



August 28, 2025

613052-131228

ADDENDUM NO. 1

To Prospective Bidders and Others on:

MANSFIELD

Federal Aid Project No. NHP (NHS)/ HSI-003S (871) X Corridor Improvements on Chauncy Street (Route 106) from State Route 140 to Copeland Drive

THIS PROPOSAL TO BE OPEN AND READ: WEDNESDAY, SEPTEMBER 3, 2025 at 2:00 P.M.

Transmitting revisions to the Contract Documents as follows:

QUESTIONS AND RESPONSES: 2 pages.

DOCUMENT 00104: Revised page 3.

DOCUMENT 00813: Deleted document in its entirety and inserted

new document (4 pages).

DOCUMENT 00859: Deleted document in its entirety and inserted

new document (2 pages).

<u>DOCUMENT A00801:</u> Revised pages 104, 105, 118 and 119.

DOCUMENT B00420: Revised pages 16 through 26.

Note: The Responses to Questions 2, 3, 4, 5, 6, and 8 require changes to Plan Set Sheets No. 13, 14, 39

and 40 of 85. Revised Plan Set Sheets will be posted at a later date.

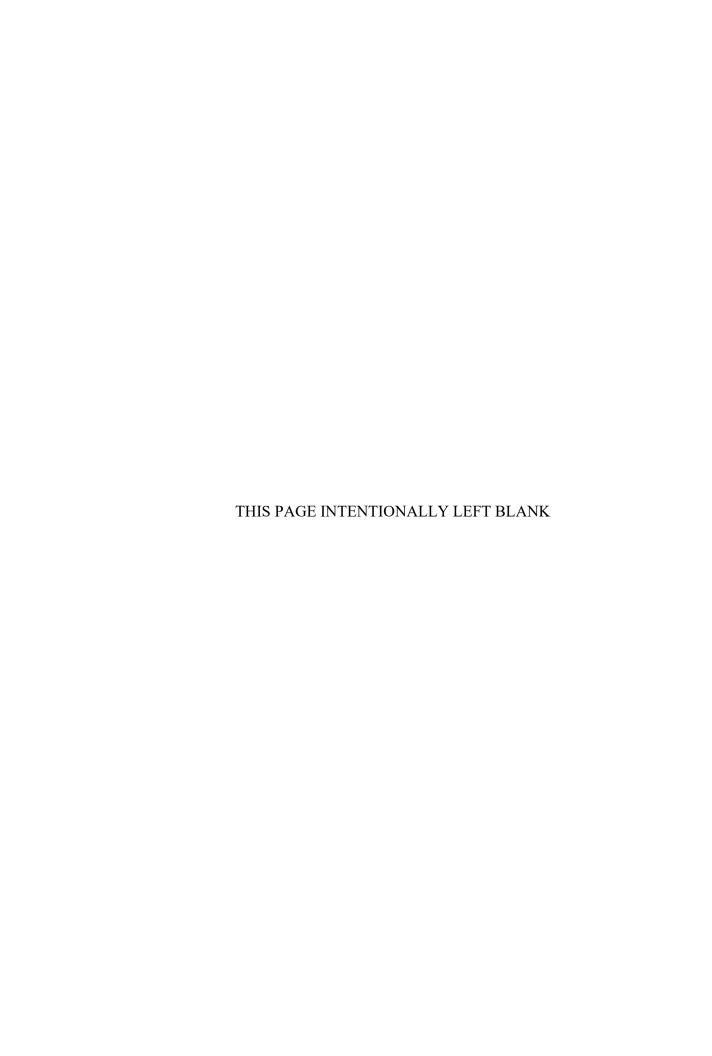
Take note of the above, substitute revised pages for originals, delete the documents indicated, insert new documents in proper order, and acknowledge <u>Addendum No. 1</u> in your Expedite Proposal file before submitting your bid.

Very truly yours,

Eric M. Cardone, P.E. Construction Contracts Engineer

AB

cc: Gautam Sen, Project Manager



MANSFIELD

Federal Aid Project No. NHP (NHS)/ HSI-003S (871) X Corridor Improvements on Chauncy Street (Route 106) from State Route 140 to Copeland Drive

(Proposal No. 613052-131228)

Questions and Responses

Addendum No. 1, August 28, 2025

Advanced Drainage Systems, Inc., e-mailed August 14, 2025

Question 1) The Project is currently specified with 15-, 18- & 30-inch Reinforced Concrete Pipe (RCP) Class III and 12-inch RCP Class IV. Item Number and quantities are as follows:

