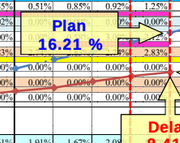
S-Curve of Works Progress: Planned Percentage compared with Achieved Percentage

Construction of Mass Transit System Project in Bangkok (Red Line) (I)

Contract 1: Civil Works for Bang Sue Grand Station and Depots

| BILL NO | DESCRIPTION | CONTRACT AMOUNT (Baht) | CONTRACT AMOUNT (%) | Cumulative Progress | | 2013 Mar13 | Apr13 | May13 | Jun13 | Jul13 | Aug13 | Sep13 | Oct13 | Nov13 | Dec13 | 2014 Jan14 | Feb14 | Mar14 | Apr14 | May14 | Jun14 | Jul14 | Aug14 | Sep14 | Oct14 | Nov14 | Dec14 | 2015 Jan15 | Feb15 | Mar15 | Feb15 | May15 | Jun15 | Jul15 | Aug15 | Sep15 | Oct15 | Nov15 | Dec15 | 2016 Jan16 | Feb16 | Mar16 | Feb16 | May16 | Jun16 | Jul16 | Aug16 | Sep16 | Oct16 | Nov16 | Dec16 | 2017 Jan17 | Feb17 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | |
| | | | | | | 31 | 59 | 90 | 120 | 151 | 182 | 212 | 243 | 273 | 304 | 335 | 363 | 394 | 422 | 453 | 483 | 514 | 545 | 575 | 606 | 636 | 667 | 698 | 726 | 757 | 785 | 816 | 846 | 877 | 908 | 938 | 969 | 999 | 1030 | 1061 | 1089 | 1120 | 1148 | 1179 | 1209 | 1240 | 1271 | 1301 | 1332 | 1362 | 1393 | 1424 | 1440 | |
| 1 | GENERAL WORKS | 266,482,434 | 0.90% | Planed | 29.375% | 1.94% | 2.08% | 2.15% | 2.08% | 2.15% | 2.15% | 2.08% | 2.15% | 2.08% | 2.15% | 2.15% | 1.94% | 2.15% | 2.08% | 2.15% | 2.08% | 2.15% | 2.15% | 2.08% | 2.15% | 2.08% | 2.15% | 2.15% | 1.94% | 2.15% | 2.08% | 2.15% | 2.08% | 2.15% | 2.15% | 2.08% | 2.15% | 2.08% | 2.15% | 2.15% | 2.01% | 2.15% | 2.08% | 2.15% | 2.08% | 2.15% | 2.15% | 2.08% | 2.15% | 2.15% | 2.15% | 0.69% |
| | | | | Actual | 45.348% | 8.05% | 11.84% | 5.62% | 3.92% | 1.68% | 1.50% | 1.74% | 1.65% | 2.36% | 1.36% | 1.35% | 1.35% | 1.56% | 1.36% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | ELEVATED STRUCTURE | 11,422,571,521 | 38.54% | Planed | 10.599% | 0.00% | 0.03% | 0.05% | 0.08% | 0.42% | 0.51% | 1.70% | 1.13% | 1.06% | 1.13% | 1.22% | 1.07% | 1.18% | 1.02% | 0.95% | 0.98% | 1.24% | 2.45% | 2.44% | 2.57% | 1.49% | 1.71% | 3.22% | 3.05% | 2.84% | 3.28% | 3.70% | 3.11% | 3.11% | 3.11% | 3.20% | 3.69% | 3.77% | 3.62% | 3.36% | 2.99% | 2.88% | 2.82% | 3.19% | 3.06% | 3.21% | 3.25% | 3.02% | 2.73% | 2.25% | 1.89% | 1.09% | 0.13% | |
| | | | | Actual | 2.082% | 0.000% | 0.001% | 0.133% | 0.120% | 0.129% | 0.143% | 0.149% | 0.074% | 0.244% | 0.103% | 0.066% | 0.155% | 0.410% | 0.355% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2.1 Elevated railway | 11,244,557,895 | 37.94% | Planed | 10.195% | 0.00% | 0.02% | 0.05% | 0.08% | 0.42% | 0.51% | 1.72% | 1.15% | 1.01% | 1.03% | 1.15% | 1.02% | 1.10% | 0.94% | 0.85% | 0.89% | 1.18% | 2.44% | 2.43% | 2.56% | 1.45% | 1.68% | 3.22% | 3.04% | 2.83% | 3.28% | 3.70% | 3.10% | 3.12% | 3.14% | 3.24% | 3.74% | 3.82% | 3.67% | 3.41% | 3.04% | 2.92% | 2.86% | 3.24% | 3.10% | 3.26% | 3.30% | 3.07% | 2.77% | 2.29% | 1.91% | 1.10% | 0.13% | |
