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### **Risk Mitigation Meeting Minutes #49**

| DATE:         | October 04, 2013   |
|---------------|--|
| MEETING DATE: | August 29, 2013  |
| LOCATION:     | 821 Howard Street, 2 <sup>nd</sup> Floor – Main Conference Room  |
| TIME:         | 10:00am  |
| ATTENDEES:    | John Funghi, Eric Stassevitch, Alex Clifford, Vivian Chow,<br>Beverly Ward, David Broussard, Bradley Lebovitz, Jeffrey Davis   |
| COPIES TO:    | Attendees: Albert Hoe, Richard Redmond, Roger Nguyen, Mark Benson, Jane Wang,<br>Mark Latch, Sanford Pong, Aileen Read, Chuck Morganson, Luis Zurinaga, James<br>Sampson, David Kuehn<br>File: M544.1.5.0820 |
| REFERENCE     | Project No. M544.1, Contract No. 149 Task 1-4.01<br>Program/Construction Management  |
| SUBJECT:      | Risk Management – Risk Mitigation Meeting<br>Risk Mitigation Report No. 49   |

### **RECORD OF MEETING**

| ITEM # | DISCUSSION  | ACTION BY<br>DUE DATE |
|--------|---|-----------------------|
| 1 -    | The Risk Manager opened the meeting summarizing the reasons for the Risk<br>Refresh as described in Risk Refresh Part 1 – The Proposed revisions to<br>Schedule Contingency Management currently under review by the FTA, requires<br>additional supporting risk analysis to demonstrate the confidence in the proposed<br>changes to the schedule contingency drawdown curve. The Program's Risk<br>profile changed in September 2012 due to changes in the Program's contract<br>delivery strategy. The Risk Manager is currently conducting an in house 2013<br>Risk Refresh to further analyze and document the impact of the new risk profile<br>on the cost and schedule of the Program. One element of the Risk Refresh is the<br>Schedule Assessment; to be discussed in further detail at today's Risk Refresh<br>Part 2.  |                       |
|        | The Risk Refresh contains a comprehensive review of all aspects of the<br>Program, and the focus of today's meeting is only on the Schedule Assessment<br>and Risk Modeling performed on the current Program Master Schedule.<br>The schedule assessment utilized the Schedule Risk Analysis outlined in FTA<br>OP 40. The Risk Manager presented an overview of the process demonstrating<br>thru graphical presentations the inputs required into the risk analysis program.<br>The resulting output histogram and the monte carlo analysis were presented and<br>discussed. The risk analysis indicated an 80%-95% confidence level in<br>completing the Program on time utilizing just the standard default software<br>settings for a first run analysis. The Program Master schedule utilized updated<br>contract 1252 schedule and contract 1300 bid schedule critical path items, |                       |

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| removing the buffer float, to create a summary level schedule.<br>The Risk Manager provided further explanation of the process, stating the default<br>settings of the risk analysis software are; minimum duration of (0.75), most likely<br>duration of (1.00), and max duration of (1.25). Further refinement of the input is<br>possible by closely examining the durations of key activities; adjustments on<br>each level of the overall activity can then be made if the particular risks justify<br>duration adjustments. One example of this refinement is the head house at<br>YBM: Currently one schedule activity bar represents this work in the summary<br>schedule. If the excavation activity portion of the head house construction<br>contains substantial risk, then the risk analysis could break out the basic<br>activities of the head house construction; setting for the excavation activity could<br>be broken out and assigned specific probabilities such as minimum duration<br>(1.00); most likely duration (1.15); and maximum duration (1.30).<br>The Risk Manager presented assumptions made in the analysis. In particular,<br>input on specific risks that would affect key activities and the respective<br>probabilities utilized in the analysis.<br>In response to comments on the analysis presented in Part 1, several different   |
|---|
| <ul> <li>versions of the risk analysis were performed, adjusting schedule summary activities to current known risks and assigning probabilistic outcomes to activity durations commensurate with the risk.</li> <li>A summary of the numerous different scenarios was presented together with explanations of what was varied with each run on the Monte Carlo analysis. The scattering of resulting data points was examined very closely with the meeting participants to demonstrate that overall the data points are still falling within the range of having a very high (85%-95%) probability of completing the project by the current Revenue Service Date of Dec. 26, 2018. This provides a very high level of confidence that the current level of contingency is adequate for work proceeding forward and justifies changes to previous minimum contingency levels.</li> <li>The outliers were also examined with the worst case being completion of the project in Aug 2019. The particular parameters that were changed to produce this result were explained and the collective thought from the group in attendance was that although possible, the likelihood of the duration changes made to produce the worst case, where highly unlikely. Recognizing that there is a very remote chance that the scenario would occur; mitigation measures would be implemented far in advance to avoid the calamity envisioned in the analysis scenario.</li> <li>The results of the Risk Refresh effort related to schedule assessment will be included in the next revision of the draft Schedule Contingency Management</li> </ul> |

### **ACTION ITEMS –**

| ITEM<br># | MTG<br>DATE | Task # | DESCRIPTION                   | BIC     | DUE<br>DATE | STATUS |
|-----------|-------------|--------|-------------------------------|---------|-------------|--------|
| 1         | 12/13/12    |        | Risk 7 – Cost for significant | J. Wang | 09/12/13    | Open   |



|   |          | settlement grout                                     |                         |          |      |
|---|----------|--|-------------------------|----------|------|
| 4 | 12/13/12 | Risk 72 – 4 <sup>th</sup> & King (SSWP)              | S. Pong<br>C. Morganson | 09/12/13 | Open |
| 1 | 08/13/13 | Expand/Confirm CN1300 Startup<br>activities          | PM/CM                   | 08/27/13 | Open |
| 1 | 08/13/13 | Examine additional schedule activities               | PCC                     | 08/27/13 | Open |
| 1 | 08/13/13 | Schedule duration that are in the<br>Master Schedule | PCC                     | 08/27/13 | Open |

### Meeting adjourned at 11:00am

These meeting minutes have been prepared by B. Ward and reviewed by E. Stassevitch, and are the preparer's interpretation of discussions that took place. If the reader's interpretation differs, please contact the author in writing within four (4) days of receipt of these minutes.

[initials of preparer & reviewer] **Date:** 040d/3 [Date review completed.] Signed: 1



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### **Meeting Agenda**

Project No. M544.1, Contract No. CS-149 Program/Construction Management Risk Mitigation Management Meeting No. 49 August 29, 2013 10:00am – 11:00am Central Subway Project Office 821 Howard St. 2<sup>nd</sup> Floor Main Conference Room

### Attendees:

| Mark Benson   | Richard Redmond | Roger Nguyen     |
|---------------|-----------------|------------------|
| Vivian Chow   | Albert Hoe      | Eric Stassevitch |
| Alex Clifford | Mark Latch      | Beverly Ward     |
| John Funghi   | Brad Lebovitz   | Luis Zurinaga    |

- 1. Risk Refresh 2013 Part 2 Schedule Contingency Assessment
  - Overview of Risk Refresh Process
  - Current Status of Project
  - Schedule Contingency
- 2. Schedule Assessment
  - Risk Analysis Input
  - Summary Schedule Development
  - Minimum; Most Likely; Maximum
  - Current Risk Summary
- 3. Next Steps



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### **Meeting Attendance Sheet**

Project No. M544.1, Contract No. CS-149 Program/Construction Management Risk Management Meeting No. 49 August 29, 2013 10:00 a.m. – 11:00 a.m. Central Subway Project Office 821 Howard Street, 2<sup>nd</sup> Floor Main Conference Room

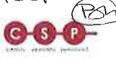
Deliver Meeting Attendance Sheet with original signatures/initials to Document Control.

| NAME             | AFFILIATION | PHONE             | E-MAIL<br>(for minutes)                                   | INITIALS |
|------------------|-------------|-------------------|---|----------|
| Mark Benson      | CSP         | 415-701-5295      | Mark.Benson@sfmta.com                                     |          |
| Vivian Chow      | SFMTA       | 415 701-5264      | Vivian.chow.@sfmta.com                                    | volo     |
| Alex Clifford    | CSP         | 415 701- 5275     | Alex.clifford@sfmta.com                                   | A        |
| John Funghi      | SFMTA       | 415-701-4299      | john.funghi@sfmta.com                                     | K        |
| Albert Hoe       | SFMTA       | 415-701-4289      | albert.hoe@sfmta.com                                      |          |
| Mark Latch       | CSP         | 415-701-5294      | mark.latch@sfmta.com                                      |          |
| Brad Lebovitz    | STV/PMOC    | 510-464-8052      | Bradley.lebovitz@stvinc.com                               |          |
| Richard Redmond  | CSP         | 415-701-4288      | Richard.redmond@sfmta.com                                 |          |
| Eric Stassevitch | CSP         | 415-701-4426      | Eric.stassevitch@sfmta.com                                | 4        |
| Beverly Ward     | CSP         | 415-701-5291      | Beverly.ward@sfmta.com                                    | PON      |
| Luis Zurinaga    | SFCTA       | 415-716-6956      | luis@sfcta.org  |          |
| DAVID BRAISS     | 420SEMITA   | 415701-528        | 6 DAVID, BROUSSANDDE                                      | SEMT     |
| Tettney Dovis    | FMP         | 415 74 4-<br>2544 | 5 DAVIDIBROUSSANDOC<br>Je Afring, S., Davis a<br>Dor. Bor | fal      |

Brad Lebovitz was in attendance but did not sign the attendance sheet. Boban



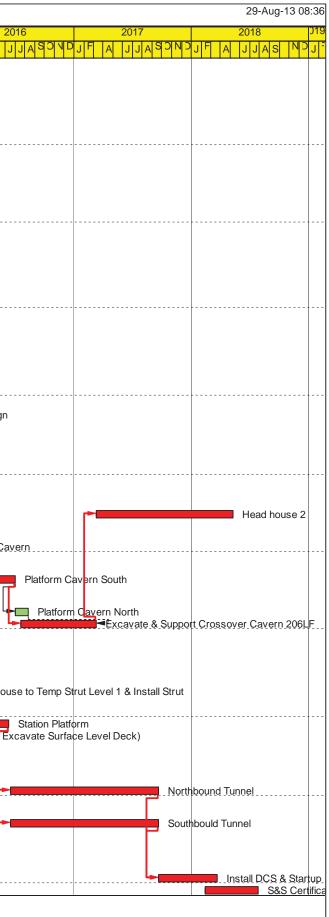
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### CSP Risk Analysis Table

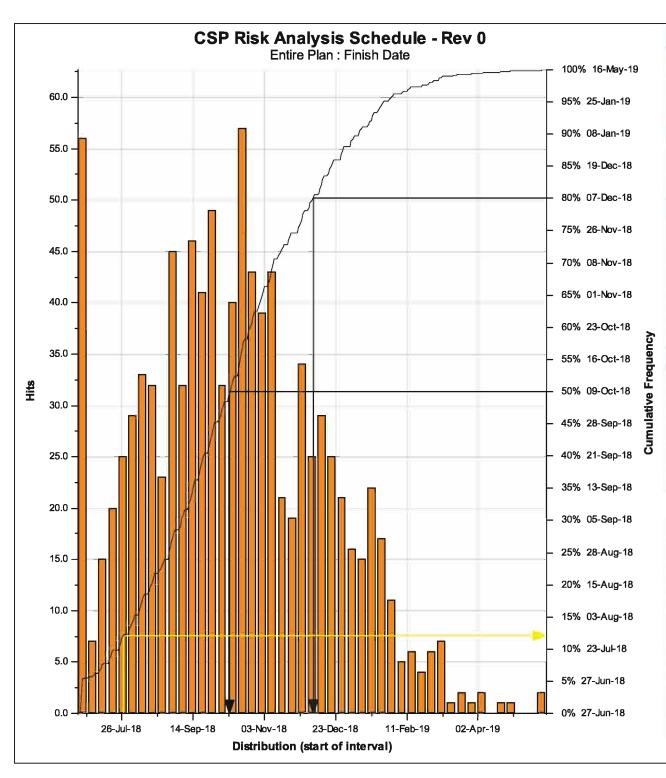
| Project Schedule        | Minimum<br>Duration | Likely<br>Duration | Maximum<br>Duration | 80%<br>Finish Date | 50%<br>Finish Date | Comments                      |
|-------------------------|---------------------|--------------------|---------------------|--------------------|--------------------|-------------------------------|
|                         | Duration            | Duration           | Duration            | T IIII Date        | T mish Date        | Comments                      |
| CSP Risk Schedule Rev 0 | 75%                 | 100%               | 125%                | 7-Dec-18           | 9-Oct-18           | Critical Activities           |
| CSP-July13-Risk3        | 75%                 | 100%               | 125%                | 28-Nov-18          | 12-Oct-18          | All Task Dependent Activities |
| CSP-July13-Risk3.01     | 75%                 | 110%               | 125%                | 21-Jan-19          | 7-Dec-18           | All Task Dependent Activities |
| CSP-July13-Risk3.02     | 100%                | 110%               | 125%                | 15-Apr-19          | 15-Mar-19          | All Task Dependent Activities |
| CSP-May-13-risk4        | 75%                 | 100%               | 125%                | 17-Oct-18          | 18-Sep-18          | All Task Dependent Activities |
| CSP-May-13-risk4.01     | 75%                 | 110%               | 125%                | 18-Dec-18          | 15-Nov-18          | All Task Dependent Activities |
| CSP-May-13-risk4.02     | 100%                | 110%               | 125%                | 4-Apr-19           | 19-Mar-19          | All Task Dependent Activities |
|                         |                     |                    |                     |                    |                    |                               |
| CSP AUG13 Risk-03.01    | 75%                 | 100%               | 125%                | 3-Dec-18           | 9-Oct-18           | Selected Activities           |
| CSP AUG13 Risk-03.02    | 100%                | 110%               | 125%                | 21-Dec-18          | 29-0ct-18          | Selected Activities           |
| CSP AUG13 Risk-03.03    | 100%                | 115%               | 150%                | 24-Jan-19          | 21-Nov-18          | Selected Activities           |
| CSP AUG13 Risk-04       | 75%                 | 100%               | 125%                | 3-Dec-18           | 9-Oct-18           | Selected Digging Activities   |
| CSP AUG13 Risk-04.01    | 100%                | 110%               | 125%                | 14-Mar-19          | 23-Jan-19          | Selected Digging Activities   |
| CSP AUG13 Risk-04.02    | 100%                | 115%               | 150%                | 8-Aug-19           | 3-Jun-19           | Selected Digging Activities   |
| CSP AUG13 Risk-04.03    | 80%                 | 110%               | 125%                | 21-Jan-19          | 27-Nov-18          | Selected Digging Activities   |
| CSP AUG13 Risk-04.04    | 90%                 | 110%               | 150%                | 27-Jun-19          | 15-Apr-19          | Selected Digging Activities   |
| CSP AUG13 Risk-04.05    | 90%                 | 110%               | 135%                | 3-Apr-19           | 5-Feb-19           | Selected Digging Activities   |
| CSP AUG13 Risk-04.06    | 90%                 | 100%               | 125%                | 8-Jan-19           | 14-Nov-18          | Selected Digging Activities   |

| SP Risk Analysis Schedule - Rev 2 |   |                        |                          |                      | Risk-01                       |          |                           |                     |                        |             |
|-----------------------------------|---|------------------------|--------------------------|----------------------|-------------------------------|----------|---------------------------|---------------------|------------------------|-------------|
| ctivity ID                        | Activity Name   | Start                  | Finish                   | Original<br>Duration | Total Acts with<br>Float Risk | S NDJFN  | 2014<br>1 A M J J A S J V |                     |                        | 20<br>1 A J |
| CSP-1252                          |   | 17-Jun-13 A            | 11-Jun-15                | 498                  | 0                             |          |                           |                     |                        |             |
| Northbound Tunnel                 |   | 16-Jul-13              | 23-Apr-14                | 194                  | 0                             |          |                           |                     |                        |             |
| XTUN-01                           | Northbound Tunnel   | 16-Jul-13              | 23-Apr-14                | 194                  | 0 4                           |          | Northbound Tu             | innel               |                        |             |
| Southbound Tunnel                 |   | 17-Jun-13 A            | 08-Oct-13                | 5                    | 0                             |          |                           |                     |                        |             |
| XTUN-07                           | Southbound Tunnel   | 17-Jun-13 A            |                          | 5                    |                               | Southbou | nd Tunnel                 |                     |                        |             |
| Contract Milestones               |   | 13-May-15              | 11-Jun-15                | 20                   | 0                             |          |                           |                     |                        |             |
| XTUN-60<br>XTUN-70                | New Activity New Activity   |                        | 13-May-15*<br>11-Jun-15* | 0                    | 0                             | -        |                           |                     | Activity<br>w Activity |             |
| Cross Passages 2                  |   | 24-Apr-14              | 16-Jun-14                | 37                   | 0                             |          |                           | - Ne                | WACIIVILY              |             |
| XTUN-03                           | Cross Passages 2  | 24-Apr-14              | 16-Jun-14                | 37                   | 0 3                           |          | Cross Pas                 | sages 2             |                        |             |
| Cross Passages 4                  | 0.000 T 0000400 L   | 17-Jun-14              | 08-Jul-14                | 15                   | 0                             |          | <b>Г</b>                  |                     |                        |             |
| XTUN-13                           | Cross Passages 4  | 17-Jun-14              | 08-Jul-14                | 15                   | 0 3                           |          | Cross Pa                  | assages 4           |                        |             |
| Cross Passages 5                  |   | 09-Jul-14              | 08-Sep-14                | 43                   | 0                             |          |                           | U                   |                        |             |
| XTUN-11                           | Cross Passages 5  | 09-Jul-14              | 08-Sep-14                | 43                   | 0 3                           |          | Cros                      | s Passages 5        |                        |             |
| Portal Structure                  |   | 09-Sep-14              | 13-May-15                | 169                  | 0                             |          | Г                         |                     |                        |             |
| XTUN-12                           | Portal Structure  | 09-Sep-14              | 13-May-15                | 169                  | 0                             |          |                           | Porta               | l Structure            |             |
| Closeout                          |   | 14-May-15              | 11-Jun-15                | 20                   | 0                             |          |                           |                     |                        |             |
| XTUN-27                           | Closeout  | 14-May-15              | 11-Jun-15                | 20                   | 0                             |          |                           |                     | seout                  |             |
| Union Square UMS-12               | 253   | 29-Jul-13              | 16-Jul-15                | 493                  | 0                             |          |                           |                     |                        |             |
| All Locations                     |   | 29-Jul-13              | 16-Jul-15                | 493                  | 0                             |          |                           |                     |                        |             |
| A1110                             | Obtain Permits  | 29-Jul-13              | 23-Oct-13                | 62                   | 0                             | Dbtain P | Permits                   |                     |                        |             |
| A1120                             | Elevator Final Design   | 20-Oct-14              | 16-Jul-15                | 184                  | 0                             |          |                           |                     | Elevator Final D       | )esign      |
| Chinatown - CTS-125               | 4R  | 04-Sep-13              | 11-May-18                | 1179                 | 0                             |          |                           |                     |                        |             |
| Washington Street                 |   | 04-Sep-13              | 15-Jan-14                | 90                   | 0                             |          |                           |                     |                        |             |
| A1170                             | Perform Environmental & Inplement Traffic Plan  | 04-Sep-13              | 15-Jan-14                | 90                   | 0                             | Pe       | erform Environment        | al & Inplement Trat | ffic Plan              |             |
| HeadHouse                         |   | 16-Jan-14              | 11-May-18                | 1089                 | 0                             |          |                           |                     |                        |             |
| A1000                             | Headhouse 1   | 16-Jan-14              | 05-Jun-15                | 349                  | 0 4                           |          |                           | Hea                 | adhouse 1              |             |
| A1010<br>Cross Cut Cavern         | Head house 2  | 10-Mar-17<br>08-Jun-15 | 11-May-18<br>03-Nov-15   | 298<br>105           | 0 4                           |          |                           |                     |                        |             |
| A1020                             | Cross Cut Cavern  | 08-Jun-15              | 03-Nov-15                | 105                  | 0 3                           |          |                           |                     |                        |             |
| Platform Cavern South             |   | 30-Dec-15              | 30-Jun-16                | 105                  | 0                             |          |                           |                     | Cross C                |             |
| A1080                             | Platform Cavern South   | 30-Dec-15              | 30-Jun-16                | 128                  | 0                             |          |                           |                     |                        |             |
| Platform Cavern North             |   | 01-Jul-16              | 09-Mar-17                | 173                  |                               |          |                           |                     |                        | Г           |
|                                   | Platform Cavern North   | 01-Jul-16              | 11-Aug-16                | 29                   | 44                            |          |                           |                     |                        | L           |
| A1100                             | Excavate & Support Crossover Cavern 206LF   | 18-Jul-16              | 09-Mar-17                | 163                  | 0 3                           |          |                           |                     |                        | L           |
| Moscone- YBM-1255                 |   | 20-Jan-14              | 10-Jun-16                | 602                  | 0                             |          |                           |                     |                        |             |
| HeadHouse                         |   | 20-Jan-14              | 26-Aug-15                | 404                  | 0                             |          |                           |                     |                        |             |
| A1030                             | Headhouse   | 20-Jan-14              | 26-Nov-14                | 219                  | 0 4                           | ╏╴╹┝╴┏┳┓ |                           | Headhouse           |                        |             |
| A1130                             | Excavate Headhouse to Temp Strut Level 1 & Install Strut                              | 05-Aug-15              | 26-Aug-15                | 16                   | 0 3                           |          |                           |                     | Excavate He            | eadhou      |
| Station Platform Area             |   | 20-Jan-14              | 10-Jun-16                | 602                  | 0                             |          |                           |                     |                        |             |
| A1040                             | Station Platform<br>Headhouse - (Demo, Install Guide Walls, Excavate Surface Level De | 19-Sep-14              | 10-Jun-16                | 432                  | 0 4                           |          |                           | idhouse - (Demo, I  | Inotall Quide W/       |             |
| A1150<br>Surface, Track, Syster   |   | 20-Jan-14<br>16-Jun-16 | 18-Sep-14<br>19-Sep-17   | 170<br>319           | 0                             |          |                           | idhouse - (Demo, i  |                        |             |
|                                   |   | 10 lun 10              |                          |                      |                               |          |                           |                     |                        |             |
| Northbound Tunnel                 |   | 16-Jun-16              | 19-Sep-17                | 319                  | 0                             |          |                           |                     |                        |             |
| A1050                             | Northbound Tunnel   | 16-Jun-16<br>16-Jun-16 | 19-Sep-17<br>19-Sep-17   | 319<br>319           | 0                             |          |                           |                     |                        |             |
| Southbound Tunnel                 | Ocuth and Turned  |                        |                          |                      |                               |          |                           |                     |                        | ~ .         |
| A1060                             | Southbould Tunnel   | 16-Jun-16<br>20-Sep-17 | 19-Sep-17<br>26-Jul-18   | 319<br>214           | 0                             |          |                           |                     |                        | -           |
|                                   | ol - ATCS-1266 (Assigned)   | · · ·                  |                          |                      |                               |          |                           |                     |                        |             |
| All Locations                     |   | 20-Sep-17              | 26-Jul-18                | 214                  | 0                             |          |                           |                     |                        |             |
| A1070                             | Install DCS & Startup   | 20-Sep-17              | 22-Mar-18                | 127                  | 0                             | <b>.</b> |                           |                     |                        |             |
| A33333                            | S&S Certification/ Pre-Revenue Activities   | 12-Feb-18              | 26-Jul-18                | 115                  | 0                             |          |                           |                     |                        |             |

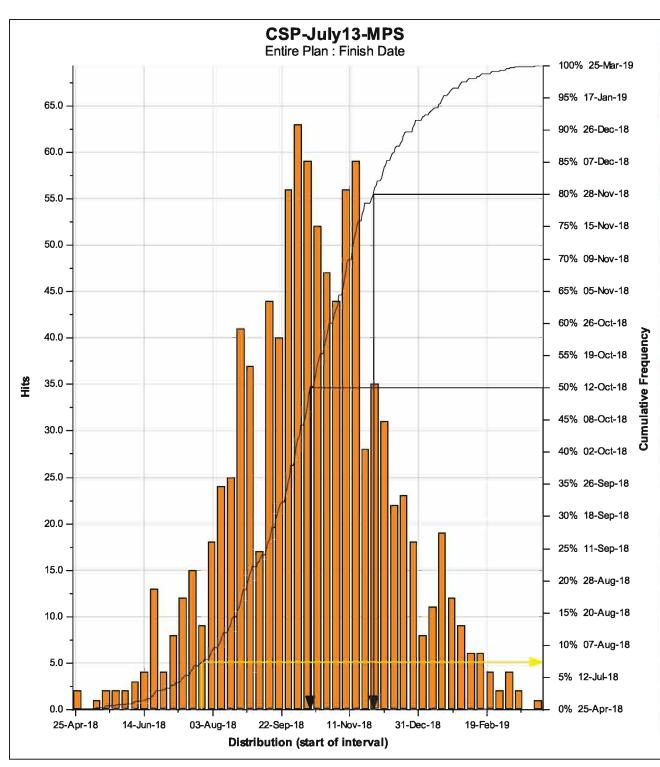


| CSP Risk Analysis Schedule - | Rev 2  |           |           | CSP-                 | Risk-01                       |                         |                      |               |
|------------------------------|--|-----------|-----------|----------------------|-------------------------------|-------------------------|----------------------|---------------|
| Activity ID                  | Activity Name  | Start     | Finish    | Original<br>Duration | Total Acts with<br>Float Risk | 2014<br>S NDJFMAMJJASDV | 2015<br>DJFMAMJJASON | 20<br>DJFMA J |
| CSP-1252                     |  | 16-Jul-13 | 08-Sep-14 | 289                  | 0                             |                         |                      |               |
| Northbound Tunne             |  | 16-Jul-13 | 23-Apr-14 | 194                  | 0                             |                         |                      |               |
| XTUN-01                      | Northbound Tunnel  | 16-Jul-13 | 23-Apr-14 | 194                  | 0 4                           | Northbound Tu           | nnel                 |               |
| Cross Passages 2             |  | 24-Apr-14 | 16-Jun-14 | 37                   | 0                             |                         |                      |               |
| XTUN-03                      | Cross Passages 2   | 24-Apr-14 | 16-Jun-14 | 37                   | 0 3                           | Cross Pas               | sages 2              |               |
| Cross Passages 4             |  | 17-Jun-14 | 08-Jul-14 | 15                   | 0                             |                         |                      |               |
| XTUN-13                      | Cross Passages 4   | 17-Jun-14 | 08-Jul-14 | 15                   | 0 3                           | Cross Pa                | issages 4            |               |
| Cross Passages 5             |  | 09-Jul-14 | 08-Sep-14 | 43                   |                               |                         |                      |               |
| XTUN-11                      | Cross Passages 5   | 09-Jul-14 | 08-Sep-14 | 43                   | 0 3                           |                         | s Passages 5         |               |
| Chinatown - CTS-             | 1254R  | 16-Jan-14 | 11-May-18 | 1089                 | 0                             |                         | 5                    |               |
| HeadHouse                    |  | 16-Jan-14 | 11-May-18 | 1089                 | 0                             |                         |                      |               |
| A1000                        | Headhouse 1  | 16-Jan-14 | 05-Jun-15 | 349                  | 0 4                           |                         | Headhouse            | e 1           |
| A1010                        | Head house 2   | 10-Mar-17 | 11-May-18 | 298                  | 0 4                           |                         |                      |               |
| Cross Cut Cavern             |  | 08-Jun-15 | 03-Nov-15 | 105                  | 0                             |                         |                      |               |
| A1020                        | Cross Cut Cavern   | 08-Jun-15 | 03-Nov-15 | 105                  | 0 3                           |                         |                      | Cross Cut Cav |
| Platform Cavern No           |  | 18-Jul-16 | 09-Mar-17 | 163                  | 0                             |                         |                      |               |
| A1100                        | Excavate & Support Crossover Cavern 206LF                | 18-Jul-16 | 09-Mar-17 | 163                  | 0 3                           |                         |                      |               |
| Moscone- YBM-12              | 255  | 20-Jan-14 | 10-Jun-16 | 602                  | 0                             |                         |                      |               |
| HeadHouse                    |  | 20-Jan-14 | 26-Aug-15 | 404                  | 0                             |                         |                      |               |
| A1030                        | Headhouse  | 20-Jan-14 | 26-Nov-14 | 219                  | 0 4                           |                         | Headhouse            |               |
| A1130                        | Excavate Headhouse to Temp Strut Level 1 & Install Strut | 05-Aug-15 | 26-Aug-15 | 16                   | 0 3                           |                         |                      | vate Headhous |
| Station Platform Ar          | rea  | 19-Sep-14 | 10-Jun-16 | 432                  | 0                             |                         |                      |               |
| A1040                        | Station Platform   | 19-Sep-14 | 10-Jun-16 | 432                  | 0 4                           |                         |                      |               |