241.15 = 15-Inch Reinforced Concrete Pipe Class III (20 LF)

241.18 = 18-Inch Reinforced Concrete Pipe Class III (110 LF)

241.30 = 30-Inch Reinforced Concrete Pipe Class III (10 LF)

243.12 = 12-Inch Reinforced Concrete Pipe Class IV (640 LF)

We would like to respectfully request that corrugated plastic pipe (both polyethylene and polypropylene; per AASHTO M294 and AASHTO M330) be allowed under the pipe option for the above referenced items. Both pipe materials are included within the Commonwealth of Massachusetts Department of Transportation Standard Specifications for Highways and Bridges (2025 Edition) Division III-Materials Specifications, Section M5.03.10 Corrugated Plastic Pipe. If allowed, the installation of corrugated plastic pipe would follow MassDOT Installation Guidelines.

Response 1) Items 241.15, 241.18, 241.30, and 243.12 will remain as specified.

E.T.& L. Corp., e-mailed August 26, 2025

- Question 2) Please clarify what work will be paid under Item # 864.02 Pavement Arrow and Legends Tape. Is this item for the permanent pavement marking symbols, including the Bicycle Detector Marking, Shared Line Marking and Bicycle Lane Marking that are shown on plan sheet #14?
- Response 2) The only symbol paid for under Item 864.02 is the Bicycle Detector Marking. All other symbols will be paid for under Item 864.04, except the Shared Lane Marking, which has been deleted from the contract. The Shared Lane Marking Detail will be deleted from Sheet #14. Revised plan sheet 14 of 85 will be provided at a later date.
- Question 3) Please confirm the quantity for Item # 730.1 Welcome to Mansfield Sign. The bid quantity is 2 each, however, only 1 each can be found on the plans.
- Response 3) Item 730.1 has been deleted from the contract. See revised pages A00801-118 and 119, and B00420-16. Revised plan sheets 39 and 40 of 85 will be provided at a later date.

MANSFIELD

Federal Aid Project No. NHP (NHS)/ HSI-003S (871) X Corridor Improvements on Chauncy Street (Route 106) from **State Route 140 to Copeland Drive**

	(Proposal No. 613052-131228)			
Questions and R	Lesponses Addendum No. 1, August 28, 2025			
Question 4)	On plan sheet 40, the elevation view for the Welcome to Mansfield sign does not			
Response 4)	depict what the sign should look like. Please clarify. See Response 3.			
Question 5)	The specifications for Item # 730.1 state that new flood lighting with conduit and handholes are required for the Welcome to Mansfield sign, however, this work is not shown within the sign detail on plan sheet 40 or the landscape plan on sheet 39. Does the sign require flood lights? If so, please provide sufficient details depicting this work.			
Response 5)	See Response 3.			
Question 6)	Please provide the 'Veneer Stone' material specifications for Item # 730.1 – Welcome to Mansfield Sign, as this is blank on Spec Sheet A00801 – 118.			
Response 6)	See Response 3.			
Question 7)	Per the specifications for Item $\#$ 476.12 – Stamped and Colored Cement Concrete, please clarify what work falls under 'Type 1 – color: brick red' and what works falls under 'Type 2 – color: light to medium gray'.			
Response 7)	See revised pages A00801-104 and 105.			
Question 8)	Reference the 'Stamped & Colored Cement Concrete at Sidewalk/ Island' detail on plan sheet #13. There is a note on this detail that states "Stamped and colored concrete, see notes for additional information" – no additional notes were found pertaining to the stamped concrete, please clarify the intent of this comment.			

Response 8)

There are no notes associated with this call-out. The reference to the notes will

be deleted. Revised plan sheet 13 of 85 will be provided at a later date.

NOTICE TO CONTRACTORS (Continued)

PRICE ADJUSTMENTS

This Contract contains price adjustments for hot mix asphalt and Portland cement mixtures, diesel fuel, and gasoline. For reference the base prices are as follows: liquid asphalt \$635.00 per ton, Portland cement \$425.13 per ton, diesel fuel \$2.924 per gallon, and gasoline \$2.449 per gallon, and Steel Base Price Index 354.8. MassDOT posts the **Price Adjustments** on their Highway Division's website at:

https://www.mass.gov/massdot-contract-price-adjustments

This Contract contains Price Adjustments for steel. See Document 00813 - PRICE ADJUSTMENT FOR STRUCTURAL STEEL AND REINFORCING STEEL for their application and base prices.

