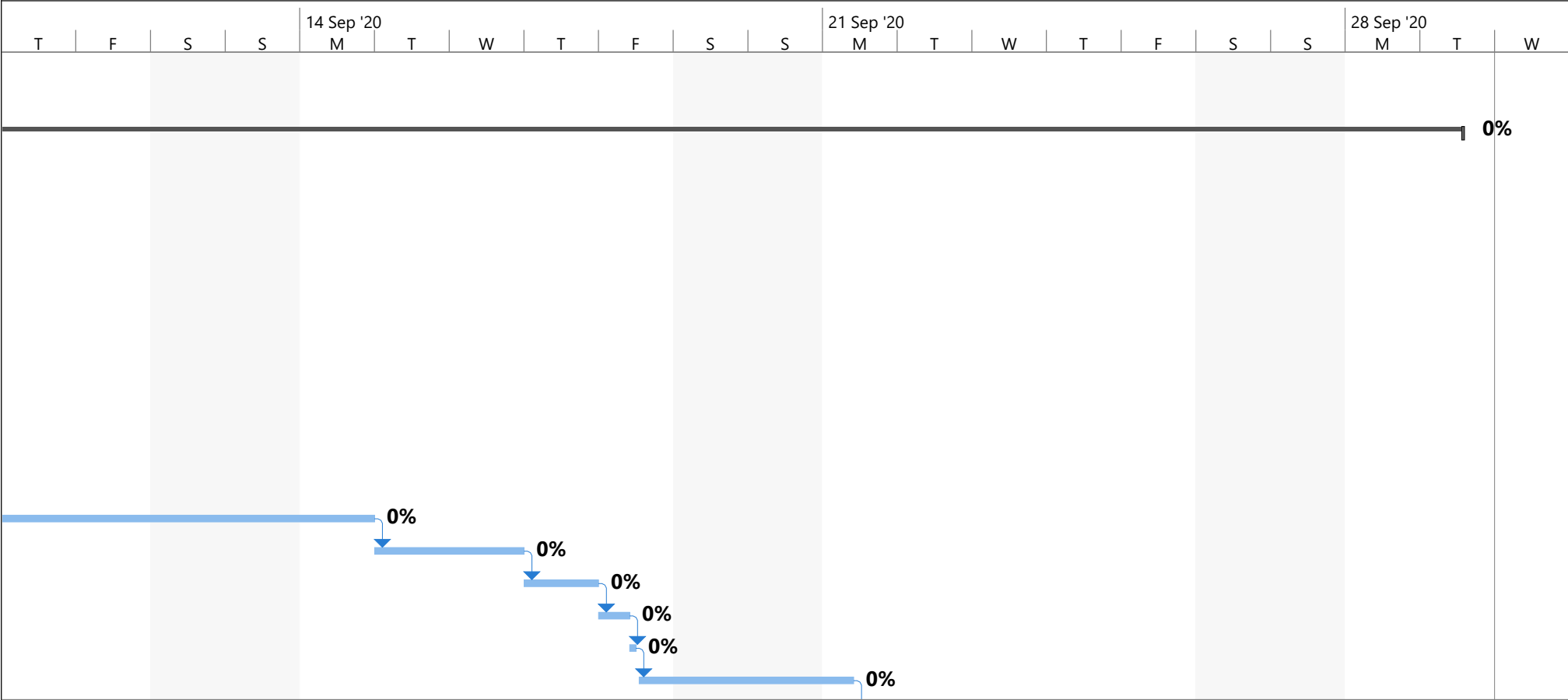


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| 12 Bathroom project |
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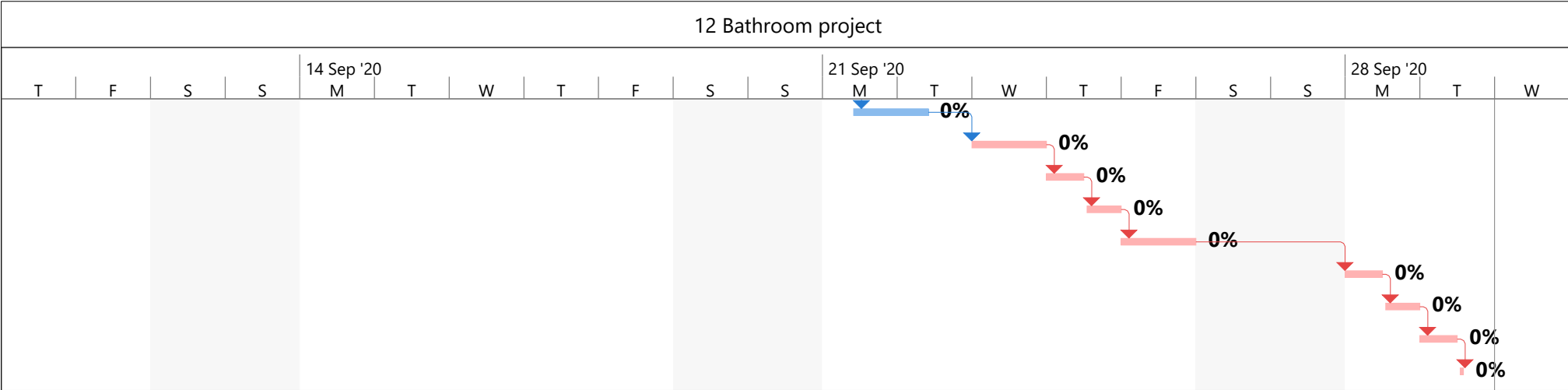
| ID |  | Task Name                                | Duration | Predecessor | 31 Aug '20 |   |   |   |   |   |   | 7 Sep '20 |   |   |
|----|-----------------------------------------------------------------------------------|------------------------------------------|----------|-------------|------------|---|---|---|---|---|---|-----------|---|---|
|    |                                                                                   |                                          |          |             | M          | T | W | T | F | S | S | M         | T | W |
| 21 |                                                                                   | Paint 3 coats                            | 1 day    | 20          |            |   |   |   |   |   |   |           |   |   |
| 22 |  | Cabinetry install                        | 1 day    | 21          |            |   |   |   |   |   |   |           |   |   |
| 23 |                                                                                   | Bench top install                        | 0.5 days | 22          |            |   |   |   |   |   |   |           |   |   |
| 24 |                                                                                   | Shower screen install                    | 0.5 days | 23          |            |   |   |   |   |   |   |           |   |   |
| 25 |                                                                                   | Plumber fitoff (after shower screen)     | 1 day    | 24          |            |   |   |   |   |   |   |           |   |   |
| 26 |                                                                                   | Install towel rails, shaving cab, ppoint | 0.5 days | 25          |            |   |   |   |   |   |   |           |   |   |
| 27 |                                                                                   | Final touch up paint                     | 0.5 days | 26          |            |   |   |   |   |   |   |           |   |   |
| 28 |                                                                                   | Clean                                    | 0.5 days | 27          |            |   |   |   |   |   |   |           |   |   |
| 29 |                                                                                   | Handover                                 | 1 hr     | 28          |            |   |   |   |   |   |   |           |   |   |

|                   |                                                                                     |                  |                                                                                       |                    |                                                                                       |
|-------------------|-------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|
| Critical          |  | Finish-only      |  | External Tasks     |  |
| Critical Split    |  | Duration-only    |  | External Milestone |  |
| Critical Progress |  | Baseline Split   |  | Inactive Task      |  |
| Task              |  | Milestone        |  | Inactive Milestone |  |
| Split             |  | Summary Progress |  | Inactive Summary   |  |
| Task Progress     |  | Summary          |  | Deadline           |  |
| Manual Task       |  | Manual Summary   |  | Slippage           |  |
| Start-only        |  | Project Summary  |  |                    |                                                                                       |

|                     |
|---------------------|
| 12 Bathroom project |
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|                   |                                                                                     |                  |                                                                                       |                    |                                                                                       |
|-------------------|-------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|
| Critical          |  | Finish-only      |  | External Tasks     |  |
| Critical Split    |  | Duration-only    |  | External Milestone |  |
| Critical Progress |  | Baseline Split   |  | Inactive Task      |  |
| Task              |  | Milestone        |  | Inactive Milestone |  |
| Split             |  | Summary Progress |  | Inactive Summary   |  |
| Task Progress     |  | Summary          |  | Deadline           |  |
| Manual Task       |  | Manual Summary   |  | Slippage           |  |
| Start-only        |  | Project Summary  |  |                    |                                                                                       |



Task 6 has been delayed from Tuesday to Wednesday, therefore delaying the tasks which relied on it. This has been illustrated through the 'slippage' function on MS project.

|                   |  |                  |  |                    |  |
|-------------------|--|------------------|--|--------------------|--|
| Critical          |  | Finish-only      |  | External Tasks     |  |
| Critical Split    |  | Duration-only    |  | External Milestone |  |
| Critical Progress |  | Baseline Split   |  | Inactive Task      |  |
| Task              |  | Milestone        |  | Inactive Milestone |  |
| Split             |  | Summary Progress |  | Inactive Summary   |  |
| Task Progress     |  | Summary          |  | Deadline           |  |
| Manual Task       |  | Manual Summary   |  | Slippage           |  |
| Start-only        |  | Project Summary  |  |                    |  |