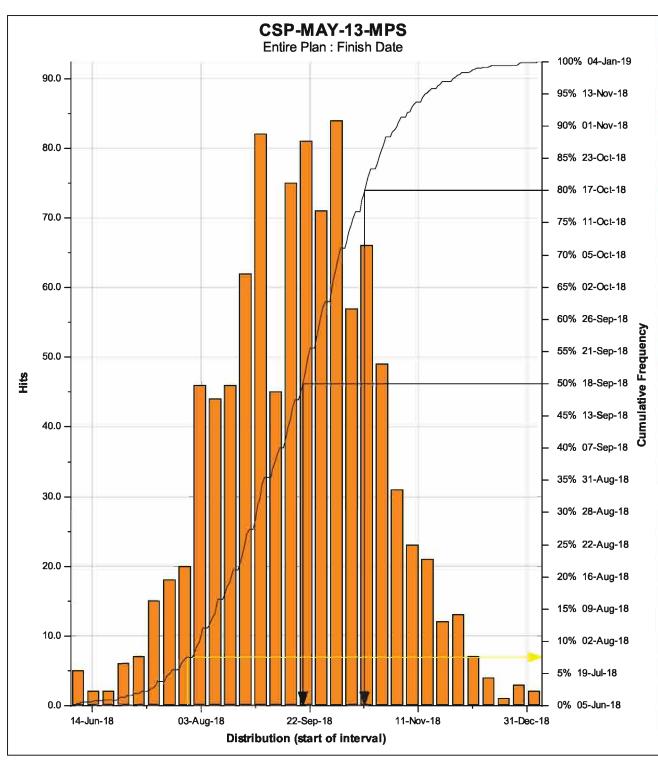




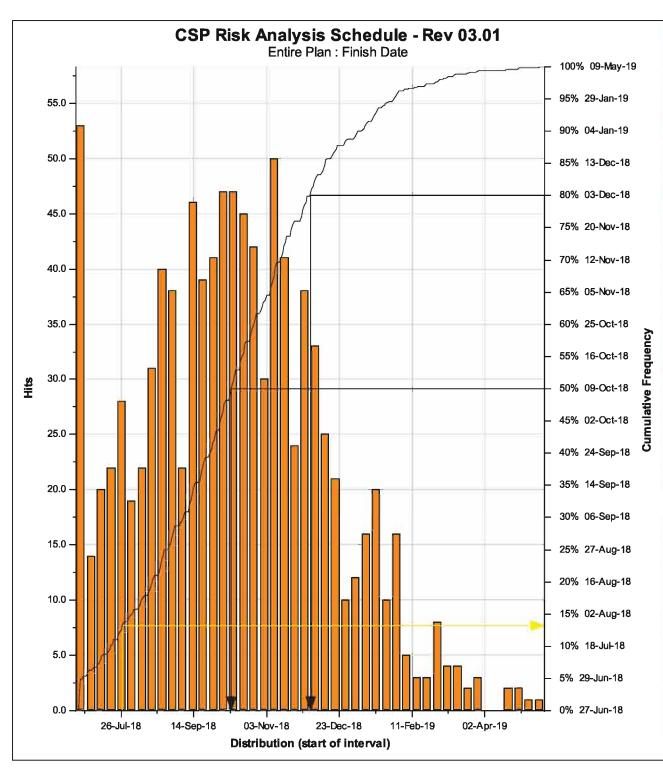
| Data                      | -         |  |  |  |  |
|---------------------------|-----------|--|--|--|--|
| Finish Date of:           |           |  |  |  |  |
| Entire Plan               |           |  |  |  |  |
|                           |           |  |  |  |  |
| Analysis                  |           |  |  |  |  |
| Iterations:               | 1000      |  |  |  |  |
|                           |           |  |  |  |  |
| Statistics                |           |  |  |  |  |
| Minimum:                  | 27-Jun-18 |  |  |  |  |
| Maximum:                  | 16-May-19 |  |  |  |  |
| Mean:                     | 11-Oct-18 |  |  |  |  |
| Bar Width:                | week      |  |  |  |  |
|                           |           |  |  |  |  |
| Highlighters              |           |  |  |  |  |
| Deterministic (26-Jul-18) | 12%       |  |  |  |  |
| 50%                       | 09-Oct-18 |  |  |  |  |
| 80%                       | 07-Dec-18 |  |  |  |  |
|                           |           |  |  |  |  |
|                           |           |  |  |  |  |
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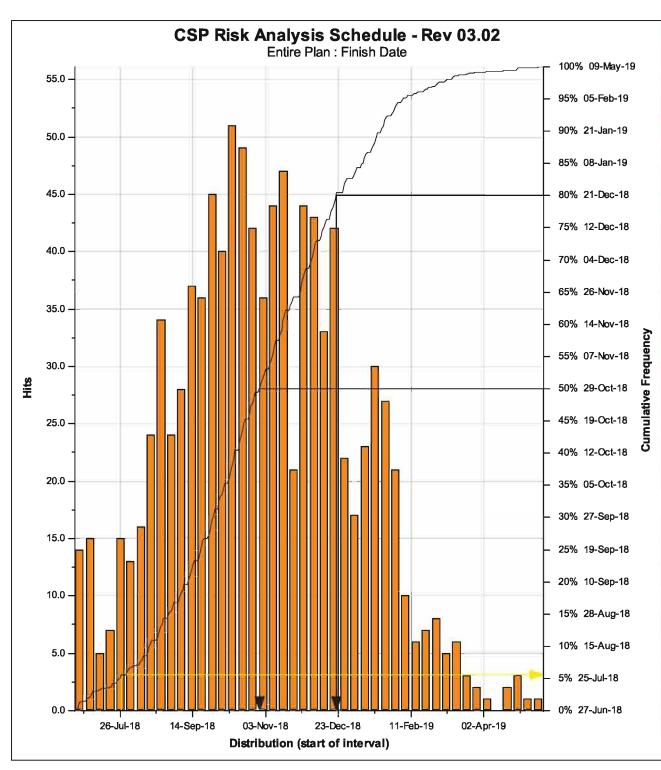
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| Finish Date of:           |           |  |  |  |  |
| Entire Plan               |           |  |  |  |  |
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| Analysis                  |           |  |  |  |  |
| Iterations:               | 1000      |  |  |  |  |
|                           |           |  |  |  |  |
| Statistics                |           |  |  |  |  |
| Minimum:                  | 25-Apr-18 |  |  |  |  |
| Maximum:                  | 25-Mar-19 |  |  |  |  |
| Mean:                     | 14-Oct-18 |  |  |  |  |
| Bar Width:                | week      |  |  |  |  |
|                           |           |  |  |  |  |
| Highlighters              |           |  |  |  |  |
| Deterministic (25-Jul-18) | 7%        |  |  |  |  |
| 50%                       | 12-Oct-18 |  |  |  |  |
| 80%                       | 28-Nov-18 |  |  |  |  |
|                           |           |  |  |  |  |
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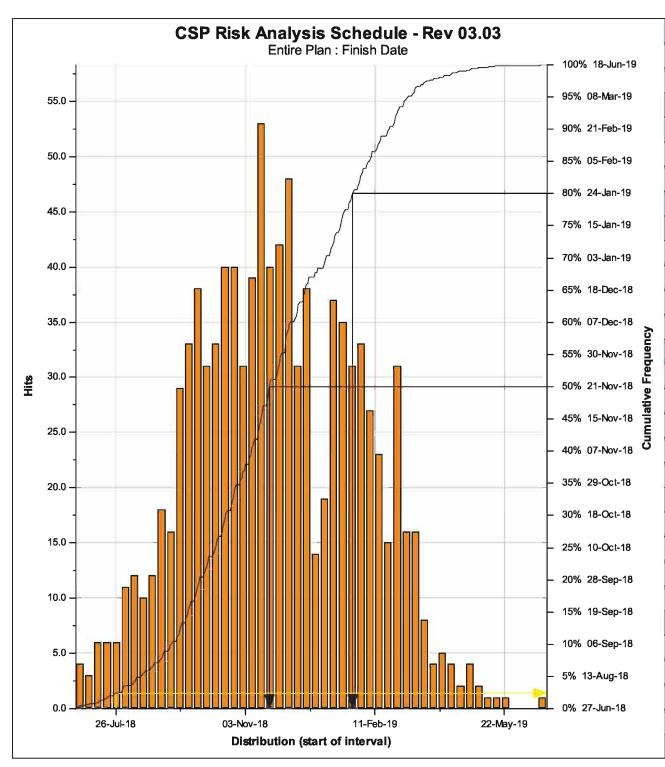
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| Statistics                |           |
| Minimum:                  | 05-Jun-18 |
| Maximum:                  | 04-Jan-19 |
| Mean:                     | 16-Sep-18 |
| Bar Width:                | week      |
|                           |           |
| Highlighters              |           |
| Deterministic (27-Jul-18) | 8%        |
| 50%                       | 18-Sep-18 |
| 80%                       | 17-Oct-18 |
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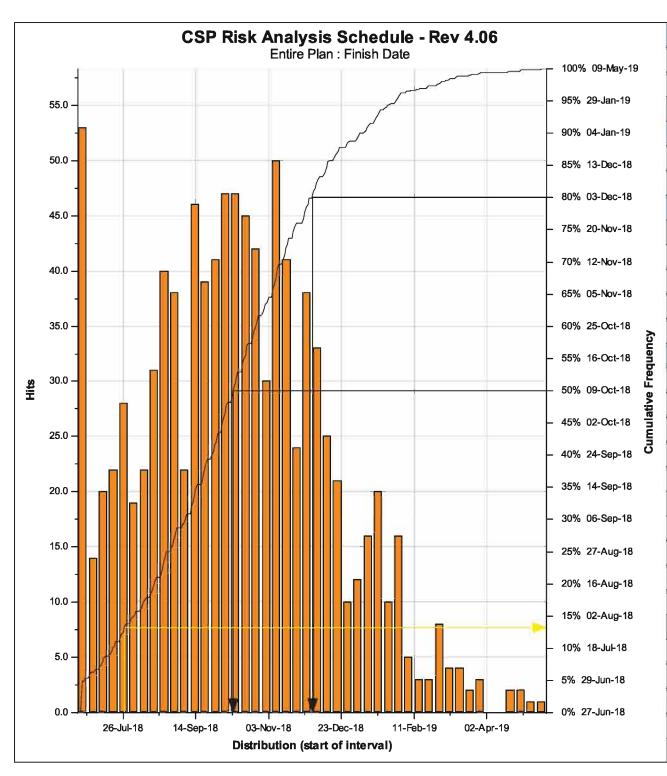
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| Analysis                  |           |  |  |
| Iterations:               | 1000      |  |  |
|                           |           |  |  |
| Statistics                |           |  |  |
| Minimum:                  | 27-Jun-18 |  |  |
| Maximum:                  | 09-May-19 |  |  |
| Mean:                     | 11-Oct-18 |  |  |
| Bar Width:                | week      |  |  |
|                           |           |  |  |
| Highlighters              |           |  |  |
| Deterministic (26-Jul-18) | 13%       |  |  |
| 50%                       | 09-Oct-18 |  |  |
| 80%                       | 03-Dec-18 |  |  |
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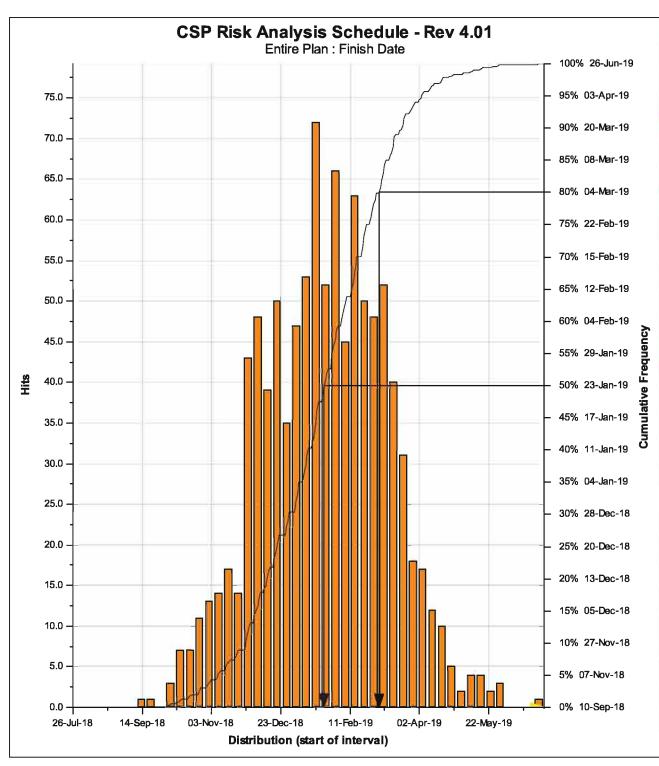
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| Analysis                  |           |
| Iterations:               | 1000      |
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| Statistics                |           |
| Minimum:                  | 27-Jun-18 |
| Maximum:                  | 09-May-19 |
| Mean:                     | 31-Oct-18 |
| Bar Width:                | week      |
|                           |           |
| Highlighters              |           |
| Deterministic (26-Jul-18) | 6%        |
| 50%                       | 29-Oct-18 |
| 80%                       | 21-Dec-18 |
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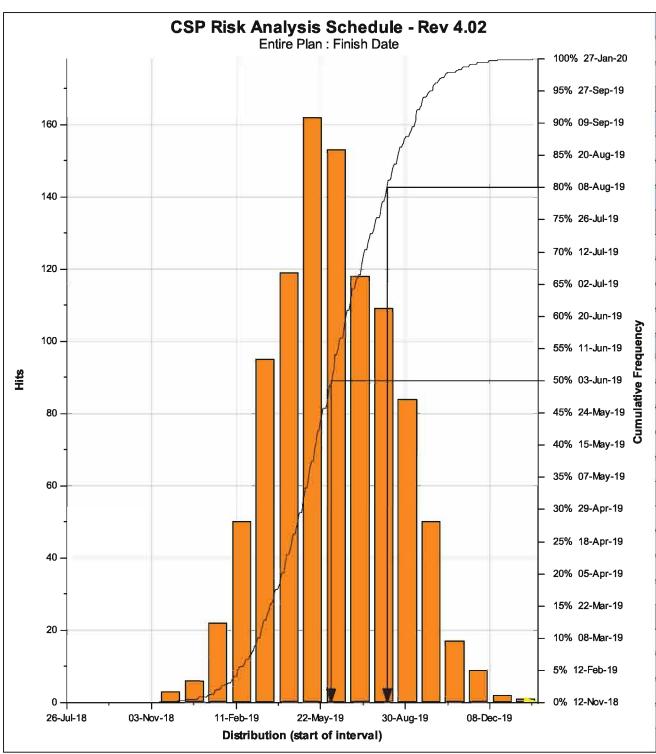
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| Analysis                  |           |  |  |
| Iterations:               | 1000      |  |  |
|                           |           |  |  |
| Statistics                |           |  |  |
| Minimum:                  | 27-Jun-18 |  |  |
| Maximum:                  | 18-Jun-19 |  |  |
| Mean:                     | 25-Nov-18 |  |  |
| Bar Width:                | week      |  |  |
|                           |           |  |  |
| Highlighters              |           |  |  |
| Deterministic (26-Jul-18) | 2%        |  |  |
| 50%                       | 21-Nov-18 |  |  |
| 80%                       | 24-Jan-19 |  |  |
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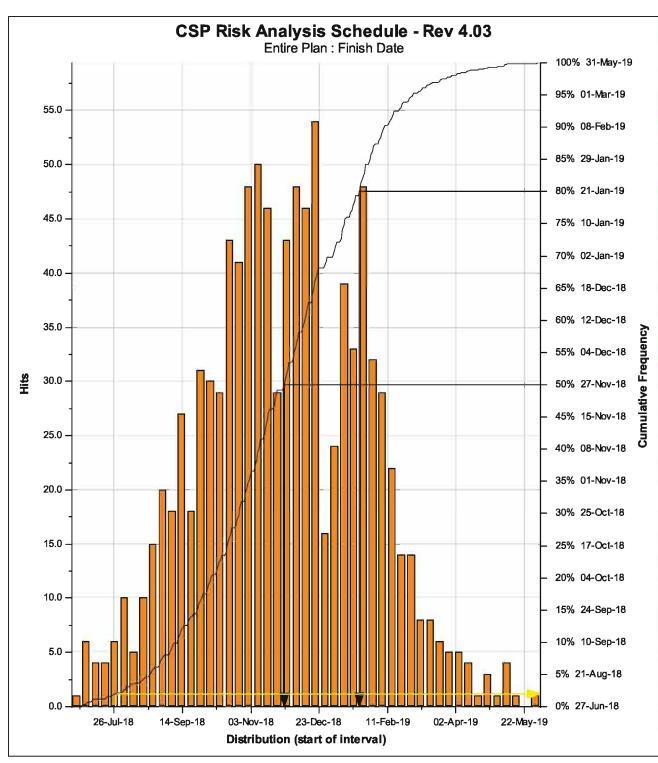
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| Analysis                  |           |  |  |
| Iterations:               | 1000      |  |  |
|                           |           |  |  |
| Statistics                |           |  |  |
| Minimum:                  | 27-Jun-18 |  |  |
| Maximum:                  | 09-May-19 |  |  |
| Mean:                     | 11-Oct-18 |  |  |
| Bar Width:                | week      |  |  |
|                           |           |  |  |
| Highlighters              |           |  |  |
| Deterministic (26-Jul-18) | 13%       |  |  |
| 50%                       | 09-Oct-18 |  |  |
| 80%                       | 03-Dec-18 |  |  |
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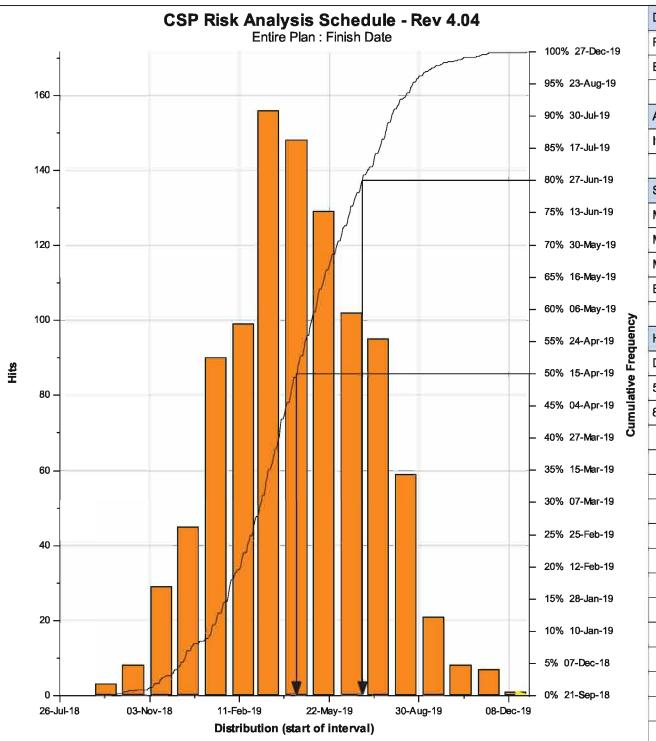
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| Finish Date of:           |           |
| Entire Plan               |           |
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| Analysis                  |           |
| Iterations:               | 1000      |
|                           |           |
| Statistics                |           |
| Minimum:                  | 10-Sep-18 |
| Maximum:                  | 26-Jun-19 |
| Mean:                     | 22-Jan-19 |
| Bar Width:                | week      |
|                           |           |
| Highlighters              |           |
| Deterministic (26-Jul-18) | <1%       |
| 50%                       | 23-Jan-19 |
| 80%                       | 04-Mar-19 |
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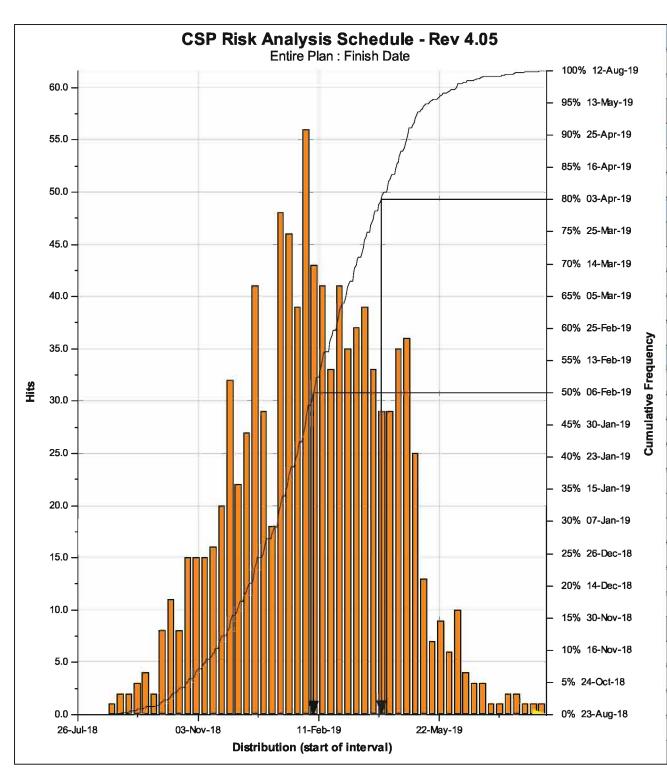
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| Finish Date of:           |           |  |  |
| Entire Plan               |           |  |  |
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| Analysis                  |           |  |  |
| Iterations:               | 1000      |  |  |
|                           | -         |  |  |
| Statistics                |           |  |  |
| Minimum:                  | 12-Nov-18 |  |  |
| Maximum:                  | 27-Jan-20 |  |  |
| Mean:                     | 05-Jun-19 |  |  |
| Bar Width:                | 4 weeks   |  |  |
|                           |           |  |  |
| Highlighters              |           |  |  |
| Deterministic (26-Jul-18) | <1%       |  |  |
| 50%                       | 03-Jun-19 |  |  |
| 80%                       | 08-Aug-19 |  |  |
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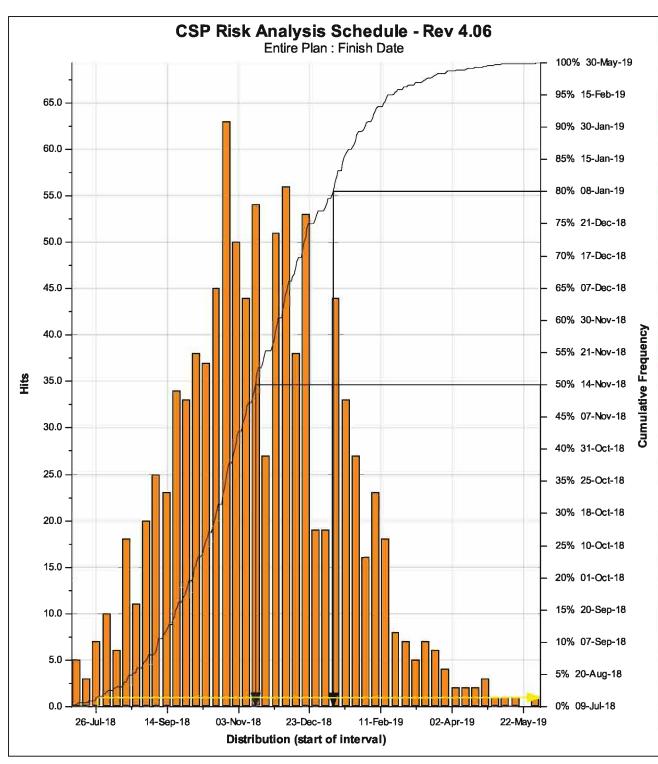
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| Finish Date of.           |           |
| Entire Plan               |           |
|                           |           |
| Analysis                  |           |
| Iterations:               | 1000      |
|                           |           |
| Statistics                |           |
| Minimum:                  | 27-Jun-18 |
| Maximum:                  | 31-May-19 |
| Mean:                     | 26-Nov-18 |
| Bar Width:                | week      |
|                           |           |
| Highlighters              |           |
| Deterministic (26-Jul-18) | 2%        |
| 50%                       | 27-Nov-18 |
| 80%                       | 21-Jan-19 |
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| Finish Date of:           |   |
| Entire Plan               |   |
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| Analysis                  |   |
| Iterations:               | 1000                                    |
|                           |   |
| Statistics                |   |
| Minimum:                  | 21-Sep-18                               |
| Maximum:                  | 27-Dec-19                               |
| Mean:                     | 17-Apr-19                               |
| Bar Width:                | month                                   |
|                           |   |
| Highlighters              |   |
| Deterministic (26-Jul-18) | <1%                                     |
| 50%                       | 15-Apr-19                               |
| 80%                       | 27-Jun-19                               |
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| Finish Date of:           |           |  |  |
| Entire Plan               |           |  |  |
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| Analysis                  |           |  |  |
| Iterations:               | 1000      |  |  |
|                           |           |  |  |
| Statistics                |           |  |  |
| Minimum:                  | 23-Aug-18 |  |  |
| Maximum:                  | 12-Aug-19 |  |  |
| Mean:                     | 06-Feb-19 |  |  |
| Bar Width:                | week      |  |  |
|                           |           |  |  |
| Highlighters              |           |  |  |
| Deterministic (26-Jul-18) | <1%       |  |  |
| 50%                       | 06-Feb-19 |  |  |
| 80%                       | 03-Apr-19 |  |  |
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| Data                      |           |
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| Finish Date of:           |           |
| Entire Plan               |           |
|                           |           |
| Analysis                  |           |
| Iterations:               | 1000      |
|                           |           |
| Statistics                |           |
| Minimum:                  | 09-Jul-18 |
| Maximum:                  | 30-May-19 |
| Mean:                     | 17-Nov-18 |
| Bar Width:                | week      |
|                           |           |
| Highlighters              |           |
| Deterministic (26-Jul-18) | 1%        |
| 50%                       | 14-Nov-18 |
| 80%                       | 08-Jan-19 |
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| Activity ID               | Activity Scope   | Original Start<br>Duration     | Finish                 | 2013<br>2014<br>2015<br>J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M   | 2016 2017 2018<br>JJJASONDJFMAMJJASONDJFMAM |
|---------------------------|--|--------------------------------|------------------------|---|---|
| SEMTA                     | Contract 1300  | 1350 18-Apr-13                 | 20-Juni-18             |   |   |
| All Loca                  | tions  | 1350 18-Apr-13                 | 20-Jun-18              |   |   |
| Bid                       | Project Bid Date April 18, 2013  | 0. 18-Apr-13                   | 1                      | ple¢t Bid Date April 8 2013   |   |
| Cert                      | Bid Evaluation, Certification & Award  | 90 18-Apr-13                   | 16-Jul-13              | Bid Evaluation Gertification & Award  |   |
| Contx                     | Contract Execution, Bonds, Insurance   | 10 17-Jul-13                   | 26-Jul-13              | Contract Execution, Bonds, Insurance  |   |
| NTP-1<br>U.NTP            | Estimated NTP-1, UMS-1253,CTS-1254R,YBM-1255,STS-1256<br>Estimated Notice to Proceed (UMS)   | 0 27-Jul-13<br>0 27-Jul-13     | -                      |   |   |
| C.1.010                   | Mobilization   | 30 27-Jul-13                   | 25-Aug-13              | Mahiiza loo   |   |
| UOPT1                     | Option 1 Exercize Period (NTP+30)  | 30 27-Jul-13                   | 25-Aug-13              | Oplion 1 Exercize Period (NTP+30)<br>Oplion 7 Exercize Period (NTP+50)<br>Oplion 8-6 Exercize Period (NTP+50)<br>Oplions 8-6 Exercize Period (NTP+50)                                       |   |
| UOPT7                     | Option 7 Exercize Period (NTP+60)  | 60 27-Jul-13                   | 24-Sep-13              | Option 7 Exercize Period (NTP+60)   |   |
| UOPT36                    | Options 3-6 Exercize Period (NTP+180)  | 180 27-Jul-13                  | 22-Jan-14              | Coptions 3-6 Exercize Period (NTC 180)  |   |
| UOPT2                     | Option 2 Exercize Period (NTP+450)   | 450 27-Jul-13                  | 19-Oct-14              | Orvor 2 Exercise Period (NTP+450)   |   |
| DUR<br>NTP-2              | Construction Duration - 1,700 Calendar Days  | 1700 27-Jul-13                 | 22-Mar-18              | Estimated NTP-2, (w/i 210 Days of NTP-1):- Remaining Construction   | Constr                                      |
| C.ACC                     | Estimated NTP-2, (w/i 210 Days of NTP-1) - Remaining Construction<br>(CTS) Tunnel Access Available From CN 1252 Contractor (NTP+450cd) | 0 22-Feb-14<br>0 20-Oct-14     | the state of the state | <ul> <li>Estimated NTP-2, (Wh210 Days of NTP-1)- Remaining Construction</li> <li>(OTS) Tunnel Access Available From CN 1252 Contractor (NTP</li> </ul>                                      | +450cd)                                     |
| MS-10                     | Substantial Completion - 1,700 Calendar Days (SP-4.B)  | 0                              | 22-Mar-18*             |   | • Substa                                    |
| C.Punch                   | Closeout Punchlis/Remaining Work   | 90 23-Mar-18                   | 20-Jun-18              |   |   |
| MS-20                     | Final Completion - 1,790 Calendar Days (SP-4C)   | 0                              | 20-Jun-18*             |   |   |
| Chinato                   | own - CTS-1254R  | 1214 27-Jul 13                 | 22 Mar 18              |   |   |
| All Local                 | lions  | 328 27-Jul-13                  | 29-Oct-14              |   |   |
| C.1.030                   | Obtain Permits   | 60 27-Jul-13                   | 24-Sep-13              | Obtain Permits  |   |
| C.1.070                   | Traffic & Pedestrian Control Plan Submittal & Approval   | 36 29-Jul-13                   | 17-Sep-13              | Obtain Permits:     Traffic & Pedestrian Control Plan Submittal & Approval  |   |
| C.1.330                   | Conduct Preconstruction Surveys  | 60 29-Jul-13                   | 21-Oct-13              |   |   |
| C.1.020                   | Non-Technical Submittals   | 60 29-Jul-13                   | 21-Oct-13              | Non-Rechnidal Submittals  |   |
| C.1.050                   | Engineering Submittals   | 180 29-Jul-13                  | 14-Apr-14              |   |   |
| C.2.300<br>C.2.340        | Install Instrumentation  | 25 22-Oct-13                   | 26-Nov-13              | Instrumentation Baseline Reading Spridd   |   |
| C.2.280                   | Instrumentation Baseline Reading Period<br>Install Sewer System Slip Lining & Laterals   | 60 27-Nov-13<br>20 16-Jan-14   | 25-Jan-14<br>12-Feb-14 | Install Sever System Sip Lining & Laterals  |   |
| C.1.080                   | Procure Mining Equipment & Materials   | 240 04-Mar-14                  | 29-Oct-14              | Firebure Mining, Equipment & Materials  |   |
|                           | ton Street   | 316 04-Sep-13                  | 19-Nov-14              |   |   |
| C.1090                    | Perform Environmental Soll Borings & Secure Disposal Site  | 60 04-Sep-13                   | 27-Nov-13              | Perform Environmental Soll Borings & Lecure Disposal Site   |   |
| C.1080                    | Implement Traffic & Pedestrian Control Plans   | 10 02-Jan-14                   | 15-Jan-14              | 📕 Implement Traffic & Pedestrian Contidel Plans   |   |
| C.1.060                   | Close Washington Street  | 0                              | 15-Jan-14              | ♦ Close Washington Street   |   |
| C.2.030                   | Utility Relocations In Washington Street   | 20 16-Jan-14                   | 12-Feb-14              | Utility Relocations in Washing on Street  |   |
| C.2.240                   | Backfill Deck @ Washington Street & Reconstruct  | 22 20-Oct-14                   | 19-Nov-14              | Packral Deck @ Washington Street & Reconstruct  |   |
| C.2.270                   | Re-open Washington Street  | 0<br>45 14-Jul-17              | 19-Nov-14<br>14-Sep-17 | ◆ Re-open Washington Street   |   |
| Stockton                  |  |                                |                        |   |   |
| C.4.375                   | Site Restoration / Paving / Catemary Restoration   | 44 14-Jul-17<br>1091 16-Jan-14 | 14-Sep-17<br>22-Mar-18 |   | Site Restaration / Paving / C               |
| C.2.020                   | Perform Hazardous Material Abatement - 933-949 Stockton  | 10 16-Jan-14                   | 00 100 44              | T Carter Uner date Manufactoria 1022 040 Clockion   |   |
| C.2.020                   | Demolish Building & Salvage items @ 933-949 Stockton (Phase 1 Work)  | 20 16-Jan-14                   | 29-Jan-14<br>12-Feb-14 | Perform Hazardous Material Abatenent - 1933-949 Stockton     Demolish Building & Salvage items @ 933-949 Stockton (Phase 1 Work)  |   |
| C.2.290                   | Archeological Investigation Period (15days)  | 15 13-Feb-14                   | 05-Mar-14              | Archeological Investigation Peribd (15days)   |   |
| C.2.040                   | Install Temporary Shoring Walls - Site Perimeter   | 10 06-Mar-14                   | 19-Mar-14              | Install Temporary Shoring Wals - Sile Perimeter   |   |
| C.2.050                   | Install Guide Walls  | 10 20-Mar-14                   | 02-Apr-14              | A III Install Guide Walls   |   |
| C.2.060                   | Prepare Bench to Top of Slurry Walls   | 5 03-Apr-14                    | 09-Apr-14              | Prepare Bench to Top of Sturry Walls  |   |
| C.2.070                   | Install Guide Walls & Slurry Walls - North, East, West Sides   | 97 10-Apr-14                   | 26-Aug-14              | Install Guide Walls & Stury Walls - North, East, West Sides     Install Guide Walls & Stury Walls - North, East, West Sides     Install Guide Walls & Stury Walls - North, East, West Sides |   |
| C.2.080<br>C.2.090        | Excavate to Surface Level Deck EL 92<br>Form/Rebar/Pour Surface Level Deck   | 10 27-Aug-14                   | 10-Sep-14              | Excav <sup>ine</sup> to Surface Level Deck EL 92  |   |
| C.2.100                   | Cure & Strip Falsework for Surface Level Deck  | 22 04-Sep-14<br>22 18-Sep-14   | 03-Oct-14<br>17-Oct-14 | Curre & Strip Falsework for Surface Level Dieck   |   |
| C.2.110                   | Excavate for Compensation Grout Tubes to El 92'  | 10 09-Oct-14                   | 22-Oct-14              | Excavate for Compensation Grout Tubes to E192   |   |
| C.2.120                   | Install Compensation Grout Tubes   | 22 15-Oct-14                   | 14-Nov-14              | FI Excavate for Compensation Grout Tubes to El 92'  |   |
| C.2.130                   | Excavate for Level 1 Struts - EL 81.5  | 12 29-Oct-14                   | 14-Nov-14              | S Pxcavate for Level 1 Struts - EL 81.5   |   |
| C.2.140                   | Install Level 1 Struts & Wales & Preload   | 7 05-Nov-14                    | 14-Nov-14              | Install Level 1 Struts & Wates & Preload  |   |
| C.2.150<br>C.2.160        | Excavate for Level 2 Struts - EL 65'<br>Install Level 2 Struts & Wales & Preload   | 16 20-Nov-14                   | 15-Dec-14              | 🗮 Excavate for Level 2 Struts - EL 65'  |   |
| C.2.160<br>C.2.170        | Excavate for Level 3 Struts & Vales & Preload  | 7 05-Dec-14<br>16 16-Dec-14    | 15-Dec-14<br>08-Jan-15 | Excavate for Level 3 Struts EL 48 5   | *******                                     |
| C.2.180                   | Form/Rebar/Pour Composite Walls Between 1.0 & 4.0 From Strut Level 3 to 4.5  | 10 19-Dec-14                   | 05-Jan-15              | Form/Rebar/Pour, Composite Walls Between 1.0 & 4.0 Fr   | om Strut Level 3 95                         |
| C.2.190                   | Install Level 3 Struts & Wales & Preload   | 8 31-Dec-14                    | 12-Jan-15              | install Level 3 Sthuts & Wates & Freidad  |   |
| C.2.200                   | Excavate to 4' Below Level 4 Struts EL 32.5  | 16 12-Jan-15                   | 02-Feb-15              | Excavate to 4' Below Level 4 Siruts EL 32.5   |   |
| C.2.210                   | Form/Rebar/Pour Composite Walls Between 1.0 & 4.0 to Level 4   | 10 15-Jan-15                   | 28-Jan-15              | Form/Rébai/Peur Composite Walts Between 1.0 & 40  | to Lével 4                                  |
| C.2.230                   | Install Level 3.5 Strut & Wale   | 8 26-Jan-15                    | 04-Feb-15              | Instell Level 3:5 Strut & Wale  |   |
|                           | 24-Apr-13 Plot Date  |                                |                        | SFMTA - Central Subway  |   |
|                           | 18-Apr-13 Data Date  |                                |                        | Contract 1300   | Tutor-Perini Corporation                    |
| 1 of 11 Proposal Schedule |  |                                |                        |   |   |
|                           |  |                                |                        |   |   |