MassDOT projects are subject to the rules and regulations of the Architectural Access Board (521 CMR 1.00 et seq.)

Prospective bidders and interested parties can access this information and more via the internet at: WWW.COMMBUYS.COM.

BY: Monica G. Tibbits-Nutt, Secretary and CEO, MassDOT Jonathan L. Gulliver, Administrator, MassDOT Highway Division SATURDAY, JULY 12, 2025

DOCUMENT 00813

SPECIAL PROVISIONS

PRICE ADJUSTMENTS FOR STRUCTURAL STEEL AND REINFORCING STEEL

August 14, 2025

This special provision applies to all projects containing the use of structural steel and/or reinforcing steel as specified elsewhere in the Contract work. It applies to all structural steel and all reinforcing steel, as defined below, on the project. Compliance with this provision is mandatory, i.e., there are no "opt-in" or "opt-out" clauses. Price adjustments will be handled as described below and shall only apply to unfabricated reinforcing steel bars and unfabricated structural steel material, consisting of rolled shapes, plate steel, sheet piling, pipe piles, steel castings and steel forgings.

Price adjustments will be variances between Base Prices and Period Prices. Base Prices and Period Prices are defined below.

Price adjustments will only be made if the variances between Base Prices and Period Prices are 5% or more. A variance can result in the Period Price being either higher or lower than the Base Price. Once the 5% threshold has been achieved, the adjustment will apply to the full variance between the Base Price and the Period Price.

Price adjustments will be calculated by multiplying the number of pounds of unfabricated structural steel material or unfabricated reinforcing steel bars on a project by the index factor calculated as shown below under <u>Example of a</u> Period Price Calculation.

Price adjustments will <u>not</u> include guardrail panels or the costs of shop drawing preparation, handling, fabrication, coatings, transportation, storage, installation, profit, overhead, fuel costs, fuel surcharges, or other such charges not related to the cost of the unfabricated structural steel and unfabricated reinforcing steel.

The weight of steel subject to a price adjustment shall not exceed the final shipping weight of the fabricated part by more than 10%.

Base Prices and Period Prices are defined as follows:

<u>Base Prices</u> of unfabricated structural steel and unfabricated reinforcing steel on a project are fixed prices determined by the Department and found in the table below. While it is the intention of the Department to make this table comprehensive, some of a project's unfabricated structural steel and/or unfabricated reinforcing steel may be inadvertently omitted. Should this occur, the Contractor shall bring the omission to the Department's attention so that a contract alteration may be processed that adds the missing steel to the table and its price adjustments to the Contract.

The Base Price Date is the month and year of the most recent finalized period price index at the time that MassDOT opened bids for the project. The Base Price Index for this contract is the Steel PPI listed in the Notice to Contractors.

<u>Period Prices</u> of unfabricated structural steel and unfabricated reinforcing steel on a project are variable prices that have been calculated using the Period Price Date and an index of steel prices to adjust the Base Price.

The Period Price Date is the date the steel was delivered to the fabricator as evidenced by an official bill of lading submitted to the Department containing a description of the shipped materials, weights of the shipped materials and the date of shipment. This date is used to select the Period Price Index.

The index used for the calculation of Period Prices is the U.S. Department of Labor Bureau of Labor Statistics Producer Price Index (PPI) Series ID WPU101702 (Not Seasonally Adjusted, Group: Metals and Metal Products, Item: Semi-finished Steel Mill Products.) As this index is subject to revision for a period of up to four (4) months after its original publication, no price adjustments will be made until the index for the period is finalized, i.e., the index is no longer suffixed with a "(P)".

Period Prices are determined as follows:

Period Price = Base Price X Index Factor Index Factor = Period Price Index / Base Price Index

Example of a Period Price Calculation:

Calculate the Period Price for December 2009 using a Base Price from March 2009 of \$0.82/Pound for 1,000 Pounds of ASTM A709 (AASHTO M270) Grade A36 Structural Steel Plate.

The Period Price Date is December 2009. From the PPI website*, the Period Price Index = 218.0.

The Base Price Date is March 2009. From the PPI website*, the Base Price Index = 229.4.

Index Factor = Period Price Index / Base Price Index = 218.0 / 229.4 = 0.950 Period Price = Base Price X Index Factor = \$0.82/Pound X 0.950 = \$0.78/Pound

Since \$0.82 - \$0.78 = \$0.04 is less than 5% of \$0.82, no price adjustment is required.

