

FM 521 Ft. BEND SCHEDULE [PRE-DESIGN]

| ID | Task Name  | Duration        | Start              | Finish              | Predecessors | 2015  |       |       |       | 2016  |       |       |       | 2017  |       |       |       | 2018  |       |       |       | 2019  |       |       |       | 2020  |       |       |       |
|----|--|-----------------|--------------------|---------------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|    |  |                 |                    |                     |              | Qtr 1 | Qtr 2 | Qtr 3 | Qtr 4 | Qtr 1 | Qtr 2 | Qtr 3 | Qtr 4 | Qtr 1 | Qtr 2 | Qtr 3 | Qtr 4 | Qtr 1 | Qtr 2 | Qtr 3 | Qtr 4 | Qtr 1 | Qtr 2 | Qtr 3 | Qtr 4 | Qtr 1 | Qtr 2 | Qtr 3 | Qtr 4 |
| 1  | Transportation Policy Council Approval of Project            | 1 day           | Mon 5/18/15        | Mon 5/18/15         |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 2  | Ft. Bend County - Dannenbaum Agreement Approved              | 1 day           | Mon 9/14/15        | Mon 9/14/15         | 1            |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 3  | Ft. Bend County - TxDOT AFA Approved                         | 1 day           | Mon 11/16/15       | Mon 11/16/15        | 1            |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 4  | Ft. Bend County Commissioners Court Approval of Project      | 1 day           | Tue 2/24/15        | Tue 2/24/15         |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 5  | Ft. Bend County Issues Notice to Proceed                     | 1 day           | Wed 2/25/15        | Wed 2/25/15         | 4            |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 6  |  |                 |                    |                     |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 7  |  |                 |                    |                     |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 8  |  |                 |                    |                     |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 9  | <b>ENVIRONMENTAL [EA]</b>                                    | <b>315 days</b> | Wed 8/5/15         | Tue 10/18/16        |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 10 | Prepare Report   | 120 days        | Wed 8/5/15         | Tue 1/19/16         | 31SS         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 11 | Submit to District/ENV                                       | 65 days         | Wed 1/20/16        | Tue 4/19/16         | 10           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 12 | Resource Agency Review - Completed                           | 1 day           | Wed 1/20/16        | Wed 1/20/16         | 10           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 13 | Public Meeting, Receive Public Comments - Completed          | 1 day           | Mon 5/23/16        | Mon 5/23/16         | 11           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 14 | District/ENV Review  | 25 days         | Tue 5/24/16        | Mon 6/27/16         | 11           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 15 | Revise Report  | 10 days         | Tue 6/28/16        | Mon 7/11/16         | 14           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 16 | <b>FHWA Review</b>   | <b>71 days</b>  | <b>Tue 7/12/16</b> | <b>Tue 10/18/16</b> |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 17 | Submit to FHWA   | 1 day           | Tue 7/12/16        | Tue 7/12/16         | 15           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 18 | FHWA Review  | 30 days         | Wed 7/13/16        | Tue 8/23/16         | 17           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 19 | Address FHWA Comments  | 10 days         | Wed 8/24/16        | Tue 9/6/16          | 18           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 20 | Revise Report  | 10 days         | Wed 9/7/16         | Tue 9/20/16         | 19           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 21 | FHWA Review and Issue FONSI                                  | 20 days         | Wed 9/21/16        | Tue 10/18/16        | 20           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 22 |  |                 |                    |                     |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 23 |  |                 |                    |                     |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 24 | <b>PRELIMINARY ENGINEERING</b>                               | <b>167 days</b> | Mon 3/2/15         | Tue 10/20/15        |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 25 | Design   | 112 days        | Mon 3/2/15         | Tue 8/4/15          | 5            |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 26 | Surveying  | 90 days         | Mon 3/2/15         | Fri 7/3/15          | 25SS         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 27 | Geotechnical - Roadway and Bridge Borings                    | 76 days         | Mon 4/6/15         | Mon 7/20/15         | 25SS         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 28 | SUE  | 26 days         | Mon 4/6/15         | Mon 5/11/15         | 25SS         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 29 | Utility Coordination [30%]                                   | 127 days        | Mon 4/6/15         | Tue 9/29/15         | 25SS         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 30 | Drainage Impact Study  | 140 days        | Mon 3/2/15         | Fri 9/11/15         | 25SS         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 31 | Preliminary Engineering Submittal                            | 25 days         | Wed 8/5/15         | Tue 9/8/15          | 25           