**Order all materials**

Start: Tue 1/09/20 ID: 1

Finish: Tue 1/09/20 Dur: 0.5 days

Comp: 0%

**Works commence**

Start: Tue 1/09/20 ID: 3

Finish: Tue 29/09/20 Dur: 20.13 days

Comp: 0%

**Order all materials from quotation take**

Start: Tue 1/09/20 ID: 2

Finish: Tue 1/09/20 Dur: 0.5 days

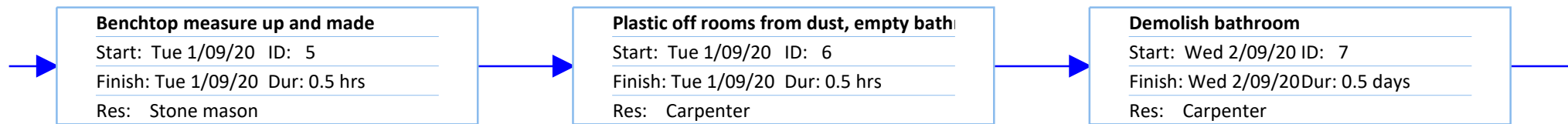
Res: Project manager

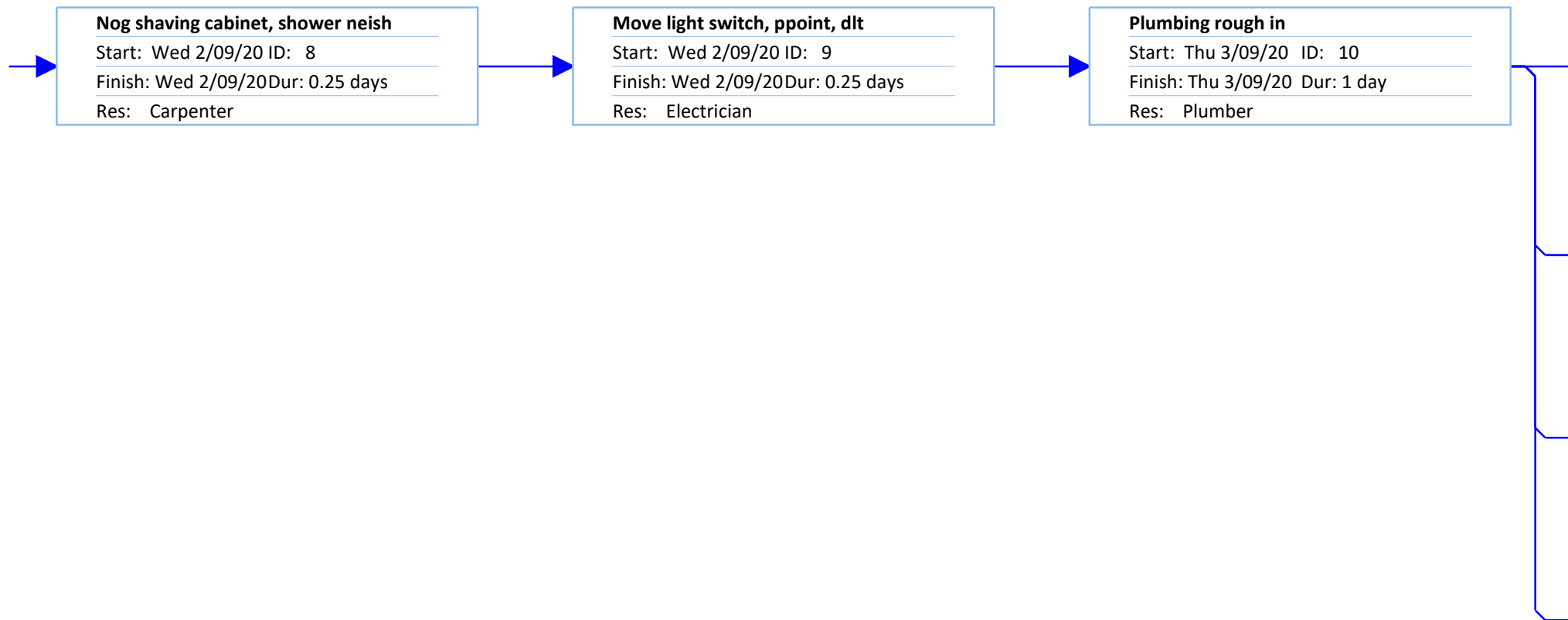
**Cabinetry measure up and made**

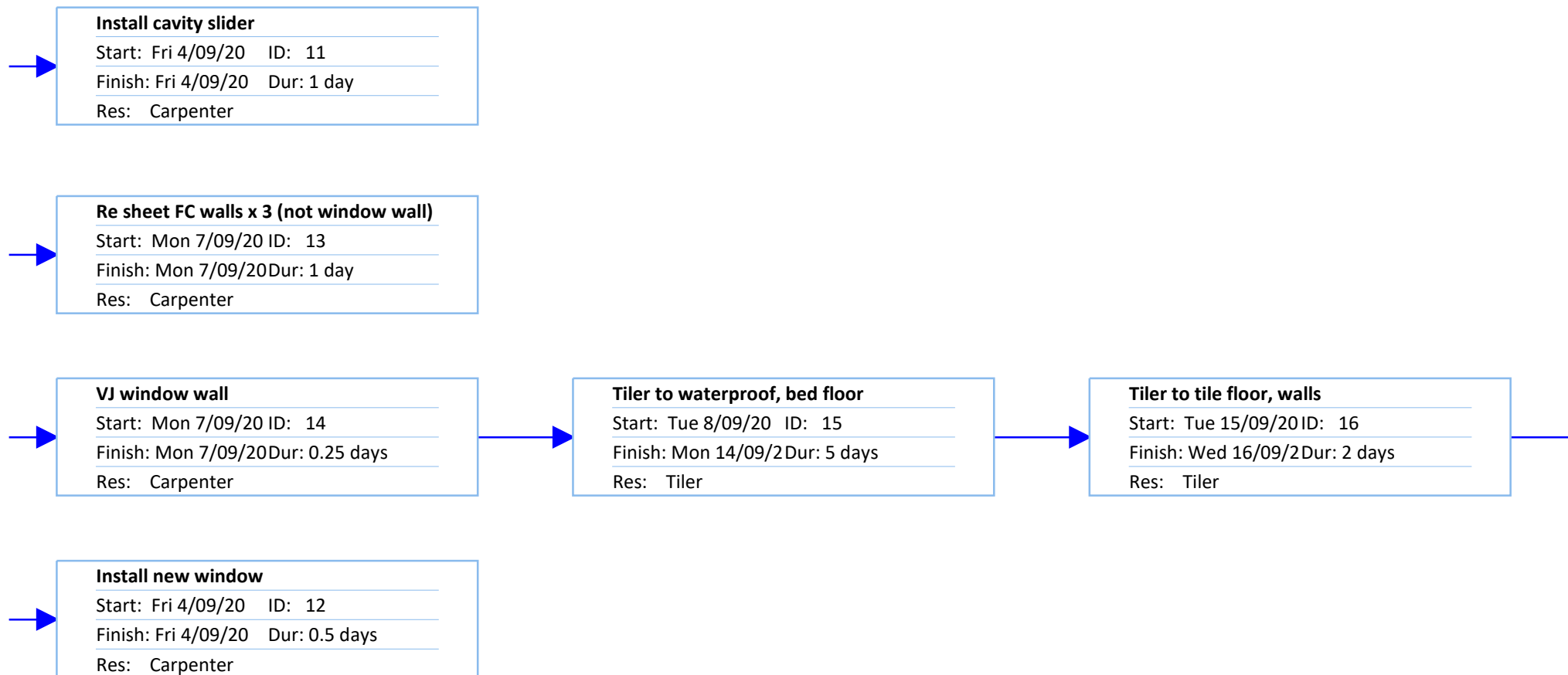
Start: Tue 1/09/20 ID: 4

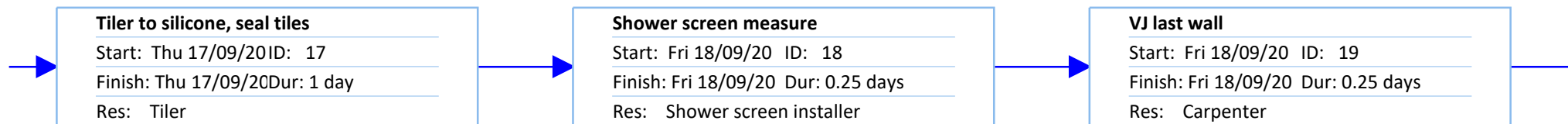
Finish: Tue 1/09/20 Dur: 0.5 hrs

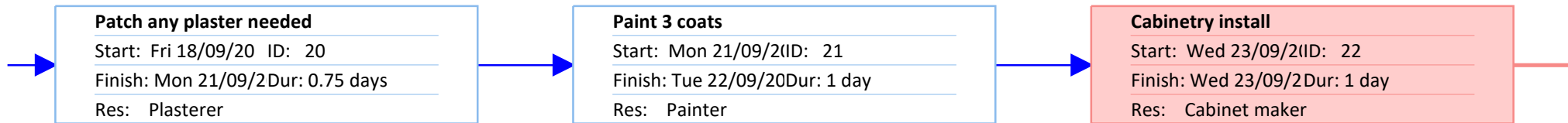
Res: Cabinet maker

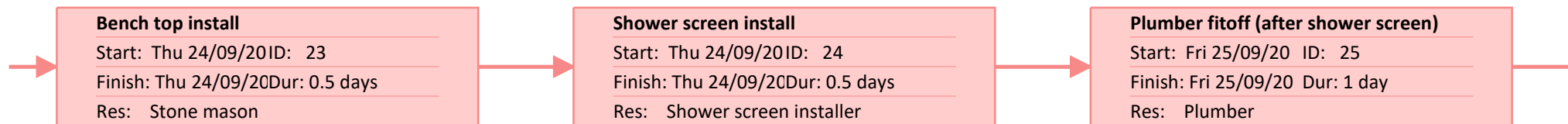


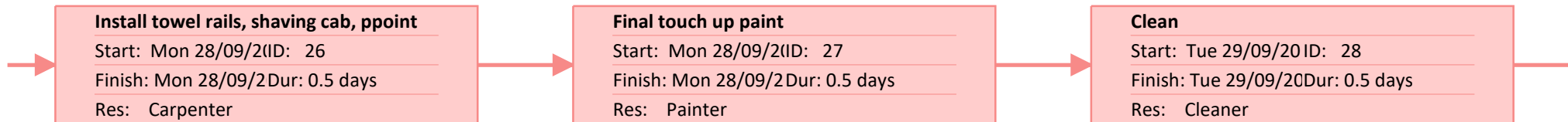














**Handover**

---

Start: Tue 29/09/20 ID: 29

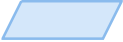
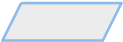
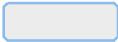
---