If the \$0.04 difference shown above was greater than 5% of the Base Price, then the price adjustment would be 1,000 Pounds X \$0.04/Pound = \$40.00. Since the Period Price of \$0.78/Pound is less than the Base Price of \$0.82/Pound, indicating a drop in the price of steel between the bid and the delivery of material, a credit of \$40.00 would be owed to MassDOT. When the Period Price is higher than the Base Price, the price adjustment is owed to the Contractor.

* To access the PPI website and obtain a Base Price Index or a Period Price Index, go to http://data.bls.gov/cgi-bin/srgate

End of example.

The Contractor will be paid for unfabricated structural steel and unfabricated reinforcing steel under the respective contract pay items for all components constructed of either structural steel or reinforced Portland cement concrete under their respective Contract Pay Items.

Price adjustments, as herein provided for, will be paid separately as follows:

Structural Steel

Pay Item Number 999.449 for positive (+) pay adjustments (payments to the Contractor)

Pay Item Number 999.457 for negative (-) pay adjustments (credits to MassDOT Highway Division)

Reinforcing Steel

Pay Item Number 999.466 for positive (+) pay adjustments (payments to the Contractor)

Pay Item Number 999.467 for negative (-) pay adjustments (credits to MassDOT Highway Division)

No price adjustment will be made for price changes after the Contract Completion Date, unless the MassDOT Highway Division has approved an extension of Contract Time for the Contract.



TABLE

	TABLE	
Staal	Type	Price per Pound
1	Type ASTM A615/A615M Grade 60 (AASHTO M31 Grade 60 or 420) Reinforcing Steel	\$0.55
2	ASTM A27 (AASHTO M103) Steel Castings, H-Pile Points & Pipe Pile Shoes (See Note below.)	\$0.76
3	ASTM A668 / A668M (AASHTO M102) Steel Forgings	\$0.76
1	ASTM A108 (AASHTO M169) Steel Forgings for Shear Studs	\$0.78
5	ASTM A709/A709M Grade 36 / AASHTO M270M/M270 Grade 36 or 250 Structural Steel Plate	\$0.82
6	ASTM A709/A709M Grade 36 / AASHTO M270M/M270 Grade 36 or 250 Structural Steel Shapes	\$0.77
7	ASTM A709/A709M Grade 50 / AASHTO M270M/M270 Grade 50 or 345 Structural Steel Plate	\$0.82
8	ASTM A709/A709M Grade 50 / AASHTO M270M/M270 Grade 50 or 345 Structural Steel Shapes	\$0.77
9	ASTM A709/A709M Grade 50WT / AASHTO M270M/M270 Grade 50WT or 345WT Structural Steel Plate	\$0.85
10	ASTM A709/A709M Grade 50WT / AASHTO M270M/M270 Grade 50WT or 345WT Structural Steel Shapes	\$0.78
11	ASTM A709/A709M Grade 50W / AASHTO M270M/M270 Grade 50W 345W Structural Steel Plate	\$0.85
12	ASTM A709/A709M Grade 50W / AASHTO M270M/M270 Grade 50W or 345W Structural Steel Shapes	\$0.78
13	ASTM A709/A709M Grade HPS 50W / AASHTO M270M/M270 Grade HPS 50W or 345W Structural Steel Plate	\$0.89
14	ASTM A709/A709M Grade HPS 70W / AASHTO M270M/M270 Grade HPS 70W or 485W Structural Steel Plate	\$0.96
15	ASTM A514/A514M-05 Grade HPS 100W / AASHTO M270M/M270 Grade HPS 100W or 690W Structural Steel Plate	\$1.47
16	ASTM A992/A992M Grade 50S / AASHTO M270M/M270 Grade 50S or 345S Structural Steel Plate	\$0.85
17	ASTM A992/A992M Grade 50S / AASHTO M270M/M270 Grade 50S or 345S Structural Steel Shapes	\$0.78
18	ASTM A276 Type 316 Stainless Steel	\$4.42
19	ASTM A240 Type 316 Stainless Steel	\$4.42
20	ASTM A148 Grade 80/50 Steel Castings (See Note below.)	\$1.52
21	ASTM A53 Grade B Structural Steel Pipe	\$0.96
22	ASTM A500 Grades A, B, 36 & 50 Structural Steel Pipe	\$0.96
23	ASTM A252, Grades 240 (36 KSI) & 414 (60 KSI) Pipe Pile	\$0.76
24	ASTM 252, Grade 2 Permanent Steel Casing	\$0.76
25	ASTM A36 (AASHTO M183) for H-piles, steel supports and sign supports	\$0.80
26	ASTM A328 / A328M, Grade 50 (AASHTO M202) Steel Sheetpiling	\$1.45
27	ASTM A572 / A572M, Grade 50 Sheetpiling	\$1.45
28	ASTM A36/36M, Grade 50	\$0.82
20 29	ASTM A570, Grade 50 ASTM A570, Grade 50	\$0.82
	•	
30 31	ASTM A572 (AASHTO M223), Grade 50 H-Piles ASTM A1085 Grade A (50 KSI) Steel Hollow Structural Sections (HSS), heat-treated per	\$0.82 \$0.96
	ASTM A1085 Supplement S1	
32	AREA 140 LB Rail and Track Accessories	\$0.50