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 32 | District Review  | 15 days         | Wed 9/9/15         | Tue 9/29/15         | 31           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 33 | Revise Preliminary Engineering                               | 15 days         | Wed 9/30/15        | Tue 10/20/15        | 32           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 34 |  |                 |                    |                     |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 35 |  |                 |                    |                     |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 36 | <b>PS&amp;E</b>  | <b>262 days</b> | Mon 10/26/15       | Tue 10/25/16        |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 37 | Design   | 226 days        | Mon 10/26/15       | Mon 9/5/16          | 33           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 38 | Surveying  | 20 days         | Mon 10/26/15       | Fri 11/20/15        | 37SS         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 39 | Geotechnical - Offsite Drainage Features Borings (if needed) | 51 days         | Mon 11/23/15       | Mon 2/1/16          | 37SS         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 40 | Utility Coordination [100%]                                  | 216 days        | Mon 10/26/15       | Mon 8/22/16         | 37SS         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 41 | Final Engineering Submittal                                  | 1 day           | Tue 9/6/16         | Tue 9/6/16          | 37           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 42 | District/Division Review                                     | 25 days         | Wed 9/7/16         | Tue 10/11/16        | 41           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 43 | Revise Final Engineering                                     | 10 days         | Wed 10/12/16       | Tue 10/25/16        | 42           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 44 |  |                 |                    |                     |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 45 |  |                 |                    |                     |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 46 |  |                 |                    |                     |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 47 | <b>CONSTRUCTION - PHASE I</b>                                | <b>413 days</b> | Mon 3/27/17        | Wed 10/24/18        |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 48 | Bid Phase  | 41 days         | Mon 3/27/17        | Mon 5/22/17         | 43           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 49 | Contractor NTP   | 1 day           | Mon 5/22/17        | Mon 5/22/17         | 48           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 50 | Construction   | 329 days        | Mon 5/22/17        | Thu 8/23/18         | 49           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 51 | Construction Inspection                                      | 329 days        | Mon 5/22/17        | Thu 8/23/18         | 49           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 52 | Construction Materials Testing                               | 329 days        | Mon 5/22/17        | Thu 8/23/18         | 49           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 53 | Project Close-Out and Prepare Record Drawings                | 44 days         | Fri 8/24/18        | Wed 10/24/18        | 50,51,52     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 54 |  |                 |                    |                     |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 55 |  |                 |                    |                     |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 56 | <b>CONSTRUCTION - PHASE II</b>                               | <b>413 days</b> | Fri 12/1/17        | Tue 7/2/19          |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 57 | Bid Phase  | 45 days         | Fri 12/1/17        | Thu 2/1/18          |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 58 | Contractor NTP   | 1 day           | Thu 2/1/18         | Thu 2/1/18          | 50,51,52,57  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 59 | Construction   | 324 days        | Thu 2/1/18         | Tue 4/30/19         | 58           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 60 | Construction Inspection                                      | 324 days        | Fri 2/2/18         | Wed 5/1/19          | 58           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 61 | Construction Materials Testing                               | 324 days        | Fri 2/2/18         | Wed 5/1/19          | 58           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 62 | Project Close-Out and Prepare Record Drawings                | 44 days         | Thu 5/2/19         | Tue 7/2/19          | 59,60,61     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |

|   |                 |                    |                    |                  |                       |             |
|---|-----------------|--------------------|--------------------|------------------|-----------------------|-------------|
| Project: FtBendSchedule1214<br>Date: Wed 1/7/15 | Task            | Summary            | External Milestone | Inactive Summary | Manual Summary Rollup | Finish-only |
| Split   | Project Summary | Inactive Task      | Manual Task        | Manual Summary   | Progress              |             |
| Milestone                                       | External Tasks  | Inactive Milestone | Duration-only      | Start-only       | Deadline              |             |