| | | | | Actual | 1.677% | 0.00% | 0.001% | 0.13% | 0.12% | 0.13% | 0.15% | 0.15% | 0.07% | 0.17% | 0.10% | 0.06% | 0.11% | 0.25% | 0.24% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2.2 At-grade and transition railway | 178,013,626 | 0.60% | Planed | 36.172% | 0.18% | 0.19% | 0.20% | 0.19% | 0.20% | 0.20% | 0.19% | 0.20% | 4.29% | 7.47% | 5.46% | 4.69% | 6.37% | 6.32% | 6.77% | 6.60% | 5.42% | 3.46% | 2.77% | 3.20% | 3.48% | 3.45% | 3.57% | 3.32% | 3.68% | 3.22% | 3.57% | 3.56% | 2.64% | 1.26% | 0.60% | 0.26% | 0.19% | 0.20% | 0.20% | 0.19% | 0.20% | 0.20% | 0.19% | 0.20% | 0.20% | 0.19% | 0.20% | 0.19% | 0.20% | 0.20% | 0.06% | |
| | | | | Actual | 27.601% | 0.00% | 0.00% | 0.00% | 0.00% | 0.09% | 0.00% | 0.10% | 0.00% | 4.97% | 0.39% | 0.33% | 3.29% | 10.78% | 7.66% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | STATION | 14,247,067,853 | 48.07% | Planed | 14.618% | 0.01% | 0.00% | 0.04% | 0.49% | 0.58% | 1.06% | 1.70% | 1.78% | 1.70% | 1.40% | 1.39% | 1.08% | 1.71% | 1.68% | 1.95% | 1.84% | 1.70% | 1.47% | 1.23% | 0.72% | 0.57% | 0.47% | 0.46% | 0.56% | 1.58% | 1.67% | 2.45% | 2.66% | 3.06% | 2.89% | 3.02% | 3.20% | 3.09% | 2.80% | 3.27% | 3.04% | 2.38% | 2.36% | 2.21% | 2.66% | 4.60% | 5.51% | 5.25% | 5.78% | 5.18% | 3.94% | 1.77% | 0.04% | |
| | | | | Actual | 12.977% | 0.000% | 0.009% | 0.009% | 0.166% | 0.733% | 0.034% | 0.651% | 1.075% | 1.519% | 1.870% | 1.311% | 2.482% | 1.970% | 1.145% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3.1 Bang Sue Station | 13,388,098,271 | 45.17% | Planed | 15.008% | 0.01% | 0.00% | 0.04% | 0.52% | 0.62% | 1.13% | 1.80% | 1.89% | 1.74% | 1.41% | 1.39% | 1.06% | 1.72% | 1.69% | 1.97% | 1.86% | 1.70% | 1.45% | 1.23% | 0.74% | 0.57% | 0.43% | 0.42% | 0.53% | 1.60% | 1.60% | 2.35% | 2.58% | 3.02% | 2.91% | 3.03% | 3.17% | 3.06% | 2.89% | 3.34% | 3.08% | 2.40% | 2.39% | 2.20% | 2.38% | 4.74% | 5.74% | 5.10% | 5.64% | 5.21% | 4.00% | 1.65% | 0.02% | |
| | | | | Actual | 13.810% | 0.00% | 0.01% | 0.01% | 0.18% | 0.78% | 0.04% | 0.69% | 1.14% | 1.62% | 1.99% | 1.40% | 2.64% | 2.10% | 1.22% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3.2 Chatuchak station | 858,969,582 | 2.90% | Planed | 8.542% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.03% | 0.04% | 1.13% | 1.29% | 1.29% | 1.49% | 1.69% | 1.59% | 1.67% | 1.63% | 1.69% | 1.85% | 1.13% | 0.40% | 0.61% | 1.09% | 1.13% | 1.06% | 1.17% | 2.86% | 4.04% | 3.78% | 3.71% | 2.62% | 2.83% | 3.73% | 3.51% | 1.49% | 2.21% | 2.50% | 2.01% | 1.83% | 2.32% | 7.08% | 2.55% | 1.98% | 7.49% | 7.99% | 4.66% | 2.97% | 3.50% | 0.38% | |
| | | | | Actual | 0.000% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | DEPOTS | 1,604,023,818 | 5.41% | Planed | 39.574% | 0.00% | 0.00% | 0.00% | 1.07% | 1.25% | 1.81% | 2.35% | 2.64% | 3.80% | 3.77% | 4.92% | 5.70% | 6.53% | 5.74% | 6.23% | 5.19% | 3.96% | 3.57% | 4.22% | 4.00% | 3.28% | 4.79% | 4.81% | 2.37% | 2.33% | 1.64% | 2.45% | 1.94% | 1.64% | 1.49% | 1.48% | 1.39% | 0.77% | 0.43% | 0.49% | 0.32% | 0.35% | 0.22% | 0.24% | 0.23% | 0.41% | 0.22% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| | | | | Actual | 1.862% | 0.00% | 0.01% | 0.00% | 0.01% | 0.00% | 0.00% | 0.02% | 0.05% | 0.06% | 0.05% | 0.09% | 0.12% | 0.58% | 0.88% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4.1 LD-train depot | 821,073,432 | 2.77% | Planed | 70.669% | 0.00% | 0.00% | 0.00% | 