

Change Order #8 Dicker Road

Owner: Hidalgo County Precinct #2

To: Earthworks Enterprise, LLC
PO Box 595
Penitas, Texas 78576

From: B2Z Engineering

Project: Dicker Road
Project #: STP 1902 (383) MM
Contract: C-19-017-11-05
CSJ: 0921-02-312
Limits: Spur 115 (23rd Street) to FM 2061 (Jackson Road)

Change Order #8 has been approved to make the following contract changes:

Description:

Change Order #8 adds an additional fifty-one (51) days to the contract time and three (3) months of barricades to the Dicker Road Project. These additions are needed because of the additional work (12x8 box culvert crossing) that was performed by Hidalgo County Drainage District No. 1's (HCDD1) contractor and because of the additional riprap work that was approved under CO#7 near the Main Canal.

There are no plan sheets with CO#8, and the only quantity changes are the three (3) months of barricades. The Dicker Road as-builts will include the new 12x8 culvert crossing.

A detailed explanation is provided below:

- 1) ***Added time and barricades for a new 12x8 Box Culvert Crossing installed by HCDD#1***
The Hidalgo County Drainage District No. 1 installed a new 12x8 box culvert across Dicker Road. Earthworks agreed to work around the new crossing, under the condition that their original time would not be impacted by the work. However, due to unforeseen circumstances, Earthworks' schedule was severely impacted. The new 12x8 box culvert was cast in place across Dicker Road in two construction segments. This delayed Earthworks' progress by 61 days, but they are only requesting 30 days. Hidalgo County Precinct No. 2 grants the thirty-one (31) days and two (2) months of barricades for delays created by others.

- 2) ***Additional time and barricades for riprap added by CO #7 (4" and 5" Riprap Plan Quantity Error)***
Change Order #7 added over 200cy of riprap near the Main Canal due to a plan error but did not adjust for time or barricades. Earthworks did not request time in CO #7 because they did not anticipate the delay created by another contractor. Earthwork's request for an additional 20 days is reasonable. Hidalgo County Precinct No. 2 grants the twenty (20) days and one (1) month of barricades for delays created by others.

Purpose:

Hidalgo County Precinct No. 2 agrees to add fifty-one (51) days and three (3) months of barricades to the Dicker Road Project for delays caused by others.

Change Order #8 has been reviewed and signed by the Contractor and AE.

The County is familiar with Change Order #8 and agrees to incorporate all the changes listed herein. These changes in work identified during construction impacts the construction progress at this time. The changes do not impact the original environmental assessment, do not impact TDLR elements, do not impact wetlands, and do not impact waters of the US, archeological, historical or social issues; endangered species or any other regulated areas within the project. This change order does not cause a disturbance that would require modification to the Construction Site Notice (CSN) or Notice of Intent (NOI).

B2Z has reviewed the change order with Hidalgo County Precinct No. 2 and has explained the breakdown of items and amounts according to the governing Specification 1L-9L. See TxDOT Change Order Form 2146-L used to describe changes.

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIME:
Original Contract Price <u>\$16,519,063.02</u>	Original Contract Time <u>460 working Days</u>
Previous Change Orders <u>-\$834,204.56</u>	Previous Change Orders 0 Working Days

Contract Price prior to this Change Order <u>\$15,684,858.46</u>	Contract Time prior to this Change Order <u>460 Working Days</u>
Net increase/decrease of the Change Order <u>\$5,756.07</u>	Net increase/decrease of the Change Order <u>51 Working Days</u>
Contract Price with all approved Change Orders <u>\$15,690,614.53</u>	Contract Time with all approved Change Orders <u>511 Working Days</u>