Finish: Tue 29/09/20 Dur: 1 hr

---

Res: Project manager



|                                                     |                    |                                                                                     |                   |                                                                                       |                   |                                                                                       |                         |                                                                                       |
|-----------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------|
| Project: Our bathroom project<br>Date: Sun 30/08/20 | Critical           |  | Critical Summary  |  | Critical Marked   |  | Project Summary         |  |
|                                                     | Noncritical        |  | Summary           |  | Marked            |  | Highlighted Critical    |  |
|                                                     | Critical Milestone |  | Critical Inserted |  | Critical External |  | Highlighted Noncritical |  |
|                                                     | Milestone          |  | Inserted          |  | External          |  |                         |                                                                                       |

## **Manage project time – Practical task 1**

1.2d

Progress is reviewed daily and the schedule is kept up to date.

When there is changes to the trade dates, the contractor is called and then a revised program sent through via email.

Any changes to the final completion date has to be agreed with by the client and my director.

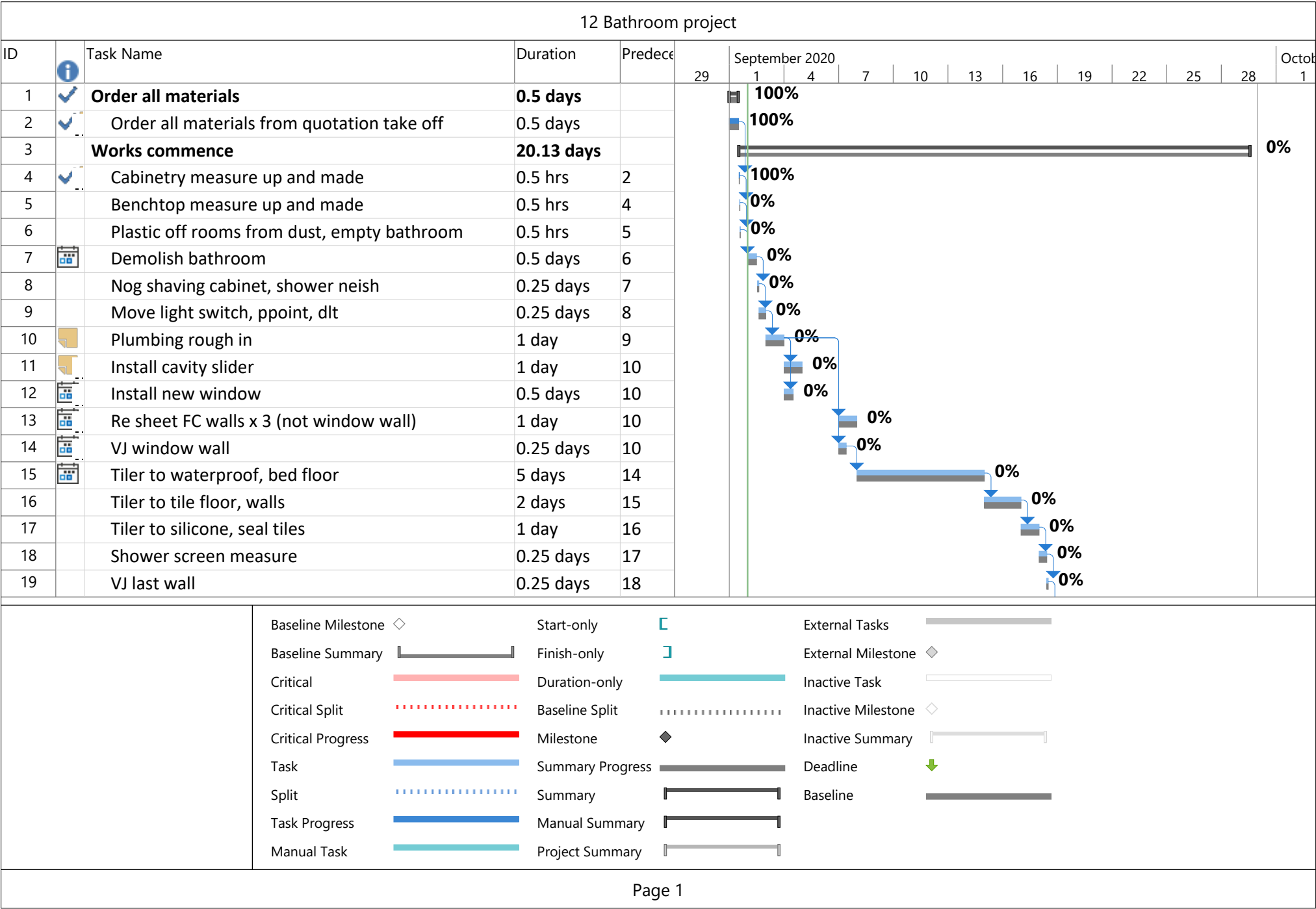
1.3a

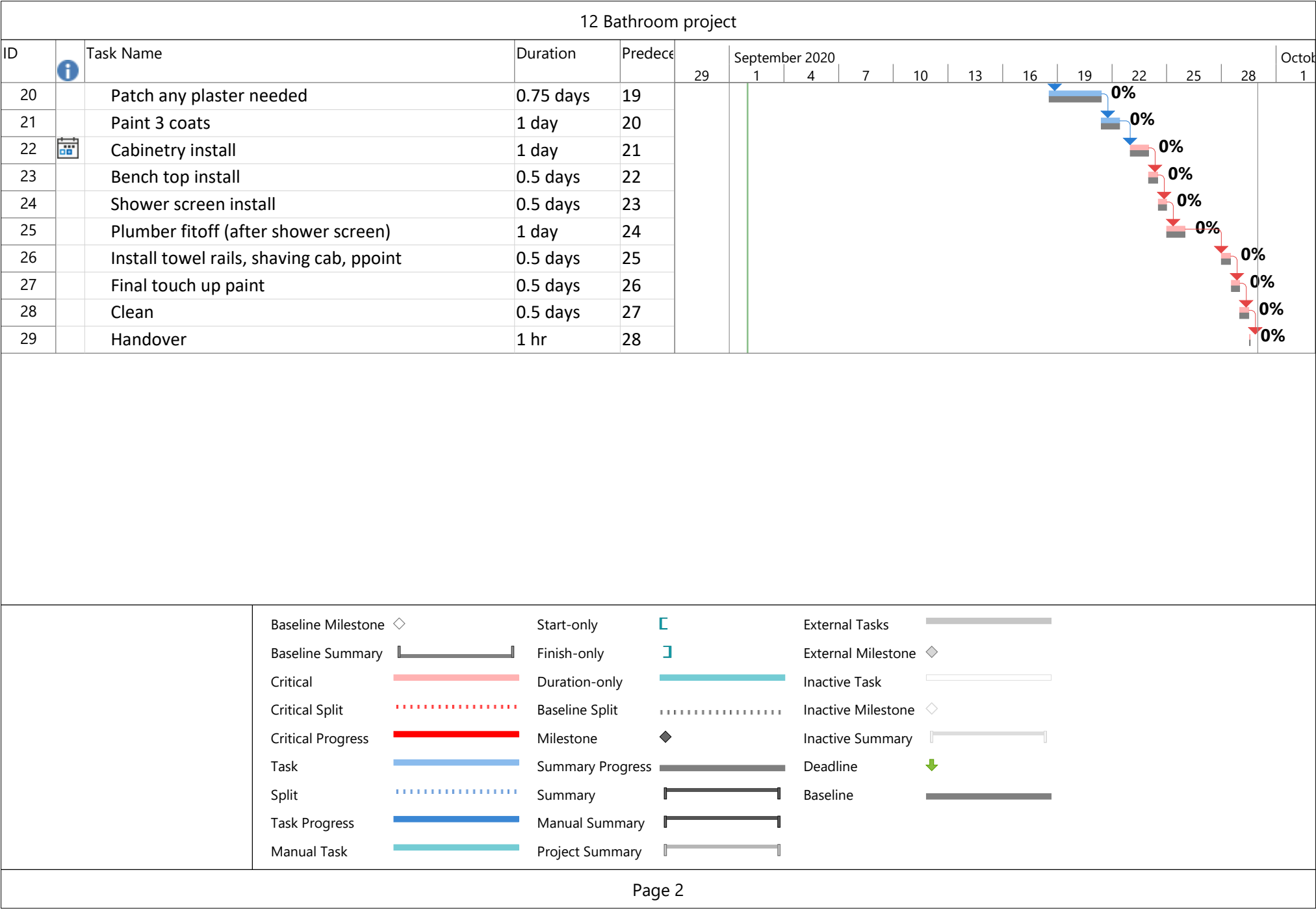
After review of schedule performance records, it seems the time management system is effective.