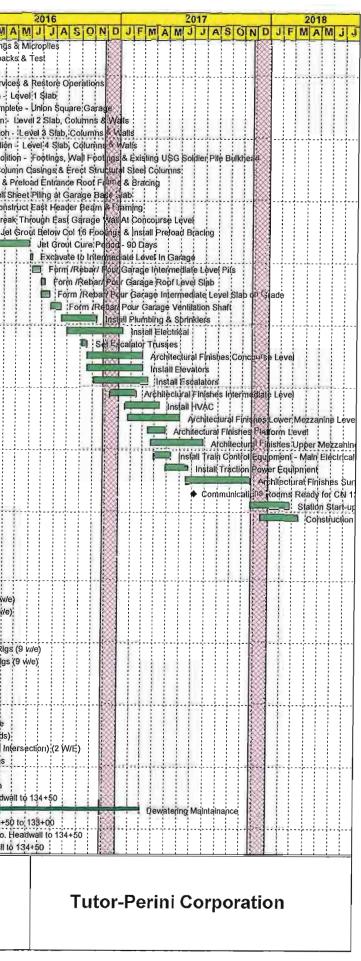
| Base Process Results Res     Base Process Res     Base Proces Res     Base Process  | Activity ID  | Activity Scope   | Original Start<br>Duration   | Finish   | 2013<br>J J A S O N D                 |                | JFMAMJJASONDJFMAN                           | 2010 2017 2018<br>3 J A S O N D J F M A M J J A S O N D J F M A M J J                             |
|---|--|--|--|--|---------------------------------------|----------------|---|---|
| Picture         Picture <t< th=""><th>and the second sec</th><th>a set and the set of the set of the set of the set of the set</th><th>7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -</th><th></th><th></th><th></th><th>Install Level 4 Struts &amp; Wales &amp; Pretoad</th><th></th></t<> | and the second sec   | a set and the set of the set of the set of the set of the set  | 7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -  |  |                                       |                | Install Level 4 Struts & Wales & Pretoad    |   |
| Surgin with with an end much and much an   | and the second s | A CONTRACT OF A CO   |  |  |                                       | 8              | Excavate to 4 Below Level 5 E ruts EL 16    |   |
| Product Normal State Stat   | the second  | and the second  |  | ALCONTRACT.  |                                       |                | Install Level 5 Struts & Wales & Preload    |   |
| Law Structure 1941 12<br>Process Structure 1941 12<br>Proc   | the state of the s |  | and the second s |  |                                       | J              | Excavate to 4' Below Level & Struts EL 7.5' | ╺╬╍╌┟╍╶╎╍╶╎╍╴╽╺╘ <mark>╔</mark> ╱╣══┟╡╼╏┑╍╬╍╬╌╍╞╍╶┟╍╎┥╍┝╍┟╍┟╴╴ <mark>╔</mark> ╱╗┇╍╎╌╻┥╍╴┧╍┝╍╽╸╸╽╸ |
| 0.11       0.11       0.14  |  | the second of the second s   |  | and the second of the second of the second s | -                                     |                | Excavate to 3 Below Level 7 Stats Et -7 5   |   |
| Production       Production <td>di buibeere</td> <td>[11] And The Property Constraints and Constraints and Constraints and Constraints and Constraints.</td> <td>2 (m) (1000 (m) (m) (m) (m) (m) (m) (m) (m) (m) (m)</td> <td>and the second se</td> <td></td> <td>8                        </td> <td>Install Level 7 Struts &amp; Wales &amp; Preload</td> <td></td>   | di buibeere  | [11] And The Property Constraints and Constraints and Constraints and Constraints and Constraints.   | 2 (m) (1000 (m)  | and the second se  |                                       | 8              | Install Level 7 Struts & Wales & Preload    |   |
| Bit Markenser, M   | C.2.380  | Excavate Headhouse to Invert Stab EL -18.67  | [4] [  | the second se  |                                       | 8              | Excavate Headhouse to Invert Slab EL -18    | .67   |
| •••••••••••••••••••••••••••••   | C.4.010  | Prep Invert Slab, Install Ground Mat, Gravel, Mud Slab   | 5 17-Apr-15  | 23-Apr-15  |                                       |                | Prep Invert Slab, Install Ground Mat Grav   | el, Mud Slab  |
|   | and second second  | the second s   | 5 24-Apr-15  | 30-Apr-15  |                                       |                | Install Waterproofing Invert Stab           |   |
| Construction         Construction<  | the second second  | and a second data and an annual second  |  | and the second   |                                       | 8              | Form/Rebar/Pour - Invert;Slab               |   |
| Improvement   | · · · · · · ·  | and the second   |  | and the second s | -                                     |                |   |   |
| <ul> <li></li></ul>   | THE R. LANSING MICH.   | and an excitation of the second statement of the local data was a second statement of the  |  | The second secon | -                                     | 8              | Cure & Place Settlement Pour S              |   |
| 0.00000000000000000000000000000000000   | And a state of the | The second se  | and the second sec   |  | · · · · · · · · · · · · · · · · · · · | <u>}</u>       | ┝╌┾╍┿╍┾╌┼╌┼╍┾╍┼╌┽╌┽╸┾┉Ѭ╗╍┾╍┼╍┼╌             | Form/Rehar/Pour/Strip - Court State Valls Invert State to F                                       |
| 9     - Marketarware     10     00   | 1000 C 1000  | No. I have been proved and served. I wanted and a server of the server o | The second s   | The second se  |                                       |                |   | Install Falsework - For Platform evel Slab  |
| Construction         Construction<  | 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | a second s  |  | the second secon |                                       |                |   |   |
| 6.4.7         Immediate/array (Security American Local         0.9.9747         0.9447           6.4.7         Production Local         0.9.9747         0.9447           6.4.7         Production Local         0.9.9747         0.9447           6.4.7         Production Local         0.9.9747         0.9477           6.4.8         Production Local         0.9.9747         0.9477           6.4.9         Production Local         0.9.9747         0.9977           6.4.9         Production Local         0.99747         0.9977           6.4.9         Production Local         0.9977         0.9977           6.4.9         Production Local         0.99777         0.9977   | C.4.065  | Form/Rebar/Pour/Strip - Columns Platform Slab to Concourse Level   | 10 13-Feb-17   | 24-Feb-17  |                                       |                |   |   |
| Control     Province     Provin   | and the second s | and the second  | 5 20-Feb-17  | 24-Feb-17  |                                       |                |   | I Conoreté Cure : Platform Level Blab   |
| 6.000     Initial Results, for Concent care of Biol     1000 Hold (1000 Hold (10000 Hold (1000 Hold (1000 Hold (1000 Ho   |  | I see the set with set of the set |  |  |                                       |                |   |   |
| absolute     if is this that is the set of the set   | I THE R PARTY AND A PARTY OF   | A finite of the second se   | the second se  | 1 Te 1 1 1 1 1 2 1 1 1 1   | - 8                                   |                |   | Remove Level 6 & 7; Struts & Wales  |
| abs/bit     Termittader/set/lise     10 Set/lise     10 Set/lise <td< td=""><td>and and the second</td><td>the second s</td><td>The second is described in the second</td><td>1 m m m m m m m m m m m m m m m m m m m</td><td></td><td></td><td></td><td>Install Falsework - For Concourse Level Slab</td></td<>  | and and the second   | the second s   | The second is described in the second  | 1 m m m m m m m m m m m m m m m m m m m  |                                       |                |   | Install Falsework - For Concourse Level Slab  |
| a. more direction     if is directify     if is dis directify   | and and see all the second   | a devision of the second states of the second states and the second states and the   |  |  |                                       |                |   | Eorm/Rebar/Rour/Strint, Chlumps Concourse Stat  |
| a. bit if fate-or.s. for the medical local Bits     iiii 0 004/r1     iiii 0 004/r1     iiiii 0 004/r1       b. bits     iiiii 0 004/r1     iiiiii 0 004/r1     iiiiii 0 004/r1     iiiiii 0 004/r1       b. bits     iiiiii 0 004/r1     iiiiii 0 004/r1     iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii  | An in contrast   | The second sec  | · · · · · · · · · · · · · · · · · · ·  | the second se  | · · · · · · · · · · · · · · · · · · · |                | ╍╬╍╬╍╊╍╊╍╊╍╬╍╊╍╂╍╬╍╊╍                       | Concrete Cure - Conchurse Level Stah  |
| a.g.       Providewidewide       10 10-er7  | and the second s |  |  | and the second se  |                                       |                |   | Instalt Falsework - For Intermediate Level Slab   |
| 0.100     Provine factor     0.1364/01     9.1364/01     9.456/01  | C.4.130  | Form/Rebar/Pour - Intermediate Level Slab  |  |  |                                       |                |   | Form/Rebat/Pour - Intermediate Level Slab   |
| chief     issued Taxastri water Basel     11 2 April 1   | C.4.260  |  | 5 13-Apr-17  | 19-Apr-17  |                                       |                |   | Pour Equipment Pads Main Electrical & Traction  |
| class     indul Trade The Base Base Base Interesting Base Is low Mag Livel     if 2 Apply 11     if 2 Apply 11 </td <td>and the second second</td> <td></td> <td>5 13-Apr-17</td> <td>19-Apr-17</td> <td></td> <td></td> <td></td> <td>I Remove Level 5 Strut &amp; Wales</td>  | and the second second  |  | 5 13-Apr-17  | 19-Apr-17  |                                       |                |   | I Remove Level 5 Strut & Wales  |
| 0.4.10     Occure Construction     0.0.0.4.11        | AND A REPORT OF  | and the second se  |  | 1999 - The Part of |                                       |                |   | Install Electrical Edulphien - Main Electrical Ro   |
| Chief     Correls Outs- Intermediate Load State <sup>0</sup> / <sub>2</sub> Outboard <sup>0</sup> / <sub>2</sub> Outboar  | i real and the   | the second  |  | the second s   | - 8                                   |                |   | Install Traction Power Equipment;   |
| <ul> <li></li></ul>   | the literature of the second   |  |  | the second se  |                                       |                |   | Form/Rebar/Pour/Sing- Columns Intermediate  |
| 0.4.9     Minore Levit Boats A Wate     0.00000000000000000000000000000000000   | and the second s | Charles and an and an an an and an an an and an  |  | The second se  |                                       |                |   | Concrete Gure - Intermediate Level Slab   |
| c.490       intervol Levil Status 4 Status 4 Value       0.0000 (Status 1000)       0.0000 (Status 1000)         c.400       intervol Levil Status 1 Stat   | and the second s | the second s   | and the second se  |  |                                       |                |   | Form/Rebar/Pourk ower Mezzi evel Slab   |
| C499     Install Energy Distance Fain     0 0 March <sup>2</sup> 2 2 March <sup>2</sup> 1       C499     Install Energy Distance Fain     0 0 March <sup>2</sup> 2 2 March <sup>2</sup> 1       C499     Install Energy Distance Fain     0 0 March <sup>2</sup> 2 2 March <sup>2</sup> 1       C499     Install Energy Distance Fain     0 0 March <sup>2</sup> 2 2 March <sup>2</sup> 1       C499     Install Energy Distance Fain     0 0 March <sup>2</sup> 2 2 March <sup>2</sup> 1       C499     Install Energy Distance Fain     0 0 March <sup>2</sup> 2 2 March <sup>2</sup> 1       C499     Install Energy Distance Fain     0 0 March <sup>2</sup> 1       C499     Install Energy Distance Fain     0 0 March <sup>2</sup> 1       C499     Install Energy Distance Fain     0 0 March <sup>2</sup> 1       C499     Install Energy Distance Fain     0 0 March <sup>2</sup> 1       C499     Install Energy Distance Fain     0 0 March <sup>2</sup> 1       C499     Install Energy Distance Fain     0 0 March <sup>2</sup> 1       C499     Install Energy Distance Fain     0 0 March <sup>2</sup> 1       C499     Install Energy Distance Fain     0 0 March <sup>2</sup> 1       C499     Install Energy Distance Fain     0 0 March <sup>2</sup> 1       C499     Install Energy Distance Fain     0 0 March <sup>2</sup> 1       C499     Install Energy Distance Fain     0 0 March <sup>2</sup> 1       C499     Install Energy Distance Fain     0 0 March <sup>2</sup> 1       C499     Install Energy Distance Fain     0 0 March <sup>2</sup> 1  |  |  |  | TO MAKE AN AVAILABLE AND A   | · · · · · · · · · · · · · · · · · · · |                |   | I Remove Level 4 Stille & Wates   |
| C4228     Intell Headmace HVAC     00 23 Mey 17     (43,49,47)       C4100     Controls Unit: Units and Expert Mission HVAC     00 24 Mey 17     (43,49,47)       C4100     Controls Unit: Units and Expert Mission HVAC     00 24 Mey 17     (43,49,47)       C4100     Controls Unit: Units and Expert Mission HVAC     00 24 Mey 17     (43,49,47)       C4200     Expert Mission HVAC     00 24 Mey 17     (43,49,47)       C4200     Expert Mission HVAC     00 34 Mey 17     (34,49,47)       C4200     Expert Mission HVAC     00 34 Mey 17     (34,49,47)       C4200     Controls Unit: Units Mission HVAC     00 34 Mey 17     (34,49,47)       C4200     Controls Unit Units Mission HVAC     00 34 Mey 17     (34,49,47)       C4200     Controls Unit Units Mission HVAC     00 34 Mey 17     (34,417)       C4200     Controls Unit Units Mission HVAC     00 34 Mey 17     (34,417)       C4200     Controls Unit Unit Mission HVAC     00 34 Mey 17     (34,417)       C4200     Controls Unit Unit Mission HVAC     00 34 Mey 17     (34,417)       C4200     Controls Unit Unit Mission HVAC     00 34 Mey 17     (34,417)       C4200     Controls Unit Unit Mission HVAC     00 34 Mey 17     (34,417)       C4200     Controls Unit Unit Mission HVAC     00 34 Mey 17     (34,417) <td>C.4.045</td> <td>Install Emergency Exhaust Fans</td> <td>10 09-May-17</td> <td>22-May-17</td> <td></td> <td></td> <td></td> <td>Install Emergency Exhaust Fans:</td>   | C.4.045  | Install Emergency Exhaust Fans   | 10 09-May-17   | 22-May-17  |                                       |                |   | Install Emergency Exhaust Fans:   |
| C4.220     Install Headbause MAC     00 23 May 17     0 Auge 17       C4.100     Concrete Cure-Uper Metz Level State     0 23 May 17     0 Auge 17       C4.100     Concrete Cure-Uper Metz Level State     0 23 May 17     0 Auge 17       C4.100     Concrete Cure-Uper Metz Level State     0 23 May 17     0 Auge 17       C4.100     Concrete Cure-Uper Metz Level State     0 23 May 17     0 Auge 17       C4.100     Concrete Cure-Uper Metz Level State     0 23 May 17     0 Auge 17       C4.100     Concrete Cure-Uper Metz Level State     0 23 May 17     0 Auge 17       C4.100     Concrete Cure-Uper Metz Level State     0 50 Aug 17     0 Auge 17       C4.100     Concrete Cure-Uper Metz Level State     0 50 Aug 17     0 Aug 17       C4.100     Concrete Cure-Uper Metz Level State     0 50 Aug 17     0 Aug 17       C4.100     Concrete Cure-Uper Metz Level State     0 50 Aug 17     0 Aug 17       C4.100     Concrete Cure-Uper Metz Level State     0 50 Aug 17     0 Aug 17       C4.100     Concrete Cure-Uper Metz Level State     0 70 Aug 17     0 Aug 17       C4.100     Concrete Cure-Uper Metz Level State     0 70 Aug 17     0 Aug 17       C4.100     Concrete Cure-Uper Metz Level State     0 70 Aug 17     0 Aug 17       C4.100     Concrete Cure-Uper Metz Level State   |  | Form/Rebar/Pour/Strip - Composite Walls Intermediate Slab to Lower Mezz Level  | 10 16-May-17   | 30-May-17  |                                       |                |   | Form/Rebat/Pour Strip - Composite Walls In  |
| c.222     total Head Inductors MVAC     60 23 Mey 17     (4.4.9.4.7)       c.4.100     Control Curve - Uniter Mark Level State     60 2.4.9.4.7     (4.4.9.4.7)       c.4.200     reamone Level State & Values     60 2.4.9.4.7     (4.4.9.4.7)       c.4.201     reamone Level State & Values     60 2.4.9.4.7     (4.4.9.4.7)       c.4.201     reamone Level State & Values     60 2.4.9.4.7     (4.4.9.4.7)       c.4.202     reamone Level State & Values     60 2.4.9.4.7     (4.4.9.4.7)       c.4.203     reamone Level State     10 2.4.9.4.7     (4.4.9.4.7)       c.4.204     reamone Level State     10 2.4.9.4.7     (4.4.9.4.7)       c.4.205     reamone Level State     01 9.4.9.7     (4.4.9.4.7)       c.4.205     reamone Level State     01 9.4.0.7     (4.4.9.4.7)       c.4.205     reamone Level State     01 9.4.0.7     (3.4.4.7)       c.4.206     reamone Level State     01 9.4.0.7     (3.4.4.7)       c.4.206     reamone Level State     01 9.4.0.7     (3.4.4.7)       c.4.206     reamone Level State & Values     01 9.4.0.7     (3.4.4.7)       c.4.206     reamone Level State & Values     01 9.4.0.7     (3.4.4.7)       c.4.206     reamone Level State & Values     01 9.4.0.7     (3.4.4.7)       c.4.206     reamone Level State & Values<  |  |  |  |  |                                       |                |   | Form/Rebar/Poul/Strip - Columns Lower Me  |
| C4.100       Concrete Lover Marz, Level Slain       \$ 25.4Mpr-17       @J.uer.17       @J.uer.17         C4.100       Remove Level Slain S Values       10.6J.uer.17       @J.uer.17       @J.uer.17         C4.200       Instale Fistemon, For Upper Marz, Level Slain       10.6J.uer.17       @J.uer.17       @J.uer.17         C4.210       Rominescription Level       80.6J.uer.17       @J.uer.17       #J.uer.17       #J.uer.17         C4.210       Rominescription Level       80.6J.uer.17       #J.uer.17       #J.uer.17 <td></td> <td></td> <td></td> <td>7</td> <td></td> <td></td> <td></td> <td>nstall Headhouse &amp; Syste</td>  |  |  |  | 7  |                                       |                |   | nstall Headhouse & Syste  |
| C.4.100     Namou Land 3 Shuba & Vales     6 OS-Junit 7     0 Junit 7       C.4.200     Initial Faithwest - Four Measure Market Stabe Name     10 OS-Junit 7     10 Junit 7       C.4.201     Parmee Land 3 Shuba & Vales     10 OS-Junit 7     10 Junit 7       C.4.201     Parmee Land 3 Shuba & Vales     10 OS-Junit 7     10 Junit 7       C.4.201     Parmee Land 3 Shuba & Vales     10 OS-Junit 7     2 Junit 7       C.4.201     Parmee Land 3 Shuba & Vales     10 OS-Junit 7     2 Junit 7       C.4.202     FourieReburger- Units Name     10 OS-Junit 7     2 Junit 7       C.4.203     Contract Land 3 Shuba & Vales     10 OS-Junit 7     2 Junit 7       C.4.204     FourieReburger- Units Name     10 OS-Junit 7     2 Junit 7       C.4.205     ActineClauf Faithete Stabe Stab   |  |  |  | 1 P P P P P P P P P P P P P P P P P P P  |                                       |                |   |   |
| C.4200     Install Factors: For Upper Marz Level Stath     0.0 65-Jun (?     10 - 45-Jun ?     10 - 65-Jun ?     10 - 65-   |  |  |  |  |                                       |                |   | I Remove Level 3 Statts & Wales   |
| C.210       Form/Retail/Point       1500-Junif?       28-Junif?   |  |  | · · · · · · · · · · · · · · · · · · ·  | and the second s |                                       |                |   | Install Falsework For Upper Mezz Level S  |
| C.4.210       FormRetar/Part Upper Mazz Level Bab       16 00-duni17       28-Juni 77  | C.4.215  | Architectural Finishes Platform Level  | 30 05-Jun-17   | The second of the second   |                                       |                |   | Architectura Finishes Platform Level  |
| Additional Finishes Concorse Level 90 19-04-07 24-06-17 discusses Concorse Level 91 29-04-07 03-04-07 13-04-17   | C.4.210  |  | 15 08-Jun-17   | 28-Jun-17  |                                       |                |   | Form/Rebar/Pour Upper Mezz Level SI   |
| c.4.20       Concrete Cure - Upper Mazz Level State       5 29-Jule 17       60-Jule 17 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Form/Rebar/Pour/Strip - Composite Walls</td>   |  |  |  |  |                                       |                |   | Form/Rebar/Pour/Strip - Composite Walls   |
| C4.136 Form/Reham/Cut/Reha  |  |  |  |  |                                       |                |   | Atchifectural Finishes Concor   |
| C.4.136     Form/relative four/ship - Columns Upper Mazzinis Level     10     28-Jun-17     13-ul-17     13-ul-17<   |  |  |  | 1  |                                       |                |   | Goncrete Guite - Upper Mezz Lével Slab  |
| C.4.200       Remove Level 2 Statts & Wales       5 07-Julr 7       13-Julr 17       13-Julr 16       13-Julr 16       13-Julr 16   |  |  |  | F  |                                       |                |   | Form/RehardRout/Stin - Columos Lione  |
| C4.420       Remove Level 15 Nucle & Wates       0       14-Jul-17       20-Jul-17       10-Aug-17       10-Aug   |  |  |  |  |                                       |                |   |   |
| C.4.240       Remove Level 11 Struta & Wales       6 14-Jul-17       20-Jul-17       10-Jul-17  |  |  |  | Contraction of the second second   |                                       |                |   | Architectural Finishes Intermediate Le  |
| C.4.355     Architectural Finishes Upper Mezzanne Level     90     0.4.4ug-17     13-Dec-17       C.4.355     Architectural Finishes Surface Level     90     0.1-Sep-17     11-Jan-18       C.4.355     Architectural Finishes Surface Level     90     0.1-Sep-17     11-Jan-18       C.4.355     Architectural Finishes Surface Level     90     0.1-Sep-17     11-Jan-18       C.4.315     Stert-up & Testing     81     16-Nov-17     22-Mar-18       Cross Cut Cavern     50     0-Jun-15     05-Jun-15     05-Jun-15       C.2.274     Place & Cure CDF in TBM Tunnels @ Crosscut Cavern     5     01-Jun-15     05-Jun-15       C.2.274     Place & Cure CDF in TBM Tunnels @ Crosscut Cavern     60     04-Aug-15     05-Jun-15       C.2.274     Place & Cure CDF in TBM Tunnels @ Crosscut Cavern     40     08-Jun-15     05-Jun-15       C.2.270     Install Barrel Vaul Piping     10     08-Jun-15     05-Jun-15       24-Apr-13     Plot Date     SFMTA - Central Subway       18-Apr-13     Data Date     Contract 1300     Tutor-Perini Corporation   | and the second sec   |  | 5 14-Jul-17  |  |                                       |                |   | I Remove Level 1 Struts & Wales   |
| C.4.395     Architectural Finishes Upper Mezzanine Level     90     0.4.Aug-17     13-Dec-17       C.4.395     Install Elevalors 34     67     11-Jan-16       C.4.395     Architectural Finishes Surface Lavel     90     0.1-Sep-17     11-Jan-16       C.4.395     Architectural Finishes Surface Lavel     90     0.1-Sep-17     11-Jan-16       C.4.395     Architectural Finishes Surface Lavel     90     0.1-Sep-17     11-Jan-16       C.4.315     Start-up & Testing     88     16-Nov-17     22-Mar-18       Cross Cut Cavern     545     05-Jun-15     05-Jun-15     05-Jun-15       C.2.224     Place & Cure CDF In TBM Tunnels @ Crosscut Cavern     5     01-Jun-15     05-Jun-15       C.2.220     Install Barrel Vaul Piping     10     0.4-Jun-15     05-Jun-15       2.2.220     Install Barrel Vaul Piping     10     0.4-Jun-15     05-Jun-15       2.2.220     Install Barrel Vaul Piping     10     0.4-Jun-15     05-Jun-15       2.2.220     Install Barrel Vaul Piping     10     0.4-Jun-15     0.4-Jun-15       18-Apr-13 Plot Date     SFMTA - Central Subway     Install Barrel Vaul Piping     Tutor-Perini Corporation  | the second second  | A CANADA A C  |  |  |                                       |                |   | Form/Rebar/Four/Strip - Surface Lev   |
| C.4.355     Architectural Finishes Upper Mezzanne Level     90     0.4.Aug-17     13-Dec-17       C.4.355     Architectural Finishes Surface Level     90     0.1-Sep-17     11-Jan-16       C.4.355     Architectural Finishes Surface Level     90     0.1-Sep-17     11-Jan-16       C.4.355     Architectural Finishes Surface Level     90     0.1-Sep-17     11-Jan-16       C.4.315     Stert-up & Testing     88     16-Nov-17     22-Mar-18       Cross Cut Cavern     50     0-Jun-15     05-Jun-15     05-Jun-15       C.2.274     Place & Cure CDF in TBM Tunnels @ Crosscut Cavern     5     01-Jun-15     05-Jun-15       C.2.274     Place & Cure CDF in TBM Tunnels @ Crosscut Cavern     40     08-Jun-15     05-Jun-15       C.2.274     Place & Cure CDF in TBM Tunnels @ Crosscut Cavern     40     08-Jun-15     05-Jun-15       C.2.270     Install Barrel Vaul Piping     10     08-Jun-15     05-Jun-15       C.2.274     Place & Cure CDF in TBM Tunnels @ Crosscut Cavern     10     08-Jun-15     05-Jun-16       C.2.274     Place & Cure CDF in TBM Tunnels @ Crosscut Cavern     5     05-Jun-15     05-Jun-16       C.2.270     Install Barrel Vaul Piping     16     06-Jun-15     06-Aug-15  |  | and the second se  |  |  |                                       |                |   | Set Head ouse Escalator Trusses   |
| C.4.355     Architectural Finishes Upper Mezzanne Level     30     0.4.Aug-17     13-Dec-17       C.4.355     Architectural Finishes Surface Level     00     0.1-Sep-17     11-Jan-16       C.4.365     Architectural Finishes Surface Level     00     0.1-Sep-17     11-Jan-16       C.4.315     Stort-up & Testing     00     0.1-Sep-17     11-Jan-16       C.4.315     Stort-up & Testing     88     16-Nov-17     22-Mar-18       C.4.325     Octore CDF in TBM Tunnels @ Crosscut Cavern     5     01-Jun-15     05-Jun-15       C.2.220     Install Barnel Vaul Piping     6     0.4-Aug-15     0.4-Aug-15       24-Apr-13     Plot Date     SFMTA - Central Subway       18-Apr-13 Data Date     Contract 1300     Tutor-Perini Corporation   | C. Harrison  |  |  | A A A A A A A A A A A A A A A A A A A  |                                       |                |   | Architectural Finishes Lower N  |
| C4.305     Atchitectural Finishes Sufface Laveri     90-01-Sep-17     11-Jan-18       C4.315     Start-up & Testing     80 16-Nov-17     22-Mar-16       Coss Cut Cavern     501-Jun-15     03-Jun-15     03-Jun-15       C.2.274     Place & Cure CDF in TBM Tunnels @ Crosscut Cavern     501-Jun-15     03-Jun-15       C.2.270     Install Barrel Vault Piping     10-08-Jun-15     03-Aug-15       Value     SFMTA - Central Subway       Cather     Tutor-Perini Corporation  |  |  |  |  |                                       |                |   |   |
| C4.305     Architectural Finishes Sufface Level     90-01-Sep-17     11-Jan-16       C4.305     Start-up & Testing     80 16-Nov-17     224/Aar-16       Cross Cut Cavern     50 - Jun-15     30-Jun-17       C.2.274     Place & Cure CDF in TBM Tunnels @ Crosscut Cavern     5 01-Jun-15       C.2.270     Install Barrel Vault Piping     40 08-Jun-15       24-Apr-13 Plot Date     SFMTA - Central Subway       18-Apr-13 Data Date     Contract 1300   | The second secon |  |  |  |                                       |                | ╍╬╶┋╍┋╍┠╍┢╍╬╍╊╍┟╍┼╍┾╸╠┈┣╦╏╍╬╍┠╍┟╍╽          | Install Flavalors 3 & 4   |
| C4.315       Start-up & Testing       88       16-Nov-17       22-Mar-18         Cross Cut Cavern       545 (0x-Jun-15)       30-Jun-17       30-Jun-17       30-Jun-17         C.2.274       Place & Cure CDF in TBM Tunnels @ Crosscut Cavern       5 01-Jun-15       05-Jun-15       03-Jun-15   |  | and the second  |  |  |                                       |                |   | Architectural Finishe   |
| Cross Cut Cavern       545 (04-Jun-15)       30-Jun-17         C.2.274       Place & Cure CDF in TBM Tunnels @ Crosscut Cavern       5 01-Jun-15       05-Jun-15         C.2.20       Install Barrel Vault Piping       40 08-Jun-15       03-Aug-15         24-Apr-13 Plot Date       SFMTA - Central Subway         18-Apr-13 Data Date       Contract 1300   | and the second sec   | Start-up & Testing   |  | A  |                                       |                |   | Start-up & T  |
| C.2.274<br>C.2.220       Place & Cure CDF in TBM Tunnels @ Crosscut Cavern       5 01-Jun-15 05-Jun-15 03-Aug-15       05-Jun-15 03-Aug-15         24-Apr-13 Plot Date       30 08-Jun-15 03-Aug-15       03-Aug-15       03-Aug-15         18-Apr-13 Data Date       Contract 1300       Tutor-Perini Corporation  | Cross Cu   | it Cavern  | 545 (04-Jun-15   | 30-Jun-17  |                                       |                |   |   |
| 24-Apr-13 Plot Date     SFMTA - Central Subway       18-Apr-13 Data Date     Contract 1300   Tutor-Perini Corporation   |  |  | 5.01-100-15  | 05-100-15  |                                       |                | Place & Cure CDE to TBM Tunnels @           | Crosscul Caverri  |
| 18-Apr-13 Data Date     Contract 1300     Tutor-Perini Corporation  |  | Install Barrel Vault Piping  | the second se  |  |                                       |                | Ihstáll Barnel Vault Piping                 |   |
|   |  | 24-Apr-13 Plot Date  |  |  | SFMTA -                               | Central Subway |   |   |
|   |  | 18-Apr-13 Data Date  |  |  | Cor                                   | ntract 1300    |   | Tutor-Perini Corporation  |
|   |  | 2 of 11  |  |  | D                                     | al Cabadula    |   |   |

| Activity ID   | Activity Scope  | Original Start               | Finish                 |   | 2017 2018<br>1 JAISTONIC JEMAMAJIJASON DJEMAMIJI   |
|---|---|------------------------------|------------------------|---|--|
| 0.0.075   | Breakout Top Region - Crosscut Cavern Opening   | Duration<br>5 04-Aug-15      | 10-Aug-15              | JJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJ<br>Breakout Koy Region - Crosscu  |  |
| C.2.275<br>C.3.010  | Breakout Top Region - Crosscut Cavern Opening<br>Breakout Top Region Diaphram Wall - Crosscut Cavern Opening                          | 5 11-Aug-15                  | 17-Aug-15              | Breakout Top Region Diaphram  |  |
| C.3.020   | Stage 1 - Excavate & Support Breakout to Elev +19 - Crosscut Cavern Opening   | 5 18-Aug-15                  | 24-Aug-15              |   | Breakout to Elev 19 Crosscut Cavern Opening  |
| C.3.030   | Stage 2 - Excavate & Support Breakout to Elev +12 - Crosscut Cavern Opening   | 5: 25-Aug-15                 | 31-Aug-15              | a second s | t Breakout to Elev 122- Crosscut Cevern Opening  |
| C.3.040   | Excavate & Support Step 1 Top Headings - Crosscut Cavern  | 5: 01-Sep-15                 | 08-Sep-15              |   | op Headings - Crcs. ost Qavern   |
| C.3.050   | Excavate & Support Step 2 Top Heading - Crosscut Cavern   | 5 09-Sep-15                  | 15-Sep-15              | Excavate & Support Step 2   | Top Heading - Cross L Cavern   |
| C.3.060<br>C.3.070  | Excavate & Support Step 3 Benches - Crosscut Cavern<br>Excavate & Support Step 4 Invert - Crosscut Cavern                             | 5 16-Sep-15<br>5 23-Sep-15   | 22-Sep-15<br>29-Sep-15 | Excavate & Support Step 4   |  |
| C.3.080   | Excavate & Support Step 4 Invert - Crosscut Cavern  | 5 30-Sep-15                  | 06-Oct-15              | Excavale Step 5 Berich 1  | Grosscut Cavern 🐼  |
| C.3.090   | Excavate Step 6 Bench 2 - Crosscut Cavern   | 5' 07-Oct-15                 | 13-Oct-15              | Excavate Step 6;Bench 2   | - Crosscut Caver   |
| C.3.100   | Excavate & Support Step 7 Invert - Crosscut Cavern  | 5 14-Oct-15                  | 20-Ocl-15              | I Excavate & Support Ste  |  |
| C.3.390   | Breakout Remaining Cross-Cut Cavern Opening   | 5 21-Oct-15                  | 27-Oct-15              | Ereakout Remaining Cr   | ss-Cut Cavern Opening<br>ss Cut Invert for Flatform Cavern Excavation  |
| C.3.400   | Temporary Backfill Cross Cut Invert for Platform Cavern Excavation  | 5 28-Oct-15                  | 03-Nov-15<br>08-Feb-17 |   |  |
| C.3.900<br>C.3.710  | Construct Headwall & Section B Concrete - Cross Cut Cavern<br>Final Lining Invert - Cross Cut Cavern                                  | 16 18-Jan-17<br>20 18-Jan-17 | 09-Feb-17              |   | Construct Headwall & Section & Shorrete - Cross Cut C<br>Final Lining Invert - Cross Cut Cavern  |
| C.3.715   | Rebar/Form/ Pour Invert - Crosscul Cavern   | 20 18-Jan-17                 | 14-Feb-17              |   | 😥 🍊 Rebar/Form/Pour Invert - Crossout Cavern   |
| C.3.750   | Final Lining Arches - Crosscut Cavern   | 20 01-Feb-17                 | 23-Feb-17              |   | Einal:Lining Arches - Crossor Chvern   |
| C.3.785   | Rebar/Form/ Pour Corbels & Walls - Crosscut Cavern  | 10 15-Feb-17                 | 28-Feb-17              |   | Rebar/Form/ Pour Corbels & Walls - Crosscut Cavern   |
| C.3.760   | Shore/Rebar/Form Pour Track Slab - Crosscul Cavern  | 15 01-Mar-17                 | 21-Mar-17              |   | Shord/Rebal/Form Pour Stack Stab - Crosscut Cav  |
| C.3.780   | Rebar/Form/ Pour Platforms - Crosscut Cavern  | 20: 15-Mar-17                | 11-Apr-17              |   | Repar/Form/ Pour Plater Plater is a crosscut cavern     Shore/Rebar/Form Pour Chncourse Level Slab   |
| C.3.770<br>C.4.305  | Shore/Rebar/Form Pour Concourse Level Slab - Crosscut Cavern<br>Install Platform Architectural Finishes                               | 15 29-Mar-17<br>50 07-Apr-17 | 18-Apr-17<br>16-Jun-17 |   | Install Platform A chitectural Finishes  |
| C.4.305<br>C.4.285  | Install Platform Electrical   | 60 07-Apr-17                 | 30-Jun-17              |   | Install Platforr Etectrical  |
| C.4.265   | Set Escalator Trusses 1 & 2   | 5 12-Apr-17                  | 18-Apr-17              |   | Set Escalator Trusses & 2  |
| C.4.255   | Install Elevators 1 & 2   | 40, 12-Apr-17                | 07-Jun-17              |   | Install Elevators  |
| C.4.275   | Assemble Escalator Trusses 1 & 2  | 20 19-Apr-17                 | 16-May-17              |   | install Platform Weshanical  |
| C.4.295   | Install Platform Mechanical   | 50 19-Apr-17                 | 28-Jun-17              |   |  |
| Platform  | Cavern South  | 446 04-Nov-15                | 19-Jul-17              |   |  |
| C.3.440   | Barrel Vaults at South Platform Cavern Excavation   | 10 04-Nov-15                 | 18-Nov-15              | parret Valuits at Soul  | Platform Cavern Excavation   |
| C.3.450   | Breakin/Complete Top Benches for South Platform Cavern Excavation   | 40 19-Nov-15                 | 19-Jan-16              | - Dieaminourip  | ete Top Benches for South Platform Cavern Excavation<br>omplete Excavate & Support South Platform Cavern 176Lf   |
| C.3.460<br>C.3.560  | Complete Excavate & Support South Platform Cavern 176Lf<br>Final Lining Invert - Platform Cavern South                                | 80 20-Jan-16<br>20 10-Feb-17 | 10-May-16<br>04-Mar-17 |   | Final Lining Invert - Platform Cavern South  |
| C.3.580   | Final Lining Arches - Platform Cavern South   | 20 16-Feb-17                 | 10-Mar-17              |   | Final Lining Arches - Platform Gavern South  |
| C.3.565   | F/R/P/S Walls Under Track Slab - Platform Cavern South  | 15 17-Feb-17                 | 09-Mar-17              |   | F/R/P/S Walls Under, Track Stab - Platform Cavern So   |
| C.3.600   | Shore/Form/Rebar/Pour Track Slab - Platform Cavern South  | 25 24-Feb-17                 | 30-Mar-17              |   | Shore/Form/Rebai/Pdur Track Slab - Platform Cav  |
| C.3.590   | Form/Rebar/Pour Platform Stem Walls - Platform Cavern South   | 15 03-Mar-17                 | 23-Mar-17              |   | Form/Rebar/Pour Platform Stath - Platform Carern - Carern - Carern - Carern - Carern - Platform Carern - Carern |
| C.3.790   | Form/Rebar/Pour Platform Slab - Platform Cavern South   | 15 17-Mar-17                 | 06-Apr-17              |   | Form/Rebar/Pour Stair poor & End Walls + Platf   |
| C.3.610<br>C.3.620  | Form/Rebar/Pour Stair, Room & End Walls - Platform Cavern South<br>Form/Rebar/Pour Stair & Room Enclosure Lid - Platform Cavern South | 10 28-Mar-17<br>10 06-Apr-17 | 10-Apr-17<br>19-Apr-17 |   | E ; Form/Rebar/Pour Stair & Room Enclosure Lid - P   |
| C.4.155   | Install Train Control Equipment - Main Electrical Room  | 10 20-Apr-17                 | 03-May-17              |   | 🔛 🔓 İhstall Train Control Equipment - Main Electrical  |
| C.3.820   | Install South Platform Mechanical   | 44 20-Apr-17                 | 21-Jun-17              |   | Install South Platform Mechanica   |
| C.3.730   | Install South Platform Electricat   | 63 20-Apr-17                 | 19-Jul-17              |   | Install South Palform Electrical   |
| C.3.840   | Install South Platform Architectural Finishes   | 63 20-Apr-17                 | 19-Jul-17              |   |  |
| Platform  | Cavern North  | 515 08-Jun-15                | 26-May-17              |   |  |
| C.2.284   | Place & Cure CDF in TBM Tunnels @ Platform Caverns  | 5 08-Jun-15                  | 12-Jun-15              | I Place & Cure CDF in TBM Turnels @ F   | Pattorm Caverns  |
| C.3.410   | Barrel Vaults for North Platform Cavem Excavation   | 10 11-May-16                 | 24-May-16              |   | Breakin/Compile Top Behch for North Platform Cavern Excavation   |
| C.3.420<br>C.3.485  | Breakin/Complete Top Bench for North Platform Cavern Excavation<br>Excavate & Support North Platform Cavern 110Lf                     | 40 25-May-16<br>30 22-Jul-16 | 21-Jul-16<br>01-Sep-16 |   | Excavel & Support North Platform Cavern 110  |
| C.3.890   | Construct North Headwall - Platform Cavern North  | 6 02-Sep-16                  | 12-Sep-16              |   | Construct North Headwall - Platform Cavern North   |
| C.3.630   | Final Lining Invert - Platform Cavern North   | 18 13-Sep-16                 | 03-Oct-16              |   | Final Final Iring Invert - Platform Cavern North   |
| C.3,650   | Final Lining Arches - Platform Cavern North   | 18 19-Sep-16                 | 08-Oct-16              |   | Fina Lining Arches - Platform Cavern North   |
| C.3.640   | F/R/P/S Walls Under Track Slab - Platform Cavern North  | 10 26-Sep-16                 | 07-Oct-16              |   | F/F/P/S Walls Uride? Tráck Slab - Platform S-v 4rn North     Store/Form/Rebar/Pour Tráck Sláb - Platform Cavern North  |
| C.3,670   | Shore/Form/Rebar/Pour Track Slab - Platform Cavern North  | 10 03-Ocl-16                 | 14-Oct-16              |   | Fjörn/Rebai/Pour Plafform Stern Walls - Platform Cavern North     Forn/Rebai/Pour Plafform Stern Walls - Platform Cavern North   |
| C.3.660<br>C.3.740  | Form/Rebar/Pour Platform Stem Walls - Platform Cavern North<br>Form/Rebar/Pour Platform Slab - Platform Cavern North                  | 15 10-Oct-16<br>15 17-Oct-16 | 28-Oct-16<br>04-Nov-16 |   | Bergurkebar/Pour Platform Slag - Platform Gavern North   |
| C.3.680   | Form/Rebar/Pour Stair, Room & End Walls - Platform Cavern North   | 15 24-Oct-16                 | 14-Nov-16              |   | Form/Rebar/Pour Stair; Room & End Wass Platform: Cavern Nort   |
| C.3.690   | Form/Rebar/Pour Stair & Room Enclosure Lid - Platform Cavern North  | 15 31-Ocl-16                 | 21-Nov-16              |   | r orm/RebariPour Stali & Room Enclosur، الله Lid - Platform Caverh الله الماري الماري الماري الماري الماري الم   |
| C.3.810   | Install North Platform Mechanical   | 60 22-Nov-16                 | 17-Feb-17              |   | Install North Platform Mechanical  |
| C.3.720   | Install North Platform Electrical   | 60 22-Nov-16                 | 17-Feb-17              |   | instal North Plalform Electrica  |
| C.3.830   | Install North Platform Architectural Finishes   | 90' 23-Jan-17                | 26-May-17<br>18-Apr-17 |   | Platform Level Ready for CN 1256   |
| C.IM-20<br>C.IM-40  | Platform Level Ready for CN 1256<br>Train Control Rooms Ready for CN 1256   | 0                            | 03-May-17              |   | ◆ Traih Control Rooms Peady for CN 1256  |
| and the second se | ver Cavern  | 233 25-May-16                | 15-Apr-17              |   |  |
| C.3.470   | Excavate & Support Crossover Cavern 260Lf   | 162 25-May-16                | 17-Jan-17              |   | Excavate & Support Crossover Cavern 260Lf  |
| 0.0.110   | 24-Apr-13 Plot Date   |                              |                        | SFMTA - Central Subway  |  |
|   |   |                              |                        | OF MITA - OGHLIAI ONDWAY  |  |
|   | 18-Apr-13 Data Date   |                              |                        | Contract 1300   | Tutor Parini Corneration   |
|   |   |                              |                        |   | Tutor-Perini Corporation   |
|   | 3 of 11   |                              |                        | Proposal Schedule   |  |
|   |   |                              |                        |   |  |