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	Performance % Complete	2021						2022						
								Oct	Nov	Dec	Jan	Feb	Mar							
Dicker Road Reconstruction - Schedule Update 11-30-2021																				
Dicker Road Reconstruction - Schedule Update 11-30-2021																				
Administration / General Conditions																				
A1000	Notice to Proceed (NTP)	0	0	06-Jan-20A	14-Feb-22	0	100%													
A1660	Period of Performance (Work Days)	361	52	06-Jan-20A	14-Feb-22	0	85.6%													
A1650	Project Complete	0	0		14-Feb-22	0	0%													
Project Setup																				
A1020	TCP Advance Warning Signs	3	0	07-Jan-20A	10-Jan-20A		100%													
A1030	TCP Installation Temp Striping (23rd - 10th)	3	0	07-Jan-20A	10-Jan-20A		100%													
A1010	Mobilization	3	0	07-Jan-20A	10-Jan-20A		100%													
A1040	SW3P Installation	7	1	10-Jan-20A	01-Dec-21	0	90%													
A1050	Prep ROW	10	0	10-Jan-20A	24-Jan-20A		100%													
A1060	CTB SGL Slope	10	0	01-Dec-20A	14-Dec-20A		100%													
Construction Phase																				
Phase 1																				
A1910	Start Phase 1	0	0	10-Jan-20A			100%													
A1920	Phase 1 Finish	0	0		20-May-20A		100%													
Irrigation / Drainage - Phase 1																				
A1070	Irrigation Crossings (23rd - 10th) (PH1) North	15	0	10-Jan-20A	28-Feb-20A		100%													
A1080	Drainage Outfall A (23rd - 10th) (PH1) North	15	0	10-Jan-20A	05-Feb-20A		100%													
A1680	Drainage System A (23rd - 10th) (PH1) North	20	0	31-Jan-20A	28-Feb-20A		100%													
North Side Bridge Widening - Phase 1																				
A1110	North Side Bridge Widening STA 10+00 to STA 20+00 (23rd - 10th) (PH1)	19	0	10-Jan-20A	10-Feb-20A		100%													
A1970	North Side Bridge Widening STA 20+00 to STA 30+00 (23rd - 10th) (PH1)	19	0	06-Feb-20A	10-Mar-20A		100%													
A1980	North Side Bridge Widening STA 30+00 to STA 40+00 (23rd - 10th) (PH1)	19	0	04-Mar-20A	30-Mar-20A		100%													
A1990	North Side Bridge Widening STA 40+00 to STA 50+00 (23rd - 10th) (PH1)	19	0	31-Mar-20A	24-Apr-20A		100%													
A2000	North Side Bridge Widening STA 50+00 to STA 60+00 (23rd - 10th) (PH1)	19	0	27-Apr-20A	18-May-20A		100%													
North Side Detour (23rd - 10th) - Phase 1																				
A1670	Salv Haul, Skipl Rd APH PV (Milling) (23rd - 10th) (PH1) North	4	0	10-Jan-20A	21-Jan-20A		100%													
A1120	Excavation (23rd - 10th) (PH1) North	15	0	13-Jan-20A	08-Feb-20A		100%													
A1130	Subgrade (23rd - 10th) (PH1) North	20	0	08-Feb-20A	06-Mar-20A		100%													
A1140	Flex Base STA 10+00 to STA 35+00 (23rd - 10th) (PH1) North	15	0	06-Mar-20A	26-Mar-20A		100%													
A2010	Flex Base STA 35+00 to STA 60+00 (23rd - 10th) (PH1) North	15	0	24-Mar-20A	18-Apr-20A		100%													
A1690	Curb & Gutter (23rd - 10th) (PH1) North	15	0	14-Apr-20A	08-May-20A		100%													
A1150	HMAC 4.5" (23rd - 10th) (PH1) North	6	0	07-May-20A	16-May-20A		100%													
A1700	HMAC 1.5" (23rd - 10th) (PH1) North	5	0	07-May-20A	20-May-20A		100%													
Phase 2																				
A1940	Start Phase 2	0	0	10-May-20A	14-Dec-21	0	0%													
A1930	Phase 2 Finish	0	0		14-Dec-21	0	0%													
South Side Road Work - Phase 2																				
A1250	CTB Low Profile (10th - McColl) (PH2)	2	0	29-Sep-20A	30-Sep-20A		100%													
A1260	South Side Widening @ Intersections (10th - McColl) (PH2)	25	3	01-Dec-20A	03-Dec-21	1	90%													

█ Remaining Level of Effort
 █ DELAY
 █ Actual Work
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 Summary
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Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	Performance % Complete	2021						
								Oct	Nov	Dec	Jan	Feb	Mar	
A1270	Salv,Haul,Stkpl RdAPH PV (Milling) (10th - McColl) (PH2)	15	0	02-Dec-20A	22-Dec-20A		100%							
South Side Bridge Widening - Phase 2		15	1	10-May-20A	01-Dec-21	3	0%	01-Dec-21, South Side Bridge Widening - Phase 2						
A1280	South Side Bridge Widening STA60+00 to STA 83+00 (10th - McColl) (PH2)	15	1	10-May-20A	01-Dec-21	3	95%	South Side Bridge Widening STA60+00 to STA 83+00 (10th - McColl) (PH2)						
A2020	South Side Bridge Widening STA83+00 to STA 106+00 (10th - McColl) (PH2)	15	1	10-May-20A	01-Dec-21	3	95%	South Side Bridge Widening STA83+00 to STA 106+00 (10th - McColl) (PH2)						
North Side Road Widening (10th - McColl) - Phase 2		105	3	23-Dec-20A	06-Dec-21	0	0%	06-Dec-21, North Side Road Widening (10th - McColl) - Phase 2						
A1370	Excavation (10th - McColl) (PH2) North	8	1	23-Dec-20A	02-Dec-21	0	90%	Excavation (10th - McColl) (PH2) North						
A1380	Subgrade (10th - McColl) (PH2) North	6	0	06-Jan-21A	02-Dec-21	0	95%	Subgrade (10th - McColl) (PH2) North						
A1390	Flex Base (10th - McColl) (PH2) North	12	1	14-Jan-21A	06-Dec-21	0	90%	Flex Base (10th - McColl) (PH2) North						
A1400	HMAC (10th - McColl) (PH2) North	3	1	18-May-21A	06-Dec-21	0	80%	HMAC (10th - McColl) (PH2) North						
South Side Road Widening (10th - McColl) - Phase 2		226	5	13-Jan-21A	14-Dec-21	0	0%	14-Dec-21, South Side Road Widening (10th - McColl) - Phase 2						
A1850	Excavation (10th - McColl) (PH2) South	5	0	13-Jan-21A	19-Jan-21A		100%	Excavation (10th - McColl) (PH2) South						
A1860	Subgrade (10th - McColl) (PH2) South	8	0	22-Jan-21A	07-Dec-21	0	95.99%	Subgrade (10th - McColl) (PH2) South						
A1870	Flex Base (10th - McColl) (PH2) South	7	1	25-Jan-21A	07-Dec-21	0	90%	Flex Base (10th - McColl) (PH2) South						
A2070	HCDD #1 Culvert Crossing	31	0	20-Apr-21A	02-Jun-21A		100%	Culvert Crossing						
A1880	Curb & Gutter (10th - McColl) (PH2) South	6	0	12-May-21A	11-Oct-21A		100%	Curb & Gutter (10th - McColl) (PH2) South						
A1890	Sidewalk (10th - McColl) (PH2) South	12	4	24-May-21A	13-Dec-21	0	70%	Sidewalk (10th - McColl) (PH2) South						
A1900	HMAC 1.5" (10th - McColl) (PH2) South	4	1	05-Aug-21A	14-Dec-21	0	80%	HMAC 1.5" (10th - McColl) (PH2) South						
A2060	Additional Concrete Rip Rap at East Side of San Juan Canal	20	1	02-Nov-21A	08-Dec-21	3	95%	Additional Concrete Rip Rap at East Side of San Juan Canal						
Phase 3		412	1	17-Apr-20A	01-Dec-21	0	0%	01-Dec-21, Phase 3						
A1950	Start Phase 3	0	0	17-Apr-20A			100%	Start Phase 3						
A1960	Phase 3 Finish	0	0		01-Dec-21	0	0%	Phase 3 Finish						
Irrigation/Drainage - Phase 3		45	0	20-Apr-20A	06-Jul-20A		0%	Irrigation/Drainage - Phase 3						
A1720	Drainage Outfall C (McCull - Jackson) (PH3)	20	0	20-Apr-20A	06-Jul-20A		100%	Drainage Outfall C (McCull - Jackson) (PH3)						
A1710	Irrigation Crossings (McCull - Jackson) (PH3)	15	0	13-May-20A	20-Jun-20A		100%	Irrigation Crossings (McCull - Jackson) (PH3)						
A1810	Drainage System C (McCull - Jackson) (PH3)	25	0	18-May-20A	22-Jun-20A		100%	Drainage System C (McCull - Jackson) (PH3)						
North Side Bridge Widening - Phase 3		39	0	10-May-20A	01-Dec-20A		0%	North Side Bridge Widening - Phase 3						
A1790	North & South Side Bridge Widening STA 106+00 to STA 127+79.98 (McCull - Jackson) (PH3)	20	0	10-May-20A	01-Dec-20A		100%	North & South Side Bridge Widening STA 106+00 to STA 127+79.98 (McCull - Jackson) (PH3)						
A2030	North & South Side Bridge Widening STA 127+79.98 to STA 149+59.97 (McCull - Jackson) (PH3)	20	0	08-Jun-20A	01-Dec-20A		100%	North & South Side Bridge Widening STA 127+79.98 to STA 149+59.97 (McCull - Jackson) (PH3)						
North Side Detour (McCull Rd - Jackson) - Phase 3		161	1	17-Apr-20A	01-Dec-21	0	0%	01-Dec-21, North Side Detour (McCull Rd - Jackson) - Phase 3						
A1800	Salv,Haul,Stkpl RdAPH PV (Milling) (McCull - Jackson) (PH3) North	6	0	17-Apr-20A	20-Apr-20A		100%	Salv,Haul,Stkpl RdAPH PV (Milling) (McCull - Jackson) (PH3) North						
A1750	Excavation (McCull - Jackson) (PH3) North	12	0	21-Apr-20A	30-Sep-20A		100%	Excavation (McCull - Jackson) (PH3) North						
A1760	Subgrade (McCull - Jackson) (PH3) North	15	0	10-May-20A	30-Sep-20A		100%	Subgrade (McCull - Jackson) (PH3) North						
A1770	Flex Base (McCull - Jackson) (PH3) North	20	0	12-Jun-20A	02-Oct-20A		100%	Flex Base (McCull - Jackson) (PH3) North						
A1820	Curb & Gutter (McCull - Jackson) (PH3) North	20	0	08-Jul-20A	06-Oct-20A		100%	Curb & Gutter (McCull - Jackson) (PH3) North						
A1840	Sidewalk (McCull - Jackson) (PH3) North	20	1	10-Sep-20A	01-Dec-21	0	96%	Sidewalk (McCull - Jackson) (PH3) North						
A1780	HMAC 4.5" (McCull - Jackson) (PH3) North	6	0	06-Oct-20A	09-Oct-20A		100%	HMAC 4.5" (McCull - Jackson) (PH3) North						
A1830	HMAC 1.5" STA 106+00 to STA 121+00 (McCull - Jackson) (PH3) North	20	0	12-Oct-20A	27-Oct-20A		100%	HMAC 1.5" STA 106+00 to STA 121+00 (McCull - Jackson) (PH3) North						
A2040	HMAC 1.5" STA 121+00 to STA 136+00 (McCull - Jackson) (PH3) North	20	0	27-Oct-20A	12-Nov-20A		100%	HMAC 1.5" STA 121+00 to STA 136+00 (McCull - Jackson) (PH3) North						
A2050	HMAC 1.5" STA 136+00 to STA 149+59.97 (McCull - Jackson) (PH3) North	15	0	12-Nov-20A	25-Nov-20A		100%	HMAC 1.5" STA 136+00 to STA 149+59.97 (McCull - Jackson) (PH3) North						
Phase 4		340	34	10-Dec-20A	01-Feb-22	0	0%	01-Feb-22, Phase 4						
A1550	Traffic Signals & Loops (PH4)	20	4	10-Dec-20A	24-Jan-22	0	80%	Traffic Signals & Loops (PH4)						
A1560	Pavement Markings & Signs (PH4)	20	5	13-Dec-20A	25-Jan-22	0	75%	Pavement Markings & Signs (PH4)						
A1540	HMAC Final 1.5" (PH4)	18	4	18-Dec-20A	18-Jan-22	0	80%	HMAC Final 1.5" (PH4)						

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								Oct	Nov	Dec	Jan	Feb	Mar
A1570	Hydromulch Seeding (PH4)	15	5	26-Dec-20 A	25-Jan-22	0	65%	[Gantt bar: Oct 26 - Nov 15]					
A1530	Milling & Overlay @ 10th and McColl Intersection (PH4)	20	20	14-Dec-21	13-Jan-22	0	0%	[Gantt bar: Dec 14 - Jan 13]					
A1580	Remove TCP Advance Warning Signs (PH4)	5	5	25-Jan-22	01-Feb-22	0	0%	[Gantt bar: Jan 25 - Feb 01]					
Post-Construction / Close-Out		14	14	25-Jan-22	14-Feb-22	0	0%						
A1590	Pre-Final Inspection	2	2	25-Jan-22	27-Jan-22	1	0%	[Gantt bar: Jan 25 - Jan 27]					
A1600	Punchlist/Punchlist Corrections	7	7	27-Jan-22	07-Feb-22	1	0%	[Gantt bar: Jan 27 - Feb 07]					
A1610	Prepare & Submit As-Builts	4	4	01-Feb-22	07-Feb-22	0	0%	[Gantt bar: Feb 01 - Feb 07]					
A1630	Final Inspection	2	2	07-Feb-22	09-Feb-22	1	0%	[Gantt bar: Feb 07 - Feb 09]					
A1620	Review & Approve As-Builts	7	7	07-Feb-22	14-Feb-22	0	0%	[Gantt bar: Feb 07 - Feb 14]					
A1640	Demobilize & Clean-Up	2	2	09-Feb-22	11-Feb-22	1	0%	[Gantt bar: Feb 09 - Feb 11]					

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