This is due to communication between the project manager and each trade to develop a realistic program for all to adhere to.

1.3b

One issue with time management is the tiler. They estimate way too much time to complete their works which then condenses everyone else's time to complete the project. We have to manage them to get their works done faster.





# 12 Bathroom project

October 2020

November 2020

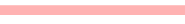
December 2020

1 4 7 10 13 16 19 22 25 28 31 3 6 9 12 15 18 21 24 27 30 3 6 9

0%

Baseline Milestone ◇

Baseline Summary 

Critical 

Critical Split 

Critical Progress 

Task 

Split 

Task Progress 

Manual Task 

Start-only 

Finish-only 

Duration-only 

Baseline Split 

Milestone 

Summary Progress 

Summary 

Manual Summary 

Project Summary 

External Tasks 

External Milestone 

Inactive Task 

Inactive Milestone 

Inactive Summary 

Deadline 

Baseline 

## 12 Bathroom project

October 2020

November 2020

December 2020

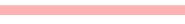
1 4 7 10 13 16 19 22 25 28 31 3 6 9 12 15 18 21 24 27 30 3 6 9

%  
0%  
0%

This has been discussed with the individual contractors to determine timeframes.  
The finalised Gantt chart was then emailed to the contractors.

Baseline Milestone ◇

Baseline Summary 

Critical 

Critical Split 

Critical Progress 

Task 

Split 

Task Progress 

Manual Task 

Start-only

Finish-only

Duration-only

Baseline Split

Milestone

Summary Progress

Summary

Manual Summary

Project Summary



















External Tasks

External Milestone

Inactive Task

Inactive Milestone

Inactive Summary

Deadline

Baseline







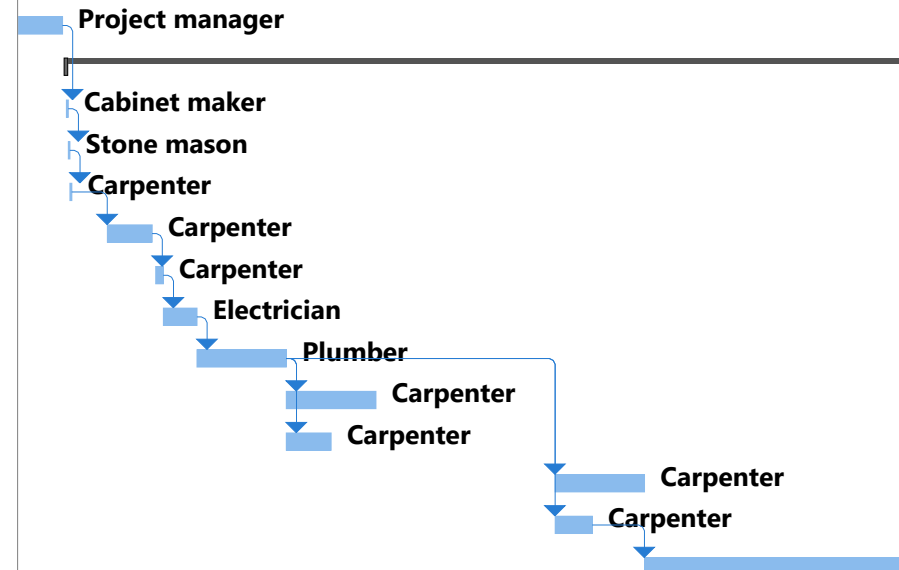






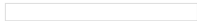


| ID | Task Name                                   | Duration          | Predecessor | 31 Aug '20 | M | T | W | T | F | S | S | 7 Sep '20 | M | T | W | T |
|----|---------------------------------------------|-------------------|-------------|------------|---|---|---|---|---|---|---|-----------|---|---|---|---|
| 1  | <b>Order all materials</b>                  | <b>0.5 days</b>   |             |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 2  | Order all materials from quotation take off | 0.5 days          |             |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 3  | <b>Works commence</b>                       | <b>20.13 days</b> |             |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 4  | Cabinetry measure up and made               | 0.5 hrs           | 2           |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 5  | Benchtop measure up and made                | 0.5 hrs           | 4           |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 6  | Plastic off rooms from dust, empty bathroom | 0.5 hrs           | 5           |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 7  | Demolish bathroom                           | 0.5 days          | 6           |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 8  | Nog shaving cabinet, shower neish           | 0.25 days         | 7           |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 9  | Move light switch, ppoint, dlt              | 0.25 days         | 8           |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 10 | Plumbing rough in                           | 1 day             | 9           |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 11 | Install cavity slider                       | 1 day             | 10          |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 12 | Install new window                          | 0.5 days          | 10          |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 13 | Re sheet FC walls x 3 (not window wall)     | 1 day             | 10          |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 14 | VJ window wall                              | 0.25 days         | 10          |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 15 | Tiler to waterproof, bed floor              | 5 days            | 14          |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 16 | Tiler to tile floor, walls                  | 2 days            | 15          |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 17 | Tiler to silicone, seal tiles               | 1 day             | 16          |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 18 | Shower screen measure                       | 0.25 days         | 17          |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 19 | VJ last wall                                | 0.25 days         | 18          |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 20 | Patch any plaster needed                    | 0.75 days         | 19          |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 21 | Paint 3 coats                               | 1 day             | 20          |            |   |   |   |   |   |   |   |           |   |   |   |   |
| 22 | Cabinetry install                           | 1 day             | 21          |            |   |   |   |   |   |   |   |           |   |   |   |   |

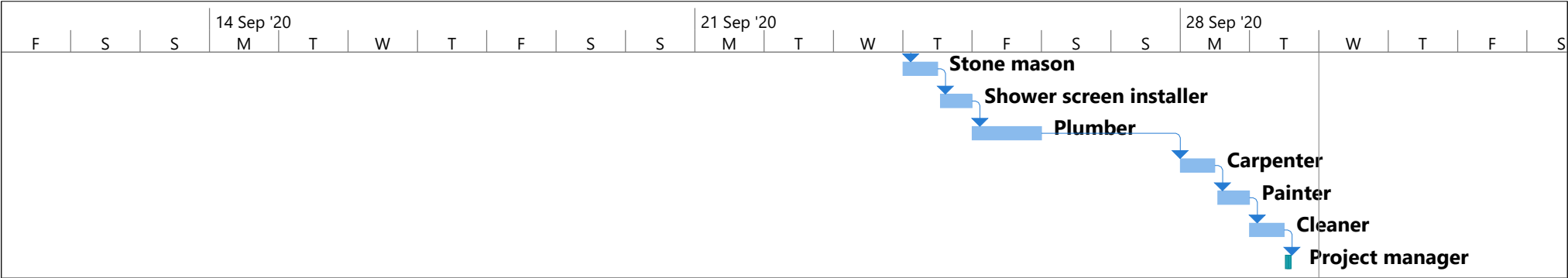


|                                                     |                    |  |                       |  |                    |  |
|-----------------------------------------------------|--------------------|--|-----------------------|--|--------------------|--|
| Project: Our bathroom project<br>Date: Sun 30/08/20 | Task               |  | Inactive Summary      |  | External Tasks     |  |
|                                                     | Split              |  | Manual Task           |  | External Milestone |  |
|                                                     | Milestone          |  | Duration-only         |  | Deadline           |  |
|                                                     | Summary            |  | Manual Summary Rollup |  | Progress           |  |
|                                                     | Project Summary    |  | Manual Summary        |  | Manual Progress    |  |
|                                                     | Inactive Task      |  | Start-only            |  |                    |  |
|                                                     | Inactive Milestone |  | Finish-only           |  |                    |  |

