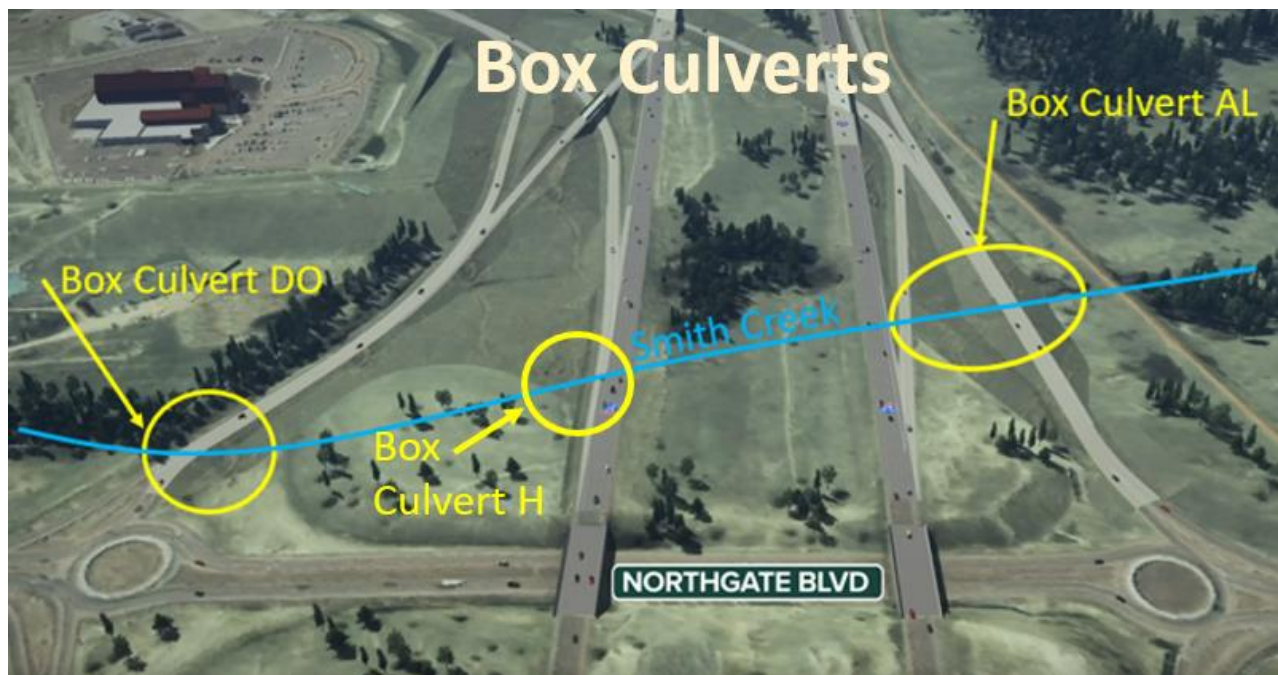


Looking west from the Spectrum Loop bridge toward the USAFA. Work is in various stages on all six bridges: DI, DJ, QJ & DK. Bridges DI & DJ are on northbound I-25 and accommodate the fly under from southbound I-25 to eastbound Powers (DJ) and from westbound Powers to southbound I-25 (DI). Bridge QJ accommodates the off ramp from southbound I-25 to eastbound Powers, which goes over westbound Powers to southbound I-25. Bridge DK handles westbound Powers to northbound I-25 and goes under the northbound I-25 off ramp to North Gate Boulevard. At bridge DH southbound I-25 goes over the on ramp for westbound Powers to southbound I-25. At bridge DF southbound I-25 goes over the ramp, which takes traffic from North Gate Boulevard and southbound I-25 to east bound Powers. All six bridges are being constructed by Lobato Construction out of Westminster, Colorado.