| ctivity ID         | Activity Scope   | Original Start<br>Duration     | Finish                 | 2013 2014 2015 2<br>J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M .   | 2016 2017 2018<br>2 J J A S O N D J F M A M J J A S O N D J F M A M   |
|--------------------|--|--------------------------------|------------------------|---|---|
| C.3.700            | Final Lining Invert - Crossover Cavern   | 30 06-Mar-17                   | 08-Apr-17              |   | Final Lining Invert - Grossover Cavern  |
| C.3.800            | Final Lining Arches - Crossover Cavern   | 30 13-Mar-17<br>248 04-Aug-15  | 15-Apr-17<br>14-Jul-16 |   |   |
|                    | Icy Egress   |                                |                        | I Install Excavation Support Nonth  | Emergency Edress Shaft  |
| C.3.480<br>C.3.490 | Install Excavation Support North Emergency Egress Shaft<br>Excavate North Emergency Egress Shaft                                     | 5 04-Aug-15<br>50, 11-Aug-15   | 10-Aug-15<br>20-Oct-15 | Excavate North Emerge   | ncy Egress Shaft  |
| C.3.500            | Excavate & Support North Emergency Egress Tunnel   | 15 21-Oct-15                   | 11-Nov-15              | Exclavate & Support   | North Emergency Egress Turnel   |
| C.3.510            | Breakout Diaphram - South Emergency Egress Tunnel Opening  | 5 12-Nov-15                    | 18-Nov-15              | I Breakout Diaphram   | South Emergency Egress Tunnel Opening   |
| C.3.550            | Final Lining North Emergency Egress Tunnel   | 20 12-Nov-15                   | 11-Dec-15              | Final Lining North E  | mergency Egress Tunnel<br>Supplont - South Emergency Egress Tunnel  |
| C.3.520<br>C.3.850 | Initial Excavation & Support - South Emergency Egress Tunnel<br>Concrete Stairs North Emergency Egress Tunnel                        | 10 19-Nov-15<br>10 14-Dec-15   | 04-Dec-15<br>28-Dec-15 | Condrete Stairs   | North Emergency Egress Tunnel   |
| C.3.860            | North Emergency Egress Tunnel M.E.P  | 20 29-Dec-15                   | 26-Jan-16              | North Ernerge   | ency Egress Tunnel M.E.P  |
| C.3.530            | Complete Excavation & Support - South Emergency Egress Tunnel  | 5, 11-May-16                   | 17-May-16              |   | complete Excavation & Support - South Emergency Egress Tunnel<br>Final Lining South Energency Egress Tunnel |
| C.3.870            | Final Lining South Emergency Egress Tunnel   | 20 18-May-16                   | 15-Jun-16              |   | Final Lining South Emergency:Egress Tunnel  |
| C.3.880            | South Emergency Egress Tunnel M.E.P  | 20 16-Jun-16<br>1210 28-Jot 13 | 14-Jul-16              |   | South Emergency Egress Tulliel M.E.P  |
|                    | quare UMS-1253   |                                |                        |   |   |
| All Locat          |  | 772 29-Jul-13                  | 12-Jul-16              |   |   |
| U1.010             | Mobilization   | 30 29-Jul-13                   | 09-Sep-13              | Mohilization<br>Traffic & Pedestrian Control Plan Submittal   |   |
| U1.070<br>U1.030   | Traffic & Pedestrian Control Plan Submittal<br>Obtain Permits  | 45 29-Jul-13<br>60 29-Jul-13   | 30-Sep-13<br>21-Oct-13 | Oblain Permits  |   |
| U1.020             | Non-Technical Submittals   | 60 29-Jul-13                   | 21-Oct-13              | Non Technical Submittals  |   |
| U1.220             | Conduct Preconstruction Survey   | 60 29-Jul-13                   | 21-Ocl-13              | Construction Şurvey<br>Gout chritcal System Şubmittals & Approvats  |   |
| U1.090             | Geotechnical System Submittals & Approvals   | 60 29-Jul-13                   | 21-Oct-13              | Geotechnical System Submittals & Approvate  |   |
| U1.330             | Conduct Archaeological Geoprobing  | 60 29-Jul-13                   | 21-Ocl-13              | Conduct Archaeological Geoprobing   |   |
| U1.170<br>U1.230   | Obtain Permit From BART for Work @ Powell Station<br>Submit Construction Monitoring Plan (Instrumentation)                           | 60 29-Jul-13<br>90 29-Jul-13   | 21-Ocl-13<br>05-Dec-13 | Submit Construction Mohiltoring Plan (Instrumentation)  |   |
| U1.120             | Elevator Conceptual Design Submittals SP-29  | 120 29-Jul-13                  | 20-Jan-14              | Elevator Conceptual Design Submittals SP-29   |   |
| U1.050             | Engineering Submittals   | 180 29-Jul-13                  | 14-Apr-14              | Engineering Submittals  |   |
| U1.040             | Implement Traffic & Pedestrian Control Plans   | 20 01-Oct-13                   | 28-Oct-13              | 📺 Imploment Traffic & Pedestnan Control Plans   |   |
| UIM-50             | (UMS) Stockton/Ellis Streets Available From CN 1252 Contractor (90 cd)   | 0 25-Oct-13                    | 07 11-11 10            | (UMS) Stockton/Ellis Streets Available From CN 1252 Contractor (90 bd):     Desimple Street More Street More Street Provide Temp Liphing & Treffic Liphis |   |
| U1.180<br>U1.080   | Preliminary Street Work, Sidwalk Reduction, Temp Lighting & Traffic Lights<br>Procure & Fabricate Temporary Excavalion Support Stee! | 21 29-Ocl-13<br>150 06-Dec-13  | 27-Nov-13              | Pretiminary:Street Work, Sidwalk Reduction, Temp Lighting & Traffic Lights Procure & Fabricate Temporary Excavation Support Seel                          |   |
| U1.160             | Procure & Fabricate Permanent Support Steel  | 180 06-Dec-13                  | 20-Aug-14              | Procure & Fabricate Permanent Support Steel   |   |
| U1.270             | Perform Jet Grout Field Test Program   | 60 02-Jan-14                   | 26-Mar-14              | Perform Jet Grout Field Test Program  |   |
| U1.110             | Geotechnical Readings - Baseline Agreement Period  | 60 13-Feb-14                   | 13-Apr-14              | Gebtechnical Readings Baseline Agreement Period   |   |
| U1.130             | Elevator 65% Final Design Submittlas SP-29 (SNE than NTP+450cd) Complete NTP+540   | 90 20-Oci-14                   | 17-Jan-15              | Elévator 65% Final Design Submittals SP-29 (SNE than<br>Elévator 95% Final Design Submittals SP-29  | NTP+450Cd) Complete NTP+540   |
| U1.140<br>UIM-30   | Elevator 95% Final Design Submittlals SP-29 - NTP+630<br>(LIMS) Tunnel Equipment Removed by CN 1252 Contractor (NTP+620 cd)          | 90 18-Jan-15<br>0 08-Apr-15    | 17-Apr-15              | <ul> <li>(UMS) Tunnel Equipment Removed by CN 125</li> </ul>  | 2 Contractor (NTIF+620 cd)  |
| U1.150             | (UMS) Tunnel Equipment Removed by CN 1252 Contractor (NTP+620 cd)<br>Elevator100% Final Design Submittals SP-29 - NTP+720            | 90 18-Apr-15                   | 16-Jul-15*             | Elevator100% Fihal Design Submitti  | als SP-29 - NTP-720   |
| U1.320             | Manufacture & Deliver Elevators & Escalators   | 250 17-Jul-15                  | 12-Jul-16              |   | Manufacture & Deliver Elevators & Escalators  |
| Stockton           | Street   | 1014 26-Nov-13                 | 13-Oct-17              |   |   |
| U2.270             | Restore Construction Area For Moratorium Event Setup   | 2 26-Nov-13*                   | 27-Nov-13              | Restore: Construction Area For Morato hum Event Setup   |   |
| U2.290             | Close Stocklon Street South of O'Farrel  | 2 02-Jan-14                    | 03-Jan-14              | Close Stockton Street South of O'Farrel   |   |
| U1.100<br>U1.340   | Install Geotechnical Instrumentation - Stockton St<br>Demo Sub-Basement Walls, Beams & Lagging - Stockton St                         | 30 02-Jan-14<br>62 02-Jan-14   | 12-Feb-14<br>28-Mar-14 | Demo Sub-Basement Walls, Beams & Lagging - Stockton St  |   |
| U2.240             | Close Stocklon Street  | 2 16-Jan-14                    | 17-Jan-14              | I Close Slockton Street   |   |
| U2.280             | Close Stockton Street  | 2 30-Jan-14                    | 31-Jan-14              | Close Stockton Street   |   |
| U4.385             | Install Caternary Foundation Piers   | 189 06-Nov-14                  | 08-Sep-15              | Install Daternary Foundation P  |   |
| U4.375             | Site Restoration / Paving  | 60 21-Jul-17                   | 13-Oct-17              |   | Sie Restoration / Pavi<br>Linstall Qate nary System Po  |
| U4.395             | Install Caternary System Poles & Wiring<br>uare Garage   | 20 04-Aug-17<br>1097 02-Jan-14 | 31-Aug-17<br>16-Mar-18 |   | norde valoriery System - C  |
| U1.060             | Install Geotechnical Instrumentation @ Union Square Garage   | 20 02-Jan-14                   | 29-Jan-14              | Install Geolechnical Instrumentation @Union Square Garage   |   |
| U2.010             | Install K-rall & Construction Barrier  | 5 15-Jan-15*                   | 29-Jan-14<br>21-Jan-15 | IL Install K-rail & Construction Barriet  |   |
| UDUR10             | Temporary Construction Duration - Union Square Garage - (No Moratorium Bridging)   | 219 15-Jan-15                  | 21-Aug-15              | Temporary Construction Duration   | n - Unlon Square Garage - (No Moratorium Bridging)  |
| U2.020             | Demolish Civil & M.E.P   | 10 22-Jan-15                   | 04-Feb-15              | Demolish Civil & M.E.P  |   |
| U2.040             | Install Bracing & Shoring for Walls & Slabs  | 10 05-Feb-15                   | 18-Feb-15              | Install Bracing & Shoring for Walls & Slabs   |   |
| U2.050<br>U2.060   | Install Temporary Venillation & Utilities<br>Demo Garage Roof Slab   | 5 19-Feb-15<br>5 26-Feb-15     | 25-Feb-15<br>04-Mar-15 | 1. Install Temporary Venjuation & Willes<br>D. Demo Garage Roof Slab  |   |
| U2.070             | Jet Grout Under South Wall Footings & Install Compensation Grout Tubing  | 20 05-Mar-15                   | 01-Apr-15              | Let Grout Linder South Wall Fortings & Install Cu   | dmpensalidn Grou Fubirlg  |
| U2.680             | Install Compensation Grout Tubes from Union Square Garage  | 20 02-Apr-15                   | 29-Apr-15              | Install Compensation Grout Tubes from Union   | n Square Garage   |
| U2.080             | Install Shear Wall & Footings Along Cols. B,C,10 &14   | 30 02-Apr-15                   | 13-May-15              | jinstall Shejar Wall & Foglings Along Cols; B,  | C,10 &14  |
| U2.220<br>U2.110   | Jet Grout 90 Day Cure Period<br>Construct New Ramps  | 90 02-Apr-15<br>60 14-May-15   | 30-Jun-15<br>07-Aug-15 | Construct New Ramps   |   |
| 1011               | 24-Apr-13 Plot Date  |                                |                        | SFMTA - Central Subway  | Boost HCCCC   |
|                    |  |                                |                        | -   |   |
|                    | 18-Apr-13 Data Date  |                                |                        | Contract 1300   | Tutor-Perini Corporation  |
|                    | 4 of 11  |                                |                        | Proposal Schedule   |   |

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| tivity ID                                | Activity Scope   | Original Start   | Finish   | 2013                                  | 2014                                    | 201                       |                    |   |
|--|--|--|--|---------------------------------------|---|---------------------------|--------------------|---|
|  |  | Duration   | Colorest and   | JJASOND                               | JFMAMJJASON                             | DJFMAMJ                   | JASOND             | and the second se |
| U2.090                                   | Install South Wall Footings & Micropiles   | 20 01-Jul-15   | 29-Jul-15  |                                       |   |                           | Install Sould W    | Hill Footings &   |
| 12.100                                   | Install South Wall Tiebacks & Test   | 20 16-Jul-15   | 12-Aug-15  |                                       |   |                           | install South      | Vall Tiebacks   |
| J2.120                                   | Install New Utilities  | 5 10-Aug-15  | 14-Aug-15  |                                       |   |                           | Install New 1      | tilitles  |
| U2.380                                   | Cul Over Garage Services & Restore Operations  | 5, 17-Aug-15   | 21-Aug-15  |                                       |   |                           | Cut Over G         | ade Services  |
| U2.130                                   | Structural Demolition - Level 1 Slab   | 7 17-Aug-15  | 25-Aug-15  |                                       |   |                           | D Sinctural D      | emolition - Lev   |
| USG-10                                   | Temporary Work Complete - Union Square Garage  | 0  | 21-Aug-15*   |                                       |   |                           | ◆ Temporary        |   |
| Contraction of the local division of the |  | 7 08 444 15  | the second se  |                                       |   |                           |                    | remolition - Le   |
| U2.140                                   | Structural Demolition - Level 2 Slab, Columns & Walls  | 7 26-Aug-15  | 03-Sep-15  |                                       |   |                           |                    |   |
| U2.150                                   | Structural Demolition - Level 3 Slab, Columns & Walls  | 7 04-Sep-15  | 15-Sep-15  |                                       |   | 8                         |                    | Demolitioh - I  |
| U2.160                                   | Structural Demoiltion - Level 4 Slab, Columns & Walls  | 7 16-Sep-15  | 24-Sep-15  |                                       |   |                           |                    | Demolilion -  |
| U2.170                                   | Structural Demolition - Footings, Wall Footings & Existing USG Soldier Pile Bulkhead   | 15 25-Sep-15   | 15-Oct-15  |                                       | §                                       |                           |                    | aral Demolition   |
| U2.180                                   | Install Steel Column Casings & Erect Structural Steel Columns  | 10 16-Ocl-15   | 29-Oct-15  |                                       | 8                                       |                           | , 📑 Insta          | I Steel Column  |
| U2.190                                   | Install & Preload Entrance Roof Frame & Bracing  | 20 30-Oct-15   | 05-Jan-16  |                                       |   |                           |                    | Install & Pre   |
| U2.200                                   | Install Sheet Piling at Garage Base Slab   | 10 06-Jan-16   | 19-Jan-16  |                                       |   |                           |                    | 🖬 Install She   |
| U2.210                                   | Construct East Header Beam & Framing   | 15 20-Jan-16   | 09-Feb-16  | · · · · · · · · · · · · · · · · · · · |   | 8                         |                    | 🔲 Constru   |
| U2.230                                   | Break Through East Garage Wall At Concourse Level  | 5 10-Feb-16  | 16-Feb-16  |                                       |   |                           |                    | Break   |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1    | and the second se  | the second se  | and a second sec |                                       |   |                           |                    |   |
| U2.250                                   | Jet Grout Below Col 16 Footings & Install Preload Bracing  | 10 17-Feb-16   | 01-Mar-16  | -                                     | 1                                       |                           |                    | Jet G   |
| U2.650                                   | Jet Grout Cure Period - 90 Days  | 90 02-Mar-16   | 30-May-16  |                                       |   |                           |                    |   |
| U2.260                                   | Excavate to Intermediate Level In Garage   | 5 31-May-16  | 06-Jun-16  |                                       |   | 8                         |                    |   |
| U2.310                                   | Form /Rebar/ Pour Garage Intermediate Level Pits   | 15 07-Jun-16   | 27-Jun-16  |                                       |   |                           |                    | 1111  |
| U2.320                                   | Form /Rebar/ Pour Garage Roof Level Slab   | 8 28-Jun-16  | 08-Jul-16  |                                       | 1                                       |                           |                    |   |
| U2.580                                   | Form /Rebar/ Pour Garage Intermediate Level Slab on Grade  | 15 28-Jun-16   | 19-Jul-16  |                                       |   |                           |                    | 1111  |
| U2.330                                   | Form /Rebar/ Pour Garage Ventilation Shaft   | 20 20-Jul-16   | 16-Aug-16  |                                       | 1                                       |                           |                    | 1111  |
| U4.175                                   | Install Plumbing & Sprinklers  | 60 17-Aug-16   | 09-Nov-16  |                                       | {                                       |                           |                    |   |
| U4.235                                   | Install Electrical   | 90 31-Aug-16   | 11-Jan-17  |                                       |   |                           | ×                  |   |
|  | the second se  | and the second s | A COMPANY AND ADDRESS.   | - 8                                   |   |                           |                    |   |
| U4.195                                   | Set Escalator Trusses  | 10 05-Oct-16   | 18-Oct-16  |                                       |   |                           |                    |   |
| U4.325                                   | Architectural Finishes Concourse Level   | 90 19-Oct-16   | 28-Feb-17  |                                       |   |                           |                    |   |
| U4.245                                   | Install Elevators  | 90 19-Oct-16   | 28-Feb-17  |                                       |   |                           |                    |   |
| U4.205                                   | Install Escalators   | 90 02-Nov-16   | 14-Mar-17  |                                       |   |                           |                    |   |
| U4.335                                   | Architectural Finishes Intermediate Level  | 45 12-Dec-16   | 14-Feb-17  |                                       |   |                           |                    |   |
| U4.165                                   | Install HVAC   | 60 18-Jan-17   | 11-Apr-17  |                                       |   |                           |                    |   |
| U4.345                                   | Architectural Finishes Lower Mezzanine Level   | 90 25-Jan-17   | 31-May-17  |                                       |   |                           |                    |   |
| U4.215                                   | Architectural Finishes Platform Level  | 30 15-Mar-17   | 25-Apr-17  |                                       |   |                           |                    |   |
| the second second                        | A set of the set of th | the second secon | the second second second   |                                       |   |                           |                    |   |
| U4.355                                   | Architectural Finishes Upper Mezzanine Level   | 90 22-Mar-17   | 27-Jul-17  | · · · · · · · · · · · · · · · · · · · |   | ×                         |                    | •   |
| U4.155                                   | Install Train Control Equipment - Main Electrical Room   | 30 29-Mar-17   | 09-May-17  |                                       |   |                           |                    |   |
| U4.055                                   | Install Traction Power Equipment   | 40 26-Apr-17   | 21-Jun-17  |                                       |   |                           |                    |   |
| U4.365                                   | Architectural Finishes Surface Level   | 110 15-Jun-17  | 20-Nov-17  |                                       |   |                           |                    |   |
| <b>UIM-10</b>                            | Communications Rooms Ready for CN 1256   | 0  | 06-Jul-17  |                                       |   | 8                         |                    |   |
| U4.315                                   | Station Start-up, Testing, Commissioning   | 66 21-Nov-17   | 23-Feb-18  |                                       |   |                           |                    |   |
| U3.1350                                  | Construction Punchlist Work  | 66 14-Dec-17   | 16-Mar-18  |                                       |   |                           |                    |   |
|  | Platform Area  | 967 16-Jan-14  | 29-Sep-17  |                                       |   |                           |                    |   |
|  |  |  |  |                                       | I Chap Shering Bridge                   |                           |                    |   |
| U2.340                                   | Close Slockton Street  | 2 16-Jan-14  | 17-Jan-14  |                                       | Close Stockton Street                   | Starley 1                 |                    |   |
| U2.360                                   | Construct Initial Guidewall West Side Stockton   | 10 16-Jan-14   | 29-Jan-14  |                                       | Oonstruct Initial Guidewall West S      | te Stockton               |                    |   |
| U3.402                                   | Complete Guldewalls West Side Stockton   | 15 20-Jan-14   | 07-Feb-14  |                                       | Complete Guidewalls West Side           | Slockton                  |                    |   |
| U2.390                                   | Install Battered Piles in Stockton St West Side - 82 Piles 2 Rigs  | 64 13-Feb-14   | 13-May-14  |                                       | Install Battered Piles (                | Stockton St West Side     | - 82 Piles 2 Rigs  |   |
| J2.392                                   | Install Battered Piles@ Stockton/O'Farrell St West Side - 18 Piles 2 Rigs (9 w/e)  | 45 20-Feb-14   | 23-Apr-14  |                                       | Instal Battered Piles@                  | ockton/O'Farrell St We    | st Side - 18 Ples  | Rigs (9 w/e)  |
| J2.394                                   | Install Battered Piles@ Stockton/O'Farrell St East Side - 18 Piles 2 Rigs (9 w/e)  | 45 20-Feb-14   | 23-Apr-14  |                                       | Instal Battered Piles@                  | tockton/O'Farrell St Fas  | Side - 18 Piles    | Rigs (9 w/e)  |
| J2.630                                   | 28 Day Cure for Baltered Piles - StocktonSt West   | 82 22-Mar-14   | 11-Jun-14  |                                       |   | Itered Piles - StocktonSi |                    |   |
| J2.590                                   | Weld Pile Gusset Plates & Drill For Roof Beam Bolts West Side  | 40 24-Apr-14   | 19-Jun-14  |                                       |   | Plates & Drill For Roof B |                    | de  |
|  | and the second   |  | ** **  |                                       |   | les@ Stockton/O'Fartell   |                    |   |
| U2.502                                   | Install Battered Piles@ Stockton/O'Farrell St West Side - 18 Piles 2 Rigs (9 w/e)  | 45 24-Apr-14   | 26-Jun-14  |                                       |   |                           |                    | Piles:2 Rigs (9   |
| J2.504                                   | Install Battered Piles@ Stockton/O'Farrell St East Side - 18 Piles 2 Rigs (9 w/e)  | 45 24-Apr-14   | 26-Jun-14  |                                       |   | les@ Stockton/O'Farrell   | St Hast Side       | Piles 2 Rlgs (9   |
| U2.490                                   | Construct Guidewall East Side Stockton   | 10 30-Apr-14   | 13-May-14  |                                       | Construct Guidewall E                   |                           |                    |   |
| J2.500                                   | Install Battered Piles In Stockton St East Side - 82ea - 2 Rigs  | 54 14-May-14   | 30-Jul-14  |                                       | Install Battere                         | Pilės in Slockton St Ea   | st Side - 82ea - A | Rigs  |
| U2.660                                   | 28 Day Concrete Cure Battered Piles - Stockton East  | 82 10-Jun-14   | 30-Aug-14  |                                       | 28 Day St                               | crete Cure Battered Pl    | es - Stockion Cast |   |
| U2.410                                   | Jet Grout Stockton St West Side for Water Seal - 2 Rigs  | 50 23-Jun-14   | 02-Sep-14  |                                       |   | Stockton St West Side for |                    | igs !!!   |
| J2.610                                   | Weld Pile Gusset Plates & Drill For Roof Beam Bolts East Side  | 50 26-Jun-14   | 05-Sep-14  |                                       |   | Gussel Plates & Drill Fo  |                    |   |
|  | the state of any second s   |  |  |                                       |   | klon & O'Farrell for Wal  |                    |   |
| J2.415                                   | Jet Grout Stockton & O'Farrell for Water Seal - 2 Rigs (5 Weekends)  | 25 27-Jun-14   | 01-Aug-14  |                                       |   |                           |                    |   |
| J2.505                                   | Install Temporary Street Deck - Sta 134+00 to 133+50 (O'Farrell Intersection) (2 W/E)  | 10 04-Aug-14   | 15-Aug-14  |                                       |   | grary Street Deck - Sta   | 13410010 133900    | (O Farrell Inters   |
| U2.520                                   | Jet Grout Stockton St East Side for Water Seal - 2 Rigs  | 50 03-Sep-14   | 12-Nov-14  |                                       |   | Grout Stockton St Eas     |                    | al;- 2;Rigs   |
| U2.670                                   | Jet Grout Cure Period 90 days  | 140 04-Sep-14  | 21-Jan-15  |                                       |   | Jel Groul Cure Per        |                    |   |
| J3.720                                   | Begin Dewatering to 10 Ft Below Bottom of Excavation   | 0 13-Nov-14  | 1  |                                       |   | gin Dewatering to 10 Ft   |                    |   |
| U2.540                                   | Excavate & Install Station Box Roof Beams - So. Headwall to 134+50   | 5 13-Nov-14  | 19-Nov-14  |                                       | 0.5                                     | cavate & Install Station  | Box Roof Beams -   | So. Headwall I  |
| U3.730                                   | Dewatering Maintainance  | 579 13-Nov-14  | 28-Feb-17  |                                       |   |                           |                    |   |
| U2.830                                   | Excavate & Install Station Box Roof Beams - Sta 133+50 to 133+00   | 5 20-Nov-14  | 26-Nov-14  |                                       |   | kcavate & Install Station | Box Boof Band      | - Sta 133+50 1  |
|  | and an an and an an an and an an an and an an an an an and an   |  |  |                                       | *************************************** | Deck / Form /:Rebar       |                    |   |
| J2.550                                   | Deck / Form / Rebar / Pour Station Box Roof - So. Headwall to 134+50   | 7 20-Nov-14  | 05-Jan-15  |                                       |   | Form / Rebar / Pour       | Pile Cra President | Hook Hook   |
| J2.620                                   | Form / Rebar / Pour Pile Cap Beam So. Headwall to 134+50   | 7 20-Nov-14  | 05-Jan-15  |                                       |   | Form / Repar / Pour       | Phe Cap Beam Sp.   | . Headwall to 1:  |
|  | 24-Apr-13 Plot Date  |  |  | SFMTA -                               | Central Subway                          |                           |                    |   |
|  | · .  |  |  |                                       |   |                           |                    |   |
|  | 19 April 12 Data Data  |  |  | -                                     |   |                           |                    |   |
|  | 18-Apr-13 Data Date  |  |  | Con                                   | tract 1300                              |                           |                    |   |
|  |  |  |  |                                       |   |                           |                    |   |
|  | 5 of 11  |  |  | -                                     |   |                           |                    |   |
|  | 5 01 11  |  |  | Propos                                | sal Schedule                            |                           |                    |   |
|  |  |  |  | -                                     |   |                           |                    |   |