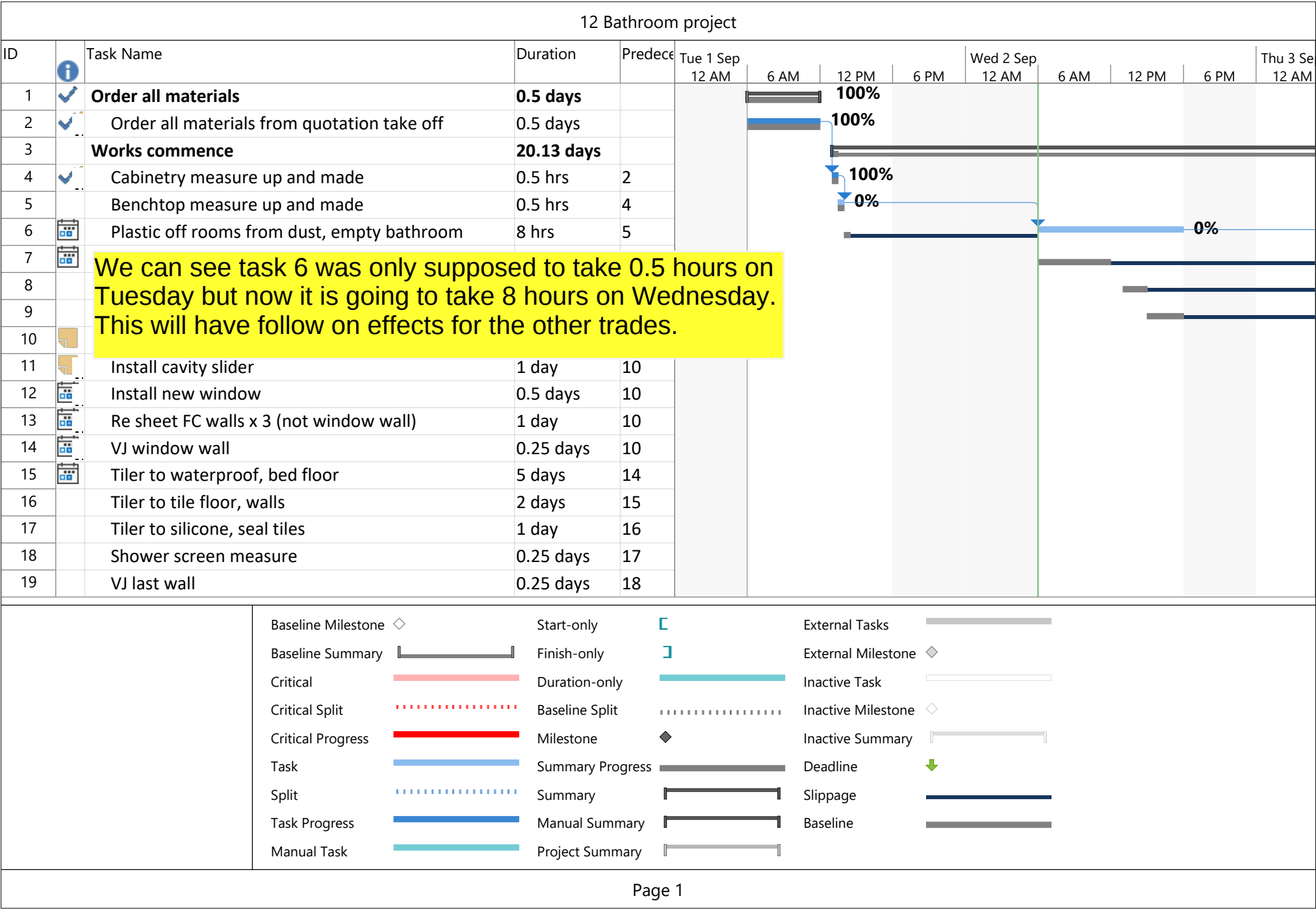
| ID |  | Task Name                                | Duration | Predecessor | 31 Aug '20 |   |   |   |   |   |   | 7 Sep '20 |   |   |   |
|----|-----------------------------------------------------------------------------------|------------------------------------------|----------|-------------|------------|---|---|---|---|---|---|-----------|---|---|---|
|    |                                                                                   |                                          |          |             | M          | T | W | T | F | S | S | M         | T | W | T |
| 23 |                                                                                   | Bench top install                        | 0.5 days | 22          |            |   |   |   |   |   |   |           |   |   |   |
| 24 |                                                                                   | Shower screen install                    | 0.5 days | 23          |            |   |   |   |   |   |   |           |   |   |   |
| 25 |                                                                                   | Plumber fitoff (after shower screen)     | 1 day    | 24          |            |   |   |   |   |   |   |           |   |   |   |
| 26 |                                                                                   | Install towel rails, shaving cab, ppoint | 0.5 days | 25          |            |   |   |   |   |   |   |           |   |   |   |
| 27 |                                                                                   | Final touch up paint                     | 0.5 days | 26          |            |   |   |   |   |   |   |           |   |   |   |
| 28 |                                                                                   | Clean                                    | 0.5 days | 27          |            |   |   |   |   |   |   |           |   |   |   |
| 29 |                                                                                   | Handover                                 | 1 hr     | 28          |            |   |   |   |   |   |   |           |   |   |   |

|                                                     |                    |                                                                                     |                       |                                                                                       |                    |                                                                                       |
|-----------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|
| Project: Our bathroom project<br>Date: Sun 30/08/20 | Task               |  | Inactive Summary      |  | External Tasks     |  |
|                                                     | Split              |  | Manual Task           |  | External Milestone |  |
|                                                     | Milestone          |  | Duration-only         |  | Deadline           |  |
|                                                     | Summary            |  | Manual Summary Rollup |  | Progress           |  |
|                                                     | Project Summary    |  | Manual Summary        |  | Manual Progress    |  |
|                                                     | Inactive Task      |  | Start-only            |  |                    |                                                                                       |
|                                                     | Inactive Milestone |  | Finish-only           |  |                    |                                                                                       |





|                                                     |                    |                                                                                     |                       |                                                                                       |                    |                                                                                       |
|-----------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|
| Project: Our bathroom project<br>Date: Sun 30/08/20 | Task               |  | Inactive Summary      |  | External Tasks     |  |
|                                                     | Split              |  | Manual Task           |  | External Milestone |  |
|                                                     | Milestone          |  | Duration-only         |  | Deadline           |  |
|                                                     | Summary            |  | Manual Summary Rollup |  | Progress           |  |
|                                                     | Project Summary    |  | Manual Summary        |  | Manual Progress    |  |
|                                                     | Inactive Task      |  | Start-only            |  |                    |                                                                                       |
|                                                     | Inactive Milestone |  | Finish-only           |  |                    |                                                                                       |



|                     |
|---------------------|
| 12 Bathroom project |
|---------------------|

| ID |  | Task Name                                | Duration  | Predecessor | Tue 1 Sep |      |       |      | Wed 2 Sep |      |       |      | Thu 3 Sep |
|----|-----------------------------------------------------------------------------------|------------------------------------------|-----------|-------------|-----------|------|-------|------|-----------|------|-------|------|-----------|
|    |                                                                                   |                                          |           |             | 12 AM     | 6 AM | 12 PM | 6 PM | 12 AM     | 6 AM | 12 PM | 6 PM | 12 AM     |
| 20 |                                                                                   | Patch any plaster needed                 | 0.75 days | 19          |           |      |       |      |           |      |       |      |           |
| 21 |                                                                                   | Paint 3 coats                            | 1 day     | 20          |           |      |       |      |           |      |       |      |           |
| 22 |  | Cabinetry install                        | 1 day     | 21          |           |      |       |      |           |      |       |      |           |
| 23 |                                                                                   | Bench top install                        | 0.5 days  | 22          |           |      |       |      |           |      |       |      |           |
| 24 |                                                                                   | Shower screen install                    | 0.5 days  | 23          |           |      |       |      |           |      |       |      |           |
| 25 |                                                                                   | Plumber fitoff (after shower screen)     | 1 day     | 24          |           |      |       |      |           |      |       |      |           |
| 26 |                                                                                   | Install towel rails, shaving cab, ppoint | 0.5 days  | 25          |           |      |       |      |           |      |       |      |           |
| 27 |                                                                                   | Final touch up paint                     | 0.5 days  | 26          |           |      |       |      |           |      |       |      |           |
| 28 |                                                                                   | Clean                                    | 0.5 days  | 27          |           |      |       |      |           |      |       |      |           |
| 29 |                                                                                   | Handover                                 | 1 hr      | 28          |           |      |       |      |           |      |       |      |           |

|                    |                                                                                     |                  |                                                                                       |                    |                                                                                       |
|--------------------|-------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|
| Baseline Milestone |  | Start-only       |  | External Tasks     |  |
| Baseline Summary   |  | Finish-only      |  | External Milestone |  |
| Critical           |  | Duration-only    |  | Inactive Task      |  |
| Critical Split     |  | Baseline Split   |  | Inactive Milestone |  |
| Critical Progress  |  | Milestone        |  | Inactive Summary   |  |
| Task               |  | Summary Progress |  | Deadline           |  |
| Split              |  | Summary          |  | Slippage           |  |
| Task Progress      |  | Manual Summary   |  | Baseline           |  |
| Manual Task        |  | Project Summary  |  |                    |                                                                                       |

12 Bathroom project

Thu 3 Sep 12 AM 6 AM 12 PM 6 PM Fri 4 Sep 12 AM 6 AM 12 PM 6 PM Sat 5 Sep 12 AM 6 AM 12 PM 6 PM Sun 6 Sep 12 AM 6 AM 12 PM 6 PM Mon 7 Sep 12 AM 6 AM

