DLZ
ARCHITECTURE • ENGINEERING • PLANNING
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Project Information

Project:	B-36229, 45th St Underpass	**Original Contract Amount:**	$20,538,846.45
Client:	Town of Munster	**Current Contract Amount:**	
Contractor:	Walsh Construction	**Original Completion Date:**	6/30/2021
NTP Date:	4/12/2019	**Current Completion Date:**	6/30/2021

Change Order Summary

Total Change Order Amount Approved or Pending
Total Days Added to Completion Date, Pending/Approved

Change Order Information

Change Order	Change Order Name or Description	
1	QC/QA HMA Specification Change	Revision to Recurring Special Provision (RSP) in accordance with INDOT memos, zero dollar change.
2	Additional MOT Items	Added Maintenance of Traffic (MOT) items not included in the contract items.
3 3	Additional Water Main - Removal, Polywrap, Field Locks Water Main Backfill - Structure Backfill Type 2, IN-53 LS	Increased quantity of watermain relocation due to conflict with proposed construction. Components include ductile iron pipe, backfill, connections, field locks and polywrap.
4	Jack & Bore Carrier Pipe Coating	Protective coating (paint) for steel carrier pipe. Contractor elected to use trenchless method in leiu of trenched excavation due to proximity to existing lift station at no additional change.
5	*Acceleration of 45th St (Item eliminated via Change Order #11)*	*Premium time beyond 8 hours M-F, plus Sat to complete in 2020. Delays associated with TERS and utilities have pushed the schedule 49 days into late May 2021. Can be cancelled at any time, if necessary. Does not inlcude construction of Calumet Ave - scheduled to be complete in 2020.*
6	B-Borrow, Undercut Backfill (IN-5 and IN-2)	Stabilization of poor soils encountered to construct shoofly, 45th St and Calumet Ave. Typical process includes removal of 24 inches of poor soils and replacement of IN-5 or IN-2 aggregates.
7	Added MOT Phases - Calumet Ave	Added MOT phases to construct Calumet Ave not inclulded in contract plans. Phasing plans did not fully account for full width construction of Calumet Ave (center lanes).
8	Pavement Remove	Removal of existing reinforced concrete pavement encountered below existing asphalt within the center lanes of Calumet Ave north of 45th St west.
9	Transitional Asphalt Milling	Added transitional milling at project limits not included in contract plans or items.
10	Additional Design Costs - Underpass Reinforcement	Cost to produce rebar shop drawings per plan note. No contract details or Unique Special Provision (USP) within contract documents. And analysis/verification of design deflections.
11	Acceleration of 45th St (Replaces Change Order #5)	Funding issue with Change Order #5 pay item. New item created, old item eliminated. Replaces Change Order #5 at the same cost and acceleration requirements.
12	Structural Concrete Changes	Material costs associated with changed curing method - membrane curing compound and blankets.
13	Added Work at STR 307 and 308A - CN/Grimmer	Added work to install jack/bore casing under CN resulting from ground water thru the casing during installation. Additional requirements imposed by CN, including added length and steel bulkhead in lieu of timber.
14	Fiber Optic Relocation - 144-Pair (Town/Hospital)	Relocation of Town of Munster and Hospital 144-pair fibe optic line along the west side of Calumet Ave between Superior Ave and CN Railiroad.
15	Temporary HMA Sidewalk - Calumet Ave	Temporary asphalt sidewalk east side of Calumet Ave between 45th St and proposed bike path.
16	Added Work to Install Drainage Structures - Utility Conflicts	Utility Conflicts during SB Calumet Ave Storm Sewer Installation.
17	Acceleration - Supplemental Cost	Supplemental cost addition to existing acceleration cost adjustment item.
18	Surface Coating, Concrete Stain	Color Concrete Stain applied to the underpass interior walls in lieu of clear concrete sealer.
19	Grout Injection of Abandoned Pipe and Structures	Abandoned pipe and structures crossing 45th St west of Calumet Ave, served as temporary drainage during construction of Calumet Ave.
20	Harris Escalation Cost - Rebar Delivery on/after 6/1/20	Additional rebar delivery costs per Walsh/Harris purchase agreement beginning 6/01/20.
21	Cost Difference for use of IN-8 CS underpass backfill (IN-53)	Cost difference between IN-8 CS and IN-53 ACBFS used for underpass backfill, B Borrow.
22	Intermediate Completion Date (ICD) Time Extension	ICD time extension of 6 days (12/06/21) towards opening 45th St. COVID and STR CONC CURING.
23	Intermediate Completion Date (ICD) Time Extension	ICD time extension of 12 days (12/18/21) to opening 45th St. CN TRACK SWITCH.
24	Fence, Chain Link, PVC Coated, 72 IN	CLTF height increase to 72 IN above Wall 4 due to sidewalk proximity.
25	Damaged Crash Attenuator Repair Cost	Repair cost of crash attenuator damaged by stolen vehicle 11/13/19.
26	Added Maintenance of Traffic - 45th St, 2021	Added MOT costs on 45th St for completion of underpass construction in 2021.
27	Curb Painting, Center Curb (Yellow)	Yellow painting of the median curb on Calumet Ave and 45th St.
28	B Borrow, Water Main, CS (pay item change)	Zero dollar change order to change item to general CS materials (not limited to IN-53)
29	Retaining Walls (pay item changes)	Zero dollar change order to change items for material acceptance only
30	**Overrun/Underrun Items**	**Overrun and underrun items, only includes items +$20k or more, or -$20k or more**
31	Wall 4 Architectural Surface Treatment Repair	Stain and anti-graffiti repair resulting from a vehicle accident, no police report available