| ar / Pour Station Box Roof - Sta 133+50 to 133+00<br>ir Pile Cap Beam Sta 133+50 to 133+00<br>les & Restore Street So. Headwall to 134+50<br>Access Shaft for Station Box Excavation<br>les & Restore Street Sta 133+50 to 133+00<br>Station Box Roof Beams - Sta 134+50 to 134+00<br>Station Box Roof Beams - Sta 134+50 to 134+00<br>Station Box Roof Beams - Sta 134+50 to 134+00<br>r Pile Cap Beam Sta 134+50 to 134+00<br>ar / Pour Station Box Roof - Sta 133+00 to 132+50<br>r Pile Cap Beam Sta 134+50 to 134+00<br>les & Restore Street Sta 133+00 to 132+50<br>les & Restore Street Sta 133+00 to 132+50<br>Station Box Roof Beams - Sta 133+00 to 132+50<br>Station Box Roof Beams - Sta 133+00 to 132+50<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>r / Pour Station Box Roof - Sta 134+00 to 133+50 (O'Farrell)<br>r / Pour Station Box Roof - Sta 132+50 to 132+00<br>ar / Pour Station Box Roof - Sta 132+50 to 132+00<br>r / Pour Station Box Roof - Sta 132+50 to 132+00<br>r / Pour Station Box Roof - Sta 132+50 to 132+00<br>r / Pour Station Box Roof - Sta 132+50 to 132+00<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>ir / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82<br>r Pile Ca | 7<br>5<br>2<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7  | 02-Jan-15<br>02-Jan-15<br>03-Jan-15<br>13-Jan-15<br>13-Jan-15<br>13-Jan-15<br>20-Jan-15<br>20-Jan-15<br>20-Jan-15<br>27-Jan-15<br>27-Jan-15<br>27-Jan-15<br>27-Jan-15<br>29-Jan-15<br>05-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>10-Mar-15<br>25-Mar-15<br>10-Apr-15  | 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Headwall to 134+50<br>Access Shaft for Station Box Excavation<br>les & Restore Street Sta 133+50 to 133+00<br>Station Box Roof Beams - Sta 134+50 to 134+00<br>Station Box Roof Beams - Sta 134+50 to 134+00<br>r Pile Cap Beam Sta 134+50 to 134+00<br>r Pile Cap Beam Sta 134+50 to 134+00<br>les & Restore Street Sta 133+00 to 132+50<br>r Pile Cap Beam Sta 133+00 to 132+50<br>les & Restore Street Sta 134+50 to 134+00<br>les & Restore Street Sta 133+00 to 132+50<br>Station Box Roof Beams - Sta 133+00 to 132+50<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof Beams - Sta 132+50 to 132+00<br>ar / Pour Station Box Roof - Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof Beams - Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>les & Restore Street Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>les & Restore Street Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>les & Restore Street Sta 132+50 to 132+00<br>station Box Roof Beams - 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| Ies & Restore Street So. Headwall to 134+50<br>Access Shaft for Station Box Excavation<br>ies & Restore Street Sta 133+50 to 133+00<br>Station Box Roof Beams - Sta 134+50 to 134+00<br>Station Box Roof Beams - Sta 134+50 to 134+00<br>r Pile Cap Beam Sta 134+50 to 134+00<br>r Pile Cap Beam Sta 134+50 to 134+00<br>ies & Restore Street Sta 133+00 to 132+50<br>ies & Restore Street Sta 133+00 to 132+50<br>Station Box Roof - Sta 133+00 to 132+50<br>ies & Restore Street Sta 134+50 to 134+00<br>ies & Restore Street Sta 134+50 to 132+50<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof Beams - Sta 132+50 to 132+00<br>ar / Pour Station Box Roof - Sta 132+50 to 132+00<br>r / Pour Station Box Roof - Sta 132+50 to 132+00<br>r / Pile Cap Beam Sta 132+50 to 132+00<br>ies & Restore Street Sta 132+50 to 132+00<br>ies & Restore Street Sta 132+50 to 132+00<br>ies & Restore Street Sta 132+50 to 132+00<br>if Pile Cap Beam Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+50 to 132+00<br>r / Pour Station Box Roof - Sta 132+50 to 132+00<br>ies & Restore Street Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+00 to 131+50<br>is & Restore Street Sta 132+00 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82  | 5<br>2<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7   | 06-Jan-15<br>13-Jan-15<br>13-Jan-15<br>13-Jan-15<br>20-Jan-15<br>20-Jan-15<br>20-Jan-15<br>20-Jan-15<br>20-Jan-15<br>27-Jan-15<br>27-Jan-15<br>27-Jan-15<br>29-Jan-15<br>29-Jan-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>19-Feb-15<br>19-Feb-15<br>23-Feb-15<br>02-Mar-15<br>09-Mar-15<br>16-Mar-15<br>16-Mar-15<br>16-Mar-15<br>16-Mar-15   | 12-Jan-15<br>14-Jan-15<br>19-Jan-15<br>26-Jan-15<br>28-Jan-15<br>28-Jan-15<br>28-Jan-15<br>28-Jan-15<br>04-Feb-15<br>04-Feb-15<br>04-Feb-15<br>04-Feb-15<br>11-Feb-15<br>18-Feb-15<br>20-Feb-15<br>20-Feb-15<br>27-Feb-15<br>27-Feb-15<br>06-Mar-15<br>13-Mar-15<br>24-Mar-15  |  |   |   | Backfill, Install Utilities & Ra<br>Open Construction Access<br>Backfill, Install Utilities & R<br>Excavate & Install Station<br>Excavate & Install Station<br>Deck / Form / Rebar / Poi<br>Deck / Form / Rebar / Pi<br>Deck / Form / Rebar / Pi<br>Backfill, Install Utilities &<br>Backfill, Install Utilities &<br>Excavate & Install Station<br>Excavate & Install Station<br>Deck / Form / Rebar / Fi<br>Excavate & Install Station<br>Deck / Form / Rebar / Fi<br>Excavate & Install Station<br>Deck / Form / Rebar / Fi<br>Form / Rebar / Pour Pill<br>B Deck / Form / Rebar / Fi<br>Form / Rebar / Pour Pill<br>Backfill, Install Utilities<br>Backfill, Install Utilities<br>Backfill Install Utilities<br>Backfill Install Utilities<br>Backfill Install Utilit   | estore Sirlet So. Head<br>Shaft C. Stallon Box I<br>lestore Sirlet Stallon Box<br>Roof Beams - Sta<br>Roor Box Roof - Stallon Box<br>In Stallon Box Roof - St<br>Cap Beam Stà 134+50<br>pur Stallon Box Roof -<br>Cap Beam Stà 134+50<br>pur Stallon Box Roof<br>Restore Street Stall<br>Son Box Roof Beams - St<br>on Box Roof Beam Stall - St<br>Pour Stallon Box Roof<br>le Cap Beam Stall - St<br>& Restore Street Stall<br>& Restore Street Stall - St<br>& Restore Street Stall - St  |
| Access Shaft for Station Box Excavation<br>ies & Restore Street Sta 133+50 to 133+00<br>Station Box Roof Beams - Sta 134+50 to 134+00<br>Station Box Roof Beams - Sta 134+50 to 134+00<br>r Pile Cap Beam Sta 134+50 to 134+00 to 132+50<br>r Pile Cap Beam Sta 134+00 to 132+50<br>ies & Restore Street Sta 133+00 to 132+50<br>ies & Restore Street Sta 134+00 to 132+50<br>Station Box Roof - Sta 134+00 to 132+50<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof Beams - Sta 132+50 to 132+00<br>ar / Pour Station Box Roof - Sta 132+50 to 132+00<br>ar / Pour Station Box Roof - Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+00 to 133+50<br>(O'Farrell)<br>r Pile Cap Beam Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>is & Restore Street Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+00 to 131+50<br>Station Box Roof Beams - Sta 132+00 to 131+50<br>is & Restore Street Sta 132+00 to 131+50<br>Station Box Roof Beams - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82   | 2<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7   | 13-Jan-15<br>13-Jan-15<br>13-Jan-15<br>20-Jan-15<br>20-Jan-15<br>20-Jan-15<br>27-Jan-15<br>27-Jan-15<br>27-Jan-15<br>29-Jan-15<br>29-Jan-15<br>29-Jan-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb | 14-Jan-15<br>19-Jan-15<br>26-Jan-15<br>28-Jan-15<br>28-Jan-15<br>28-Jan-15<br>28-Jan-15<br>28-Jan-15<br>28-Jan-15<br>04-Feb-15<br>04-Feb-15<br>04-Feb-15<br>11-Feb-15<br>20-Feb-15<br>20-Feb-15<br>20-Feb-15<br>27-Feb-15<br>27-Feb-15<br>06-Mar-15<br>13-Mar-15<br>24-Mar-15<br>31-Mar-15   |  |   |   | <ul> <li>Open Construction Access</li> <li>Backfill, Install Utilities &amp; 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| les & Restore Street Sta 133+50 to 133+00<br>Station Box Roof Beams - Sta 134+50 to 134+00<br>Station Box Roof Beams - Sta 133+00 to 132+50<br>ar / Pour Station Box Roof - Sta 134+50 to 134+00<br>r Pile Cap Beam Sta 134+50 to 134+00 to 132+50<br>r Pile Cap Beam Sta 133+00 to 132+50<br>les & Restore Street Sta 133+00 to 132+50<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof Beams - Sta 132+50 to 132+00<br>ar / Pour Station Box Roof - Sta 132+50 to 132+00<br>ar / Pour Station Box Roof - Sta 132+50 to 132+00<br>ar / Pour Station Box Roof - Sta 132+50 to 132+00<br>ar / Pour Station Box Roof - Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>les & Restore Street Sta 132+50 to 132+00<br>les & Restore Street Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+50 to 132+00<br>station Box Roof - Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+00 to 131+50<br>Is / Pour Station Box Roof - Sta 132+00 to 131+50<br>les & Restore Street Sta 132+00 to 131+50<br>Station Box Roof Beams - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r / Pile Cap Beam Sta 131+50 to 130+82<br>r / Pile Cap Beam Sta 131+50 to 130+82  | 5<br>5<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5   | 13-Jan-15<br>13-Jan-15<br>20-Jan-15<br>20-Jan-15<br>20-Jan-15<br>27-Jan-15<br>27-Jan-15<br>29-Jan-15<br>29-Jan-15<br>29-Jan-15<br>05-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Fab-15<br>02-Mar-15<br>16-Mar-15<br>16-Mar-15<br>16-Mar-15<br>10-Apr-15  | 19-Jan-15<br>19-Jan-15<br>26-Jan-15<br>28-Jan-15<br>28-Jan-15<br>28-Jan-15<br>28-Jan-15<br>04-Feb-15<br>04-Feb-15<br>04-Feb-15<br>11-Feb-15<br>11-Feb-15<br>20-Feb-15<br>20-Feb-15<br>20-Feb-15<br>27-Feb-15<br>27-Feb-15<br>06-Mar-15<br>13-Mar-15<br>24-Mar-15<br>31-Mar-15  |  |   |   | Backfill, Install Utilities & R     Excavate & Install Station     Excavate & Install Station     Excavate & Install Station     Excavate & Install Station     Deck / Form / Rebar / Pour File     Deck / Form / Rebar / Pour File     Deck / Form / Rebar / Pour File     Backfill, Install Utilities &     Backfill, Install Utilities &     Excavate & Install Station     Excavate & Install Station     Excavate & Install Utilities &     Deck / Form / Rebar / Pour File     Backfill, Install Utilities     Backfill, Install Utilities     Backfill, Install Utilities  | estore Street Sta 133<br>Box Roof Beams - Sta<br>Box Roof Beams - Sta<br>Box Roof Box Roof -<br>Cap Beam Sta 134+50<br>pur Stallor Box Roof -<br>Cap Beam Sta 133+0<br>Restore Street Sta 13<br>Restore Street Sta 13<br>Restore Street Sta 13<br>Restore Street Sta 13<br>Restore Street Sta<br>Dour Stallon Box Roof<br>le Cap Beam Sta 134+<br>Pour Stallon Box Roof<br>ile Cap Beam Sta 134-<br>Pour Stallon Box Roof<br>ile Cap Beam Sta 134-<br>Pour Stallon Box Roof<br>ile Cap Beam Sta 134-<br>Root Stallon Box Roof<br>ile Cap Beam Sta 134-<br>Stallon Box Roof<br>ile Cap Street Sta<br>& Restore Street Sta   |
| Station Box Roof Beams - Sta 134+50 to 134+00         Station Box Roof Beams - Sta 133+00 to 132+50         ar / Pour Station Box Roof - Sta 134+50 to 134+00         r Pile Cap Beam Sta 134+50 to 134+00         ar / Pour Station Box Roof - Sta 133+00 to 132+50         ar / Pour Station Box Roof - Sta 133+00 to 132+50         r Pile Cap Beam Sta 133+00 to 132+50         ies & Restore Street Sta 134+50 to 134+00         ies & Restore Street Sta 134+50 to 133+50         Station Box Roof Beams - Sta 132+50 to 132+00         ar / Pour Station Box Roof - Sta 134+00 to 133+50 (O'Farrell)         Station Box Roof Beams - Sta 132+50 to 132+00         ar / Pour Station Box Roof - Sta 132+50 to 132+00         ar / Pour Station Box Roof - Sta 132+50 to 132+00         r Pile Cap Beam Sta 132+50 to 132+00         r Pour Station Box Roof - Sta 132+50 to 132+00         r Pour Station Box Roof - Sta 132+50 to 132+00         r Pour Station Box Roof - Sta 132+50 to 132+00         station Box Roof Beams - Sta 132+50 to 132+00         Station Box Roof Beams - Sta 132+50 to 132+00         station Box Roof Beams - Sta 132+50 to 132+00         station Box Roof - Sta 132+00 to 131+50         r / Pour Station Box Roof - Sta 132+00 to 131+50         r Pile Cap Beam Sta 132+00 to 131+50         station Box Roof Beams - Sta 131+50 to 130+82         r / Pour Station Box Ro  | 5<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7   | 13-Jan-15<br>20-Jan-15<br>20-Jan-15<br>20-Jan-15<br>27-Jan-15<br>27-Jan-15<br>29-Jan-15<br>29-Jan-15<br>05-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>23-Feb-15<br>02-Mar-15<br>16-Mar-15<br>16-Mar-15<br>16-Mar-15<br>10-Apr-15  | 19-Jan-15<br>26-Jan-15<br>28-Jan-15<br>28-Jan-15<br>04-Feb-15<br>04-Feb-15<br>04-Feb-15<br>11-Feb-15<br>11-Feb-15<br>20-Feb-15<br>20-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb |  |   |   | Excavate & Install Station     Excavate & Install Station     Excavate & Install Station     Excavate & Install Station     Deck / Form / Rebar / Pour File     Backfill, Install Utilities     Backfill, Install Utilities     Backfill, Install Utilities   | Box Roof Beams - Sta<br>Box Roof Beams - Sta<br>Dox Roof Box Roof -<br>Cap Beam Sta 134+50<br>pur Stallor Box Roof -<br>Cap Beam Sta 133+0<br>Restore Street Sta 13<br>Restore Street Sta 13<br>Restore Street Sta 13<br>Restore Street Sta<br>Dow Roof Beams -<br>Pour Station Box Roof<br>le Cap Beam Sta 134+<br>Pour Station Box Roof<br>le Cap Beam Sta 134+<br>Pour Station Box Roof<br>le Cap Beam Sta 134-<br>Pour Station Box Roof<br>sta 134-<br>station Sta 134-  |
| Station Box Roof Beams - Sta 133+00 to 132+50<br>ar / Pour Station Box Roof - Sta 134+50 to 134+00<br>r Pile Cap Beam Sta 134+50 to 134+00<br>ar / Pour Station Box Roof - Sta 133+00 to 132+50<br>r Pile Cap Beam Sta 133+00 to 132+50<br>les & Restore Street Sta 134+50 to 134+00<br>les & Restore Street Sta 133+00 to 132+50<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof - Sta 134+00 to 133+50 (O'Farrell)<br>r Pile Cap Beam Sta 134+00 to 133+50 (O'Farrell)<br>r Pile Cap Beam Sta 134+00 to 133+50<br>r / Pour Station Box Roof - Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>les & Restore Street Sta 132+50 to 132+00<br>les & Restore Street Sta 132+50 to 132+00<br>station Box Roof Beams - Sta 132+50 to 132+00<br>station Box Roof Beams - Sta 132+50 to 132+00<br>station Box Roof Sta 132+50 to 133+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>station Box Roof Beams - Sta 132+00 to 131+50<br>les & Restore Street Sta 132+00 to 131+50<br>les & Restore Street Sta 132+00 to 131+50<br>station Box Roof Sta 132+00 to 131+50<br>station Box Roof Sta 132+00 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82   | 5<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5   | 20-Jan-15<br>20-Jan-15<br>20-Jan-15<br>27-Jan-15<br>27-Jan-15<br>29-Jan-15<br>29-Jan-15<br>05-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>23-Feb-15<br>19-Feb-15<br>19-Feb-15<br>18-Fab-15<br>18-Mar-15<br>18-Mar-15<br>25-Mar-15<br>01-Apr-15  | 26-Jan-15<br>28-Jan-15<br>28-Jan-15<br>04-Feb-15<br>04-Feb-15<br>04-Feb-15<br>11-Feb-15<br>11-Feb-15<br>20-Feb-15<br>20-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>24-Mar-15<br>24-Mar-15<br>24-Mar-15  |  |   |   | Excavate & Install Station     Deck / Form / Rebar / Pou     Form / Rebar / Pour File     Deck / Form / Rebar / Pour File     Deck / Form / Rebar / Pour File     Dackfill, Install Utilities &     Dackfill, Install Utilities &     Deck / Form / Rebar / Pour File     Backfill, Install Utilities     Backfill, Install Utilities   | Box Foot Beams - St<br>Ur Station Box Root - St<br>Cap Beam Stà 134+50<br>pur Station Box Root -<br>Cap Beam Stà 134-50<br>Restore Street Sta 13<br>Restore Street Sta 13<br>Restore Street Sta 13<br>Restore Street Sta<br>On Box Root Beams -<br>Pour Station Box Root<br>le Cap Beam Sta 134-<br>Pour Station Box Root<br>le Cap Beam Sta 134-<br>Pour Station Box Root<br>station Box Root |
| ar / Pour Station Box Roof - Sta 134+50 to 134+00<br>r Pile Cap Beam Sta 134+50 to 134+00<br>ar / Pour Station Box Roof - Sta 133+00 to 132+50<br>r Pile Cap Beam Sta 133+00 to 132+50<br>les & Restore Street Sta 133+00 to 132+50<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>r / Pour Station Box Roof - Sta 134+00 to 133+50 (O'Farrell)<br>r Pile Cap Beam Sta 134+00 to 133+50<br>r / Pour Station Box Roof - Sta 132+50 to 132+00<br>r / Pour Station Box Roof - Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>les & Restore Street Sta 134+00 to 133+50 O'Farrell)<br>les & Restore Street Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82   | 7<br>7<br>7<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7   | 20-Jan-15<br>20-Jan-15<br>27-Jan-15<br>27-Jan-15<br>29-Jan-15<br>05-Feb-15<br>05-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>19-Feb-15<br>19-Feb-15<br>23-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>18-Mar-15<br>18-Mar-15<br>18-Mar-15<br>25-Mar-15<br>01-Apr-15  | 28-Jan-15<br>28-Jan-15<br>04-Feb-15<br>04-Feb-15<br>04-Feb-15<br>11-Feb-15<br>11-Feb-15<br>20-Feb-15<br>20-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>13-Mar-15<br>24-Mar-15<br>24-Mar-15   |  |   |   | Deck / Form / Rebar / Pol     Form / Rebar / Pour File     Deck / Form / Rebar / Pour File     Backfill, Install Utilities     Backfill, Install Utilities     Backfill, Install Utilities  | ur Stallon Box Roof - S<br>Cap Brain Stà 134+50<br>pur Stallon Box Roof -<br>Cap Brain Stà 133+0<br>Restore Street Sta 13<br>Restore Street Sta 13<br>Restore Street Sta 13<br>n Box Roof Beams -<br>Son Box Roof Beams -<br>Pour Station Box Roof<br>le Cap Beam Sta 134+<br>Pour Station Box Roof<br>ile Cap Beam Sta 134-<br>Pour Station Box Roof<br>ile Cap Beam Sta 134-<br>Pour Station Box Roof<br>ile Cap Beam Sta 134-<br>8 Restore Street Sta<br>s & Restore Street Sta   |
| r Pile Cap Beam Sta 134+50 to 134+00<br>ar / Pour Station Box Roof - Sta 133+00 to 132+50<br>r Pile Cap Beam Sta 133+00 to 132+50<br>les & Restore Street Sta 134+50 to 134+00<br>les & Restore Street Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>r Pile Cap Beam Sta 134+00 to 133+50 to 132+00<br>r Pour Station Box Roof - Sta 134+00 to 133+50 (O'Farrell)<br>r Pile Cap Beam Sta 134+00 to 133+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>les & Restore Street Sta 134+00 to 133+50 O'Farrell)<br>les & Restore Street Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+50 to 132+00<br>les & Restore Street Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>station Box Roof - Sta 132+00 to 131+50<br>r Pile Cap Beam Sta 132+00 to 131+50<br>r Pile Cap Beam Sta 132+00 to 131+50<br>les & Restore Street Sta 132+00 to 131+50<br>r Pile Cap Beam Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82   | 7<br>7<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7   | 20-Jan-15<br>27-Jan-15<br>27-Jan-15<br>29-Jan-15<br>05-Feb-15<br>05-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>23-Feb-15<br>19-Feb-15<br>19-Feb-15<br>12-Feb-15<br>19-Feb-15<br>19-Feb-15<br>18-Mar-15<br>18-Mar-15<br>18-Mar-15<br>10-Apr-15   | 28-Jan-15<br>04-Feb-15<br>04-Feb-15<br>04-Feb-15<br>11-Feb-15<br>11-Feb-15<br>18-Feb-15<br>20-Feb-15<br>20-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>06-Mar-15<br>13-Mar-15<br>24-Mar-15<br>31-Mar-15   |  |   |   | <ul> <li>Form / Rebar / Pour File</li> <li>Deck / Form / Rebar / Pour File</li> <li>Deck / Form / Rebar / Pour File</li> <li>Backfill, Install Utilities &amp;</li> <li>Backfill, Install Utilities &amp;</li> <li>Excavate &amp; Install Stall</li> <li>Excavate &amp; Install Stall</li> <li>Deck / Form / Rebar / Pour File</li> <li>Form / Rebar / Pour File</li> <li>Form / Rebar / Pour File</li> <li>Backfill, Install Utilities</li> <li>Backfill, Install Utilities</li> <li>Backfill, Install Utilities</li> </ul>  | Cap Bran Sta 134+50<br>pur Station Box Roof-<br>Cap Bran Sta 133+0<br>Restore Street Sta 13<br>Restore Street Sta 13<br>Restore Street Sta 13<br>In Box Roof Beams -<br>Pour Station Box Roof<br>le Cap Beam Sta 134+<br>Pour Station Box Roof<br>ile Cap Beam Sta 134-<br>Pour Station Box Roof<br>ile Cap Beam Sta 134-<br>8 Restore Street Sta<br>& Restore Street Sta  |
| ar / Pour Station Box Roof - Sta 133+00 to 132+50<br>r Pile Cap Beam Sta 133+00 to 132+50<br>ies & Restore Street Sta 134+50 to 134+00<br>les & Restore Street Sta 134+00 to 132+50<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>r Pile Cap Beam Sta 134+00 to 133+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>station Box Roof - Sta 132+50 to 132+00<br>ies & Restore Street Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+50 to 132+00<br>station Box Roof Beams - Sta 132+50 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r Pile Cap Beam Sta 132+00 to 131+50<br>r Pile Cap Beam Sta 132+00 to 131+50<br>r Pile Cap Beam Sta 132+00 to 131+50<br>is & Restore Street Sta 132+00 to 131+50<br>r Pile Cap Beam Sta 132+00 to 131+50<br>station Box Roof Beams - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82   | 7<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5  | 27-Jan-15<br>27-Jan-15<br>29-Jan-15<br>05-Feb-15<br>05-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>19-Feb-15<br>19-Feb-15<br>19-Feb-15<br>23-Feb-15<br>02-Mar-15<br>16-Mar-15<br>16-Mar-15<br>25-Mar-15<br>01-Apr-15  | 04-Feb-15<br>04-Feb-15<br>04-Feb-15<br>11-Feb-15<br>11-Feb-15<br>18-Feb-15<br>20-Feb-15<br>20-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>06-Mar-15<br>13-Mar-15<br>24-Mar-15<br>31-Mar-15  |  |   |   | Deck / Form / Rebar / Pour Pile     Deck / Form / Rebar / Pour Pile     DEackfill; Install Utilities &     DEackfill; Install Utilities &     DEackfill; Install Utilities &     DEackfill; Install Vilities &     DEck / Form / Rebar / Rebar / Pour Pile     E Greek / Form / Rebar / Pour Pile     DEackfill; Install Utilities     DEackfill; Install Utilities     DEackfill; Install Utilities  | pur Stallor Box Roof-<br>Cap Batth Sia (33+0<br>Restore Street Sta (3<br>Restore Street Sta (3<br>Restore Street Sta (1<br>on Box Roof Beams -<br>Four Stallon Box Roof<br>le Cap Beam Sta (3)+<br>Pour Stallon Box Roof<br>lie Cap Beam Sta (3)+<br>Pour Stallon Box Roof<br>a Restore Street Sta<br>s & Restore Street Sta   |
| r Pile Cap Beam Sta 133+00 to 132+50<br>les & Restore Street Sta 134+50 to 134+00<br>les & Restore Street Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof Beams - Sta 132+50 to 132+00<br>ar / Pour Station Box Roof - Sta 134+00 to 133+50 (O'Farrell)<br>r Pile Cap Beam Sta 134+00 to 133+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>les & Restore Street Sta 134+00 to 133+50 O'Farrell)<br>ies & Restore Street Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+00 to 131+50<br>r Pile Cap Beam Sta 132+00 to 131+50<br>r Pile Cap Beam Sta 132+00 to 131+50<br>r Pile Cap Beam Sta 132+00 to 131+50<br>station Box Roof Beams - Sta 132+00 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82  | 7<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7  | 27-Jan-15<br>29-Jan-15<br>05-Feb-15<br>05-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>19-Feb-15<br>19-Feb-15<br>23-Feb-15<br>02-Mar-15<br>02-Mar-15<br>16-Mar-15<br>16-Mar-15<br>25-Mar-15<br>01-Apr-15   | 04-Feb-15<br>04-Feb-15<br>11-Feb-15<br>11-Feb-15<br>18-Feb-15<br>20-Feb-15<br>20-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>06-Mar-15<br>13-Mar-15<br>24-Mar-15<br>31-Mar-15   |  |   |   | <ul> <li>D Form / Rebar / Pour Pile</li> <li>Backfill, Install Utilities &amp;</li> <li>Backfill, Install Utilities &amp;</li> <li>Excavate &amp; Install Stall</li> <li>Excavate &amp; Install Stall</li> <li>D beck / Form / Rebar /</li> <li>C Form / Rebar / Pour Pile</li> <li>Bockfill, Install Utilities</li> <li>Backfill, Install Utilities</li> <li>Backfill, Install Utilities</li> </ul>  | Cap Bath Sia (33+0<br>Restore Street Sta (3<br>A Restore Street Sta (3<br>A Restore Street Sta (1<br>Di Box Roof Beams - S<br>On Box Roof Beams -<br>Pour Stalion Box Roof<br>le Cap Beam Sta (3)+<br>Pour Stalion Box Roof<br>lie Cap Beam Sta (3)-<br>& Restore Street Sta<br>& & Restore Street Sta   |
| les & Restore Street Sta 134+50 to 134+00<br>les & Restore Street Sta 133+00 to 132+50<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof Beams - Sta 132+50 to 132+00<br>ar / Pour Station Box Roof - Sta 132+50 to 133+50 (O'Farrell)<br>r Pile Cap Beam Sta 134+00 to 133+50<br>ar / Pour Station Box Roof - Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>les & Restore Street Sta 134+00 to 133+50 O'Farrell)<br>les & Restore Street Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+50 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r Pile Cap Beam Sta 132+00 to 131+50<br>r Pile Cap Beam Sta 132+00 to 131+50<br>les & Restore Street Sta 132+00 to 131+50<br>les & Restore Street Sta 132+00 to 131+50<br>r Pile Cap Beam Sta 132+00 to 131+50<br>station Box Roof Beams - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82  | 5<br>5<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>5<br>5<br>7<br>7<br>5<br>5<br>5<br>7<br>7<br>7<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7  | 29-Jan-15<br>05-Feb-15<br>05-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>19-Feb-15<br>19-Feb-15<br>23-Feb-15<br>23-Feb-15<br>02-Mar-15<br>16-Mar-15<br>16-Mar-15<br>25-Mar-15<br>01-Apr-15  | 04-Feb-15<br>11-Feb-15<br>11-Feb-15<br>18-Feb-15<br>20-Feb-15<br>20-Feb-15<br>27-Feb-15<br>27-Feb-15<br>06-Mar-15<br>13-Mar-15<br>24-Mar-15<br>31-Mar-15   |  |   |   | Backfill, Install Utilities &     Backfill, Install Utilities &     Backfill, Install Utilities &     BERGER, Install Stall     Excavate & Install Stall     Deck/ Form / Rebar / F     EForm/ Rebar / Pour Pil     BE Deck / Form / Rebar /     G Form / Rebar / Pour Pil     Backfill, Install Utilities     Backfill, Install Utilities  | Restore Street Sta 13<br>Restore Street Sta 13<br>on Box Roof Beams - 5<br>on Box Roof Beams<br>Pour Station Box Roof<br>le Cap Beam Sta 13#+<br>Pour Station Box Roof<br>ile Cap Beam Sta 132<br>& Restore Street Sta<br>& Restore Street Sta   |
| les & Restore Street Sta 133+00 to 132+50<br>Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)<br>Station Box Roof Beams - Sta 132+50 to 132+00<br>ar / Pour Station Box Roof - Sta 132+50 to 133+50 (O'Farrell)<br>r Pile Cap Beam Sta 134+00 to 133+50<br>ar / Pour Station Box Roof - Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>les & Restore Street Sta 132+50 to 133+50 O'Farrell)<br>les & Restore Street Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+50 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>les & Restore Street Sta 132+00 to 131+50<br>Station Box Roof Beams - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82  | 5<br>5<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>7<br>7<br>7<br>5<br>5<br>5<br>7<br>7<br>7   | 05-Feb-15<br>05-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>19-Feb-15<br>23-Feb-15<br>23-Feb-15<br>02-Mar-15<br>09-Mar-15<br>16-Mar-15<br>16-Mar-15<br>25-Mar-15<br>01-Apr-15  | 11-Feb-15<br>11-Feb-15<br>18-Feb-15<br>20-Feb-15<br>20-Feb-15<br>27-Feb-15<br>27-Feb-15<br>06-Mar-15<br>13-Mar-15<br>24-Mar-15<br>31-Mar-15  |  |   |   | <ul> <li>Backfill, Install Utilities 8</li> <li>Excavate &amp; Install Stall</li> <li>Excavate &amp; Install Stall</li> <li>Excavate &amp; Install Stall</li> <li>Deck/ Form / Rebar / F</li> <li>Form/ Rebar / Pour Pii</li> <li>Deck / Form / Rebar /</li> <li>Form / Rebar / Pour Pii</li> <li>Form / Rebar / Pour Pii</li> <li>Backfill, Install Utilities</li> <li>Backfill, Install Utilities</li> </ul>  | A Restore Strett Statt<br>on Box Roof Beams - S<br>on Box Roof Beams -<br>Pour Station Box Roof<br>le Cap Beam Sta 13#+<br>Pour Station Box Roof<br>ile Cap Bram Sta 132<br>& Restore Street Sta<br>s & Restore Street Sta   |
| Station Box Roof Beams - Sta 134+00 to 133+50 (O'Farrell)         Station Box Roof Beams - Sta 132+50 to 132+00         ar / Pour Station Box Roof - Sta 134+00 to 133+50 (O'Farrell)         r Pile Cap Beam Sta 134+00 to 133+50         ar / Pour Station Box Roof - Sta 132+50 to 132+00         r Pile Cap Beam Sta 132+50 to 132+00         r Pile Cap Beam Sta 132+50 to 132+00         r Pile Cap Beam Sta 132+50 to 132+00         les & Restore Street Sta 132+50 to 132+00         Station Box Roof Farrelly         ies & Restore Street Sta 132+50 to 132+00         Station Box Roof Beams - Sta 132+00 to 131+50         r / Pour Station Box Roof - Sta 132+00 to 131+50         r Pile Cap Beam Sta 132+00 to 131+50         station Box Roof Beams - Sta 131+50 to 130+82         r / Pour Station Box Roof - Sta 131+50 to 130+82         r / Pour Station Box Roof - Sta 131+50 to 130+82  | 5<br>7<br>7<br>7<br>5<br>5<br>5<br>7<br>7<br>7<br>5<br>5<br>5<br>7<br>7<br>7<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>5<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7   | 05-Feb-15<br>12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>19-Feb-15<br>19-Feb-15<br>23-Feb-15<br>23-Feb-15<br>02-Mar-15<br>09-Mar-15<br>16-Mar-15<br>16-Mar-15<br>16-Mar-15<br>25-Mar-15<br>01-Apr-15  | 11-Feb-15<br>18-Feb-15<br>20-Feb-15<br>20-Feb-15<br>27-Feb-15<br>27-Feb-15<br>06-Mar-15<br>13-Mar-15<br>24-Mar-15<br>31-Mar-15   |  |   |   | Excavate & Install Stall     Excavate & Install Stall     Excavate & Install Stall     Deck/ Form / Rebar / F     E Form / Rebar / Pour Pl     E Deck / Form / Rebar / Pour Pl     E Deck / Form / Rebar / Pour Pl     E Backfill, Install Utilities     B Backfill, Install Utilities  | on Box Roof Beams - 5<br>on Box Roof Beams -<br>Pour Station Box Roof<br>le Cap Beam Sta 134+<br>Pour Station Box Roof<br>lle Cap Bram Sta 132<br>& Restore Street Sta<br>s & Restore Street Sta   |
| Station Box Roof Beams - Sta 132+50 to 132+00<br>ar / Pour Station Box Roof - Sta 134+00 to 133+50 (O'Farrell)<br>r Pile Cap Beam Sta 134+00 to 133+50<br>rr / Pour Station Box Roof - Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>les & Restore Street Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+50 to 131+50<br>rr / Pour Station Box Roof - Sta 132+00 to 131+50<br>re Pile Cap Beam Sta 132+00 to 131+50<br>les & Restore Street Sta 132+00 to 131+50<br>Station Box Roof Beams - Sta 132+00 to 130+82<br>rr / Pour Station Box Roof - Sta 131+50 to 130+82<br>rr / Pour Station Box Roof - Sta 131+50 to 130+82<br>rr / Pour Station Box Roof - Sta 131+50 to 130+82<br>rr / Pile Cap Beam Sta 131+50 to 130+82  | 5<br>7<br>7<br>5<br>5<br>7<br>7<br>7<br>5<br>5<br>7<br>7<br>7<br>5<br>5<br>7<br>7<br>7   | 12-Feb-15<br>12-Feb-15<br>12-Feb-15<br>19-Feb-15<br>23-Feb-15<br>23-Feb-15<br>23-Feb-15<br>02-Mar-15<br>09-Mar-15<br>16-Mar-15<br>16-Mar-15<br>16-Mar-15<br>25-Mar-15<br>01-Apr-15   | 18-Feb-15<br>20-Feb-15<br>20-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>06-Mar-15<br>13-Mar-15<br>24-Mar-15<br>24-Mar-15<br>31-Mar-15  |  |   |   | Excavate & Install Stall     Deck/Form/Rebar/F     Erdmi/Rebar/PourPil     B Deck/Form/Rebar/     G Form/Rebar/PourPil     Backfill, Install Utilities     B Backfill, Install Utilities  | on Bos Rotof Beams<br>Pour Station Box Roof<br>le Cap Beam Sta 13#+<br>Pour Station Box Roof<br>ile Cap Bram Sta 132<br>& Restore Street Sta<br>s & Restore Street Sta   |
| ar / Pour Station Box Roof - Sta 134+00 to 133+50 (O'Farrell)<br>r Pile Cap Beam Sta 134+00 to 133+50<br>ar / Pour Station Box Roof - Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>les & Restore Street Sta 134+00 to 133+50 O'Farrell)<br>les & Restore Street Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>les & Restore Street Sta 132+00 to 131+50<br>les & Restore Street Sta 132+00 to 131+50<br>Station Box Roof Beams - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82  | 7<br>7<br>7<br>5<br>5<br>7<br>7<br>7<br>5<br>5<br>7<br>7<br>7<br>7<br>7<br>7   | 12-Feb-15<br>12-Feb-15<br>19-Feb-15<br>19-Feb-15<br>23-Feb-15<br>23-Feb-15<br>02-Mar-15<br>16-Mar-15<br>16-Mar-15<br>25-Mar-15<br>01-Apr-15  | 20-Feb-15<br>20-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>06-Mar-15<br>13-Mar-15<br>24-Mar-15<br>24-Mar-15<br>31-Mar-15   |  |   |   | Deck / Form / Rebar / F     E Form / Rebar / Pour Pil     B Deck / Form / Rebar /     O Form / Rebar / Pour Pil     Backfill, Install Utilities     B Backfill, Install Utilities   | Pour Station Box Roof<br>le Cap Beam Sta 134+<br>Pour Station Box Roof<br>ile Cali Bram Sta 132<br>& Restore Streel Sta<br>s & Restore Street Sta  |
| r Pile Cap Beam Sta 134+00 to 133+50<br>ar / Pour Station Box Roof - Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>les & Restore Street Sta 134+00 to 133+50 O'Farrell)<br>les & Restore Street Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>les & Restore Street Sta 132+00 to 131+50<br>les & Restore Street Sta 132+00 to 131+50<br>Station Box Roof Beams - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82   | 7<br>7<br>5<br>5<br>7<br>7<br>7<br>5<br>5<br>7<br>7  | 12-Feb-15<br>19-Feb-15<br>23-Feb-15<br>23-Feb-15<br>02-Mar-15<br>09-Mar-15<br>16-Mar-15<br>16-Mar-15<br>25-Mar-15<br>01-Apr-15   | 20-Feb-15<br>27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>06-Mar-15<br>13-Mar-15<br>24-Mar-15<br>24-Mar-15<br>31-Mar-15  |  |   |   | Form// Rebar / Pour Pil     B Deck / Form / Rebar /     C Form / Rebar /     C Form / Rebar /     Backfill, Install Utilities     Backfill, Install Utilities   | e Cap Beam Sta 13#<br>Pour Station Box Roof<br>ile Cali Beam Sta 132<br>& Restore Street Sta<br>s & Restore Street Sta   |
| r / Pour Stallon Box Roof - Sta 132+50 to 132+00<br>r Pile Cap Beam Sta 132+50 to 132+00<br>les & Restore Street Sta 134+00 to 133+50 O'Farrell)<br>les & Restore Street Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r Pile Cap Beam Sta 132+00 to 131+50<br>les & Restore Street Sta 132+00 to 131+50<br>Station Box Roof Beams - Sta 131+50<br>Istation Box Roof Beams - Sta 131+50<br>Istation Box Roof Beams - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82   | 7<br>7<br>5<br>5<br>7<br>7<br>5<br>5<br>5<br>7   | 19-Feb-15<br>19-Feb-15<br>23-Feb-15<br>02-Mar-15<br>09-Mar-15<br>16-Mar-15<br>16-Mar-15<br>25-Mar-15<br>01-Apr-15  | 27-Feb-15<br>27-Feb-15<br>27-Feb-15<br>06-Mar-15<br>13-Mar-15<br>24-Mar-15<br>24-Mar-15<br>31-Mar-15   |  |   |   | B Deck / Form / Rebar /<br>C Form / Rebar /Pour Pi<br>Backfill, Install Utilities<br>Backfill, Install Utilities  | Pour Stailon Box Root<br>ile Cap Beam Sta 132<br>& Restore Street Sta<br>s & Restore Street Sta  |
| r Pile Cap Beam Sta 132+50 to 132+00<br>les & Restore Street Sta 134+00 to 133+50 O'Farrell)<br>les & Restore Street Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+00 to 131+50<br>in / Pour Station Box Roof - Sta 132+00 to 131+50<br>r Pile Cap Beam Sta 132+00 to 131+50<br>les & Restore Street Sta 132+00 to 131+50<br>Station Box Roof Beams - Sta 131+50 to 130+82<br>in / Pour Station Box Roof - Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82   | 7<br>5 :<br>7<br>7<br>5 :<br>5 :<br>5 :<br>7 :   | 19-Feb-15<br>23-Feb-15<br>02-Mar-15<br>09-Mar-15<br>16-Mar-15<br>16-Mar-15<br>25-Mar-15<br>01-Apr-15   | 27-Feb-15<br>27-Feb-15<br>06-Mar-15<br>13-Mar-15<br>24-Mar-15<br>24-Mar-15<br>31-Mar-15  |  |   |   | D Form / Rebar / Pour Fi<br>D Backfill, Install Utilities<br>D Backfill, Install Utilities  | ile Cap Bram Sta 132<br>& Restore Street Sta<br>s & Restore Street Sta   |
| les & Restore Street Sta 134100 to 133+50 O'Farrell)<br>les & Restore Street Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r Pile Cap Beam Sta 132+00 to 131+50<br>les & Restore Street Sta 132+00 to 131+50<br>Station Box Roof Beams - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82   | 5 :<br>5 (<br>7<br>7<br>5 :<br>5 :<br>7 (<br>7 (   | 23-Feb-15<br>02-Mar-15<br>09-Mar-15<br>16-Mar-15<br>16-Mar-15<br>25-Mar-15<br>01-Apr-15  | 27-Feb-15<br>06-Mar-15<br>13-Mar-15<br>24-Mar-15<br>24-Mar-15<br>31-Mar-15   |  |   |   | Backfill, Install Utilities   | & Restore Street Sta<br>s & Restore Street Sta   |
| les & Restore Street Sta 132+50 to 132+00<br>Station Box Roof Beams - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r Pile Cap Beam Sta 132+00 to 131+50<br>les & Restore Street Sta 132+00 to 131+50<br>Station Box Roof Beams - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82   | 5 (<br>7<br>7<br>5 (<br>5 (<br>7 (   | 02-Mar-15<br>09-Mar-15<br>16-Mar-15<br>16-Mar-15<br>25-Mar-15<br>01-Apr-15   | 06-Mar-15<br>13-Mar-15<br>24-Mar-15<br>24-Mar-15<br>31-Mar-15  |  |   |   | Backfill, Install Utilities   | & Restore Street Sta<br>s & Restore Street Sta   |
| Station Box Roof Beams - Sta 132+00 to 131+50<br>r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r Pile Cap Beam Sta 132+00 to 131+50<br>es & Restore Street Sta 132+00 to 131+50<br>Station Box Roof Beams - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82   | 5 (<br>7<br>5 (<br>5 (<br>7 (  | 09-Mar-15<br>16-Mar-15<br>16-Mar-15<br>25-Mar-15<br>01-Apr-15  | 13-Mar-15<br>24-Mar-15<br>24-Mar-15<br>31-Mar-15   |  |   |   | Backfill; Install Utilities   | s & Restore Street Sta   |
| r / Pour Station Box Roof - Sta 132+00 to 131+50<br>r Pile Cap Beam Sta 132+00 to 131+50<br>es & Restore Street Sta 132+00 to 131+50<br>Station Box Roof Beams - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82  | 7<br>7<br>5 (<br>5 (<br>7 (  | 16-Mar-15<br>16-Mar-15<br>25-Mar-15<br>01-Apr-15   | 24-Mar-15<br>24-Mar-15<br>31-Mar-15  |  |   |   | Excavate & Install St   | ation Box Roof Beams   |
| r Pile Cap Beam Sta 132+00 to 131+50<br>es & Restore Street Sta 132+00 to 131+50<br>Station Box Roof Beams - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82  | 7<br>5<br>5<br>7   | 16-Mar-15<br>25-Mar-15<br>01-Apr-15  | 24-Mar-15<br>31-Mar-15   |  |   |   |   |  |
| r Pile Cap Beam Sta 132+00 to 131+50<br>es & Restore Street Sta 132+00 to 131+50<br>Station Box Roof Beams - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82  | 7<br>5<br>5<br>7   | 16-Mar-15<br>25-Mar-15<br>01-Apr-15  | 24-Mar-15<br>31-Mar-15   |  |   |   | Deck / Form / Reba  |  |
| es & Restore Street Sta 132+00 to 131+50<br>Station Box Roof Beams - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82  | 5 :<br>5 (<br>7 (  | 25-Mar-15<br>01-Apr-15   | 31-Mar-15  |  |   |   | 🛛 Form / Rebar / Pour   |  |
| Station Box Roof Beams - Sta 131+50 to 130+82<br>r / Pour Station Box Roof - Sta 131+50 to 130+82<br>r Pile Cap Beam Sta 131+50 to 130+82  | 5 (  | 01-Apr-15  | the second second second second  | ( : : : : : <b>:</b>   |   |   |   | lies & Restore Street S  |
| r / Pour Station Box Roof - Sta 131+50 to 130+82<br>Pile Cap Beam Sta 131+50 to 130+82   | 7 (  |  | 07-Apr-15  |  |   |   |   | Station Box Roof Bear  |
| Pile Cap Beam Sta 131+50 to 130+82   |  |  | 16-Apr-15  |  |   |   | I Deck / Form / Pal   | bar / Pour Station Box   |
| and the second  |  | 08-Apr-15<br>08-Apr-15   | 16-Apr-15  |  |   |   |   | our Pile Cap Beam Sta  |
| Ising runners  | 24 -   | 10-Apr-15  | the second se  |  | ×   |   |   | in Existing Tunnels  |
| and & Deploys Clevel Clay 404 (50 to 400 (80)  |  | and the second se  | 08-May-15  |  |   |   | Deatell (natell th  | tilities & Restore Stree   |
| es & Restore Street Sta 131+50 to 130+82   |  | 17-Apr-15  | 23-Apr-15  |  |   |   | Backilli, Install U   | atform Box to Concour  |
| Box to Concourse Level   |  | 30-Apr-15  | 29-May-15  |  |   |   | Excavate Pla  | illorm Box to Concour  |
| Drain Pipe & Shotcrete Pile Walls Roof to Concourse Level  | and the second s | 14-May-15  | 25-Jun-15  |  |   |   | install Stu   | uds, Mesh, Drain Pipe a  |
| n Grout Tubing Macy's Mens from Platform Box   |  | 15-May-15  | 29-May-15  |  | ×   |   |   | ensation Grout Tubing  |
| Permanent Wales & Struts - Concourse Level   | 33 2   | 21-May-15  | 08-Jul-15  |  |   |   | Install &   | Pre-Load Permanent   |
| ediate Strut Level & Expose Wide Flange  | 13 (   | 01-Jun-15  | 17-Jun-15  |  |   |   | Excavate to   | o Intermediale Strut Le  |
| drain Pipe & Shotcrete Pile Walls Concourse to Intermediate Level  |  | 08-Jun-15  | 06-Jul-15  |  |   |   |   | uds, Mesh, drain Pipe  |
| ermanent Struts & Wales - Intermediate Level   | 33 1   | 15-Jun-15  | 30-Jul-15  |  |   |   | install   | & Pre-Load Permaner  |
| rary Strut Level 1 & Expose Wide Flange  | 13 1   | 5-Jul-15   | 31-Jul-15  |  | 8   |   | Excav   | ate to Temporary Stru  |
| emporary Struts - Level 1  | 25 2   | 2-Jul-15   | 25-Aug-15  |  |   |   | Inst  | tal & Pre Load Tempo   |
| ine Level & Expose Wide Flange   | 10 1   | 12-Aug-15  | 25-Aug-15  |  |   |   |   | cavate to Mezzanine Le   |
| Drain Pipe & Shotcrete Pile Walls Intermediate Level to Mezzanine  | 20 1   | 19-Aug-15  | 16-Sep-15  |  |   | 1 1 1 1 1   | 🔯 : : : : : :   📖 h   | nstall Studs, Mesh Dra   |
| ermanent Struts & Wales - Mezzanine Level  | 33 2   | 6-Aug-15   | 12-Ocl-15  |  | SE  |   |   | I Install & Pre-Load P   |
| rary Strut Level 2 & Expose Wide Flange  |  | 9-Sep-15   | 12-Oct-15  |  |   |   |   | Extavate to Tempor   |
| Drain Pipe & Shotcrete Pile Walls Mezzanine to Temp Strut Level 2  |  | 3-Oct-15   | 10-Nov-15  |  |   |   |   | Install Studs, Me  |
| mporary Struts - Level 2   |  |  | 03-Dec-15  |  |   |   |   | Install & Preloa   |
| n Level Expose Wide Flange   | the second se  | 8-Nov-15   | 04-Dec-15  |  |   |   |   | Excavate to P  |
| Drain Pipe & Shotcrete - Pile Walls to Platform level  |  |  | 29-Dec-15  |  |   | 1 1 1 1 1   |   | Install Stude  |
| manent Struts & Wales Platform Level   |  | a second s  | 22-Jan-16  |  |   |   |   | Install &  |
| the second  |  |  | C  |  | ······································  |   |   |  |
| rary SIrut Level 3 & Expose Wide Flange  | 1. S.  |  | 25-Jan-16  |  |   |   |   | Excaval  |
| er & Install Temporary Struts - Level 3  |  | 2-Jan-16   | 22-Feb-16  |  |   |   |   | Remo   |
| of Slab & Expose Wide Flange   |  |  | 23-Feb-16  |  |   |   |   | 💭 🕄 Exca   |
| I Slab Slub Beams  |  | 8-Feb-16   | 13-Apr-16  |  |   |   |   |  |
| vert Slab  |  |  | 18-May-16  |  | 8   |   |   |  |
| Support Level 3  | 40 0   | 7-Apr-16   | 02-Jun-16  |  |   |   |   |  |
| Rebar / Pour / Architectural Walls to Platform Strut Level   | 44 2   | 1-Apr-16   | 22-Jun-16  |  |   |   |   |  |
| Support Level 2  | 20 0   | 3-Jun-16   | 30-Jun-16  |  |   |   |   |  |
| Rebar / Pour / Architectural Walls to Mezzanine Level  | 50 2   | 0-Jun-16   | 29-Aug-16  |  |   |   |   |  |
| form Level Ready for CN 1256   | 0  |  | 22-Jun-16  |  |   |   |   |  |
| donin Lordi Alday for Ora 1200   | 40 0   | 2-Aug-16   | 27-Sep-16  | 8  |   |   |   |  |
| Rebar / Pour / Mezzanine Level Slab  |  |  | and the second sec   |  |   |   |   |  |
| the second secon   |  |  | PT No. 1 M   |  |   |   |   |  |
| Rebar / Pour / Mezzanine Level Slab<br>/ Platform Stem Walls   |  | and the second se  | the second se  |  |   |   |   |  |
| Rebar / Pour / Mezzanine Level Slab<br>/ Platform Stem Walls<br>Support Level 1  |  |  | and the second se  |  |   |   |   |  |
| Rebar / Pour / Mezzanine Level Slab<br>/ Platform Stem Walls<br>Support Level 1<br>Rebar / Pour / Platform   | the second se  |  | And a second sec   |  |   |   | ×   |  |
| Rebar / Pour / Mezzanine Level Slab<br>/ Platform Stem Walls<br>Support Level 1<br>Rebar / Pour / Platform<br>Rebar / Pour / Architectural Walls to Intermediate Level   | 50 Z   |  |  |  |   |   |   |  |
| Rebar / Pour / Mezzanine Level Slab<br>/ Platform Stem Walls<br>Support Level 1<br>Rebar / Pour / Platform<br>Rebar / Pour / Architectural Walls to Intermediate Level<br>Coating - Struts   |  | . 1  | 11-001-10  |  |   |   |   |  |
|  | rm Level Ready for CN 1256<br>ebar / Pour / Mezzanine Level Slab<br>Platform Stem Walls<br>upport Level 1<br>ebar / Pour / Platform<br>ebar / Pour / Architectural Walls to Intermediate Level   | rm Level Ready for CN 1256 0<br>ebar / Pour / Mezzanine Level Slab 40 0<br>Platform Stem Walls 20 3<br>upport Level 1 20 0<br>ebar / Pour / Platform 20 1<br>ebar / Pour / Architectural Walls to Intermediate Level 40 2  | rm Level Ready for CN 1256 0<br>ebar / Pour / Mezzanine Level Slab 40 02-Aug-16<br>Platform Stem Walls 20 30-Aug-16<br>upport Level 1 20 07-Sep-16<br>ebar / Pour / Platform 20 14-Sep-16<br>ebar / Pour / Architectural Walls to Intermediate Level 40 21-Sep-16<br>oating - Struts 30 28-Sep-16<br>for CN 1256 - Trackwork 0   | Image: system of the system         0         22-Jun-16           ebar / Pour / Mezzanine Level Slab         40         02-Aug-16         27-Sep-16           Platform Stem Walls         20         30-Aug-16         27-Sep-16           paport Level 1         20         07-Sep-16         04-Oct-16           ebar / Pour / Platform         20         14-Sep-16         11-Oct-16           ebar / Pour / Architectural Walls to Intermediate Level         40         21-Sep-16         16-Nov-16           oating - Struts         30         28-Sep-16         08-Nov-16 | rm Level Ready for CN 1256       0       22-Jun-16         ebar / Pour / Mezzanine Level Slab       40       02-Aug-16       27-Sep-16         Platform Stem Walls       20       30-Aug-16       27-Sep-16         upport Level 1       20       07-Sep-16       04-Oct-16         ebar / Pour / Platform       20       14-Sep-16       11-Oct-16         ebar / Pour / Architectural Walls to Intermediate Level       40       21-Sep-16       16-Nov-16         oating - Struts       30       28-Sep-16       08-Nov-16       11-Oct-16         for CN 1256 - Trackwork       0       11-Oct-16       11-Oct-16 | rm Level Ready for CN 1256     0     22-Jun-16       ebar / Pour / Mezzanine Level Slab     40     02-Aug-16     27-Sep-16       Platform Stem Walls     20     30-Aug-16     27-Sep-16       upport Level 1     20     07-Sep-16     04-Oct-16       ebar / Pour / Platform     20     14-Sep-16     11-Oct-16       ebar / Pour / Platform     20     14-Sep-16     16-Nov-16       ebar / Pour / Platform     30     28-Sep-16     08-Nov-16       for CN 1256 - Trackwork     0     11-Oct-16     11-Oct-16 | rm Level Ready for CN 1256       0       22-Jun-16         ebar / Pour / Mezzanine Level Slab       40       02-Aug-16       27-Sep-16         Platform Stem Walls       20       30-Aug-16       27-Sep-16         upport Level 1       20       07-Sep-16       04-Oct-16         ebar / Pour / Platform       20       14-Sep-16       11-Oct-16         ebar / Pour / Architectural Walls to Intermediate Level       40       21-Sep-16       16-Nov-16         oating - Struts       30       28-Sep-16       08-Nov-16       14-Sep-16   | rm Level Ready for CN 1256       0       22-Jun-16         ebar / Pour / Mezzanine Level Slab       40       02-Aug-16       27-Sep-16         Platform Stem Walls       20       30-Aug-16       27-Sep-16         upport Level 1       20       07-Sep-16       04-Oct-16         ebar / Pour / Platform       20       14-Sep-16       11-Oct-16         ebar / Pour / Platform       20       14-Sep-16       16-Nov-16         ebar / Pour / Platform       20       12-Sep-16       16-Nov-16         ebar / Pour / Platform       30       28-Sep-16       08-Nov-16         for CN 1256 - Trackwork       0       11-Oct-16       11-Oct-16  |

