

CCSD93 Facility Environmental Initiatives

Year	Project	Description	Environmental Benefit
2012	Parking Lot Replacement - Western Trails Elementary School	Replaced asphalt parking lot with permeable pavers.	Provides water retention, promotes the natural water cycle and help remove pollutants from water.
2012	Boiler Replacement at Elsie Johnson Elementary School	Replaced existing boilers with condensing boilers	Increases the efficiency of heating the building thereby reducing utility cost and usage.
2012	Early Childhood Center Construction	Constructed LEED certified building with a Geothermal heating/cooling system	LEED certified building and Geothermal heating and cooling system will reduce utility cost and usage.
Year	Project	Description	Environmental Benefit
2013	Parking Lot Replacement - Carol Stream Elementary School	Replaced asphalt parking lot with permeable pavers.	Provides water retention, promotes the natural water cycle and help remove pollutants from water.
2013	Boiler Replacement at Western Trails Elementary School	Replaced existing boilers with condensing boilers	Increases the efficiency of heating the building thereby reducing utility cost and usage.
2013	Cooling Tower Installation at Stratford Middle School	Installed a cooling tower and modular chiller system.	Increases efficiency of the cooling the building thereby reducing utility cost and usage.
Year	Project	Description	Environmental Benefit
2014	Roof Top Unit (RTU) Replacement at Jay Stream Middle School	Replaced 5 RTU's with energy efficient units	Increases efficiency of heating and cooling the building thereby reducing utility cost and usage.
2014	Boiler Control Replacement at Jay Stream Middle School	Retrofitted existing burners and controls on two boilers and repiped.	Increases the efficiency and effectiveness of heating during mild tempered days thereby reducing utilize cost and usage.
2014	Building Control System Replacement at Jay Stream Middle School	Replace existing pneumatic control system with a DDC BAS system.	Increases the ability to more accurately monitor and maintain appropriate temperatures in the building. This results in a more efficient system thereby reducing utility usage and cost.
2014	Parking Lot Replacement - Roy DeShane Elementary School	Replaced asphalt parking lot with permeable pavers.	Provides water retention, promotes the natural water cycle and help remove pollutants from water.

Year	Project	Description	Environmental Benefit
2015	Window Replacement at Carol Stream Elementary School	Replace all exterior windows at the school.	Increased efficiency of windows thereby reducing utility cost and usage.
2015	Exterior Lighting Replacement at Carol Stream Elementary School	Replaced all exterior building and parking lot lights with LED type.	Reduces utility cost and usage.
2015	Exterior Lighting Replacement at Roy DeShane Elementary School	Replaced all exterior building and parking lot lights with LED type.	Reduces utility cost and usage.
2015	Exterior Lighting Replacement at Western Trails Elementary School	Replaced all exterior building and parking lot lights with LED type.	Reduces utility cost and usage.
2015	Boiler Replacement at Roy DeShane Elementary School	Replaced existing boilers with condensing boilers	Increases the efficiency of heating the building thereby reducing utility cost and usage.
2015	Hallway Floor Replacement at Elsie Johnson Elementary School	Replaced hallway flooring at the school	Installed a no-finish, low maintenance product that minimizes the need for chemicals to maintain the floor.
Year	Project	Description	Environmental Benefit
2016	Parking Lot Replacement at Jay Stream Middle School	Replaced asphalt parking lot with permeable pavers.	Provides water retention, promotes the natural water cycle and help remove pollutants from water.
2016	Hallway Floor Replacement at Roy DeShane Elementary School	Replaced hallway flooring at the school	Installed a no-finish, low maintenance product that minimizes the need for chemicals to maintain the floor.