LAST SAS DECK SEGMENT PLACED
October 28, 2011

SAS DECKS
- There are 28 steel deck sections that make up the SAS
- SAS deck sections weigh 30,000 tons collectively
- The final deck section is 67.3-feet-long
- The final deck section weighs 1,049.4 tons
- The lightest deck section weighs 559 tons
- The heaviest deck section weighs 1,669 tons
- The shortest deck section is 64 feet long
- The longest deck section is 229 feet long
- Approximately 4,500 bolts are used to connect one deck section to another
- There are approximately 350,000 bolts used to connect all 28 sections
- The first SAS deck section was placed on February 3, 2010
- The final SAS deck section was lifted on October 28, 2011

SAS TOWER
- The tower is 525 feet tall and comprised of four pentagonal legs
- The cable saddle on top of the tower weighs 456 tons and is the world's largest saddle for a suspension bridge

SAS MAIN CABLE
- The single main cable is nearly 1-mile long
- The main cable will weigh 5,291 tons
- The cable is comprised of 137 bundles which each have 127 steel wires for a total of 17,399 wires
- Each steel wire in the main cable is 5mm in diameter
- The diameter of the main cable is 2.6 ft

SAS GENERAL STATS
- The SAS requires 51,800 tons of steel for its deck and tower
- The SAS will be the longest bridge of its kind in the world at 2,047 feet
- The SAS is the first suspension bridge without a connection between the decks and tower
- The SAS is the first bridge to use fusible shear links in the tower to protect the tower legs during an earthquake

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