2.08% | 2.45% | 3.53% | 4.11% | 4.75% | 7.40% | 7.34% | 8.69% | 9.96% | 10.77% | 9.59% | 9.59% | 7.05% | 4.82% | 1.96% | 1.60% | 0.62% | 0.65% | 1.29% | 1.24% | 0.47% | 0.03% | 0.01% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| | | | | Actual | 1.806% | 0.00% | 0.02% | 0.00% | 0.00% | 0.00% | 0.00% | 0.04% | 0.08% | 0.06% | 0.01% | 0.00% | 0.02% | 0.54% | 1.04% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4.2 CT-train depot | 782,950,386 | 2.64% | Planed | 6.965% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.50% | 0.42% | 0.03% | 0.03% | 0.97% | 1.24% | 2.08% | 1.69% | 2.71% | 3.24% | 3.05% | 5.25% | 6.96% | 7.54% | 6.04% | 8.47% | 8.55% | 4.37% | 4.73% | 3.35% | 5.01% | 3.98% | 3.37% | 3.05% | 3.03% | 2.84% | 1.58% | 0.87% | 1.01% | 0.65% | 0.72% | 0.44% | 0.49% | 0.46% | 0.83% | 0.45% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| | | | | Actual | 1.921% | 0.00% | 0.00% | 0.00% | 0.02% | 0.00% | 0.00% | 0.00% | 0.01% | 0.05% | 0.09% | 0.18% | 0.23% | 0.62% | 0.71% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | LOCAL ROAD AND ROAD FLYOVER | 1,410,141,074 | 4.76% | Planed | 43.374% | 0.02% | 0.03% | 0.03% | 0.03% | 0.05% | 0.08% | 0.20% | 3.18% | 3.46% | 4.44% | 8.99% | 7.21% | 7.74% | 7.92% | 7.49% | 4.25% | 4.55% | 4.87% | 4.71% | 5.01% | 2.64% | 4.04% | 5.23% | 4.09% | 2.30% | 1.82% | 1.45% | 2.01% | 1.68% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.01% | |
| | | | | Actual | 5.391% | 0.00% | 0.003% | 0.02% | 0.07% | 0.01% | 0.01% | 0.003% | 0.55% | 0.41% | 0.47% | 0.43% | 0.81% | 1.24% | 1.38% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5.1 Local road | 1,196,569,730 | 4.04% | Planed | 51.056% | 0.03% | 0.03% | 0.03% | 0.04% | 0.06% | 0.09% | 0.24% | 3.75% | 4.02% | 5.23% | 10.59% | 8.49% | 9.12% | 9.33% | 8.82% | 5.01% | 4.99% | 4.97% | 4.40% | 4.26% | 0.80% | 2.11% | 3.14% | 2.57% | 0.68% | 0.98% | 1.30% | 2.36% | 1.97% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.01% | |
| | | | | Actual | 5.320% | 0.00% | 0.003% | 0.02% | 0.08% | 0.01% | 0.01% | 0.003% | 0.65% | 0.48% | 0.55% | 0.51% | 0.85% | 0.92% | 1.25% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5.2 Road flyover | 213,571,344 | 0.72% | Planed | 0.331% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.31% | 0.02% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 2.09% | 4.30% | 6.43% | 9.22% | 12.93% | 14.84% | 16.92% | 12.60% | 11.38% | 6.57% | 2.32% | 0.07% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| | | | | Actual | 5.792% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | PROVISIONAL SUMS AND PROVISIONAL ITEMS | 672,130,000 | 2.27% | Planed | 27.671% | 0.00% | 0.00% | 0.00% | 0.00% | 2.56% | 2.74% | 2.83% | 2.74% | 2.83% | 2.83% | 2.83% | 2.74% | 2.83% | 2.83% | 2.83% | 2.83% | 2.83% | 2.83% | 2.83% | 2.74% | 2.83% | 2.83% | 2.74% | 2.83% | 2.74% | 2.83% | 2.83% | 2.56% | 2.83% | 2.74% | 2.83% | 2.74% | 2.83% | 2.83% | 2.74% | 2.83% | 2.74% | 2.83% | 2.83% | 2.65% | 0.18% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| | | | | Actual | 0.000% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | DAYWORK SCHEDULE | 17,823,300 | 0.06% | Planed | 0.000% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | 3.85% | |
