OVERVIEW:
The preliminary project design consists of construction of an approximately 4,800-linear foot-long flood control channel, including a 4,200-foot long trapezoidal channel with concrete side slope and articulating block invert, a 50-foot long double concrete box, and a 560-foot long rectangular concrete channel section. The improved channel will replace an interim earthen channel and provide increased flood protection for the area. The channel will include two transition structures. The channel will also consist of a riprap junction structure with English Channel which joins from the northwest. The channel improvements will allow for ultimate flows to be conveyed within District Right-of-Way.

LIMITS:
- Pipeline Ave.
- Peyton Dr.

IMPROVEMENTS:
The project consists of demolition of the existing drainage structures and constructing concrete rectangular channel and reinforced concrete box culverts.

SCHEDULE:
- Estimated Construction Commencement: 2021/2022
- *Dependent on funding availability
New channel with concrete side slope and articulating block invert – looking east from Peyton Dr.
New rectangular concrete channel, 3-cell concrete box and concrete side slope and articulating block invert – looking west from Pipeline Ave.
The openings in articulating blocks allow vegetation to reestablish in channel bed—new channel looking west along Daisy Dr.
CARBON CANYON CHANNEL PROJECT

View before vegetation reestablishment in channel bed – new channel looking west along Daisy Dr.
View before vegetation reestablishment in channel bed – new channel looking west along Daisy Dr.
Access ramp for maintenance activities—new channel looking west/southwest from Yellowstone Cir.