0% 0% 0% 0%

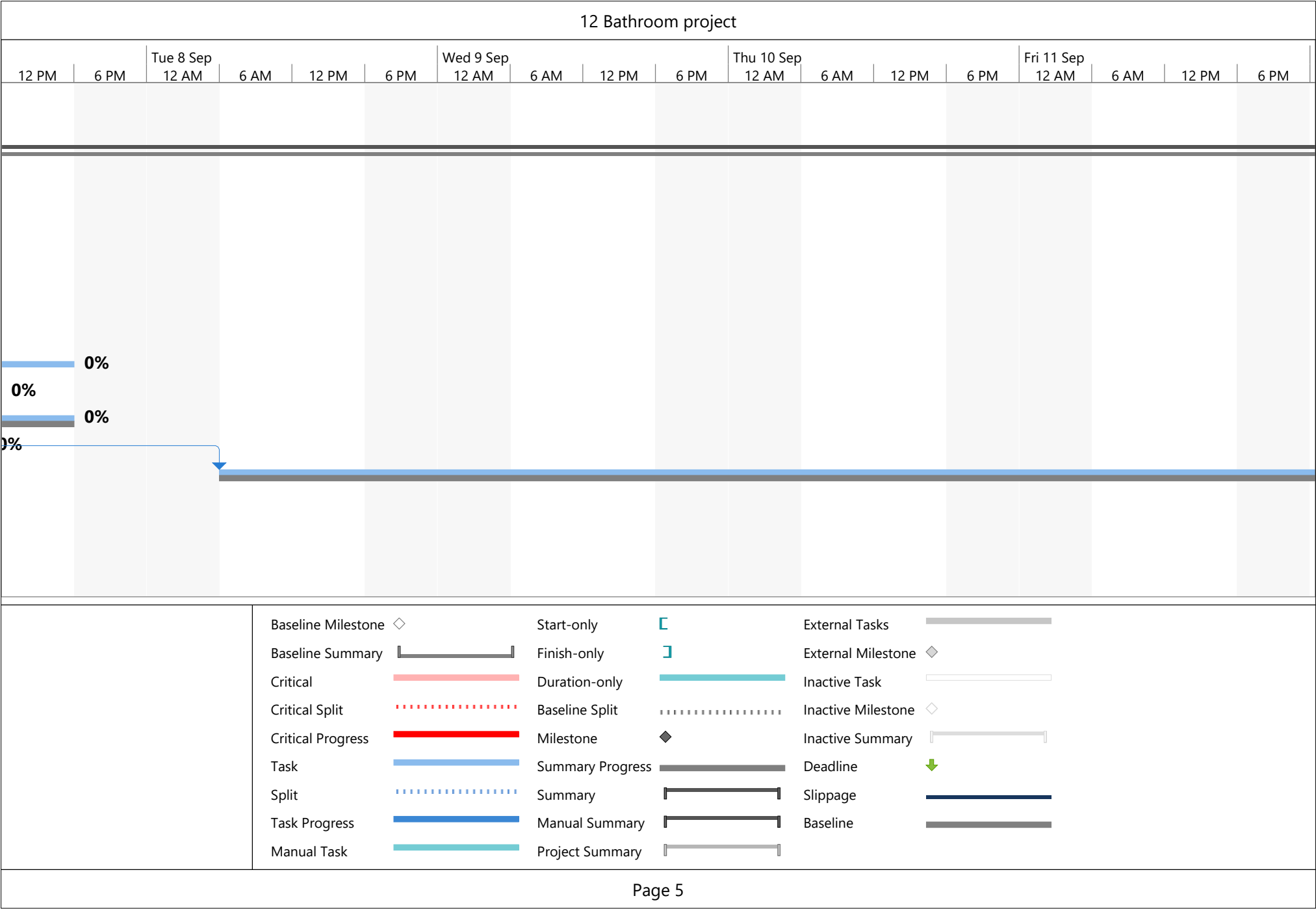
1.2c and 1.2e The carpenter has extra labour available to complete tasks 11,12,13,14 in a day, this will prevent the project completion date going over.

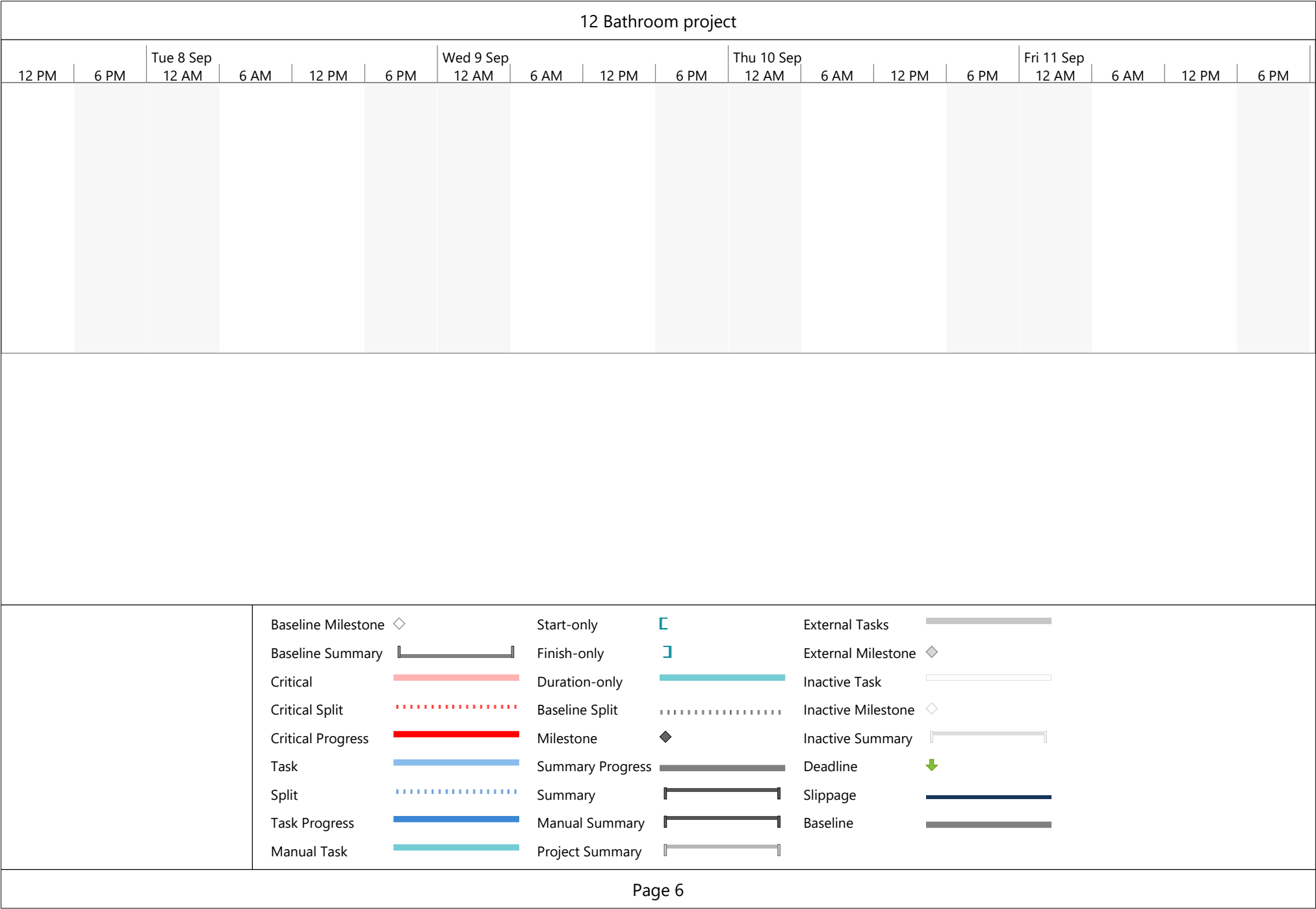
|                    |  |                  |  |                    |  |
|--------------------|--|------------------|--|--------------------|--|
| Baseline Milestone |  | Start-only       |  | External Tasks     |  |
| Baseline Summary   |  | Finish-only      |  | External Milestone |  |
| Critical           |  | Duration-only    |  | Inactive Task      |  |
| Critical Split     |  | Baseline Split   |  | Inactive Milestone |  |
| Critical Progress  |  | Milestone        |  | Inactive Summary   |  |
| Task               |  | Summary Progress |  | Deadline           |  |
| Split              |  | Summary          |  | Slippage           |  |
| Task Progress      |  | Manual Summary   |  | Baseline           |  |
| Manual Task        |  | Project Summary  |  |                    |  |

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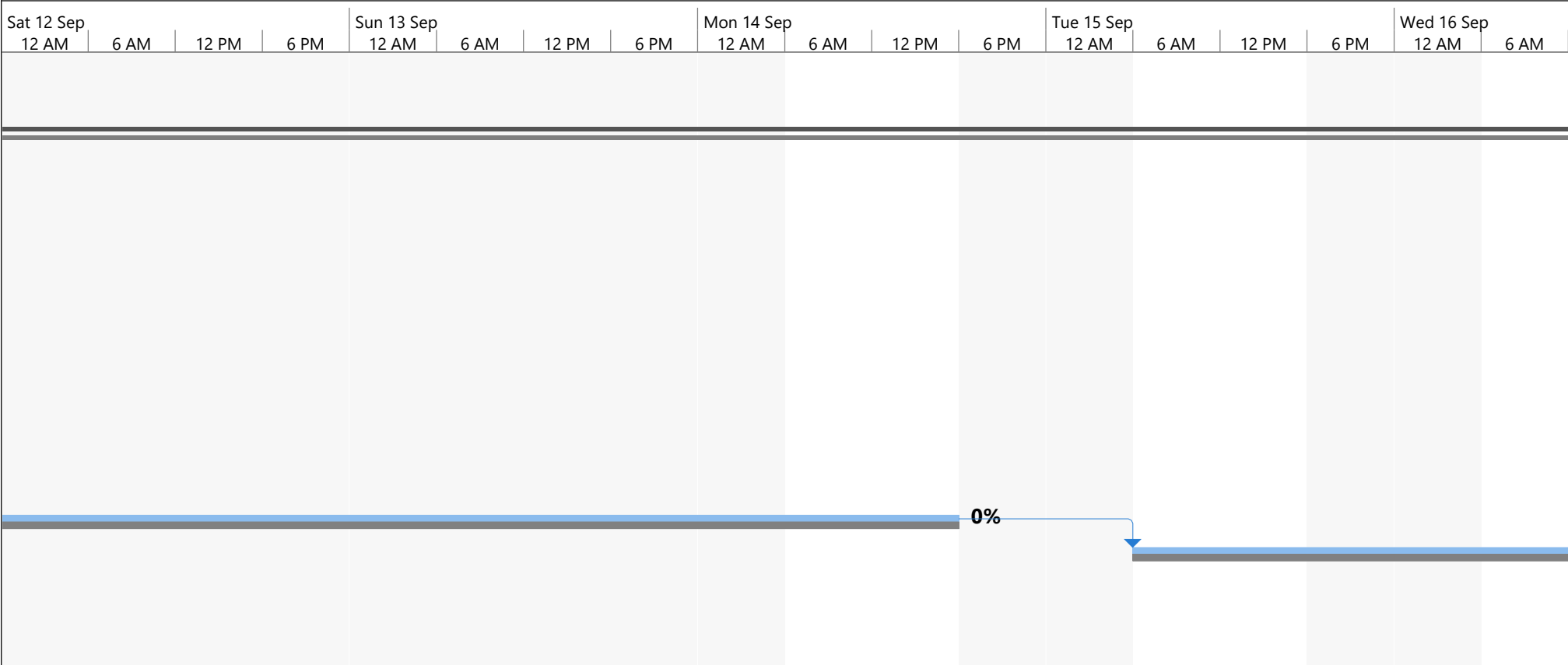
[illegible]

|                    |                                                                                     |                  |                                                                                       |                    |                                                                                       |
|--------------------|-------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|
| Baseline Milestone |  | Start-only       |  | External Tasks     |  |
| Baseline Summary   |  | Finish-only      |  | External Milestone |  |
| Critical           |  | Duration-only    |  | Inactive Task      |  |
| Critical Split     |  | Baseline Split   |  | Inactive Milestone |  |
| Critical Progress  |  | Milestone        |  | Inactive Summary   |  |
| Task               |  | Summary Progress |  | Deadline           |  |
| Split              |  | Summary          |  | Slippage           |  |
| Task Progress      |  | Manual Summary   |  | Baseline           |  |
| Manual Task        |  | Project Summary  |  |                    |                                                                                       |