Flow from Smith Creek goes through Box Culvert DO, which carries traffic from westbound Powers and northbound I-25 to North Gate Boulevard. Box culvert H is an extension of the existing box culvert under I-25, which is needed to accommodate the new westbound Powers to northbound I-25 ramp. Box culvert AL is an extension of the existing box culvert under northbound I-25. The extension is required to accommodate the ramp from North Gate Boulevard to eastbound Powers and southbound I-25 along with the ramp from southbound I-25 to eastbound Powers.



# Powers & I-25 Interchange – September 21, 2020

trm

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June 12<sup>th</sup>, the deck was poured for Bridge DI. The deck was poured July 1<sup>st</sup> for bridge DJ. Bridge DI has a clearance of 33-feet and accommodates the ramp from westbound Powers to southbound I-25. The 33-feet of clearance is needed to get this same ramp under southbound I-25 at a minimum clearance of 16.5-feet.



July 1<sup>st</sup>, the deck was poured for bridge DJ, which and accommodates the fly under from southbound I-25 to eastbound Powers.



# Powers & I-25 Interchange – September 21, 2020

trm

3



June 23<sup>rd</sup>, girders were set for bridge DK. Each girder is 120-feet long and 4.5-feet deep.



July 20<sup>th</sup>, the deck was poured for bridge DK. Traffic from westbound Powers to northbound I-25 goes under the DK bridge. Traffic from northbound I-25 off ramp to North Gate Boulevard goes over the DK bridge.



# Powers & I-25 Interchange – September 21, 2020

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July 8<sup>th</sup>, Pier cap was poured for bridge QJ. Bridge QJ accommodates the off ramp from southbound I-25 to eastbound Powers and goes over westbound Powers ramp to southbound I-25.



July 22<sup>nd</sup>, girders have arrived and are being set for the two span QJ bridge. Each girder is 3.5-feet deep and 95-feet long.





Bridge QJ is two-span with a slight curve. Prestressed concrete deck panels are placed between the girders.



Epoxy coated rebar is placed over the deck panels. Bridge QJ is now ready for the deck to be poured. Bridge DI & Bridge DJ are in the background.



# Powers & I-25 Interchange – September 21, 2020

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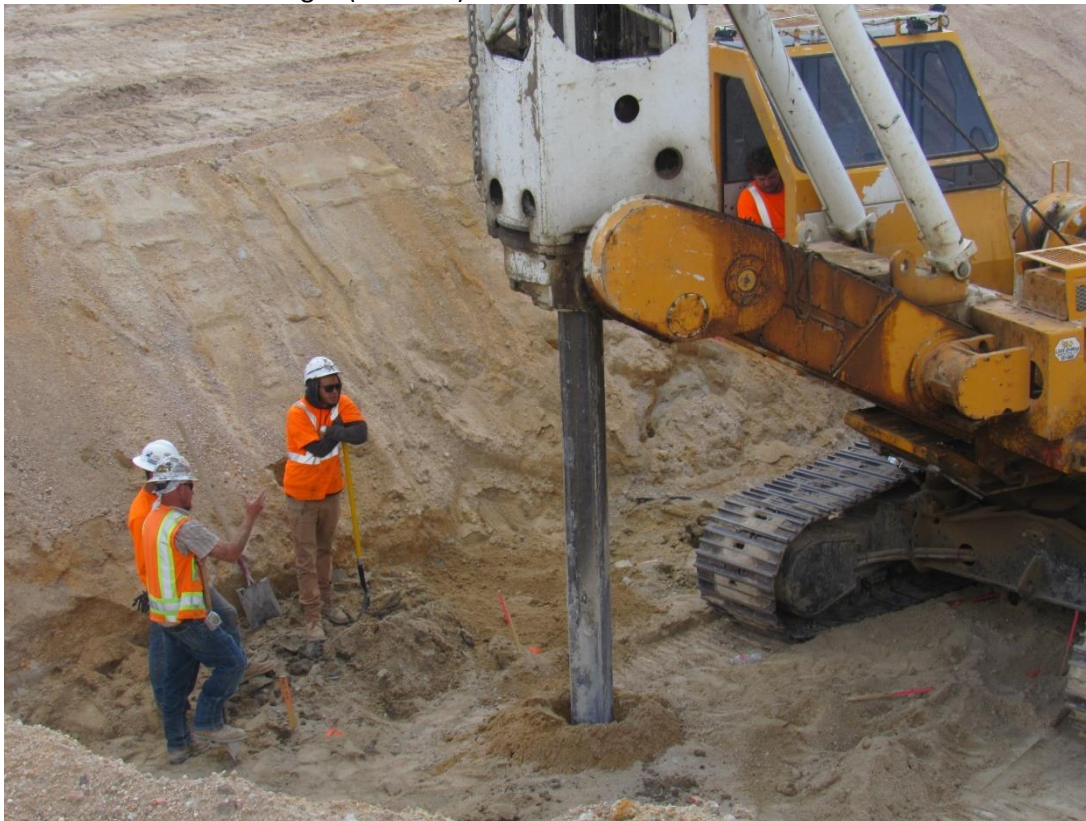
June 23rd, Pyramid Construction out of Colorado Springs, starts paving the southbound detour.