18-Apr-13 Data Date

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6 of 11

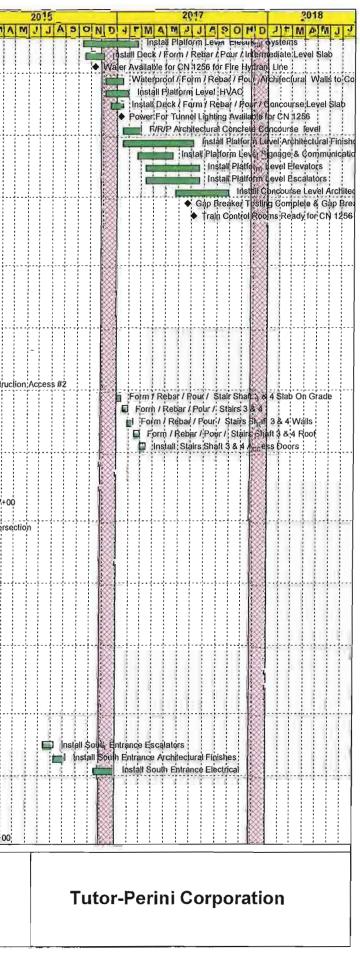
Proposal Schedule

Contract 1300

| 2016               |           |              |         |      |      |      |         | 20   | 17   |       | -    |       | -    |           |                    | -           | 2          | 01  | 8          | -          | -                |
|--------------------|-----------|--------------|---------|------|------|------|---------|------|------|-------|------|-------|------|-----------|--------------------|-------------|------------|-----|------------|------------|------------------|
| ALLMA              | SD        | ND           | J       | F    | ī/   | A    | M       | J    | ú    | A     | S    | 0     | N    | D         | J                  | F           | M          | A   | M          | J          |                  |
| la:133+50 to:133   | 3+0p :    |              |         | -    |      | -    |         | -    |      |       |      | -     |      | 8         | 1                  |             |            |     |            |            |                  |
| to:133+00          |           | $\otimes$    |         | 1    |      |      |         |      |      |       |      |       |      | 諁         |                    |             |            |     |            |            |                  |
| dwall to 134450    |           |              |         |      |      |      |         |      |      |       |      |       |      | $\otimes$ |                    |             |            |     | :          |            |                  |
| Excavation         |           |              |         |      | - 1  |      |         |      |      |       |      |       |      | *         |                    |             |            |     |            |            |                  |
| 3+50 to 133+00     |           |              |         | -    |      |      |         |      |      |       |      |       |      | $\otimes$ | 1                  |             |            |     |            |            |                  |
| a 134+50 lo 134    | +00       |              | { :     | ;    |      | :    |         |      |      |       |      |       |      | 8         |                    |             |            |     |            |            |                  |
| ta:133+00 to:132   | 1 1       | 188          |         |      |      | :    |         |      |      |       |      |       |      | $\otimes$ |                    |             |            |     |            |            |                  |
|                    |           |              |         | 1    |      |      |         |      |      |       |      |       |      | 883       |                    |             |            |     |            |            |                  |
| Sla 134+50 to 13   | 34+00     | 18           |         |      |      |      |         |      |      |       |      |       |      | 88        |                    |             |            |     |            |            |                  |
| 0 to 134+00        |           | 1            |         | 1    |      |      |         |      |      |       |      |       |      | *         |                    | -           |            |     |            |            |                  |
| - Sta 133+00 to 1  | 32+50     | 1            |         |      |      |      |         |      |      |       |      |       |      | 28        |                    | - 1         |            |     |            |            |                  |
| 00 to 132+50       |           |              |         |      |      | ÷    |         | -    |      |       |      |       |      | 880       |                    | -           |            |     |            |            |                  |
| 34+50 to 134+00    |           | 188          |         | ÷    | 1    |      | -       | -    | :    | 1     |      | -     |      | 88        |                    | - 1         |            |     |            | -          |                  |
| 33+00 10 132+50    |           | 12           |         | - 1  |      | - 1  | - 1     | 1    | :    |       |      | -     |      | 880       |                    |             |            |     |            | i          |                  |
| Sta 134+00 to 13   | 33450:(   | OFar         | ell)    |      | 1    | 1    | · · · i |      |      |       |      | ;     |      |           | 11                 | 1           |            |     |            | :          |                  |
| Sta 132+50 to 1    |           | 1            | 1       | ł    |      | -    |         |      |      |       | - 1  |       |      | 8         |                    |             | :          |     | i          | 1          |                  |
| f - Sta 134+00 to  |           | 10h          | arrel   | n!   | - 1  | ;    |         | :    | ÷    | i     | :    | ÷     |      | 8         |                    | - 1         |            |     | ÷          |            |                  |
| +00 to 133+50      | 100.00    | 188          |         | 1    | ÷    | -    | -       |      | 1    | :     | - 1  | - 1   | ľ.   | 8         |                    |             |            |     |            |            |                  |
|                    | ini       | 1333         |         | 1    | ÷    | -    | - 1     | - 1  | - 1  | :     | - 1  |       | Ĭ.   |           | 1                  | -           |            |     |            |            |                  |
| of - Sta 132+50 to | 132+0     | 100          |         | 4    |      |      |         |      |      | ļ     |      |       | [    | ×.        |                    |             |            |     |            |            |                  |
| 2+50 (o 132+00     |           |              |         | ł    |      |      |         | 1    |      |       |      | -     |      | 88        |                    |             |            |     |            | i          |                  |
| 134+00 to 133+     |           | n BY         |         | -    |      | 1    |         |      | ÷    | - 1   | - 1  |       | B    | $\otimes$ |                    | ÷           |            | 1   | -          |            |                  |
| a 132+50 to 132+   | 00        |              |         | ÷    | ÷    | i    |         | -    | ÷    | 1     | ÷    |       | 1    | 8         |                    | -           | ÷          | -   | - :        | - 1        |                  |
| s - Sta 132+00 id  | 131+5     | d 🛞          |         | ł    | 1    | ÷    |         | ł    |      | - 1   | ł    |       |      | $\otimes$ |                    | -           |            |     |            | -          |                  |
| Roof - Sta 132+00  |           | 100000       |         | 1    |      |      |         |      |      |       |      |       |      | X         |                    | 1           |            | 1   |            |            |                  |
| 132+00 to 131+50   |           | 1            |         | -1-  | - :- | ÷    |         | 1    | ;-   | ÷     |      |       | -6   | 883       | ÷                  | ÷           |            |     |            |            | • •              |
| Sta 132+00 to 13   |           | 80           |         | -    |      |      |         | 1    |      |       |      |       |      | $\otimes$ |                    | į.          |            |     |            |            |                  |
|                    |           | 100          |         | 1    |      |      |         |      |      |       | ł    | ł     |      | $\otimes$ |                    | ÷           | ł          | }   |            | ł          |                  |
| ams - Sta 131+50   |           | 10000        |         | ł    | i    |      |         |      |      | 1     | ł    |       | B    | $\otimes$ |                    | ÷           | 1          | ł   | ÷          | ÷          |                  |
| x Roof - Sta:131+  | 1 1       | 10+8         | 2       | i    | ÷    | ÷    |         | ÷    | :    | ÷     |      | ÷     | P.C. | $\otimes$ |                    | :           | ;          |     |            | -          |                  |
| a 131+50 to 130-   | +82       | 122          |         | 1.   |      | .1.  |         |      |      | !     |      |       |      | 8         |                    |             |            |     |            |            |                  |
| 1 1 1 1 1          | 1         | 1            |         | 1    |      | 1    | 1       | 1    | 1    |       | 1    | 1     | 1    | ×         | 1                  | Ţ           |            | 1   |            | 1          |                  |
| el Sta 131+50 (o   | 130+82    | 2            | 1       | 1    | 1    | ł    |         | į    |      | 1     | ł    |       |      | 8         |                    | i           | 1          |     | ;          | ł          |                  |
| rse Lievel         |           |              | 1       | ÷    | 1    |      |         | -    | -    |       |      | ÷     | 2    | 8         | ÷                  | 1           | ł          | ÷   | ÷          | ÷          |                  |
| & Shotcrete Pile   | Walls     | TOF          | 0 00    | ID'C |      | se i | ev      | el : | ÷    | ÷     | ÷    | ÷     | 1    | 8         |                    | ÷           | 1          | ł   | i          | ÷          |                  |
| Macy's Mens fro    | ) (       | THE OWNER    |         | 1    | 1    | 1    |         |      | 1    | ÷     | ÷    | ł     | 24.2 | 8         |                    | ł           | 1          |     |            | ÷          |                  |
|                    |           | 1,2026.1     |         |      |      |      |         |      |      |       |      |       | -    | 2         | ų.                 | - <u></u> - |            |     |            |            |                  |
| Wales & Struts     |           | N. N. H.     | e Lei   | vel  | 1    |      |         |      |      |       | 1    | į     | 200  | $\otimes$ |                    | ł           | į          |     |            | 1          |                  |
| evel & Expose W    |           |              |         | 1    |      | i    |         | į    |      |       |      | ļ     | 1    | $\otimes$ | į                  | i           | į          |     |            |            |                  |
| e & Shotcrete Pile |           | 202004       |         |      |      | ter  | me      | lial | ete  | evel  |      |       | 1    | 8         |                    | -           | ;          | ÷   |            | ł          |                  |
| nl Struts & Wale   | s - Inter | medi         | ale L   | ev   | eľ   | 1    | ÷       | -    | ;    | 1     | 1    | -     |      | 8         | ÷                  | ÷           | ÷          | ÷   | ł          | ÷          |                  |
| ul Level 1 & Expo  |           | 0000         |         | 1    | :    | -    | :       | 1    | :    | 1     | 1    | 1     | 200  | $\otimes$ | ł                  |             |            | Ì   | ĺ          | 1          |                  |
| orary Struts - Lev |           |              |         | 1    | 1    | 1    |         | -1-  | 1    |       | - 1- | 11    |      | 8         | - 1-               | 1           |            |     | •••••      | -1-        | • •              |
| evel & Expose V    |           | nde          | :       | 1    | 1    | :    | 1       | 1    | 1    | 1     |      | :     |      | 8         | 1                  |             |            |     | ÷          | 1          |                  |
| ain Pipe & Sholor  |           |              | in int  | i    | ind  | link | 1       |      | -    | 1     | 1    |       |      | 8         | 1                  |             |            |     |            | 1          |                  |
| an Pipe & Shotci   | ete pile  | <b>VV</b> al | is me   | en   | nea  | late | e çe    | iqve | to I | Męz   | zar  | line  | 1    | 8         | ÷                  |             | 1          | 1   |            | 1          |                  |
| Permanent Struts   |           |              |         |      |      |      | rel     | 1    |      | i     | -    | 1     | 1    | 8         | -                  | 1           | 1          | ÷   | 1          | 1          |                  |
| ary Strut Level 2  |           |              |         |      |      |      |         | .i.  |      |       |      |       |      | 8         | d.                 |             | . <u>.</u> |     |            | Ц.,        |                  |
| esh, Drain Pipe 8  | Shotc     | ete P        | 'ile V  | Vall | Is¦N | iez: | zạn     | ine  | to 1 | Te¦m  | p'S  | strul | į.   | evel      | 2                  | 1           | 1          | 1   | 1          | 1          |                  |
| ad Temporary SI    | truts - L | evel 2       | 2 :     | ;    | 1    | 1    | 1       | 1    | 1    | 1     | ÷    | 1     | Ś    | 8         |                    |             |            | 1   |            |            |                  |
| latform Level Ex   |           |              |         | ie   |      | 1    |         |      | 1    |       |      |       | 2    |           |                    |             |            | ;   |            |            |                  |
| ls, Mesh, Drain P  |           |              |         |      | ew   | Vall | sin     | PI   | atto | rm I  | eve  | 1     | 3    | 8         |                    |             |            | į.  | ÷          |            |                  |
| Preload Perman     |           |              |         |      |      |      |         |      |      | T     | 1    |       | 家    |           | ÷                  | i.          | 1          | ÷   | ł          | ÷          |                  |
| le to Temporary    |           |              |         |      |      |      |         |      |      |       |      |       | 1    | 8         | - <del>{</del> - ; | ÷           |            | ·   | -÷-        | ·          | • •              |
|                    |           |              |         |      |      |      |         |      |      | :     | -    | 1     | 1    | 8         |                    | ÷           | ÷          | ÷   | 1          | 1          |                  |
| ove Tunnel Liner   |           |              |         |      |      |      |         | eve  | 8    | :     | -    | :     | X    | 2.2       | ÷                  |             | 1          | Ť.  | 1          |            |                  |
| avate to Boltom o  |           | N. S. 74     |         | 2    |      | lan  | ige     | 1    | -    | 1     | 1    | 1     | 18   | 8         | ł                  |             | i          | 1   | 1          |            |                  |
| Install Platform   |           |              |         | lea  | ms   | 1    | 1       | 1    | 1    | 1     |      | 1     | 8    | 88        | 1                  |             |            |     |            |            |                  |
| Form/Rebar         | /Pour I   | iver         | Slab    | 1    | 1    | 1    |         | 1    | -    | 1     | 1    |       | 18   | 2         |                    | 1           | 1          | ł   | 1          | ÷          |                  |
| Removė T           | empor     | iry Su       | ippor   | ti   | eve  | 13   | 1       | T    | 1    |       | 1.   | 1     | 3    | 8         | 1.                 | 1           | Ť          | Ť   | -1         | · ; · ·    | 1                |
| Waterpr            | oof / F   | m            | Reha    | ir / | Po   | ur I | Åre     | hite | ech  | ral   | wa   | lis I | S.   | hall      | )<br>min           | St          | ů,         | i.  | el         | 1          |                  |
| Remov              |           |              |         |      |      |      |         | 1    | i    |       | 1    |       |      | gu        | 2011               | 1           | 41         | -çv | 1          | 1          |                  |
|                    | Naterp    |              |         |      |      |      |         |      | 14   |       |      | -     | 18   | 2         | j.                 |             | 1          |     |            | <u>]</u> . |                  |
|                    |           |              |         |      |      |      |         |      |      |       |      |       | 18   | in S      | io N               | lez<br>¦    | zan        | ine | Lev        | vel        |                  |
| ♦ Access           |           |              |         |      |      |      |         |      |      |       |      |       | 8    | ä.,       | . Į                | į.,         | £.,        | .į. | . <b>.</b> | 4          | -                |
|                    | Insta     | 1 Dec        | k/F     | orr  | m/   | Rel  | bar     | P    | oùr  | M     | eżza | anir  | e    | eve       | S                  | ąb          |            | ÷   | 1          |            |                  |
|                    |           | 7/Fel        |         |      |      |      |         |      |      |       | Nall | s     | 12   | 8         | ;                  | :           | ;          | 1   | 1          | ÷          |                  |
|                    | Ren       | nove         | Tem     | por  | ary  | Su   | ppo     | rt L | eve  | el; 1 | 1    | :     | 13   | 5         | :                  | :           | :          | 1   | ÷          | ÷          |                  |
|                    | 🧵 İns     | all De       | eck /   | Fo   | rm.  | R    | eba     | r./1 | Pbu  | r'Y F | Pial | orn   | 68   | 2         | ;                  | ;           | ;          | ÷   | :          | 1          | 1                |
| 1110               |           | Wate         |         |      |      |      |         |      |      |       |      |       |      | ellin     | a<br>i v           | Vali        | s ir       | In  | tern       | hed        | 1                |
|                    |           | Install      |         |      |      |      |         |      |      |       |      |       | 8    | 8         |                    | :           |            | 1   | 11         | 1.00       | 1                |
|                    | + Pla     |              |         |      |      |      |         |      |      |       |      |       | 3    | L         | 1                  |             |            | 1   | 1          |            |                  |
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|                    |           |              |         |      |      |      |         |      |      |       |      |       |      |           |                    |             |            |     |            |            |                  |
| -                  | Terf      |              |         |      |      |      |         | ~    | _    |       | ~    |       |      |           |                    |             |            |     |            |            |                  |
|                    | Tut       | or·          | ·P      | e    | rII  | n    | 1 (     | ) ز  | or   | p     | 0    | ra    | lt   | 10        | n                  |             |            |     |            |            | L                |
|                    |           |              |         |      |      |      |         |      |      | •     |      |       |      |           |                    |             |            |     |            |            |                  |
|                    |           |              |         |      |      |      |         |      |      |       |      |       |      |           |                    |             |            |     |            |            |                  |
|                    |           |              |         |      |      |      |         |      |      |       |      |       |      |           |                    |             |            |     |            |            |                  |
|                    |           |              |         |      |      | _    |         |      | _    | _     |      |       |      |           |                    |             |            |     |            |            |                  |

|                       | Activity Scope   | Original Start<br>Duration  | Finish  | 2013<br>2014<br>2015<br>2014<br>2015<br>2016<br>2016<br>2016<br>2016<br>2016  |
|-----------------------|--|---|---|---|
| 112 1280              | Install Platform Level Electrical Systems  | 90 12-Oct-16  | 21-Feb-17   |   |
| U3.1280<br>U3.1230    | Install Deck / Form / Rebar / Pour / Intermediate Level Slab   | 30 19-Oct-16  | 02-Dec-16   |   |
| UIM-100               | Water Available for CN 1256 for Fire Hydrant Line  | 0   | 09-Nov-16   |   |
| U3.1240               | Waterproof / Form / Rebar / Pour /Architectural Walls to Concourse Level   | 30 05-Dec-16  | 17-Jan-17   |   |
| U3.1270               | Install Platform Level HVAC  | 40 05-Dec-16  | 31-Jan-17   |   |
| U3.1250               | Install Deck / Form / Rebar / Pour / Concourse Level Slab  | 20 19-Dec-16  | 17-Jan-17   |   |
| UIM-80                | Power For Tunnel Lighting Available for CN 1256  | 0   | 11-Jan-17   |   |
| U3.1390               | F/R/P Architectural Concrete Concourse level   | 30 18-Jan-17  | 28-Feb-17   |   |
| U3.1040               | Install Platform Level Architectural Finishes  | 120 18-Jan-17   | 06-Jul-17   |   |
| U3.1290               | Install Platform Level Signage & Communication   | 60 22-Feb-17  | 16-May-17   |   |
| U3.1440               | Install Platform Level Elevators   | 90 15-Mar-17  | 20-Jul-17   |   |
| U3.1070               | Install Platform Level Escalators  | 90 15-Mar-17  | 20-Jul-17   |   |
| U3.1400               | Install Concourse Level Architectural Finishes   | 90 24-May-17  | 29-Sep-17   |   |
| UIM-90                | Gap Breaker Testing Complete & Gap Breaker Equipment Available for CN 1256   | 0'  | 21-Jun-17   |   |
| UIM-40                | Train Control Rooms Ready for CN 1256  | 0:  | 06-Jul-17   |   |
|                       | A REAL PROPERTY AND A REAL | 885 22-Oct-13   | 13-Mar-17   |   |
| O'Farrell             | Street - Access Shaft  | 10 70 0 10  | 10111-10  |   |
| U1.300                | Install Observation Wells in O'Farrell St  | 10 22-Oct-13  | 04-Nov-13   | 🖬 nstáll Observátlon Wells in O'Farrell St  |
| U1.310                | Install Extensometers in O'Farrell St  | 10 22-Oct-13  | 04-Nov-13   | D nefall Extensioneters in O'Farrell St   |
| U1.190                | Establish Compensation Grouting Shaft O'Farrell St South   | 10: 02-Jan-14   | 15-Jan-14   | Establish:Compensation Grouling Shaft O'Farrell St South  |
| U1.210                | Establish Compensation Grouling Shaft O'Farrell St North   | 10 16-Jan-14  | 29-Jan-14   | Establish Compensation Grouting Shaft O'Farrell St North  |
| U1.280                | Install Compensation Grouting Tubes - O'Farrell St South   | 20 16-Jan-14  | 12-Feb-14   | 👘 Install Compensation Grouting Tubes - O'Farrell St South  |
| U1.200                | Install Piles @ Access Shaft #2 (O'Farrell)  | 10 21-Jan-14  | 03-Feb-14   | 📄 Install Piles @ Access Shall #2 (OF arrell)   |
| U1.240                | Install Sheet Piles @ Access Shaft #2 (O'Farrell)  | 10 04-Feb-14  | 17-Feb-14   | 🔲 Install Sheet, Piles @ Access Shaft #2 (O'Parrell)  |
| U1.290                | Install Compensation Grouting Tubes O'Farrell St North   | 20 13-Feb-14  | 12-Mar-14   | Install Compensation Grouing Tubes: O'Farrell St North  |
| U1.250                | Excavate, Lag & Support @ Access Shaft #2 (O'Farrell)  | 10 18-Feb-14  | 03-Mar-14   | Excavate. Lag.& Support @ Access Shaft #2 (O'Farrell)   |
| U1.260                | Install Temporary Lid @ Access Shaft #2 (O'Farrell)  | 10 04-Mar-14  | 17-Mar-14   | 🔲 🛛 İnştall Temporary Lid @ Aboess Şhait #2 (Q'Farrell)   |
| U2.560                | Install Spiling @ Access Shaft #2 & Excavate to Pile Face  | 5 17-Sep-14   | 23-Sep-14   | D Instal Spiling @ Access Shaft #2 & Excavate to file Face  |
| U3.710                | Break Through Battered Piles & Frame Construction Access #2  | 10 15-Jan-15  | 28-Jan-15   | D. Break Through Baltered Piles & prame Const   |
| U3.1450               | Form / Rebar / Pour / Stair Shaft 3 & 4 Slab On Grade  | 10 03-Jan-17  | 16-Jan-17   |   |
| U3,1460               | Form / Rebar / Pour / Stairs 3 & 4   | 10 17-Jan-17  | 30-Jan-17   |   |
| U3.1470               | Form / Rebar / Pour / Stairs Shaft 3 & 4 Walls   | 10 31-Jan-17  | 13-Feb-17   |   |
| U3.1480               | Form / Rebar / Pour / Stairs Shaft 3 & 4 Roof  | 10 14-Feb-17  | 27-Feb-17   |   |
| U3.1490               | Install Stairs Shaft 3 & 4 Access Doors  | 10 28-Feb-17  | 13-Mar-17   |   |
| and the second second |  | 105 06-Jan-14   | 30-May-14   |   |
| Ellis Stre            |  |   |   |   |
| U2.300                | Close North Side of Ellis St.  | 2 06-Jan-14   | 07-Jan-14   | I Close North Side of Ellis St  |
| U2.510                | Install Compensation Grouting Tubes from Ellis St shaft  | 30 08-Jan-14  | 18-Feb-14   | Install Compensation Grouting Tubes from Ellis St shaft   |
| U2.370                | Install Type D Piles - North Side Ellis St Access Shaft #1 & Stockton St to Sta 137+00   | 10 19-Feb-14  | 04-Mar-14   | 1000  |
| U2.400                | Close South Side of Ellis St.  | 2 05-Mar-14   | 06-Mar-14   | I Cloše South Side of Ellis St<br>I Instalt Type Ø P(les:- South Side Ellis St Access Shaft #1 & Stockton Market Inte |
| U2.420                | Install Type D Piles - South Side Ellis St Access Shaft #1 & Stockton/Market Intersection  | 10 07-Mar-14  | 20-Mar-14   | <ul> <li>Install Type D Prices - South Side Ellis St Access Shart #1 &amp; Stocklon Warket Inter</li> </ul>           |
| U2.470                | Install New 18" Sewer Main - South Side Ellis St   | 10 21-Mar-14  | 03-Apr-14   | install New 18 <sup>4</sup> Sewer Main Sputh Side Ellis St  |
| U2.460                | Install New 8" Water Main - South Side Ellis St  | 10 04-Apr-14  | 17-Apr-14   | Install New 8" Water Main; South Side Ellis St  |
| U2.440                | Excavate & Install Roof Beams -Stockton/Market Intersection  | 2 18-Apr-14   | 19-Apr-14   | I Excavate & Install Roof Seams - Stockton/Market Intersection  |
| U2.430                | Full Closure of Ellis St.  | 14 18-Apr-14  | 01-May-14   | 🔲 Full Closure of Ellis S   |
| U2.450                | Install Roof Deck & Place Concrete -Stockton/Market Intersection   | 5 20-Apr-14   | 24-Apr-14   | II: Install Roof Deck & Place Concrete Stocklon/Market Intersection   |
| U2.480                | Install Utilities & Backfill -Stockton/Market Intersection   | 4 25-Apr-14   | 28-Apr-14   | Install Utilities & Back n Stockton/Market Intersection   |
| U2.530                | Place Curb & Gutter - Stockton/Market Intersection   | 2 29-Apr-14   | 30-Apr-14   | Place Curb & Gutter Stockton/Market Intersection  |
| U2.570                | Pave -Stockton/Market Intersection   | 1 01-May-14   | 01-May-14   | 1 Rave -Stockton/Market Intersection  |
| U2.730                | Re-Open Ellis St & Stockton/Market Intersection  | 0   | 01-May-14   | Re-Open Ellis SI & Sjockton/Market Intersection   |
| U2.720                | Place Deck Beams & Excavate/Support Ellis St   | 20 02-May-14  | 30-May-14   | Place Deck Beams & Excavate/Support Ellis St  |
|                       |  | 677 02-Jun-14   | 03-Jan-17   |   |
| South Er              | ntrance (Ellis)  |   |   | Demailed Court Structured & Einstein  |
| U2.1030               | Demolish South Entrance Structural & Finishes  | 20 02-Jun-14  | 27-Jun-14   | Demolish South Entrance Structural & Finishes   |
| U3.750                | Form/Rebar/Pour South Entrance Slab  | 20 30-Jun-14  | 28-Jul-14   |   |
| U3.1530               | Form/Rebar/Pour South Entrance Walls   | 20 29-Jul-14  | 25-Aug-14   | Form/Rabar Potr South Entrance Walls  |
| U3.1540               | Form/Rebar/Pour South Entrance Roof Deck   | 20 26-Aug-14  | 23-Sep-14   | Forn/Rebar/Pour South Entrance Roof Deck  |
| U3.760                | Construct South Entrance Electrical Rm   | 15 24-Sep-14  | 14-Oct-14   | Constituct South Entrance Electrical Rm   |
| U3.940                | Install South Entrance Escalators  | 20 13-Jul-16  | 09-Aug-16   |   |
| U3.930                | Install South Entrance Architectural Finishes  | 20 10-Aug-16  | 07-Sep-16   |   |
| U3.1500               | Install South Entrance Electrical  | 30 17-Nov-16  | 03-Jan-17   |   |
| South C               | oncourse   | 734 31-Ju-14  | 23- Nery-17   |   |
|                       |  | 27 31-Jul-14  | 08-Sep-14   | install Sype C:Pile Wall - 54ea @ 2/Day West Side   |
| U3.410                | Install Type C Pile Wall - 54ea @ 2/Day West Side  | A set of the second property of   | and the second se | Construct Guidewalls East Side  |
| U3.412                | Construct Guidewalls East Side   | 10 09-Sep-14<br>27 23-Sep-14  | 22-Sep-14<br>29-Oct-14  | 📑 Iestali Type C Pile Wall - 54 ea @2/Day East Side   |
|                       | Install Type C Pile Wall - 54 ea @2/Day East Side  | a second s | 05-Nov-14   | D Excavale & Install Roof Beams Stockton St to Sta 137+   |
| U3.440                | Excavate & Install Roof Beams Stockton Si to Sta 137+00  | 5 30-Ocl-14   | 004100-14   |   |
| U2.740                |  |   |   | SFMTA - Central Subway  |
|                       | 24-Apr-13 Plot Date  |   |   | SI MIA - Central Susway   |
|                       | 24-Apr-13 Plot Date<br>18-Apr-13 Data Date   |   |   | Contract 1300   |
|                       |  |   |   | -   |

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| ctivity ID          | Activity Scope   | Original Start<br>Duration     | Finish                 | 2013 2014 2016<br>JJJASONDJFMAMJJASONDJFMAMJJASOND   | 2016 2017 2017<br>21FMAMJJJASONIS JEMAMJJJASCIND JEMA                           |
|---------------------|--|--------------------------------|------------------------|--|---|
| U2.750              | Deck, Form, Rebar, Pour - Stockton St to Sta 137+00  | 7 06-Nov-14                    | 17-Nov-14              | Depk, Form, Rebar, Pour - Stockion St & Sta  | 137+00  |
| U2.760              | Backfill & Temp Restore - Stockton St to Sta 137+00  | 5 18-Nov-14                    | 24-Nov-14              | Backfill & Temp Restore - Stockton St of Sa  |   |
| U3.900              | Excavate & Install South Concourse Roof Beams Sta 137+00 to 136+50                                       | 3 25-Nov-14                    | 02-Jan-15              | Excavate & Install South Concourse Ro  | Di Beams Sta 13/+00 to 136450   |
| U3.920              | Form / Rebar / Pour South Concourse Roof Slab - Sta 137+00 to 136+50                                     | 7 05-Jan-15<br>5 14-Jan-15     | 13-Jan-15<br>20-Jan-15 | Backfill, Secure Utilities, Temp Rester  | e Street - Sta 187+00 to 136+50   |
| U3.700<br>U3.650    | Backfill, Secure Utilities, Temp Restore Street - Sta 137+00 to 136+50<br>Open Ellis Street Access Shaft | 2 21-Jan-15                    | 20-Jan-15<br>22-Jan-15 | 1: Open Ellis Street Access Shaft  |   |
| U3.910              | Excavale & Install South Concourse Roof Beams Sta 136+50 to 136+00                                       | 3 21-Jan-15                    | 23-Jan-15              | I Excavate & Install South Concourse   | obf Beams Sta 136+50 to 136+00  |
| U3.1370             | Form / Rebar / Pour South Concourse Roof Slab - Sta 136+50 to 136+00                                     | 7 26-Jan-15                    | 03-Feb-15              | B Forth / Rebar / Pour South Concours  | e Roof Slab - Sta 136+50 to 136+00  |
| U3.770              | Backfill, Secure Utilities, Temp Restore Street - Sta 136+50 to 136+00                                   | 5 04-Feb-15                    | 10-Feb-15              | 🗍 🛛 🖉 🖉 🖉 🖉 🖉  |   |
| U3.1380             | Excavate & Install South Concourse Roof Beams Sta 136+00 to 135+50                                       | 3 11-Feb-15                    | 13-Feb-15              | Excavate & Install South Concourse   |   |
| U3.1410             | Form / Rebar / Pour South Concourse Roof Slab - Sta 136+00 to 135+50                                     | 7 16-Feb-15                    | 24-Feb-15              | D Form / Rebar / Pour South Conco  |   |
| U3.790              | Backfill, Secure Utilities, Temp Restore Street - Sta 136+00 to 135+50                                   | 5 25-Feb-15                    | 03-Mar-15              |  | storé Street - Šta 136+00 to 135+00   |
| U3.1420             | Excavate & Install South Concourse Roof Beams Sta 135+50 to 134+82                                       | 3 04-Mar-15                    | 06-Mar-15              |  | se Roof Beams Sta 135+50 to 134+82  |
| U3.1430             | Form / Rebar / Pour South Concourse Roof Slab - Sta 135+50 to 134+82                                     | 7 09-Mar-15<br>5 18-Mar-15     | 17-Mar-15<br>24-Mar-15 | B Backfill Secured Hibbles Terrio  | ourse Roof Stab - Sta 135+50 to 134+82<br>Restore Street - Sta 135+50 to 134+82 |
| U3.890<br>U3.660    | Backfill, Secure Utilities, Temp Restore Street - Sta 135+50 to 134+82<br>Excavate South Concourse       | 12 25-Mar-15                   | 09-Apr-15              | i backini, peque onnes, jano   |   |
| U3.670              | Form/Rebar/Pour South Concourse Slab   | 30 05-Ocl-16                   | 18-Nov-16              |  | Form/Rebar/Pour South Concourse Slab  |
| U3.1310             | F/R/P South Concourse Walls  | 30 17-Nov-16                   | 03-Jan-17              |  | F/R/P South Condourse Walls   |
| U3,1320             | Install South Concourse Architectural Finishes   | 90 18-Jan-17                   | 23-May-17              |  | Install South Concourse Architectura  |
| Contract of the     | oncourse   | 894 03-Feb-14                  | 06-Jul-17              |  |   |
| U3.442              | Ulility Relocations for North Bulkhead Penetrations  | 20 03-Feb-14                   | 28-Feb-14              | Utililly Relocations for North Bulkhead Perjetrations  |   |
| U3.422              | Construct Guidewalls West Side   | 10 31-Jul-14                   | 13-Aug-14              | Construct Guldewalls Wes Side  |   |
| J3.470              | Install Type A Pile Wall 15 ea @ 2/ Day  | 8 21-Aug-14                    | 02-Sep-14              | 🔟 Install Type A Pile Wall 15 ea @ 2/;Day  |   |
| U3.480              | Install Type A Piles (Geary Street) 70 ea @ 12/Weekend   | 30 21-Aug-14                   | 02-Oct-14              | hstolkType A Piles (Geary Street) 70 ea @ 12yye  | skenid  |
| J3.432              | Construct Guidewalls East Side   | 10 03-Sep-14                   | 16-Sep-14              | Construct Guidewalls East Side   |   |
| U3.500              | Install Type A Pile Wall 15 ea @ 2/Day   | 8 17-Sep-14                    | 26-Sep-14              | D: Instal Type A Rile Wall 15 ea @ 2/Day   |   |
| U3.510              | Install Temporary Deck & Support Utilities   | 30 09-Oct-14                   | 20-Nov-14              | ristali Temporary Deck & Support Utilities   | Geary St (/2 W/F)   |
| J3.530              | Install Temporary Deck & Support Utilities @ Geary St ( 2 W/E)   | 10 13-Nov-14<br>5 01-Jun-15    | 26-Nov-14<br>05-Jun-15 | I install remporary Deck & Support Julies @  |   |
| J3.520<br>J3.950    | Excavate For Roof Beams<br>Install North Concourse Roof Beams & Framing                                  | 20 08-Jun-15                   | 06-Jul-15              |  | rise Rodf Bearths & Framing   |
| J3.950<br>J3.960    | Form / Rebar / Pour North Concourse Roof Slab  | 30 07-Jul-15                   | 17-Aug-15              |  | Pour North Concourse Roof Slab  |
| J3.780              | Backfill, Install Utilities & Restore Street   | 15 18-Aug-15                   | 08-Sep-15              |  | I Utilities & Restore Street  |
| J3.1090             | Excavate North Concourse   | 20 18-Aug-15                   | 15-Sep-15              | Excavate No  | rth Concourse   |
| U2.710              | Install Compensation Grout tubing NE Corner Geary/Stockton From Inside North Concourse                   | 10 16-Sep-15                   | 29-Sep-15              |  | ipensation Grout tubing NE Come Geary/Stockton From Inside North Cones, rise    |
| U3.1100             | Install Permanent Struts & Wales - Concourse Level   | 30 16-Sep-15                   | 27-Oct-15              | hista P  | ermanent Struts & Wales - Coricourse Level                                      |
| U3.1110             | Dewater to 10 Ft Below Bottom of Excavation & Maintain   | 10 14-Oct-15                   | 27-Oct-15              | Elewale  | to 10 Ft Below Bottom of Excavation & Maintain                                  |
| U3.1120             | Excavate to Bottom of North Concourse Slab (Intermediate Level)  | 10 28-Oct-15                   | 11-Nov-15              |  | ate to Bottom of North Concourse State (Intermediate Level)                     |
| U3.1140             | Construct North Concourse Slab   | 20 12-Nov-15                   | 11-Dec-15              | / · · · · · · · · · · · · · · · · · · ·  | nstruct North Concourse Slab  |
| U3.1130             | Install Mesh & Shotcrete - Pile Walls  | 10 14-Dec-15                   | 28-Dec-15              |  | Istall Mesh & Slidtcréte - Pile Walls   |
| U3.1330             | F/R/P North Concourse Walls  | 30 18-Jan-17<br>90 01-Mar-17   | 28-Feb-17<br>06-Jul-17 |  | F/R/P North Céncéurse Walls   |
| U3.1340<br>Geary St | Install North Concourse Architectural Finishes   | 30 13-Mar-14                   | 23-Apr-14              |  | Install North Concourse Architec  |
|                     |  | 30 13-Mar-14                   | 23-Apr-14              | Instal Compensation grout Tubing from Geary St Basement Shart  |   |
| U2.690              | Install Compensation Grout Tubing from Geary St Basement Shaft treet Station Entrance                    | 562 29-Jul-14                  | 21-Sep-16              |  |   |
|                     |  |                                |                        | Demo Fot Elevator Installation Powell St Station   |   |
| U3.1510             | Demo For Elevator Installation Powell St Station   | 15 29-Jul-14                   | 18-Aug-14              |  | instal Elevator Powell St Station   |
| J3.1520             | Install Elevator Powell St Station   | 50 13-Jul-16<br>1185 29-Jul-13 | 21-Sep-16<br>09-Feb-18 |  |   |
| oscon               | e - YBM-1255   | 1103128-301-15                 | D3-P8D-IM              |  |   |
| II L.ocat           | ions   | 442 29-Jul-13                  | 98-Apr-15              |  |   |
| Y.1.330             | Mobilization   | 30 29-Jul-13                   | 09-Sep-13              | mi Mobilization  |   |
| 1.380               | Geotechnical System Submittals & Approvals   | 55 29-Jul-13                   | 14-Oct-13              | Geoléchnical System Submittals & Approva   |   |
| .1.350              | Obtain Permits   | 60 29-Jul-13                   | 21-Oct-13              | Geole Annical System Submittals & Approvals     Optain Permits     Conduct Preconstruction Survey  |   |
| .1.345              | Conduct Preconstruction Survey   | 60 29-Jul-13                   | 21-Oct-13              | Conduct Preconstruction Survey   |   |
| .1.600              | Remove Hazardous Tanks & Sample Analysis Completed   | 60 29-Jul-13                   | 21-Ocl-13              | Remove Hazardous Tanks & Sample Analysis Completed   |   |
| .1.340              | Non-Technical Submittals   | 60 29-Jul-13                   | 21-Oct-13              | Reg. echnidal Şubmittals     Engineering Şubmittals  |   |
| 1.360               | Engineering Submittals   | 180 29-Jul-13                  | 14-Apr-14              | Engineering Submittais   |   |
| 1.590               | Perform Environmental Soll Borings & Secure Disposal Sile<br>Perform Archaeological Geoprobing           | 55 26-Aug-13<br>60 04-Sep-13   | 12-Nov-13<br>27-Nov-13 | Fe form Environmental Soll Borings & Secure Disposal Sile<br>Partorni Archaeological Geoprobing<br>Tratic & Pedesinan Control Plan Approval<br>Install:Instrumentation |   |
| .1.580<br>.1.170    | Traific & Pedestrian Control Plan Approval   | 21 01-Oct-13                   | 21-Oct-13              | Train & Pedestrian Control Plan Approval   |   |
| .1.570              | Install Instrumentation  | 20 22-Oct-13                   | 19-Nov-13              | Install Instrumentation  |   |
| .3.1540             | Utility Demolition   | 20 22-Oct-13                   | 19-Nov-13              | 🔲 Ulijity Demolition   |   |
| 1.1.610             | Complete Potholing @ 4th & Howard for 96" Force Main ( 120 days prior to work)                           | 20, 22-Oct-13                  | 19-Nov-13              | Complete Potholing @ 4th & Howard fo 96' Force Main ( 120 days pripr to work   |   |
| 1.710               | Instrumentation Baseline Period  | 60 20-Nov-13                   | 18-Jan-14              | Instrumentation Baseline Period  |   |
|                     | 24-Apr-13 Plot Date  |                                | _                      | SFMTA - Central Subway   |   |
|                     | 18-Apr-13 Data Date  |                                |                        | Contract 1200  |   |
|                     |  |                                |                        | Contract 1300  | Tutor-Perini Corporation  |
|                     | 8 of 11  |                                |                        | Proposal Schedule  |   |
|                     | 0.01.11  |                                |                        | Floposal ochedule  |   |

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| ivity ID         | Activity Scope   |       | Original Start<br>Duration   | Finish                 | 2013<br>JJASOND | 2014                                  | 2015<br>DJFMAMJJABONDJFM/                |
|------------------|--|-------|------------------------------|------------------------|-----------------|---------------------------------------|--|
| Y.1.180          | Close West Half of 4th Street  |       | 1 02-Jan-14                  | 02-Jan-14              |                 | Close West Half of 4th Street         |  |
| Y.3.1530         | Site Demolition  |       | 20 02-Jan-14                 | 29-Jan-14              |                 | Site Demolition                       |  |
| YIM-35           | (YBM) Tunnel Equipment Removed by CN 1252 Contractor (NTP+620 cd)                                    |       | 0 08-Apr-15                  | 1                      |                 |                                       | YBM) Tunnel Equipment Removed by         |
| HeadHo           | use  |       | 1154 09-Sep-13               | 09-Feb-18              |                 |                                       |  |
| Y.IM-40          | Headwalls Completed by CN 1252 No earlier than NTP + 45cd  |       | 0                            | 09-Sep-13              | + Headwails     | Completed by CN 1252 No earlier that  | NTP + 45cd                               |
| Y.1.390          | Install Slurry Wall Test Barrette TB-1   |       | 5 20-Jan-14                  | 24-Jan-14              |                 | II: Install Slurry Well Test Barrelle |  |
| Y.1.630          | Post Grout & Cure Slurry Wall Test Barrette TB-1   |       | 10 27-Jan-14                 | 07-Feb-14              |                 | Post Grouf & Cure Slurry Wall         |  |
| Y.1.640          | Load Test Siurry Wall Test Barrette TB-1   |       | 5 10-Feb-14                  | 14-Feb-14              |                 | Load Test Slurry Wall Test Bat        |  |
| (.1.650          | Install Sturry Wall Test Barrette TB-2   | 1.201 | 5 17-Feb-14                  | 21-Feb-14              |                 | Install Slurry Wall Test Barre b      | B-2                                      |
| Y.1.660          | Post Grout & Cure Slurry Wall Test Barrette TB-2   |       | 10 24-Feb-14                 | 07-Mar-14              |                 | Post Grout & Cure Slurry Wa           |  |
| Y.1.670          | Load Test Slurry Wall Test Barrette TB-2   | 1.131 | 5 10-Mar-14                  | 14-Mar-14              |                 | Load Test Slurry Wall Test            |  |
| Y.1.190          | Install North, West & Center Slurry Wali   |       | 60 17-Mar-14                 | 09-Jun-14              |                 |                                       | & Center Slurry Wall                     |
| Y.1.200          | Post Grout & Testing North, West & Center Slurry Wall  |       | 10 10-Jun-14                 | 23-Jun-14              |                 |                                       | ting North, West & Center Sturry Wall    |
| Y.1.210          | Install Headhouse Slurry Walls   |       | 51 24-Jun-14                 | 04-Sep-14              |                 | <b>Essenti</b> Instali III            | alihouse Siúrry Walls                    |
| Y.1.220          | Shore & Excavate for Roof Slab   |       | 20 05-Sep-14                 | 02-Oct-14              |                 | Shore                                 | 8 Excavate for Roof Slab                 |
| Y.1.240          | Backfill & Utilities West Half Roof Slab   |       | 30 15-Ocl-14                 | 26-Nov-14              |                 |                                       | Packfill & Ufilities West Half Roof Slab |
| Y.1.250          | Move Traffic to West Half of 4th Street  |       | 1 02-Jan-15                  | 02-Jan-15              |                 |                                       | Nove Traffic to West Half of 4th Steel   |
| 1.320            | Excavate Headhouse to Temp Strut Level 1 & Install Struts  |       | 15 06-Aug-15                 | 26-Aug-15              |                 |                                       | Excavate Headhouse to                    |
| .1.480           | Excavate Headhouse to Invert Level   |       | 20 13-Jun-16                 | 11-Jul-16              | -               |                                       |  |
| .1.485           | F/R/P Headhouse Invert Level Slab  |       | 25 05-Jul-16                 | 08-Aug-16              |                 |                                       |  |
| 1.510            | F/R/P Headhouse Concourse Level Slab   |       | 30 14-Sep-16<br>20 26-Oct-16 | 25-Oct-16<br>23-Nov-16 |                 |                                       |  |
| 1.520            | Shotcrete,Waterproof,F/R/P Concourse Level Walis & Columns<br>F/R/P Headhouse Mezzanine Level Slab   |       | 30 28-Nov-16                 | 10-jan-17              |                 |                                       |  |
| .1.530<br>.4.485 | Install Headhouse HVAC   |       | 66 28-Nov-16                 | 01-Mar-17              |                 |                                       |  |
| .4.485           | Install Headhouse Electrical   |       | 90 28-Nov-16                 | 04-Apr-17              |                 |                                       |  |
| 1.1.540          | Shotcrete, Waterproof, F/R/P Mezzanine Level Walls & Columns   |       | 20 11-Jan-17                 | 07-Feb-17              |                 |                                       |  |
| .4.455           | Set Headhouse Escalator Trusses  |       | 10 08-Feb-17                 | 21-Feb-17              |                 |                                       |  |
| .4.475           | Architectural Finishes Platform Level  | -     | 30 08-Feb-17                 | 21-Mar-17              |                 |                                       |  |
| Y.4.505          | Install Elevators  |       | 90 08-Feb-17                 | 14-Jun-17              |                 |                                       |  |
| 1.4.435          | Install Train Control Equipment - Main Electrical Room   |       | 15 22-Feb-17                 | 14-Mar-17              |                 |                                       |  |
| Y.4.465          | Assemble Escalators  |       | 90 22-Feb-17                 | 28-Jun-17              |                 |                                       |  |
| 4.555            | Architectural Finishes Concourse Level   |       | 90 08-Mar-17                 | 13-Jul-17              |                 |                                       |  |
| Y.IM-30          | Communications Rooms Ready for CN 1256   |       | 0                            | 14-Mar-17              |                 |                                       |  |
| Y.4.425          | Install Traction Power Equipment   |       | 10 22-Mar-17                 | 04-Apr-17              |                 |                                       |  |
| 1.4.565          | Architectural Finishes Intermediate Level  |       | 90 19-Apr-17                 | 24-Aug-17              |                 |                                       |  |
| Y.4.585          | Architectural Finishes Mezzanine Level   |       | 90 15-Jun-17                 | 20-Oct-17              |                 |                                       |  |
| 4.605            | Architectural Finishes Surface Level   |       | 90 11-Aug-17                 | 20-Dec-17              |                 |                                       | 8  |
| .4.545           | Station Start-up & Testing   |       | 66 06-Nov-17                 | 09-Feb-18              |                 |                                       |  |
| tation F         | Platform Area  |       | 772 2/4-Jun-14               | 97-Jun-17              |                 |                                       |  |
| .1.620           | Install Compensation Grouting Tubing   |       | 30 24-Jun-14                 | 05-Aug-14              |                 |                                       | insation Grouting Tubinng                |
| 1.230            | Form/Rebar Pour West Half Roof Slab  |       | 40 19-Sep-14                 | 14-Nov-14              |                 |                                       | m/Rebar Pour West Half Roof Slab         |
| 1.260            | Install East Side Slurry Wall  |       | 41 05-Jan-15                 | 02-Mar-15              |                 |                                       | Install East Side Slumy Wall             |
| .1.270           | Post Grout & Testing East Side Slurry Wall   |       | 10 03-Mar-15                 | 16-Mar-15              |                 |                                       | Post Grout & Testing Eas Side Slurry Wal |
| .1.280           | Shore & Excavate for East Side Roof Slab   |       | 20 17-Mar-15                 | 13-Apr-15              |                 |                                       | Shore & Excavate for East Side Roof Si   |
| .1.290           | Form/Rebar Pour East Half Roof Slab  |       | 40 31-Mar-15                 | 26-May-15              |                 |                                       | Form/Rebar Pour Past Half Roof S         |
| .1.300           | Backfill & Utilities East Half Roof Slab   |       | 30 28-Apr-15                 | 09-Jun-15              |                 |                                       |  |
| .1.310           | Restore 4th Street   |       | 40 10-Jun-15                 | 05-Aug-15              |                 |                                       | Restore 4th Street                       |
| 1.370            | Excavate Station & Headhouse to Temp Strut Level 2 & Install Struts                                  |       | 20 27-Aug-15                 | 24-Sep-15              |                 |                                       | Excavate Station & He                    |
| .1.400           | Excavale Station to Mezz Level   |       | 20 25-Sep-15                 | 22-Oct-15              |                 |                                       | 📁 Ekcavate Station to                    |
| .1.405           | F/R/P Station Mezz Level Slab  |       | 15 16-Oct-15                 | 05-Nov-15              |                 |                                       | i/R/P Station Me                         |
| .1.410           | Remove Station Level 2 Struls  |       | 10 06-Nov-15                 | 20-Nov-15              |                 |                                       | Excavate Station                         |
| .1.420           | Excavate Station & Headhouse to Temp Strut Level 4 & Install Struts                                  |       | 20 23-Nov-15                 | 22-Dec-15              | -               |                                       | Shpre/Fill                               |
| .1.450           | Shore/Fill Existing Tunnels  |       | 15 23-Dec-15                 | 14-Jan-16              |                 |                                       | Exceva                                   |
| (.1.430          | Excavate Station to Concourse Level  |       | 15 15-Jan-16<br>25 05-Feb-16 | 04-Feb-16<br>10-Mar-16 |                 |                                       | F/F                                      |
| 1.700            | F/R/P Station Concourse Level Slab   |       | 10 11-Mar-16                 | 10-Mar-16<br>24-Mar-16 | ·               |                                       | R  |
| 1.440            | Remove Station Level 4 Struts<br>Excavate Station & Headhouse to Temp Strut Level 6 & Install Struts |       | 10 11-Mar-16<br>20 18-Mar-16 | 24-Mar-16<br>14-Apr-16 |                 |                                       |  |
| .1.460           |  |       | 20 15-Apr-16                 | 12-May-16              |                 |                                       | ▋ : : : : : : : : : : : : : : : : : : :  |
| 1.470            | Excavate Station to Invert Level<br>F/R/P Station Invert Level Stab                                  |       | 25 06-May-16                 | 10-Jun-16              |                 |                                       |  |
| .1.475           | Remove Level 6 Struts  |       | 10 09-Aug-16                 | 22-Aug-16              |                 |                                       |  |
| .1.490           | Shotcrete, Waterproof, F/R/P Platform Level Walis & Columns  |       | 20 16-Aug-16                 | 13-Sep-16              |                 |                                       |  |
| .1.560           | F/R/P Station Platform Concrete  |       | 60 23-Aug-16                 | 16-Nov-16              |                 |                                       |  |
| .1.680           | Shotcrete, Waterproof Concourse Level Walls  |       | 20. 14-Sep-16                | 11-Oct-16              |                 |                                       |  |
| 1.4.515          | Install Platform Electrical  |       | 90 05-Oct-16                 | 14-Feb-17              |                 |                                       |  |
|                  | 24-Apr-13 Plot Date  |       |                              |                        | SFMTA -         | Central Subway                        |  |
|                  | 18-Apr-13 Data Date  |       |                              |                        | Con             | tract 1300                            |  |
|                  | 0.011  |       |                              |                        |                 |                                       |  |
|                  | 9 of 11  |       |                              |                        | Propos          | sal Schedule                          |  |
|                  |  |       |                              |                        |                 |                                       |  |

- <u>\*</u>4

| -    |             | 20       | 16   | -    |          |         | _           |       |             | _       |      | 20    | 17          | -    | -     |          | -        |           |                | -     | 2        | 01    | 8        | _          | -     |
|------|-------------|----------|------|------|----------|---------|-------------|-------|-------------|---------|------|-------|-------------|------|-------|----------|----------|-----------|----------------|-------|----------|-------|----------|------------|-------|
| A    | M           |          |      | A    | 19       | 0       | ND          | 2     | FN          | A       | M    | J     | J           | A    | S     | 0        | N        | P         | J              | -1    | -        |       | M        | 3          | J     |
|      | -           |          |      |      |          |         | 200         |       |             | 1       |      |       |             |      | -     |          | 1        | $\propto$ | -              | -     |          |       |          |            |       |
|      |             |          |      |      |          |         |             |       |             |         | ,    |       |             |      |       |          | 1        | 88        | -              | -     | -        |       | -        |            |       |
| C    | N 12        | 252      | Co   | htra | iclo     | r (N    | TF +6       | 0 cc  | <u>)</u>    | ļ       |      |       |             |      |       |          |          | 8         |                |       |          |       |          |            |       |
| -    |             |          |      |      |          | ;       |             |       | ł           | ł       |      |       |             |      |       |          | 3        | 88        | -              | 1     | 1        |       | 1        |            |       |
|      |             |          |      |      |          |         | 8           |       |             |         |      |       |             |      |       |          |          | 8         |                | ÷     |          |       |          |            |       |
|      |             |          |      |      |          |         |             |       |             |         |      |       |             |      |       |          | New York | 8         |                |       |          |       |          |            |       |
|      |             |          |      |      |          |         |             |       |             |         |      |       |             |      |       |          | 100      | 8         |                | ÷     | 1        | -     |          |            |       |
|      |             |          |      |      |          |         |             | 1     |             | Į       |      |       |             |      |       |          |          | 8         |                |       |          |       |          |            |       |
| -    |             | 1        | 1    |      |          | 1       |             |       | 1           |         |      |       |             |      |       |          |          | 8         | 1              | 1     | -        | 1     |          |            |       |
|      |             |          |      |      |          |         | 8           |       |             |         |      |       |             |      |       |          |          | 8         |                | ÷     | 1        |       |          |            |       |
|      |             |          |      |      |          |         | X           |       |             |         |      |       |             |      |       |          | 20       | 8         |                |       | 1        | 1     |          |            |       |
|      |             |          |      |      |          |         |             |       | 1           |         |      |       |             |      |       |          | 1        | 8         |                | 1     | 1        | 1     |          |            |       |
|      |             |          |      |      |          |         |             |       | · · · · ·   |         |      |       |             |      |       |          | - 8      | 8         |                |       |          |       |          |            | • • • |
|      |             |          |      |      |          |         |             |       |             |         |      |       |             |      |       | -        | 12       | 23        | ł              |       |          |       |          | ÷          |       |
|      |             |          |      |      |          |         | 88          |       | 1           |         |      |       |             |      |       | ;        | 8        | 88        | 1              | ÷     |          |       |          |            |       |
| -    | 1           |          |      |      |          |         |             |       | 1           |         |      |       | :           |      | ÷     | 1        | 8        | 8         | 1              | -     | ÷        | 1     |          |            |       |
| οt   | emi         | p Si     | rut  | Le   | vel      | 8       | natált      | Stra  | s           |         |      |       |             |      |       |          | No.      | **        |                | ł     |          |       |          | 1          |       |
| 1    |             |          |      |      |          |         | eadh        |       |             | vert:   | Lev  | el :  | 17          | 1    | 1     | 1        |          | 83        |                | 1.    | Ţ        |       |          | Ť          |       |
| 1    |             | 3        |      |      |          |         | eadho       |       |             |         |      |       |             |      | 1     | -1       | 18       | 8         | i              | ł     | 1        |       | 1        | ł          |       |
| 1    |             | ł        |      |      | E        |         | FUR/F       | Hę    | adhoi       | se      | Con  | coų   | ırse        | Le   | vel   | Sla      | •  8     | 83        | ĺ              | ł     | į        |       | į        |            |       |
| -    |             |          | í    |      |          | ÷.      |             |       | etę,V       |         |      |       |             |      |       |          |          |           |                | /all: | 5 &      | Cp    | lum      | ins        | Ľ     |
| ;    |             | ;        | ;    |      | ,        |         | -           | I.F.  | /R/P        | Hea     | dho  | use   | M           | ZZ   | niņ   | e L      | eve      | S         | ab             |       |          |       |          |            |       |
|      |             |          |      |      |          | 1       | 10000       |       |             | ņsta    | ПH   | ead   | hoù         | se:  | HVA   | C        | 8        | 8.        | -              | :     | -        | :     | -        | -          |       |
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| ilat | - i         | ÷        |      | ÷    | ÷        |         | 88          |       |             |         | į    |       |             |      |       | ł        | 8        |           |                | ł     | ÷        | ł     | 1        | ÷          | 1     |
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|      | iano<br>Męz |          |      |      | nig<br>! | Suu     | Lev         | 120   | inst        |         | uut  | 5   . |             |      |       | ·        | 1        | 8         | - <del> </del> | ÷     | ÷        | ÷     |          | . <u>-</u> |       |
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| ale  | e Sta       | atlo     | n lo | ç    | onço     | ourse   | Leve        | el    |             | 1       | 1    | 1     | 1           |      | 1     | 1        | 3        | 5         | -              | 1     | Ť        | Ţ     | 1        | 1          |       |
| RVI  | P St        | alio     | niC  | on   | coju     | rse l   | evel        | Slab  |             |         |      |       |             |      | ļ     |          | 8        | Ş         |                | -     | 1        |       | 1        | :          |       |
|      |             |          |      |      |          |         | Struts      |       |             |         | į    |       |             |      |       | i        | 8        | 8         |                | 1     |          |       |          | ;          |       |
| 涯    |             |          |      |      |          |         | helho       |       |             | mp¦\$   | Stru | t Le  | vel         | 6 ¦& | làs   | all      | sh       | 16        |                | 1     |          | 1     |          | -          |       |
|      | E           | 2.5.4    | - 54 | 1.00 |          | 12.00   | Inver       |       | · · · · · · |         |      | 4     | d.          |      | ų.    | .j.,     |          | 2.        |                | į     | ÷-       | -i-   | -i       |            |       |
|      | -           | 11       |      |      |          |         | vert -      |       |             | -       | i    |       |             | 1    | ł     | -        | 1        | Ś         |                | 1     | 1        | 1     |          |            |       |
| ÷    |             | ł        |      | 11   |          |         | Leve        |       |             |         |      | Pie   |             |      |       | i.       |          |           |                |       |          | i     | 1        |            | 1     |
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| 1    |             | Ť        | 1    |      | -        | , Par   | 100         |       | Insi        |         |      |       |             |      |       | 1        | 13       | 8-        |                |       | ÷        | · : - | · • • •  |            | -     |
| ,    |             | <u> </u> |      | ŕ    | -        | 1-1     | u           |       |             | p       |      |       | -1-5        |      | - 10  |          |          | 4         | ,              |       |          | 1     | <u>.</u> | <u> </u>   |       |
|      |             |          |      |      |          |         |             |       |             |         |      |       |             |      |       |          |          |           |                |       |          |       |          |            |       |
|      |             |          |      |      |          |         |             | _     |             | _       |      |       |             |      |       |          |          |           |                |       |          |       |          |            |       |
|      |             |          |      |      | Τ        | uf      | or          | -P    | er          | in      | i    | С     | 0           | rp   | 0     | rá       | at       | ic        | n              |       |          |       |          |            |       |
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|      |             |          |      |      |          |         |             |       |             |         |      |       |             |      |       |          |          |           |                |       |          |       |          |            |       |
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| ivity ID                  | Activity Scope  | Origina              |  | Finish   | 2013 |                                       | 2014  | 2016   |                                 |                       |
|---------------------------|---|----------------------|--|--|------|---------------------------------------|---|--|---------------------------------|-----------------------|
| ¥ 1 600                   | Shotcrete, Waterproof Mezzanine Level Walls   | Duration             | 12-Oct-16  | 08-Nov-16  | JJAS | OND                                   | JFMAMJJASON                                     | U J F M A M J J  | SUN                             | J J F M               |
| Y.1.690                   | A TANK AND A TANK AND A TANK AND A TANK AND A TANK AND A TANK AND A TANK AND A TANK AND A TANK AND A TANK AND A   |                      |  | 16-Nov-16  |      |                                       |   |  | 1 1 1 3                         |                       |
| Y.IM-60                   | Platform Ready for CN 1256 Invert Construction  |                      | the second second  | And and a second s |      |                                       |   |  | 1 1 1 1                         |                       |
| Y.4.525                   | Install Platform Mechanical   | + (main and a second | 0 17-Nov-16  | 28-Mar-17  |      |                                       |   | ▓▌▌▌▐▌▌▌▌▌   |                                 | 8 1 1 1               |
| Y.4.535                   | Install Platform Architectural Finishes   |                      | 0 17-Nov-16  | 09-May-17  |      |                                       |   | <b>∭</b> ∳∳∳∳∲∳∳-  |                                 | 8                     |
| Y.4.575                   | Install Concourse Level Architectural Finishes  |                      | ) 18-Jan-17  | 23-May-17  |      |                                       |   |  |                                 | 8                     |
| Y.4.595                   | Install Mezzanine Level Architectural Finishes  | 90                   | 0 01-Feb-17  | 07-Jun-17  |      | : 88                                  |   |  |                                 |                       |
| Y.IM-50                   | Train Control Rooms Ready for CN 1256   |                      |  | 14-Mar-17  |      |                                       |   |  |                                 | 8                     |
| Surface                   | Track,Systems - STS-1256  | 1082                 | 8 1275Um 178   | 19-Sep 17  |      |                                       |   |  |                                 |                       |
| All Loca                  | tions   | 343                  | 3 27-Jul-13  | 19-Nov-14  |      |                                       |   |  |                                 |                       |
| S.1.110                   | Traffic & Pedestrian Control Plan Submittal & Approval  | 36                   | 6 27-Jul-13  | 31-Aug-13  | T    | raffic & Pe                           | deştrian Çonirol Plan Subnjittal & Ap           | proval   |                                 |                       |
| S.1.090                   | Obtain Permits  | 60                   | ) 27-Jul-13  | 24-Sep-13  |      | Obtan P                               |   | ×  | 8                               |                       |
| S.1.040                   | Non-Technical Submittals  | 60                   | ) 27-Jul-13  | 24-Sep-13  |      | Non-Fec                               | nical Sudmittals                                | 8  | 8                               |                       |
| S.1.100                   | Engineering Submittals  | 180                  | 27-Jul-13  | 22-Jan-14  |      |                                       | Engineering Submittals                          | ×  | 8                               | 8                     |
| U1.370                    | Traffic & Pedestrian Control Plan Submittal   | 45                   | 5 29-Jul-13  | 30-Sep-13  |      | Traffic 8                             | Pedestrian Confroi Plan Submittal               | ×  | N N                             |                       |
| S.1.355                   | Conduct Preconstruction Survey  | 60                   | 29-Jul-13  | 21-Oct-13  |      | Condi                                 | ct Preconstruction Survey                       | 8  | 8                               |                       |
| S.1.120                   | Procure Trackwork   | 250                  | 25-Nov-13  | 19-Nov-14  |      |                                       |   | Procure Trackwork  |                                 |                       |
| Third St                  | reet  | 95                   | 5 17-May-14  | 28-Sep-14  |      |                                       |   |  |                                 |                       |
| S.4.745                   | Install Temporary Crossover Trackwork - King Street & 3rd Street  | 1 2                  | 2 17-May-14*   | 18-May-14  |      |                                       | I Install Temporary O                           | rossover Trackwork - King S                                | freet & 3rd St                  | reet                  |
| S.4.825                   | Remove Temporary Crossover Trackwork - King Street & 3rd Street   |                      | 27-Sep-14*   | 28-Sep-14  |      |                                       |   | ove Tempbraty Crossover Tra                                |                                 |                       |
| and strength and strength | (ing Intersection   | 85                   | 24-May-14  | 21-Sep-14  |      |                                       |   | 8  |                                 |                       |
|                           | Install T1 to T1NB Connector Trackwork - King Street & 4th Street (Area E2 SP 5 & 7)  |                      | 24-May-14*   | 26-May-14  |      | : 🛞                                   | Interall T4 Io T4ND                             | Connector, Trackwork - King                                | Street Ridik                    |                       |
| S.4.755                   | I The second second a manual labor was used in the second second second second second second by the second s | - FI - K - H         | and the second s | the second second second second second second second second second second second second second second second se  |      |                                       |   | SB Connector Trackwork - H                                 |                                 |                       |
| S.4.775                   | Install T2 to T2SB Connector Trackwork - King Street & 4th Street (Area A SP 6,11,13)   |                      | 8 04-Jul-14*   | 06-Jul-14  |      |                                       |   |  |                                 |                       |
| S.4.785                   | Install T2/ NB & SB Crossing Trackwork - King Street & 4th Street (Area A SP 12 & 14)   |                      | 30-Aug-14*   | 01-Sep-14  |      | : 🛞                                   |   | 2/ NB & SB Crossing Trackw                                 |                                 |                       |
| S.4.795                   | Install T2/ T2SB Connector Trackwork - King Street & 4th Street (Area C SP 8)   |                      | 06-Sep-14  | 07-Sep-14  |      |                                       |   | 2) 28B Connector Trackwo                                   |                                 |                       |
| S.4.805                   | Install T2/NB & SB Crossing Trackwork - King Street & 4th Street (Area B SP -9 & 10)  | A 4 100 0 10 10 10   | 13-Sep-14  | 14-Sep-14  |      |                                       |   | 12/NB & SB Crossing Tracky                                 |                                 |                       |
| S.4.815                   | Install NB & SB Connector Trackwork - King Street & 4th Street (Area D)   | 11/55/1              | 20-Sep-14  | 21-Sep-14  |      |                                       | l Instal  | NE & SB:Connector Trackw                                   | ork - King SI                   | reet & 4th Stre       |
| Fourth S                  | itreet  | 668                  | 29-Jul-13  | 17-Feb-16  |      |                                       |   |  |                                 |                       |
| S.1.140                   | Design Sewer Elements 1-3 (65%)   | 90                   | 29-Jul-13  | 05-Dec-13  |      | 100                                   | esign Sewer Elements 1-3 (65%)                  |  |                                 |                       |
| S.1.130                   | AT&T Duct Relocation Allowance Period (12 Mos)  | 230                  | 25-Sep-13  | 22-Sep-14  |      |                                       | : AT&   |  | enod (12 No                     |                       |
| S.1090                    | Implement Traffic & Pedestrian Control Plans  | 20                   | 01-Oct-13  | 20-Oct-13  |      | Implei                                | nent Traffic & Pedestrian Control Plan          | 15   |                                 | 8                     |
| S.1100                    | Close West Half of 4th Street - Stage 1   | 1                    | 21-Oct-13  | 21-Oct-13  |      | I Cose                                | West Half of 4th Street - Stage 1               |  |                                 |                       |
| S.1.210                   | Pothole For Existing Utilities/Design Verification  | 60                   | 21-Oct-13  | 17-Feb-14  |      |                                       | Pothole For Existing Utilities/0                | esion Venfication  |                                 | 8                     |
| S.1.150                   | Review Design Sewer Elements 1-3 (65%)  |                      | 06-Dec-13  | 08-Jan-14  |      | 1                                     | Review Design Sewer Elements                    | 3 (65%)  |                                 | 8                     |
| S.1.160                   | Design Sewer Elements 1-3 (90%)   | 10.000               | 09-Jan-14  | 19-Feb-14  |      |                                       | Design Sewer Elements 1-3                       | 90%)   |                                 |                       |
| S.4.100                   | Stage 1 Utility Relocations in 4th Street   |                      | 18-Feb-14  | 12-May-14  |      |                                       | Stage 1 Utility Reloce                          | lions in 4th Street  |                                 |                       |
| S.1.170                   | Review Design Sewer Elements 1-3 (90%)  |                      | 20-Feb-14  | 21-Mar-14  |      | $\sim$                                | Review Design Sewer Elen                        | nertis 1-3 (90%)   |                                 |                       |
|                           |   |                      | 24-Mar-14  | 11-Apr-14  |      |                                       | Design Sewer Elements                           | 1 3 (100%)   |                                 |                       |
| S.1.180                   | Design Sewer Elements 1-3 (100%)  | - 10                 | 24-1901-14   | 11-Apr-14  |      |                                       | Sewer:Design Elements                           |  |                                 |                       |
| S.1.190                   | Sever Design Elements 1-3 Complete  | 40                   | 12 May 14  | 09-Jul-14  |      |                                       |   | New 10"-'18" Sewers & Manh                                 | Aloc Routh                      | Si to Prondor         |
| S.4.210                   | Stage 1 Install New 10"-18" Sewers & Manholes - Bryant St to Brannan St   |                      | 13-May-14  | - (Without Marriell, and a little  |      |                                       | - de a da seda se basa da sala a Yeed sa dasa d | Walter des des stands and se stands a stand a setter a     | J                               | a - she               |
| S.4.220                   | Stage 1 Modify Existing 78" Sewer Main & Laterals   | 90                   | 10-Jun-14  | 15-Oct-14  |      |                                       |   | te 1 Modify Existing 78" Sew                               | er want o wat                   | e dis                 |
| S.1.200                   | De-Activate Existing AT&T Duct  | 0                    | 10.0.1.11  | 22-Sep-14  | -    |                                       |   |  |                                 |                       |
| S.4.130                   | Move Traffic to West Side & Close East Side - Slage 2   |                      | 16-Ocl-14  | 16-Ocl-14  |      |                                       | 1Mq   | Fraffic to West Side & Clos<br>\$ \$tage 2 Install New 48" | SP East Side                    | blage 2               |
| S.4.230                   | Stage 2 Install New 48" Gravity Sewer Main & Laterals   |                      | 17-Oct-14  | 05-Jan-15  |      |                                       |   | Stage 2 Install New 48"                                    | Gravity Sewe                    | Main & Late           |
| S.4.240                   | Stage 2 Install New 36" Force Main Sewer & Laterals   |                      | 17-Nov-14  | 16-Mar-15  |      |                                       |   | Stage 2 Install N  | des steres to a store of the st | and a strand a strand |
| S.4.250                   | Implement Stage 3 Traffic Plan  |                      | 17-Mar-15  | 17-Mar-15  |      |                                       |   | Implement Stag   | e 3 Traffic Pl                  |                       |
| S.4.435                   | Install SB Surface Trackwork - King Street to Portal  |                      | 19-Ocl-15  | 17-Feb-16  |      |                                       |   |  |                                 | Insta                 |
| S.4.735                   | Install NB Surface Trackwork - King Street to Portal  |                      | 19-Oct-15  | 17-Feb-16  |      |                                       |   |  |                                 | Insta                 |
| Fourth/B                  | rannan Station  | 241                  | 18-Mar-15  | 17-Feb-16  |      |                                       |   |  |                                 |                       |
| S.4.110                   | Install West Side CDIH Piles  | 20                   | 18-Mar-15  | 14-Apr-15  |      |                                       |   | install West   |                                 |                       |
| S.4.140                   | Install East Side CDIH Piles  | 20                   | 15-Apr-15  | 12-May-15  |      |                                       |   | 💭 🛛 İnstall Eas  | st Side CDIH                    | Ailes                 |
| S.4.120                   | F/R/P West Side PlieCaps  | 30                   | 15-Apr-15  | 27-May-15  |      |                                       |   | S F/R/P W  | lest Side File                  | Caps                  |
| S.4.150                   | F/R/P East Side PileCaps  |                      | 28-May-15  | 09-Jul-15  |      |                                       |   | FIR/P W  | P East Side                     | PileCaps              |
| S.4.170                   | F/R/P Platform Fooling Slab   |                      | 10-Jul-15  | 03-Sep-15  |      |                                       |   |  | FIR/P Plat                      | form Footing          |
| S.4.180                   | F/R/P Platform Walls  |                      | 21-Aug-15  | 16-Oct-15  |      |                                       |   |  |                                 | Platform Wa           |
| S.4.190                   | F/R/P Platform Deck   |                      | 19-Ocl-15  | 20-Jan-16  |      | 88                                    |   |  | 3                               | F/R/P.PI              |
| S.4.200                   | Erect Canopy Steel  |                      | 21-Jan-16  | 17-Feb-16  |      |                                       |   |  |                                 | Erect                 |
|                           | und Tunnel  | 490                  | 04-Nov-15  | 19-Sep-17  |      |                                       |   |  |                                 |                       |
| SIM-110                   | (STS) -Tunnel Portal Access Available From CN 1252 Contractor (NTP+830cd)   | 0                    | 04-Nov-15  | 1  |      |                                       |   |  |                                 | \$) - Tunnel Po       |
| S.4.495                   | Install Initial Tunnel Electrical & ATSC - Moscone to Union Square  |                      | 04-Nov-15  | 18-Dec-15  |      |                                       |   |  |                                 | Install Initial       |
| S.4.565                   | Install Tunnel Electrical & ATSC - Notscore to Onion Square   |                      | 21-Dec-15  | 10-Mar-16  |      | · · · · · · · · · · · · · · · · · · · | ****  |  |                                 |                       |
| S.4.575                   | Install Tunnel Electrical & ATSC - Thru Moscone Station   |                      | 13-Jun-16  | 11-Jul-16  |      |                                       |   |  |                                 |                       |
|                           | 24-Apr-13 Plot Date   |                      |  |  | 0.00 | TA .                                  | Control Subway                                  |  |                                 |                       |
|                           | 24-Apr-10 Plot Date   |                      |  |  | 311  | HA -                                  | Central Subway                                  |  |                                 |                       |
|                           | 18-Apr-13 Data Date   |                      |  |  |      | Con                                   | tract 1300                                      |  |                                 |                       |
|                           | 10 - 011  |                      |  |  |      |                                       |   |  |                                 |                       |
|                           | 10 of 11  |                      |  |  | P    | ropos                                 | al Schedule                                     |  |                                 |                       |
|                           |   |                      |  |  |      |                                       |   |  |                                 |                       |

|      | -                | 016      |        |      | _    |           |      | _    |       |     | _   | _     | 17      |       | _       |          |                  |        |     | _     | 201 | -    | _     |     |
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| Activity ID  | Activity Scope  | Original Start<br>Duration  | Finish   | 2013          | 2014<br>JFMAMJJASONI                  | 2015                   |                | JIFIMA          |
|--|---|---|--|---------------|---------------------------------------|------------------------|----------------|-----------------|
| S.4.765  | Complete Tunnel Electrical & ATSC - Moscone to Union Square   | 102 13-Jun-16   | 03-Nov-16  |               |                                       |                        | A POND         | A A             |
| S.4.525  | Install Electrical & ATSC -Thru Union Square Station  | 20 04-Nov-16  | 06-Dec-16  |               |                                       |                        |                |                 |
| S.4.385  | F/R/P Tunnel Inverts & Walkways - Union Square to China Town  | 40 04-Nov-16*   | 05-Jan-17  |               |                                       |                        |                | â i i           |
| S.4.475  | F/R/P Tunnel Inverts & Walkways Moscone to Union Square   | 30 06-Jan-17  | 16-Feb-17  |               |                                       | A                      |                | 8               |
| S.4.405  | Install Initial Tunnel Electrical & ATSC - Union Square to Chinatown  | 50 06-Jan-17  | 16-Mar-17  |               |                                       |                        |                |                 |
| S.4.125  | F/R/P Tunnel Inverts & Walkways - Portal to Moscone   | 20 17-Feb-17  | 16-Mar-17  |               |                                       |                        |                |                 |
| S.4.395  | Install Tunnel Trackwork - Union Square to Chinatown (2,422 TF)   | 34 17-Mar-17  | 03-May-17  |               |                                       |                        |                |                 |
| S.4.415  | CompleteTunnel Electrical & ATSC - Union Square to Chinatown  | 105 24-Mar-17   | 21-Aug-17  |               |                                       |                        |                |                 |
| S.4.535  | F/R/P Inverts & Walkways - Chinatown Station to North Limit   | 10 17-Apr-17  | 28-Apr-17  |               |                                       | g                      |                | <b>.</b>        |
| S.4.515  | Install Trackwork - Thru Union Square Station (210 TF)  | 3 04-May-17   | 08-May-17  |               |                                       |                        |                |                 |
| S.4.485  | Install Tunnel Trackwork - Moscone to Union Square (1.950 TF)   | 30 09-May-17  | 20-Jun-17  |               |                                       |                        |                | 8               |
| S.4.545  | Install Trackwork - Thru Moscone Station (188 TF)   | 2 21-Jun-17   | 22-Jun-17  |               |                                       |                        |                |                 |
| S.4.145  | Tunnel Trackwork - Portal to Moscone (1,312 TF)   | 20 23-Jun-17  | 21-Jul-17  |               |                                       |                        |                | 8               |
| S.4.555  | Install Trackwork - Chinatown Station to North Limit (339 TF)   | 5 24-Jul-17   | 28-Jul-17  |               |                                       | g                      |                | <b></b>         |
| S.4.455  | Install Trackwork - Thru Chinatown Station (539 TF)   | 20 31-Jul-17  | 25-Aug-17  |               |                                       |                        |                |                 |
| S.4.465  | Install Electrical & ATSC -Thru Chinatown Station   | 30: 07-Aug-17   | 18-Sep-17  |               |                                       |                        |                |                 |
| S.4.585  | and a second s | the second second second second second second second second second second second second second second second se | and the second s |               |                                       |                        |                |                 |
| and the second s | Install Electrical & ATSC - Chinatown Station to North Limit  | 20 22-Aug-17<br>490 04-Nov-15   | 19-Sep-17<br>19-Sep-17   |               |                                       |                        |                |                 |
|  | ound Tunnel   |   |  |               |                                       |                        |                |                 |
| S.4.645  | Install Initial Tunnel Electrical & ATSC - Moscone to Union Square  | 30 04-Nov-15  | 18-Dec-15  |               |                                       |                        |                | Install:Initial |
| S.4.705  | Install Tunnel Electrical & ATSC - Portal to Moscone  | 57 21-Dec-15  | 10-Mar-16  |               |                                       |                        |                | inst            |
| S.4.715  | Install Tunnel Electrical & ATSC - Thru Moscone Station   | 20 13-Jun-16  | 11-Jul-16  |               |                                       |                        |                |                 |
| S.4.835  | CompleteTunnel Electrical & ATSC - Moscone to Union Square  | 102, 13-Jun-16  | 03-Nov-16  |               |                                       |                        |                |                 |
| S.4.665  | Install Electrical & ATSC - Thru Union Square Station   | 20 04-Nov-16  | 06-Dec-16  |               |                                       |                        |                |                 |
| S.4.445  | F/R/P Tunnel Inverts & Walkways - Union Square to China Town  | 40 04-Nov-16*   | 05-Jan-17  |               |                                       |                        |                |                 |
| S.4.625  | F/R/P Tunnel Inverts & Walkways Moscone to Union Square   | 30 06-Jan-17  | 16-Feb-17  |               |                                       |                        |                |                 |
| S.4.595  | Install Initial Tunnel Electrical & ATSC - Union Square to Chinatown  | 50 06-Jan-17  | 16-Mar-17  |               |                                       |                        |                |                 |
| S.4.135  | F/R/P Tunnel Inverts & Walkways - Portal to Moscone   | 20 17-Feb-17  | 16-Mar-17  |               |                                       | 1 : : : : : : :        |                |                 |
| S.4.505  | Install Tunnel Trackwork - Union Square to Chinatown (2,422 TF)   | 34 17-Mar-17  | 03-May-17  |               |                                       |                        |                |                 |
| S.4.845  | Complete Tunnel Electrical & ATSC - Union Square to Chinatown   | 105 24-Mar-17   | 21-Aug-17  |               |                                       |                        |                |                 |
| S.4.675  | F/R/P Inverts & Walkways - Chinatown Station to North Limit   | 10 17-Apr-17  | 28-Apr-17  |               |                                       |                        |                |                 |
| S.4.655  | Install Trackwork - Thru Union Square Station (210 TF)  | 3 04-May-17   | 08-May-17  |               |                                       |                        |                |                 |
| S.4,635  | Install Tunnel Trackwork - Moscone to Union Square (1,950 TF)   | 30 09-May-17  | 20-Jun-17  |               |                                       |                        |                |                 |
| S.4.685  | Install Trackwork - Thru Moscone Station (188 TF)   | 2 21-Jun-17   | 22-Jun-17  |               |                                       |                        |                |                 |
| S.4.155  | Tunnel Trackwork - Portal to Moscone (1,312 TF)   | 20 23-Jun-17  | 21-Jul-17  |               |                                       |                        |                |                 |
| S.4.695  | Install Trackwork - Chinatown Station to North Limit (339 TF)   | 5 24-Jul-17   | 28-Jul-17  |               |                                       |                        |                | 4 1 1 1 1       |
| S.4.605  | Install Trackwork - Thru Chinatown Station (539TF)  | 20 31-Jul-17  | 25-Aug-17  |               |                                       |                        |                | 1               |
| S.4.615  | Install Electrical & ATSC -Thru Chinatown Stalion   | 30 07-Aug-17  | 18-Sep-17  |               |                                       |                        |                |                 |
| S.4.725  | Install Electrical & ATSC - Chinatown Station to North Limit  | 20 22-Aug-17  | 19-Sep-17  |               |                                       |                        |                |                 |
| Advanc   | ed Train Control - ATCS-1266 (Assigned)   | 1214 29-Jul-13  | 22 Mar 18  |               |                                       |                        |                |                 |
| All Loca   |   | 1214 29-Jul-13  | 22-Mar-18  |               |                                       |                        |                |                 |
| A.4.210  | Subcontractor Assignment ATSC Systems (Thales)  | 0   | 29-Jul-13  | Subcontractor | signment ATSC Systems (Thales)        |                        |                |                 |
| A.4.220  | Design ATSC Systems   | 180 29-Jul-13   | 14-Apr-14  |               | Design ATSO Systems                   |                        |                |                 |
| A.4.260  | ATSC Systems Equipment Procurement  | 180 15-Apr-14   | 31-Dec-14  |               | i popiar ri og og stolling            | ATSC Systems Equipr    | ment Procuramo | ht              |
| A.4.250  | Install ATSC Systems - At-Grade Section   | 90 18-Feb-16  | 23-Jun-16  |               | · · · · · · · · · · · · · · · · · · · | Those of sterns Equipt | non roomente   | and the stand   |
| A.4.230  | Install OCS Contact Wire/RF/ATCS Cable Loop - Northbound Tunnel   | 40 20-Sep-17  | 15-Nov-17  |               |                                       |                        |                | 1 1 1 1 1       |
| A.4.230  | Install OCS Contact Wire/RF/ATCS Cable Loop - NotInbound Tunnel   | 40 20-Sep-17  | 15-Nov-17  |               |                                       |                        |                |                 |
| A.4.240<br>S.4.425   | Startup & Testing - Tunnel & ATSC Systems   | +   | A DECK AND A DECK AND A DECK AND A DECK AND A DECK AND A DECK AND A DECK AND A DECK AND A DECK AND A DECK AND A  |               |                                       |                        |                |                 |
| 0.4.420  | oraruh a Tesning - (niner a VLOC obstetus   | 88 16-Nov-17  | 22-Mar-18  |               |                                       |                        |                | 1 1 1 1 1       |