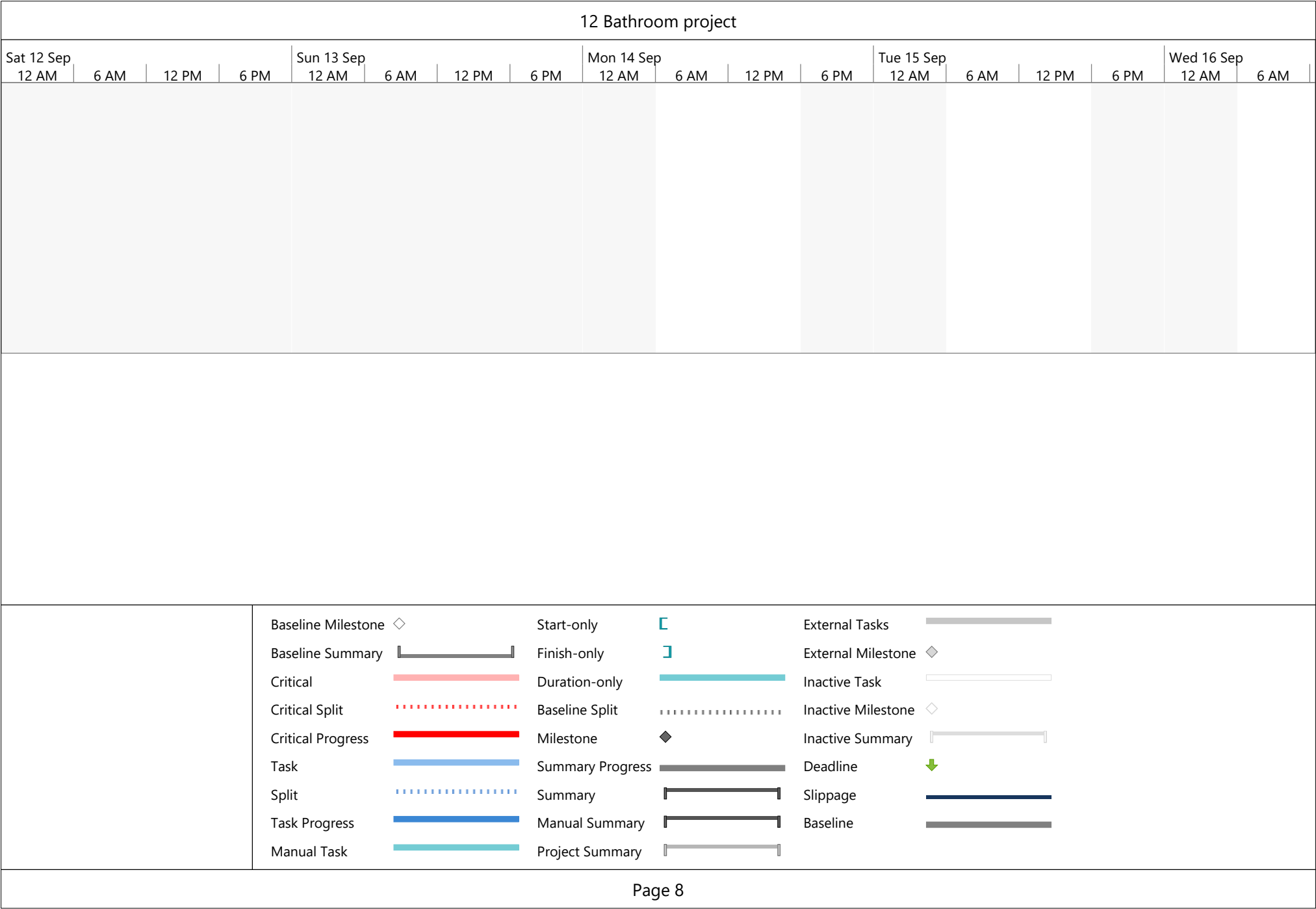




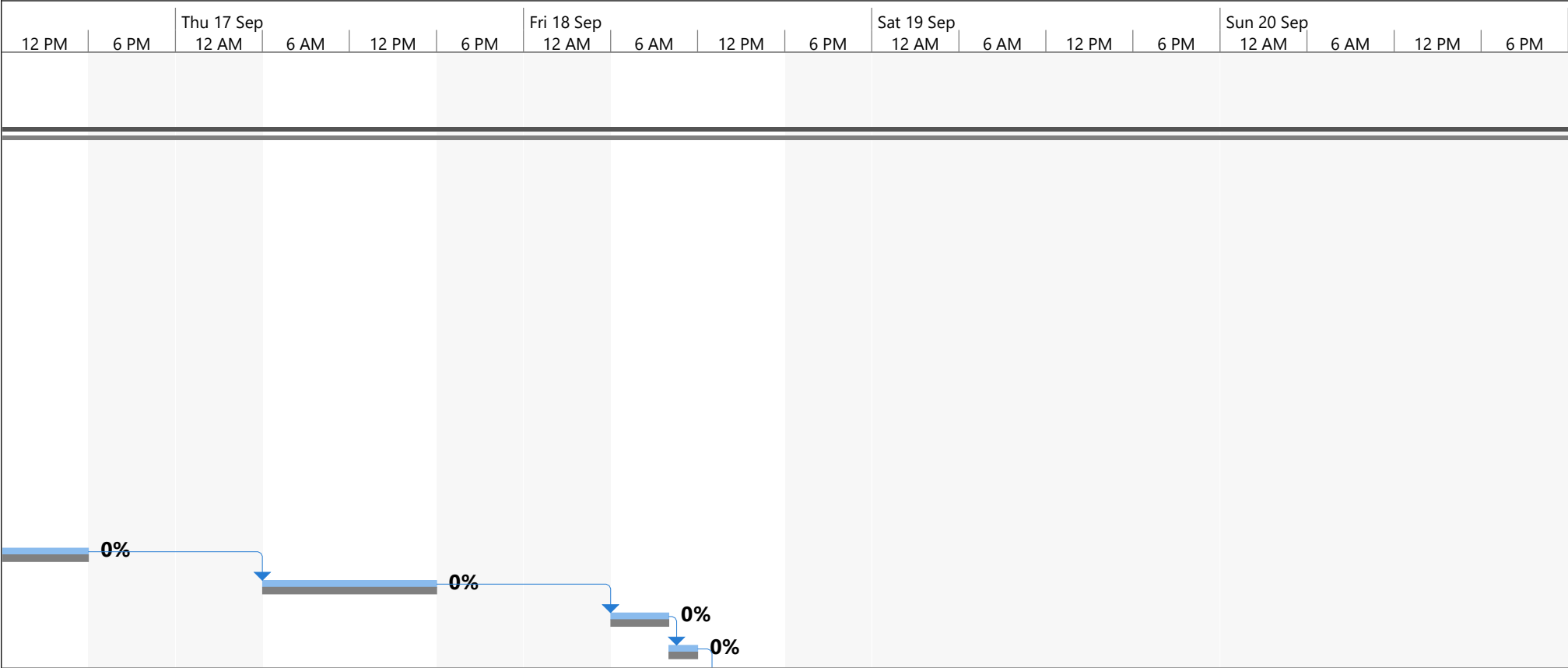
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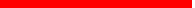


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|--------------------|-------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|
| Baseline Milestone |  | Start-only       |  | External Tasks     |  |
| Baseline Summary   |  | Finish-only      |  | External Milestone |  |
| Critical           |  | Duration-only    |  | Inactive Task      |  |
| Critical Split     |  | Baseline Split   |  | Inactive Milestone |  |
| Critical Progress  |  | Milestone        |  | Inactive Summary   |  |
| Task               |  | Summary Progress |  | Deadline           |  |
| Split              |  | Summary          |  | Slippage           |  |
| Task Progress      |  | Manual Summary   |  | Baseline           |  |
| Manual Task        |  | Project Summary  |  |                    |                                                                                       |