Southbound detour was opened to traffic on July 2<sup>nd</sup>. This allows work to begin on the two southbound I-25 bridges.



After the detour is opened, Dwire Earthmoving out of Colorado Springs removes the pavement necessary to install the new southbound I-25 bridges (DF & DH).



Holes are pre-drilled at Bridge DH for the installation of piling by LMS Drilling out of Brighton, Colorado





Using a pile driver, the piling are driven to refusal.



After the piling are in place, they are cut off and encased in concrete – the abutments. Bridge DH is being built on grade, which means the dirt will be removed after the bridge is constructed.



# Powers & I-25 Interchange – September 21, 2020

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The first girder for Bridge DH was set on September 1<sup>st</sup>.



These girders are big. 170-foot long and 7-foot high. Each girder weighs approximately 85-tons.





The girders for Bridge DF are bigger. These girders are 7.5-feet deep and 200-feet long. Each girder weighs approximately 100-tons. The girders were set on September 3<sup>rd</sup> and 4<sup>th</sup>.



HTM Construction out of Lakewood, Colorado is constructing a soil nail wall along the west side of southbound I-25. The new on-ramp to southbound I-25 will be to the right of the wall. The wall will receive an aesthetic structural coating.



# Powers & I-25 Interchange – September 21, 2020

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July 13<sup>th</sup>, extension for box culvert H is complete. The ramp from westbound Powers and from northbound I-25 to North Gate Boulevard will cross Smith Creek at the new two cell box culvert. The box culvert is 91-feet long.



Box culvert H is being backfilled and large rock placed at the outlet to slow down stormwater flows.



# Powers & I-25 Interchange – September 21, 2020

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Located on the west side of I-25, Box Culvert AL is being constructed to take traffic from southbound I-25 and North Gate Boulevard to eastbound Powers and from North Gate Boulevard to southbound I-25. Box Culvert AL is 277-feet long. The box culverts are being constructed by Wildcat Construction out of Colorado Springs



Redline Pipeline out of Monument, Colorado is installing storm sewer down the mainline of Powers. Redline is being assisted by R. E. Monks Construction out of Colorado Springs.



# Powers & I-25 Interchange – September 21, 2020

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Dwire Excavating out of Colorado Springs continues to move dirt. Approximately 1,500,000 – cubic yards have been moved. Several hundred thousand more to go.



Looking southwest at the location of the northbound I-25 ramp to eastbound Powers. The slopes were recently topsoiled and will be seeded soon.



Two exciting venues are under construction in Polaris Pointe



Opening Spring 2021



Rocky the Mountain Lion breaks ground on AirCity360 Premier Adventure Park  
Opening Spring 2021