| | | | | Actual | 0.000% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SUM | 29,640,240,000 | 100.00% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Plan | % Progress of Works | | | | | 0.02% | 0.03% | 0.06% | 0.34% | 0.59% | 0.89% | 1.69% | 1.67% | 1.68% | 1.61% | 1.91% | 1.67% | 2.08% | 1.82% | 1.81% | 2.16% | 2.06% | 1.87% | 1.23% | 1.42% | 2.05% | 1.85% | 2.17% | 2.33% | 2.89% | 2.75% | 2.92% | 2.76% | 2.85% | 3.12% | 3.06% | 2.85% | 2.98% | 2.72% | 2.36% | 2.32% | 2.39% | 2.55% | 3.50% | 3.94% | 3.71% | 3.86% | 3.38% | 2.64% | 1.29% | 0.08% | |
| | % Accumulative Progress of works | | | | | 0.02% | 0.05% | 0.11% | 0.46% | 1.05% | 1.93% | 3.62% | 5.29% | 6.97% | 8.58% | 10.49% | 12.15% | 14.24% | 16.21% | 18.29% | 20.11% | 21.92% | 24.08% | 26.14% | 28.02% | 29.25% | 30.67% | 32.72% | 34.58% | 36.75% | 39.08% | 41.97% | 44.73% | 47.65% | 50.41% | 53.25% | 56.37% | 59.44% | 62.29% | 65.27% | 67.99% | 70.34% | 72.66% | 75.05% | 77.61% | 81.11% | 85.04% | 88.75% | 92.61% | 95.99% | 98.63% | 99.92% | 100.00% | |
| | Total Amount (MB) | | | | | 7 | 9 | 18 | 102 | 174 | 263 | 500 | 494 | 498 | 476 | 567 | 494 | 617 | 584 | 616 | 541 | 536 | 640 | 612 | 555 | 365 | 421 | 609 | 549 | 644 | 691 | 858 | 816 | 866 | 817 | 844 | 925 | 908 | 845 | 883 | 806 | 699 | 687 | 709 | 756 | 1,038 | 1,167 | 1,099 | 1,143 | 1,001 | 784 | 382 | 24 | |
| | Accumulative Total Amount (MB) | | | | | 7 | 16 | 34 | 136 | 310 | 573 | 1,074 | 1,568 | 2,066 | 2,542 | 3,108 | 3,602 | 4,220 | 4,804 | 5,420 | 5,961 | 6,497 | 7,137 | 7,749 | 8,304 | 8,670 | 9,090 | 9,699 | 10,248 | 10,892 | 11,583 | 12,441 | 13,257 | 14,124 | 14,940 | 15,785 | 16,709 | 17,618 | 18,463 | 19,345 | 20,151 | 20,850 | 21,537 | 22,246 | 23,003 | 24,040 | 25,207 | 26,307 | 27,450 | 28,451 | 29,234 | 29,617 | 29,640 | |
| Actual | % Progress of Works | | | | | 0.07% | 0.11% | 0.11% | 0.17% | 0.41% | 0.09% | 0.39% | 0.59% | 0.87% | 0.98% | 0.69% | 1.31% | 1.21% | 0.81% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| | % Accumulative Progress of works | | | | | 0.07% | 0.18% | 0.29% | 0.46% | 0.87% | 0.96% | 1.35% | 1.94% | 2.80% | 3.78% | 4.47% | 5.78% | 6.99% | 7.80% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total Amount (MB) | | | | | 21 | 33 | 32 | 49 | 122 | 27 | 115 | 175 | 257 | 289 | 205 | 388 | 358 | 241 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Accumulative Total Amount (MB) | | | | | 21 | 55 | 86 | 136 | 257 | 284 | 399 | 573 | 830 | 1,120 | 1,325 | 1,713 | 2,072 | 2,312 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cumulative Progress Difference in % against Planing | | | | | | 0.05% | 0.13% | 0.18% | 0.00% | -0.18% | -0.97% | -2.27% | -3.35% | -4.17% | -4.80% | -6.02% | -6.37% | -7.25% | -8.41% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cumulative Progress Difference in (MB) % against Planing | | | | | | 15 | 39 | 53 | 0 | -53 | -289 | -675 | -994 | -1,235 | -1,422 | -1,783 | -1,889 | -2,148 | -2,492 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |