



Contract Modification

Fishbeck

8/2/2024 4:42 PM

FieldManager 5.3c

Contract: _221935, Ann Arbor Medical Center Drive Bridge

Cont. Mod. Number 4	Revision Number	Cont. Mod. Date 7/25/2024	Electronic File Created No	Net Change \$1,017,851.86	Awarded Contract Amount \$10,173,757.03
Route	Managing Office Fishbeck		District -0	Entered By Mary Beth Jack	
Contract Location					

Short Description

Requesting authorization to adjust and add pay items.

Description of Changes

- A. Original Contract Amount: \$10,173,757.03
- B. Current Contract Amount: \$11,607,881.33
- C. Net Total Change (B-A): \$1,434,124.30
- D. Net Percent Change (C/A*100): 14.10%
- E. Local Agency: City of Ann Arbor

Increases / Decreases

Item Description	Item Code	Prop. Line	Proj. Line	Project	Catg.	Item Type	Quantity Change	Unit	Unit Price	Dollar Value
_ Aggregate Base Course, 21AA Modified	3027021	0019	0140	221935	1	Original	39.000	Cyd	125.00000	\$4,875.00
_ Aggregate Base Course, 21AA Modified	3027021	0019	0145	221935	2	Original	1.000	Cyd	125.00000	\$125.00
_ Cold Milling HMA Surface, Modified	5017011	0028	0220	221935	1	Original	-85.000	Syd	11.00000	\$-935.00
_ Structural Steel, Galvanizing(STR 11065)	7077051	0059	0440	221935	1	Original	-1.000	LS	450,000.00000	\$-450,000.00
Reason: Per Work Order #3										
Bridge Ltg, Oper and Maintain	7060002	0039	0280	221935	1	Original	9.000	Cyd	0.01000	\$0.09



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Increases / Decreases

Item Description	Item Code	Prop. Line	Proj. Line	Project	Catg.	Item Type	Quantity Change	Unit	Unit Price	Dollar Value
Bridge Ltg, Oper and Maintain	7060002	0039	0285	221935	2	Original	2.000	Cyd	0.01000	\$0.02
Pavt, Rem	2040050	0006	0030	221935	1	Original	104.000	Syd	50.00000	\$5,200.00
Reinforcement, Mechanical Splice	7120084	0069	0490	221935	1	Original	6.000	Ea	55.00000	\$330.00
Reinforcement, Steel, Epoxy Coated	7060092	0043	0310	221935	1	Original	354.000	Lb	1.85000	\$654.90
Reinforcement, Steel, Epoxy Coated	7060092	0043	0315	221935	2	Original	217.000	Lb	1.85000	\$401.45
Structural Steel, Mixed, Erect	7070050	0055	0415	221935	1	Original	-11,073.000	Lb	2.50000	\$-27,682.50
Reason: Per Work Order #3										
Superstructure Conc, Night Casting	7060113	0048	0360	221935	1	Original	9.000	Cyd	250.00000	\$2,250.00
Superstructure Conc, Night Casting	7060113	0048	0355	221935	2	Original	2.000	Cyd	250.00000	\$500.00

Total Dollar Value: \$-464,281.04



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New Items

Item Description	Item Code	Prop. Line	Proj. Line	Project	Catg.	ItemType	Proposed Quantity	Unit	Unit Price	Dollar Value
_ Conc Pavt, Winter Protection	6027011	0373	1525	221935	1	Extra	302.000	Syd	17.00000	\$5,134.00

Reason:

With the completion of Stage 2 work expected to take place in late fall or winter, HMA is not available to place HMA approaches per plan. To avoid this, the approaches have been changed to concrete. See Addendum 4, RFI 014 and MDOT Standard Plan R-45-J found in the project files. This item of work may affect the schedule per CA Hull NOI 001 Supplemental Notice #2. Price includes all additional materials, labor and equipment needed to properly protect the concrete approaches from the elements while it is cures during inclement weather according to project specifications and Addendum 4. Prices were reviewed, negotiated, deemed reasonable, and agreed upon by the City of Ann Arbor, the Engineer, and the Contractor. Quantities are estimated and final payment will be based on the calculated weights in the approved shop drawings. Documentation is in the project files.

_ Conc Pavt, Winter Protection	6027011	0373	1530	221935	2	Extra	121.000	Syd	17.00000	\$2,057.00
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Reason:

With the completion of Stage 2 work expected to take place in late fall or winter, HMA is not available to place HMA approaches per plan. To avoid this, the approaches have been changed to concrete. See Addendum 4, RFI 014 and MDOT Standard Plan R-45-J found in the project files. This item of work may affect the schedule per CA Hull NOI 001 Supplemental Notice #2. Price includes all additional materials, labor and equipment needed to properly protect the concrete approaches from the elements while it is cures during inclement weather according to project specifications and Addendum 4. Prices were reviewed, negotiated, deemed reasonable, and agreed upon by the City of Ann Arbor, the Engineer, and the Contractor. Quantities are estimated and final payment will be based on the calculated weights in the approved shop drawings. Documentation is in the project files.

_ Structural Steel, Galvanizing (STR 11065) Updated	7077051	0368	1520	221935	1	Adjustment	1.000	LS	210,213.90000	\$210,213.90
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Reason:

To minimize the risk of delay associated with poor beam condition once stage 3 begins, the Contractor was directed to supply new beams for Stage 3. This includes all beams in beam lines E-M for a total of 24 new beams. Beams in Span 1 shall be W27x146, Span 2 shall be W27x161 with the exception that beam E2 will be W27x178 due to realignment of the beam to simplify the bridge deck construction, and Span 3 shall be W27x84. All beams are to be galvanized per plan. Cost for this galvanizing is included in the new item Struct Steel, Rolled Shape, Furn and Fab - Stage 3. New plan sheets will be provided for the new beams. This work is currently not expected to affect the contract time and open to traffic date. Price includes all additional materials, labor and equipment needed to complete the installation according to project specifications and additional plans sheets. Prices were reviewed, negotiated, deemed reasonable, and agreed upon by the City of Ann Arbor, the Engineer, and the Contractor. Quantities are estimated and final payment will be based on the calculated weights in the approved shop drawings. Documentation is in the project files.

Conc Pavt, Bridge Approach, Reinf	6020600	0328	1460	221935	1	Extra	302.000	Syd	195.00000	\$58,890.00
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Reason:

With the completion of Stage 2 work expected to take place in late fall or winter, HMA is not available to place HMA approaches per plan. To avoid this, the approaches have been changed to concrete. See Addendum 4, RFI 014 and MDOT Standard Plan R-45-J found in the project files. This item of work may affect the schedule per CA Hull NOI 001 Supplemental Notice #2. Price includes all additional materials, labor and equipment needed to complete the installation according to project specifications and Addendum 4. Prices were reviewed, negotiated, deemed reasonable, and agreed upon by the City of Ann Arbor, the Engineer, and the Contractor. Quantities are estimated and final payment will be based on the calculated weights in the approved shop drawings. Documentation is in the project files.



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New Items

Item Description	Item Code	Prop. Line	Proj. Line	Project	Catg.	ItemType	Proposed Quantity	Unit	Unit Price	Dollar Value
Conc Pavt, Bridge Approach, Reinf	6020600	0328	1465	221935	2	Extra	121.000	Syd	195.00000	\$23,595.00

Reason:

With the completion of Stage 2 work expected to take place in late fall or winter, HMA is not available to place HMA approaches per plan. To avoid this, the approaches have been changed to concrete. See Addendum 4, RFI 014 and MDOT Standard Plan R-45-J found in the project files. This item of work may affect the schedule per CA Hull NOI 001 Supplemental Notice #2. Price includes all additional materials, labor and equipment needed to complete the installation according to project specifications and Addendum 4. Prices were reviewed, negotiated, deemed reasonable, and agreed upon by the City of Ann Arbor, the Engineer, and the Contractor. Quantities are estimated and final payment will be based on the calculated weights in the approved shop drawings. Documentation is in the project files.

Struct Steel, Rolled Shape, Furn and Fab - D2	7070071	0338	1490	221935	1	Extra	10,150.000	Lb	6.03000	\$61,204.50
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Reason:

The contractor is directed to supply a new structural steel bridge beam to replace the existing beam D in Span 2. This beam will be a W27x161 beam with no cover plate. The existing beam was found to have damage that was too extensive to repair. The City of Ann Arbor agrees to pay for this replacement beam regardless of future changes that may affect the project. Currently, this additional work is expected to affect the contract time and open to traffic date. Price includes all additional materials, labor and equipment needed to complete the installation according to project specifications, Work Order #2R1 and additional plans sheets. Prices were reviewed, negotiated, deemed reasonable, and agreed upon by the City of Ann Arbor, the Engineer, and the Contractor. Quantities are estimated and final payment will be based on the calculated weights in the approved shop drawings. Documentation is in the project files.

Struct Steel, Rolled Shape, Furn and Fab - Stage 3	7070071	0348	1500	221935	1	Extra	174,000.000	Lb	6.03000	\$1,049,220.00
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Reason:

To minimize the risk of delay associated with poor beam condition once stage 3 begins, the Contractor was directed to supply new beams for Stage 3. This includes all beams in beam lines E-M for a total of 24 new beams. Beams in Span 1 shall be W27x146, Span 2 shall be W27x161 with the exception that beam E2 will be W27x178 due to realignment of the beam to simplify the bridge deck construction, and Span 3 shall be W27x84. All beams are to be galvanized per plan. New plan sheets will be provided for the new beams. This additional work is currently not expected to affect the contract time and open to traffic date. Price includes all additional materials, labor and equipment needed to complete the installation according to project specifications and additional plans sheets. Prices were reviewed, negotiated, deemed reasonable, and agreed upon by the City of Ann Arbor, the Engineer, and the Contractor. Quantities are estimated and final payment will be based on the calculated weights in the approved shop drawings. See Work Order 3. Documentation is in the project files.



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New Items

Item Description	Item Code	Prop. Line	Proj. Line	Project	Catg.	ItemType	Proposed Quantity	Unit	Unit Price	Dollar Value
Structural Steel, Rolled Shape, Erect - D2	7070070	0343	1495	221935	1	Extra	10,150.000	Lb	0.39000	\$3,958.50

Reason:

The contractor is directed to supply a new structural steel bridge beam to replace the existing beam D in Span 2. This beam will be a W27x161 beam with no cover plate. The existing beam was found to have damage that was too extensive to repair. The City of Ann Arbor agrees to pay for this replacement beam regardless of future changes that may affect the project. Currently, this additional work is expected to affect the contract time and open to traffic date. Price includes all additional materials, labor and equipment needed to complete the installation according to project specifications, Work Order #2R1 and additional plans sheets. Prices were reviewed, negotiated, deemed reasonable, and agreed upon by the City of Ann Arbor, the Engineer, and the Contractor. Quantities are estimated and final payment will be based on the calculated weights in the approved shop drawings. Documentation is in the project files.

Structural Steel, Rolled Shape, Erect - Stage 3	7070070	0353	1505	221935	1	Extra	174,000.000	Lb	0.39000	\$67,860.00
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Reason:

To minimize the risk of delay associated with poor beam condition once stage 3 begins, the Contractor was directed to supply new beams for Stage 3. This includes all beams in beam lines E-M for a total of 24 new beams. Beams in Span 1 shall be W27x146, Span 2 shall be W27x161 with the exception that beam E2 will be W27x178 due to realignment of the beam to simplify the bridge deck construction, and Span 3 shall be W27x84. All beams are to be galvanized per plan. New plan sheets will be provided for the new beams. This additional work is currently not expected to affect the contract time and open to traffic date. Price includes all additional materials, labor and equipment needed to complete the installation according to project specifications and additional plans sheets. Prices were reviewed, negotiated, deemed reasonable, and agreed upon by the City of Ann Arbor, the Engineer, and the Contractor. Quantities are estimated and final payment will be based on the calculated weights in the approved shop drawings. See Work Order 3. Documentation is in the project files.

Total Dollar Value: \$1,482,132.90

Project / Category Summary

Project/Catg	Project/Category Description	Federal Number	Project Status	Finance System	Control Section	Dollar Value
221935	Ann Arbor Medical Ctr Bridge Drive	0	CNST			
1	Ann Arbor 50% / U of M 50%					\$991,173.39
2	U of M 100%					\$26,678.47
Total:						\$1,017,851.86

Total Net Change Amount: \$1,017,851.86



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Prime Contractor, you are authorized and instructed as the contractor to do the work described herein in accordance with the terms of your contract.			
Ben Stachnik, C. A. Hull Co., Inc.		Robb Welch, PE - Fishbeck	
_____	_____	_____	_____
Signature	Date	Signature	Date
Francisca Chan, PE - City of Ann Arbor		Atleen Kaur - City Attorney	
_____	_____	_____	_____
Signature	Date	Signature	Date
Nicholas Hutchinson, PE - City Engineer		Sue F. McCormick - Interim Public Services Area Administrator	
_____	_____	_____	_____
Signature	Date	Signature	Date
Milton Dohoney Jr. - City Administrator		Jerry Schulte, UM Representative	
_____	_____	_____	_____
Signature	Date	Signature	Date