24-Apr-13 Plot Date

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SFMTA - Central Subway

Contract 1300

18-Apr-13 Data Date

11 of 11

**Proposal Schedule** 

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| Risk # | Risk Description   | Risk<br>Owner | Risk<br>Category | Risk<br>Rating | Status                | Contract |
|--------|--|---------------|------------------|----------------|-----------------------|----------|
| 99     | Breakdown in relationships between SFMTA and Contractors during construction<br>results in increased claims and delays to the overall construction schedule.                   | MB            | С                | 8              | 7/27/12<br>FDS 1940   | GEN      |
| =      | Underground obstructions Stations (UMS)  | JW            | с                | 8              | 8/12/15<br>UMS 1320   | UMS      |
| F      | Underground obstructions stations (CTS)  | QC            | с                | 8              | 10/9/17               | стѕ      |
| F      | Underground obstructions Stations (MOS)  | QC            | с                | 8              | CTS1500<br>4/28/15    | MOS      |
| 70     | Change in traffic control requirements after bid.  | RR            | С                | 8              | MOS1150<br>5/22/17    | GEN      |
| 33     | Cost of vehicles may be more than estimated due to sole source and small order   | LA            | R                | 8              | STS1020<br>11/17/17   | GEN      |
|        |  |               |                  |                | STS 1500              |          |
| 203    | Headwalls interface delay 1300 Contractor (SSTS)   | MB            | С                | 8              |                       | SSTS     |
| 208    | Additional cost if we change direction going to the Pagoda<br>Public complaints result in unanticipated restrictions on construction at CTS. (schedule                         | RR/MB         | С                | 8              | 10/9/17               | TUN      |
| 46     | and estimate for underground work assumes 6 day work week and 2 shifts per day)  | MB/BC         | С                | 6              | CTS1500               | CTS      |
| 52     | Unacceptable settlement and impact on major utilities at CTS. (OLD SEWERS AND<br>OTHERS WITHIN 20FT SPACE BETWEEN TOP OF CAVERN AND STREET LEVEL)                              | RR            | С                | 6              | 4/22/16<br>N-CTS9730  | CTS      |
| 204    | AT&T Vault - New Sewer Work south of Bryant  | RR/MB         | с                | 6              |                       | SSTS     |
| 3      | Storage and testing of excavated soils from tunnel limits advance rate of tunneling.   | SW            | с                | 6              | 2/5/14<br>TUN1124     | TUN      |
| 34     | Loss of business results in unanticipated restrictions on construction at UMS.   | RR            | с                | 5              | 9/7/16<br>UMS1430     | UMS      |
| 72     | Interface new Signaling and Train Control system to existing at Fourth and King  | SP            | с                | 5              | 3/4/16<br>STS1045     | STS      |
| 104    | CPUC approval at Grade Crossing for G0164d takes longer to negotiate / obtain than   | SP            | R                | 5              | 7/27/12               | STS      |
| E      | schedule allows<br>Underground obstructions tunnel and retrieval shaft   | SW            | с                | 5              | FDS 1940<br>2/5/14    | TUN      |
| <br>r  | Delay on station emergency ventilation approval  | JW            | R                | 5              | TUN1124<br>7/27/12    | GEN      |
|        |  |               |                  |                | FDS 1940<br>5/20/13   | TUN      |
| 16     | TBM loss and / or damaged in Transit<br>Archeological/Cultural findings during construction increases schedule and/or cost.  | MB            | С                | 5              | TUN1095<br>8/12/15    |          |
| 67     | (UMS)LESS THAN 1%  | MB            | С                | 5              | UMS1320               | UMS      |
| 68     | Archeological/Cultural findings during construction increases schedule and/or cost.<br>(CHINA TOWN)AROUND 10%  | MB            | С                | 5              | 10/9/17<br>CTS1500    | CTS      |
| 7      | Potential for excessive settlement of BART tunnels - SIGNIFICANT COMPENSATION<br>GROUT REQUIRED OVER ESTIMATE ALLOWANCES   | SW            | с                | 4              | 8/28/13<br>TUN1120    | TUN      |
| 111    | Major Earthquake stops work  | AW            | С                | 4              | 12/30/20<br>MS 0010   | GEN      |
| 112    | Major safety event halts work  | MB            | с                | 4              | 12/30/20<br>MS 0010   | GEN      |
| 116    | TBM procurement, delivery and assembly takes longer than assumed in schedule.  | MB            | с                | 4              | 5/20/13               | TUN      |
| 196    | The process of acquiring station licenses: acquisition/condemnation could significantly  | RR            | с                | 4              | TUN1095               | GEN      |
| 210    | delay schedule and cost more than that presently planned.<br>Mission Bay Loop Grant – Needs to be built to allow for train turnarounds (June 2013)                             | LA            | С                | 4              | 06/13                 | GEN      |
|        | UMS Inclined piles – 8" clearance between piles and tunnel results in damage or safety   |               | c                | 4              | TUN                   | TUN      |
| 212    | issues within the tunnel   | RR            |                  |                |                       |          |
| 213    | Micro Piles exist within tunnel path at UMS<br>Tiebacks in Stockton Street misallocated (in path of walls and would have to be dug out   | RR            | С                | 4              | 5/6/14                | TUN      |
| 38     | within 20ft of surface level)  | MB            | С                | 3              | UMS1170<br>5/1/16     | UMS      |
| 48     | Incomplete drawdown of groundwater. (inside of box and inside of caverns)  | QC            | С                | 3              | CTS1140               | CTS      |
| 50     | CTS station contractor delayed by tunnel contractor since station platform construction<br>cannot start until tunnels have been finished.                                      | MB            | С                | 3              | 12/16/13<br>TUN1122   | CTS      |
| 66     | Archeological/Cultural findings during construction increases schedule and/or<br>cost.(Moscone) AROUND 10%   | QC            | с                | 3              | 4/28/15<br>TUN1150    | MOS      |
| 102    | Late finish of early contract delays later contracts and extends PM / CM and incurs<br>additional costs  | AW            | С                | 3              | 12/30/20<br>MS 0010   | GEN      |
| 15     | Jet grouted station end walls are installed by Tunnel contractor. Station Contractor<br>assumes risk of possibly leakage problems due to insufficiently qualify of end walls.  | SW            | С                | 3              | 5/26/15<br>UMS1295    | TUN      |
| 205    | Prolong period of CMod's creates additional cost/causes bad blood between Resident   | ES/ RR        | с                | 3              | 001200                | GEN      |
| 214    | Engineer and Contractor<br>Micro Piles at UMS interfere with Tube-a-manchette installation   | MB            | с                | 3              |                       | TUN      |
|        | (60' deep micropiles)<br>Macy's entrance conflict with new piles   | JW            | c                | 3              | 1/23/14               | UMS      |
|        | Temporary construction power and ability to provide permanent power feed - PGE   | 577           |                  | 3              | UMS1060               | 51010    |
| PR37   | ability to provide power requirements to the program together with their other<br>commitment   | QC            | С                | 3              | 5/3/18<br>STS1080     | GEN      |
| ג      | As-built drawings and UMS construction drawings do not contain enough information to<br>produce shop drawings without significant surveying effort delaying construction north | JW            | с                | 3              | 3/24/12<br>UMS1280    | UMS      |
| v      | Incorporation of revised Planning Zoning/ development criteria for Moscone Station<br>TOD impact MOS and CTS construction contract.  | RE            | D                | 3              | 12/13/16<br>N-CTS1225 | GEN      |

Design Required

| Risk # | Risk Description  | Risk<br>Owner | Risk<br>Category | Risk<br>Rating | Status                          | Contract |
|--------|---|---------------|------------------|----------------|---------------------------------|----------|
| 15     | Major TBM machine failure   | SW            | С                | 2              | 2/5/14<br>TUN1124               | TUN      |
| 33     | Damage to utilities at UMS causes delay to construction and/or consequential cost.<br>(very close to walls adjacent to relocated utility trenches)  | JW            | С                | 2              | 7/19/16<br>UMS1410              | UMS      |
| 89     | 3rd Party reviews of Design documents delays completion of Final Design.  | JW            | D                | 2              | 5/23/12<br>FDS 1930             | GEN      |
| 95     | Contractor default during construction impacts schedule. (key sub-contractor)   | AW            | с                | 2              | 11/17/17<br>STS 1500            | GEN      |
| 100    | Procurement of long lead items delays work. (fans, rails and special track work, TPSS,<br>Escalators, elevators, TBM)   | JW            | с                | 2              | 11/17/17<br>STS 1500            | GEN      |
| 106    | Risk of Labor dispute delaying the work.  | RR            | с                | 2              | 11/17/17                        | GEN      |
| 211    | Differing site conditions encountered during ground freezing of Cross Passage 5 results<br>in increased costs.  | RR            | с                | 2              | STS 1500                        | TUN      |
| 215    | DPW Excavation permit reviews delay contract works  | AC            | с                | 2              |                                 | GEN      |
| PR1    | Actual TBM production rate may be slower than forecasted.   | MB            | С                | 2              | 2/5/14<br>TUN1124               | TUN      |
| PR78   | Delays or complication by other SFMTA projects delays CSP: radio, fare collection, C3/TMC   | MB            | с                | 2              | 7/27/12<br>FDS 1940             | STS      |
| 27     | Loss of business results in unanticipated restrictions on construction at MOS.  | BN            | с                | 2              | 4/28/15<br>MOS1150              | MOS      |
| 28     | Incomplete cutoff of groundwater at UMS   | JW            | с                | 2              | 8/12/15<br>UMS1320              | UMS      |
| 65     | Archeological/Cultural findings during construction increases schedule and/or cost.<br>(Portal) AROUND 10%  | SW            | с                | 2              | 10/24/12<br>TUN1080             | TUN      |
| 103    | Difficulty in getting required permits.   | AC            | с                | 2              | 12/18/12<br>FDS 1275            | GEN      |
| 105    | Electrical service delays startup and testing.  | RR            | с                | 2              | 11/17/17<br>STS 1500            | GEN      |
| 216    | Olivet building potential construction impact   | MB            | с                | 2              | 313 1300                        | TUN      |
| 2a     | 42"/48" sewer line relocated as part Utility 1 package is damaged by subsequent   | SW            | с                | 2              | 10/24/12                        | TUN      |
| PR80   | construction of the launch box.<br>ROW costs higher than anticipated.   | AW            | м                | 2              | TUN1080<br>7/1/12               | GEN      |
| 5      | Possibility that lowest level of tie-backs extending out from Moscone Center could be   | SW            | с                | 1              | FDS 1240<br>7/2/13              | TUN      |
| 8      | within the tunnel alignment.<br>Flowing groundwater in vicinity of UMS Station could make adequate annulus grouting   | SW            | С                | 1              | TUN1118<br>8/28/13              | TUN      |
| 32     | difficult.<br>Delay in advanced utility relocation delays ground treatment and start of construction.   | JW            | R                | 1              | TUN1120<br>7/31/12              | UMS      |
| 35     | (Uty 2)<br>Ground support structure causes groundwater table to rise which results in leakage into<br>adjacent structures.( new structure might create a dam that results into leaks into new | JW            | с                | 1              | N-ATT00100<br>9/7/16<br>UMS1430 | UMS      |
| 37     | and existing structures)  | JW            | с                | - 1            | 9/7/16                          | UMS      |
| 71     | Damage to adjacent buildings at UMS due to surface construction activities. Power supply interruptions to TBM's (no dual power feed currently planned)  | RR            | c                | 1              | UMS1430<br>2/5/14               | TUN      |
|        | Cargo Preference (Ship America) must solicit U.S flag carriers. Civilian Agencies   |               |                  |                | TUN1124                         |          |
| 202    | Cargo = at least 50% (governed by Cargo Preference Act of 1954<br>Additional night shift work required at portal launch box due to bus storage facility                                       | RR            | С                | 1              | 2/20/15                         | SSTS     |
| 1      | relocation delay  | SW            | С                | 1              | 3/20/15<br>TUN1160              | TUN      |
| U      | Proximity at junction of head house boundary wall and school yard may result in<br>relocation of school yard during wall construction   | MB            | с                | 1              | 8/16/13<br>CTS1010              | стѕ      |
| 13     | Damage / settlement 3x 5' to old brick sewer running parallel to tunnel alignment   | MF            | С                | 1              | 12/16/13<br>TUN1121             | TUN      |
| 21     | Incomplete cutoff of groundwater at MOS   | QC            | С                | 1              | 4/28/15<br>MOS1150              | MOS      |
| 22     | Public complaints result in unanticipated restrictions on construction at MOS.  | JW            | С                | 1              | 9/16/16<br>MOS1230              | MOS      |
| 36     | Damage to buildings or utilities as a result of heave from jet grouting at UMS.   | JW            | С                | 1              | 4/14/15<br>UMS1310              | UMS      |
| 79     | Delay in obtaining tunnel easements (3 #) (goes to condemnation) - Costs of ROW may<br>cost more than expected  | AC            | R                | 1              | 9/7/2012                        | TUN      |
| PR83   | Coordination with prime contractor could result in schedule impacts to others.  | RE            | с                | 1              | 0                               | GEN      |
| 209    | Implementing Pagoda Option - Obtaining Environmental Clearance  | RR            | с                | -              | Retired<br>7/9/13               | TUN      |
| 107    | Market risk in achieving 100% bonding capacity (cost and reduction in contractors able<br>to get bonding)   | RR            | М                | -              | Retired 07/09/13                | GEN      |
| A      | Timely resolution of Sewer lines south of portal.   | SP            | R                | -              | Retired<br>07/09/13             | STS      |
| 3      | Unacceptable settlement and impact on pavement or utilities from break-out (turn<br>under) of TBMs from launch box.   | JC            | D                | -              | Retired<br>1/12/12              | TUN      |
| 4      | Unacceptable settlement of buildings along tunnel alignment. (Old Navy Building /<br>Virgin Music piled foundations)  | JC            | D                | -              | Retired 01/12/12                | TUN      |

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| Risk # | Risk Description   | Risk<br>Owner | Risk<br>Category | Risk<br>Rating | Status              | Contract |
|--------|--|---------------|------------------|----------------|---------------------|----------|
| 6      | Special ground stabilization required for Cross Passage #5   | JC            | D                | -              | Retired<br>1/12/12  | TUN      |
| 9      | Mixed face (rock/soil) ground conditions beneath Stockton Street at Post Street.<br>Potential for increase settlement tunneling through hard/soft interface (adjacent Union  | SW            | D                | -              | Retired<br>1/12/12  | TUN      |
| 10     | Unforeseen ground conditions beneath the Stockton Tunnel hard rock and / or  | SW            | D                | -              | Retired             | TUN      |
| 11     | fractured rock band - slows TBM<br>Buried valley beneath Stockton Street at Sacramento Street increases risk of settlement   | SW            | D                |                | 1/12/12<br>Retired  | TUN      |
| 12     | as TBM transitions from rock into soil. (old buildings and damage to façade more<br>Uncertainty of Alluvium/Colma Contact with respect to tunnel crown beneath Stockton      | SW            | D                |                | 1/12/12<br>Retired  | TUN      |
|        | Street in Chinatown.<br>Excess settlement at break in to North Beach TBM Retrieval shaft due to low cover of   |               |                  |                | 1/12/12<br>Retired  |          |
| 14     | alluvium.  | SW            | D                |                | 1/12/12<br>Retired  | TUN      |
| 17     | Steep gradients result in accident and suspension or works   | SW            | D                | -              | 1/12/12<br>Retired  | TUN      |
| 18     | Market risk in single or re-bid in tunnel contract due to excess work in SF area   | AW            | м                | -              | 11/10/11            | TUN      |
| 18     | Market risk in single or re-bid in tunnel contract due to excess work in SF area   | SW            | м                | -              | Retired<br>11/10/11 | TUN      |
| 19     | NFPA 101 approval to exceed 5% gradient at portal may not be approved (emergency<br>stair wells would be required)   | SW            | R                | -              | Retired<br>11/10/11 | TUN      |
| 20     | Incomplete seal at TBM break in and break out at MOS station leads to excessive<br>settlement  | QC            | D                | -              | Retired<br>1/12/12  | TUN      |
| 23     | Time to relocate existing utilities at MOS (fiber optics - uty 1, large water main - uty 2),   | MB            | с                | -              | Retired 11/08/12    | UTL      |
| 24     | Buildings adjacent to Station are subject to combined tunnel and station excavation  | QC            | D                | -              | 4/28/15             | MOS      |
| 25     | settlement. (Wolf building and college building) Insufficient time in station schedule for fit out and finishes at MOS   | QC            | D                | -              | MOS1150<br>Retired  | MOS      |
| 26     | Misallocated Moscone Convention Center tiebacks. (angle v's position)  | QC            | D                | -              | 1/12/12<br>Retired  | MOS      |
| 29     | Method and productivity for SEM excavation sequence proposed for Platform Cavern   | JW            | c                | <u> </u>       | 1/12/12<br>Retired  | UMS      |
|        | drifts at UMS more difficult than expected   |               | -                |                | 11/10/11<br>Retired |          |
| 30     | Slow advance of platform cavern at UMS due to insufficiently experienced (SEM) labor.<br>Limited number of NATM/SEM experienced contractors leads to delay in contract award | JW            | с                | -              | 11/10/11<br>Retired | UMS      |
| 31     | and/or increase in bid prices at UMS.  | JW            | М                | -              | 11/10/11<br>Retired | UMS      |
| 39     | Modifications to Ellis Street Garage could trigger seismic retrofit.   | JW            | С                | -              | 11/10/11            | UMS      |
| 40     | Buildings adjacent to UMS station are subject to combined tunnel and station<br>excavation settlement. (more sensitive structures)   | JW            | D                | -              | Retired<br>1/12/12  | UMS      |
| 41     | Secant pile walls may prove more expensive and / or take longer to install than<br>expected (walls on incline)   | JW            | D                | -              | Retired<br>1/12/12  | UMS      |
| 42     | Insufficient space in UMS station to house equipment   | JW            | D                | -              | Retired<br>1/12/12  | UMS      |
| 43     | Insufficient time in station schedule for fit out and finishes at UMS  | JW            | D                | -              | Retired<br>1/12/12  | UMS      |
| 44     | BART impose additional constraints and / or take longer to approve FD submissions  | JW            | R                | -              | Retired             | UMS      |
| 45     | (for connection) than planned delaying completion of design<br>Market risk - few bidders (less than 3 bonefied bids) for UMS station   | AW            | м                | -              | 5/24/12<br>10/30/12 | UMS      |
| 47     | Revisions to the SEM sequence during construction at CTS, which differ from the plan,  | AH            | D                | _              | FDS1692<br>Retired  | стѕ      |
| 49     | could lead to significant delays if not sufficiently pre-planned.<br>Market risk - few SEM qualified bidders (less than 3 bonefide bids) for CTS contract                    | AW            | м                |                | 12/13/12<br>Retired | стѕ      |
|        | resulting in higher costs than planned.<br>Buildings adjacent to CTS station are subject to combined tunnel and station excavation   |               |                  | -              | 08/09/12<br>Retired |          |
| 51     | settlement. (Mandarin Tower less so than other masonry buildings)  | QC            | D                | -              | 1/12/12<br>Retired  | CTS      |
| 53     | Insufficient space in CTS station to house equipment   | QC            | R                | -              | 11/10/11            | CTS      |
| 54     | Insufficient time in station schedule for fit out and finishes at CTS  | QC            | D                | -              | Retired<br>3/8/12   | CTS      |
| 55     | Proximity at junction of head house boundary wall and school yard may result in<br>relocation of school yard during wall construction  | QC            | R                | -              | Retired<br>1/12/12  | стѕ      |
| 56     | Escalation more / less than expected (Increase in bid prices to hedge possible<br>increases in cost of volatile commodities.)  | AW            | м                | -              | Retired 06/13/13    | GEN      |
| 57     | The process of acquiring property: acquisition/condemnation and relocation of tenants<br>could significantly delay schedule beyond that presently planned.                   | GH            | R                | -              | Retired<br>08/09/12 | MOS/CTS  |
| 58     | Delay in vacation and interference with existing building services of sub-sidewalk<br>basements delays utility relocations.  | DG            | R                | -              | Retired<br>5/24/12  | UTL      |
| 59     | Insufficient time in schedule to complete IGA's (joint utility trench issues) to meet  | DG            | R                | -              | Retired             | UTL      |
| 60     | relocation schedule (Agency resources etc.)<br>Utility companies do not complete relocations in timely manner. (UTY 1 and UTY 2)   | MB            | С                | -              | 1/12/12<br>Retired  | UTL      |
|        | Utility relocation is delayed due to non-standard materials not being available. (UTY 1  |               |                  |                | 10/18/12<br>Retired | -        |
| 61     | and UTY 2) AWSS special material ?   | AW            | с                | -              | 02/14/13            | UTL      |
| 62     | Hazardous materials during building demolition. (China Town)   | QC            | D                | -              | Retired<br>4/12/12  | CTS      |
| 63     | Hazardous materials in soils during excavation.  | RE            | R                | -              | Retired<br>5/24/12  | GEN      |
| 64     | Environmental remediation at 76 Gas station underestimated.  | ES            | R                | -              | Retired<br>3/8/12   | MOS      |
| 69     | Historic preservation requirements for 933-949 Stockton.   | DG            | R                | -              | Retired<br>5/24/12  | стѕ      |

| Risk # | Risk Description   | Risk<br>Owner | Risk<br>Category | Risk<br>Rating | Status                          | Contract |
|--------|--|---------------|------------------|----------------|---------------------------------|----------|
| 73     | Integration of new equipment at Transportation Management Center (TMC) at 1455<br>Market Street with existing equipment at Lenox OCC.  | СС            | D                | -              | Retired 1/12/12                 | STS      |
| 74     | Insufficient time in schedule for testing and commissioning S&C  | СС            | R                | -              | Retired 11/08/12                | STS      |
| '5     | Signals and Comms equipment may need to be stored off site   | SW            | с                | -              | Retired 04/11/13                | STS      |
| 6      | CS system may need re-design to new system (not yet identified - Coordinating with<br>SFMTA Accessible Services on the wayfinding system for the visually impaired.)   | RE            | D                | -              | Retired 11/08/12                | GEN      |
| 7      | Translink behind schedule and fare system not available at ROD.  | СС            | s                | -              | Retired 11/10/11                | STS      |
| 78     | Current scope defines Lenox as point of connection - a late change of differing location<br>would cause redesign and additional costs -Location of Operation Central Control<br>(OCC) and coordination with OCC project.   | сс            | R                | -              | Retired 1/12/12                 | GEN      |
| 80     | Delay in obtaining access to Moscone station sites (goes to condemnation).   | GH            | R                | -              | Retired<br>8/09/12              | MOS      |
| 1      | Additional ROW requirements  | GH            | R                | -              | Retired 1/12/12                 | GEN      |
| 2      | ROW issues may impact Vent Shafts and / or stair locations   | JW            | R                | -              | Retired<br>1/12/12              | GEN      |
| 4      | More vehicles may be required than estimated   | LA            | R                | -              | Retired<br>2/9/2012             | GEN      |
| 5      | Delay in achieving ROD delays schedule (ROD planned end October 2008)  | AW            | R                | -              | Retired                         | GEN      |
| 36     | Obtain FTA approval of a Letter of No Prejudice (LONP) to construct the TBM Launch<br>Box Portal Structure, complete the Temporary Trolley Re-route, and incur associated<br>construction management costs for these items.  | ES            | D                | -              | 11/10/11<br>Retired<br>02/09/12 | TUN      |
| 37     | Insufficient design and processes in place to achieve project readiness to request entry<br>into FD (October 2009)   | ES            | R                | -              | Retired 11/10/11                | GEN      |
| 8      | Bid protest delays award and NTP for Final Design.   | AW            | м                | -              | Retired 11/10/11                | GEN      |
| 0      | Multiple outside design consultants & mix of SFMTA / City could result in delays and<br>additional costs due to complexities in design coordination  | RE            | D                | -              | Retired<br>12/12/12             | GEN      |
| 1      | Obtain prompt approval of FTA Full Funding Grant Agreement (FFGA).   | ES            | R                | -              | Retired 10/18/12                | GEN      |
| 2      | Additional construction contracts (over current proposed 7) resulting in multiple<br>contractor interfaces and the potential for increased contractor conflicts/delays and<br>management costs.  | AW            | с                | -              | Retired 10/13/11                | GEN      |
| 3      | Reduction of current strategy of 4 major civil contracts result in too large for reasonable<br>economic competition (opposite to risk #100)  | AW            | R                | -              | Retired 10/13/11                | GEN      |
| 4      | Bid protests delay award and NTP for construction contracts  | AW            | м                | -              | Retired 06/13/13                | GEN      |
| 6      | Re-bid due to bid prices exceeding budget (by well over 10%) delays award of a<br>contract or contracts. (negotiation with lowest bidder not possible)   | AW            | м                | -              | Retired 5/24/12                 | GEN      |
| )7     | Conflicts arising from Contractors working concurrently in the same work space results<br>in delays and claims for additional costs (systems / civil interface)  | RE            | С                | -              | Retired 05/10/13                | GEN      |
| 8      | Unqualified Contractors submit bids below reasonable market expectations   | AW            | м                | -              | Retired 09/13/12                | GEN      |
| 01     | More expensive staffing costs as a result of attracting labor into the expensive cost of<br>living in San Francisco  | AW            | м                | -              | Retired 12/15/11                | GEN      |
| 108    | Inability of SFMTA / State (State of CA more than City) to achieve mitigation in market<br>risk through alternate contract clauses etc. (as set down in Contract Package<br>document) - Bidders perception of SFMTA litigation reputation could result in<br>significantly higher bids and reduced number of bidders (inability to change GC's and<br>alter contracting industry perception of the City) | AW            | м                | -              | Retired 10/13/11                | GEN      |
| 09     | Additional Homeland security requirements imposed on Transit Agencies. (eg possible<br>refuge in MOS, CTS, UMS for Earthquake, terrorist or other such event)  | RE            | R                | -              | Retired 5/24/12                 | GEN      |
| 10     | Unanticipated poor weather delays work. Delay could be extended by Holiday<br>Moratorium period.   | MB            | с                | -              | Retired 10/18/12                | GEN      |
| 13     | Finance charges may be required (assumptions on FTA funding at \$150m per annum optimistic) - finance costs would be in order of \$100-150M  | ES            | R                | -              | Retired 12/15/11                | GEN      |
| 14     | Grout pipes for BART underpinning are too long and cannot be installed accurately from<br>small shaft.   | SW            | с                | -              | Retired 09/13/12                | TUN      |
| 17     | BART lining is not in the condition assumed for the settlement analysis after liner<br>inspection is performed.  | SW            | с                | -              | Retired 10/13/11                | TUN      |
| 18     | Insufficient room on the launch box site to launch 2 TBMs concurrently.  | SW            | с                | -              | Retired 10/13/11                | TUN      |
| 19     | Schedule of CTS design deliverables could impact the 65% design completion.  | RE            | D                | -              | Retired 11/10/11                | стѕ      |
| 20     | Geologists identify hard sandstone that could impact pipe canopy installation and other activities.  | QC            | D                | -              | Retired 1/12/12                 | стѕ      |
| 21     | Resolution of travel time issue from surface to CTS station platform for customers.  | QC            | D                | -              | Retired 12/15/10                | CTS      |

| Risk # | Risk Description  | Risk<br>Owner | Risk<br>Category | Risk<br>Rating | Status              | Contract |
|--------|---|---------------|------------------|----------------|---------------------|----------|
| 22     | Impact on Washington Street of the new headhouse design, Need to itemize all<br>impacts and see if they are consistent with the SEIR. School bus access on Washington<br>Street during construction | QC            | R                | -              | Retired<br>1/12/12  | стѕ      |
| 23     | Impact of new headhouse design on church near station construction.   | QC            | D                | -              | Retired 11/10/11    | стѕ      |
| 24     | Potential additional changes related to new headhouse design layout.  | QC            | D                | -              | Retired 11/10/11    | CTS      |
| 25     | Number of escalators at CTS may be inadequate. If one is broken, customer flow may<br>be impacted and redundancy is not available.  | QC            | R                | -              | Retired 11/10/11    | стѕ      |
| 52     | Entrance north resolution   | JW            | D                | -              | Retired 10/13/11    | UMS      |
| 53     | Widen stairs at entrance at Apple   | JW            | D                | -              | Retired 10/13/11    | UMS      |
| 77     | Lack of staging area at MOS   | QC            | D                | -              | Retired 5/24/12     | MOS      |
| 90     | Tunnel haul routes longer than planned.   | JC            | D                | -              | Retired<br>3/8/12   | TUN      |
| 93     | Redesign to lower station may impact schedule and cost  | QC            | D                | -              | Retired 10/13/11    | стѕ      |
| 94     | Constructability of design may cause redesign at CTS  | QC            | D                | -              | Retired 10/13/11    | CTS      |
| 95     | Constructability of design may cause redesign at UMS  | JW            | D                | -              | Retired<br>1/12/12  | UMS      |
| 97     | The untimely delivery of FFGA funds to the project causes shortfalls in cash flow and<br>the Central Subway will be unable to meet its financial commitments  | LA            | с                | -              | Retired 5/10/13     | GEN      |
| 98     | Outreach efforts to get more bidders - (SSTS) 1300 Contract   | AW            | с                | -              | Retired<br>5/10/13  | GEN      |
| 99     | No interests from potential bidders although participated in outreach meet and greet  | AW            | с                | -              | Retired 1/10/13     | GEN      |
| 00     | Dealing with Larger Contracting Group   | RR            | с                | -              | Retired 01/10/13    | SSTS     |
| 01     | Bid Protest - (SSTS) 1300 Contract  | AH            | с                | -              | Retired<br>06/13/13 | GEN      |
| 206    | Delay in Decision on Retrieval Shaft  | RR/MB         | с                | -              | Retired 04/11/13    | TUN      |
| 207    | Implementing Pagoda Option for Retrieval Shaft - Delay in Obtaining Property  | RE            | с                | -              | Retired<br>06/13/13 | TUN      |
| 38/197 | Lack of staging area at UMS   | JW            | D                | -              | Retired<br>5/24/12  | UMS      |
| 67-9   | Lack of staging area at CTS   | QC            | D                | -              | Retired<br>5/24/12  | стѕ      |
| 70/192 | Haul routes longer than planned at CTS  | QC            | D                | -              | Retired<br>3/8/12   | стѕ      |
| i2a    | Cistern at Washington St is damaged.  | QC            | с                | -              | Retired<br>5/24/12  | стѕ      |
| ;      | Air Replenishment system at MOS stations  | RE            | D                | -              | Retired<br>3/8/12   | MOS      |
| )      | Air Replenishment system Tunnels  | RE            | D                | -              | Retired 10/18/12    | STS      |
|        | Union Square Garage structural concerns. Many cracks exist, no control joints obvious<br>signs of past expansions and support work.   | JW            | D                | -              | Retired<br>1/12/12  | UMS      |
| (      | Repairs to buildings, utilities, when the settlement limits are not exceeded at UMS   | JW            | с                | -              | Retired<br>5/24/12  | UMS      |
|        | BART delays to apple entrance   | JW            | R                | -              | Retired<br>1/12/12  | GEN      |
| 1      | Haul routes longer than planned at MOS  | QC            | D                | -              | Retired<br>3/8/12   | MOS      |
| 1      | Haul routes longer than planned at UMS  | JW            | D                | -              | Retired<br>1/12/12  | UMS      |
| •      | DBI review of Union Square Garage modifications triggers seismic upgrade  | JW            | R                | -              | Retired<br>08/09/12 | UMS      |
| PR73   | Delays or complications of design & construction by others – SF Dept. Of Technology,<br>3rd party utilities   | RE            | D                | -              | Retired<br>06/13/13 | STS      |
| PR74   | Incomplete design by City staff – not prioritized to complete 1256 work on time   | RE            | D                | -              | Retired 12/13/12    | STS      |
| PR75   | Limited work windows for the at-grade track construction (at all surface segment street<br>crossings and especially at 4th and King) could extend the schedule and increase labor<br>costs.         | RE            | D                | -              | Retired<br>10/18/12 | STS      |

| Risk # | Risk Description   | Risk<br>Owner | Risk<br>Category | Risk<br>Rating | Status            | Contract |
|--------|--|---------------|------------------|----------------|-------------------|----------|
| PR79   | Parking Garage appraised higher than anticipated.  | RE            | м                | -              | Retired 11/08/12  | UMS      |
|        | Confined work spaces along alignment can impact productivity and result in significant<br>cost and schedule impacts. | RE            | С                | -              | Retired 06/13/13  | GEN      |
| R      | Delay of Tunnel Contract NTP   | AW            | С                | -              | Retired 2/9/2012  | TUN      |
| s      | Delay of station design submittals   | RE            | D                | -              | Retired<br>3/8/12 | GEN      |

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