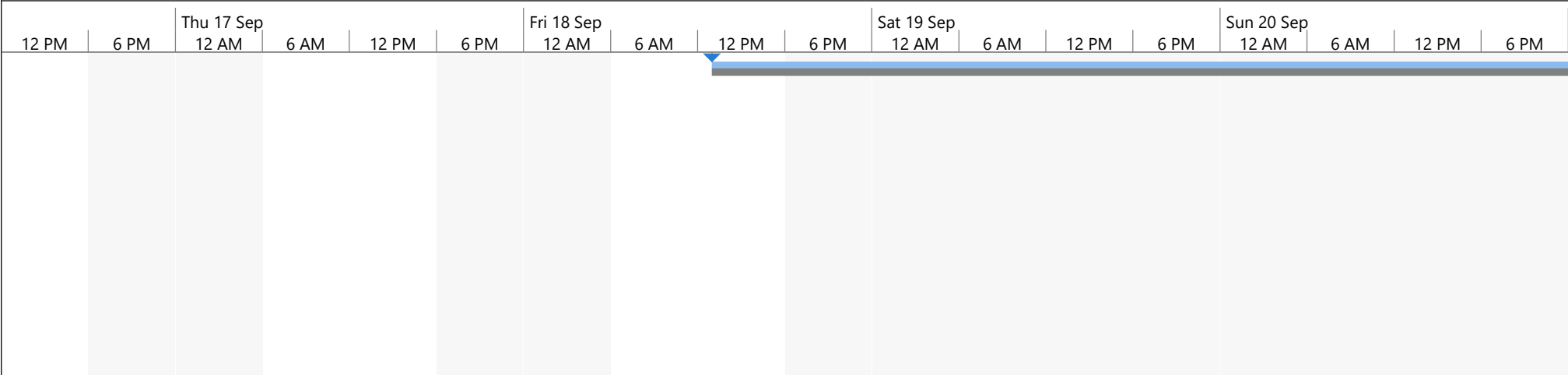


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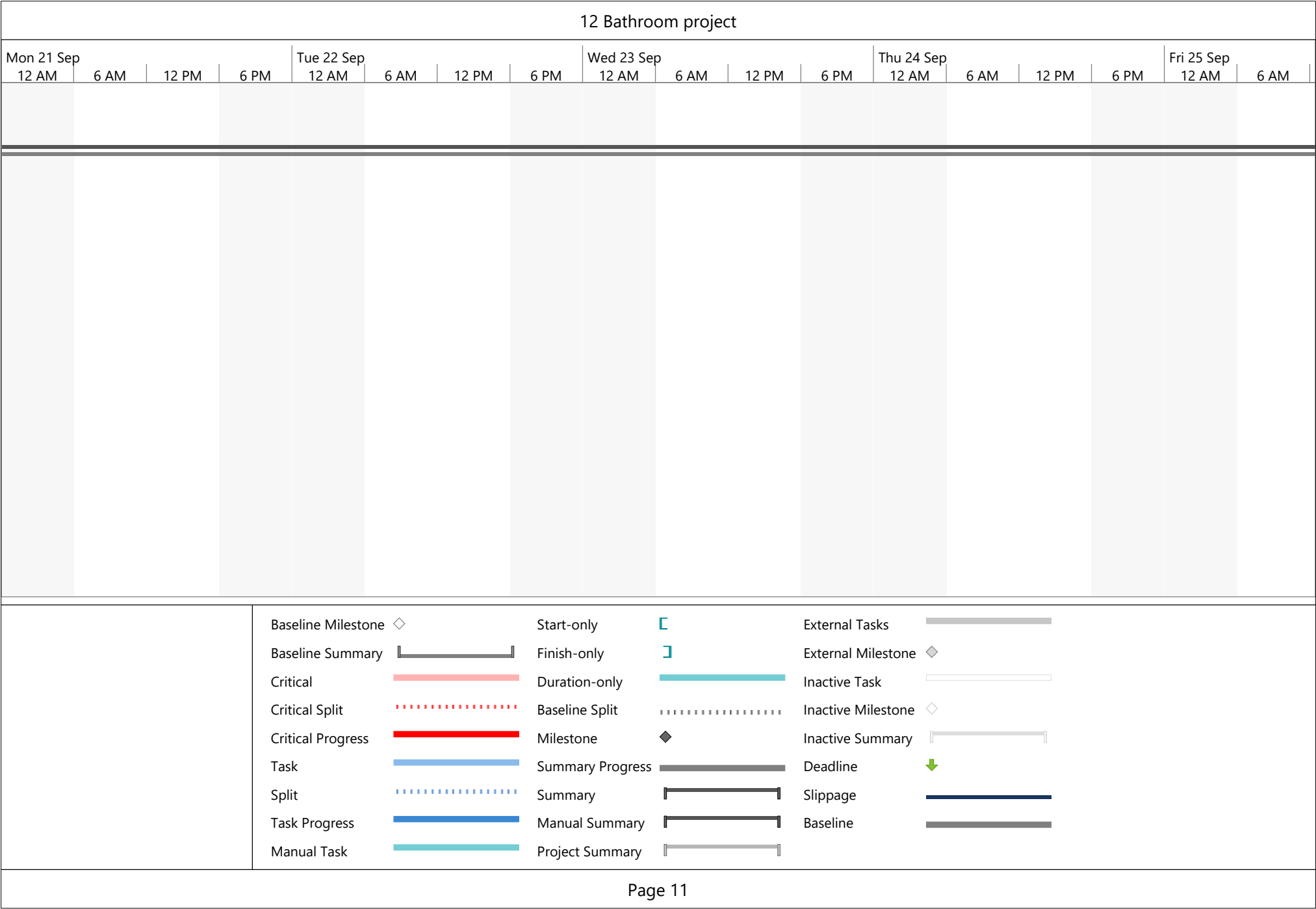


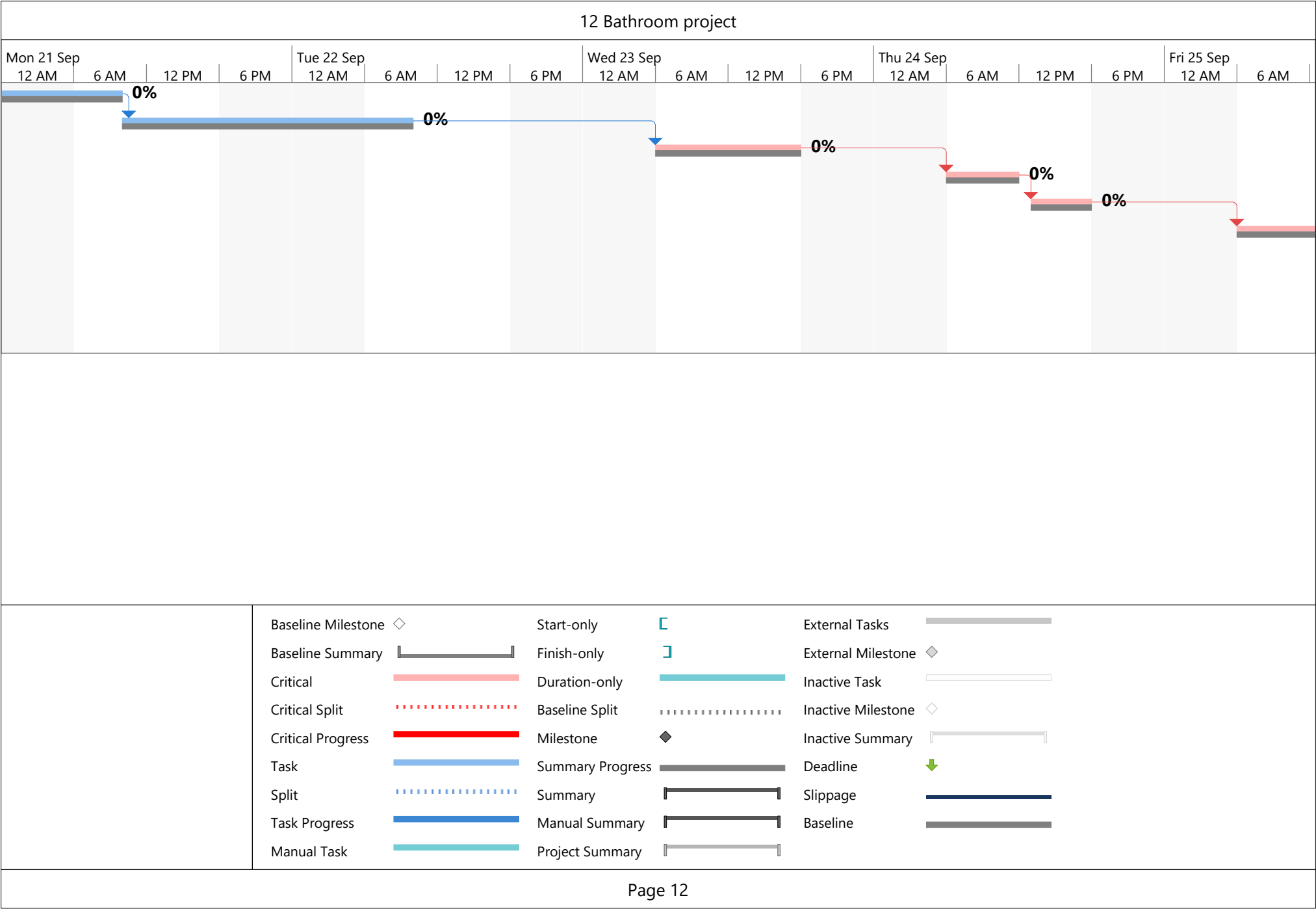
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|--------------------|-------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|
| Baseline Milestone |  | Start-only       |  | External Tasks     |  |
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| Task Progress      |  | Manual Summary   |  | Baseline           |  |
| Manual Task        |  | Project Summary  |  |                    |                                                                                       |

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| Baseline Milestone |  | Start-only       |  | External Tasks     |  |
| Baseline Summary   |  | Finish-only      |  | External Milestone |  |
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| Task Progress      |  | Manual Summary   |  | Baseline           |  |
| Manual Task        |  | Project Summary  |  |                    |                                                                                       |





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