NOTE: Steel Castings are generally used only on moveable bridges. Cast iron frames, grates and pipe are not "steel" castings and will not be considered for price adjustments.

THIS PAGE IS INTENTIONALLY LEFT BLANK



DOCUMENT 00859

CONTRACTOR/SUBCONTRACTOR CERTIFICATION FORM

The o	contractor shall submit this	completed doci	ıment 00859 te	o MassDOT for each subco	ontract.	
			(Contractor)	Date:		
				(Subcontractor)	☐ District Approved Subcontractor	
Cont	ract No: 131228	Project No.	613052	Federal Aid N	No.: NHP (NHS)/ HSI-003S	(871) X
Loca	tion: MANSFIELD					
Proje	ect Description: Corridor	Improvements of	on Chauncy St	reet (Route 106) from State	te Route 140 to Copeland	l Drive
the blaws, in the and value Disco	est of my knowledge, info , rules, and regulations go eir employment practices, women employee workford ument 00820 The Comm	rmation and beliverning fair laborathat the companies participation ronwealth of Me Action Program	ef, the compared and employ will make go ratio goals and assachusetts	ertify, as an authorized offiny is in compliance with all ment practices, that the copod faith efforts to comply specific affirmative action Supplemental Equal Emple company will comply wi	Il applicable federal and ompany will not discrim y with the minority empl n steps contained in Con ployment Opportunity,	state inate oyee stract Non-
indic		ave been or are		mpany, that the special pr nd made part of, the Subc		
Docu	00761 –Certification Res 00820 – MA Suppleme	Minority Or Wo	omen's Busines ent, Suspensio	ss Enterprises and SDVOE n, Ineligibility, and Volunt ortunity, Non-Discriminati	tary Exclusion	ction
	00859 - Contractor/Subo 00860 - MA Employme 00861 - Applicable State B00842 - MA Schedule B00843 - MA Letter of ** Does not ap † Applies only	contractor Certifint Laws Wage Rates in of Participation Intent – M/WBE ply to Material Suif Subcontractor i	the Contract By Minority of start ppliers, unless ps a M/WBE; on	,	orises (M/WBEs)†	
	B00844 - Schedule of Pa B00845 - Letter of Inten B00846 - M/WBE or SI B00847 - Joint Venture	t – SDVOBE DVOBE Joint Ch		nent Approval Form		
	his <u>is</u> a Federally-aided co iment #	onstruction pro	ject (Federal	Aid Number is present)		
	00719 - Special Provision			antaged Business Enterprisions for Federal-Aid Const		
	Program 00821 – Electronic Repo 00859 – Contractor/Subo	rting Requireme	ents, Civil Rigl	unity, Non-Discrimination hts Programs and Certified this document)		
		ıl Equal Employ 41 CFR Parts 60	-4.2 and 60-4.	nity Construction Contract 3 (Solicitations and Equal		e



		Addendum No. 1, August 28, 2025
	B00853 – Schedule of Participation by Disad	idvantaged Business Enterprise†
	B00854 – Letter of Intent – DBEs†	
	B00855 – DBE Joint Check Arrangement Ap	approval Form
	B00856 – Joint Venture Affidavit	
Ш	00861/00880 - Applicable state and federal w	
	*Applicable only to Contracts or Subc	
	**Does not apply to Material Supplies † Applies only if Subcontractor is a D	DBE; only include these forms for the particular DBE Entity
Sig		, 20 Under The Pains And Penalties Of Perjury.
2	<u> </u>	
	(Print Name and Title)	(Authorized Signature)
		PART 2
PA	ART 2 SUBCONTRACTOR CERTIFICATIO	ON: I hereby certify, as an authorized official of this company,
		e physically incorporated in our Agreement/Subcontract with the
		will fully comply or make every good faith effort to comply with
the	e same. I further certify that:	
1.	This company recognizes that if this is a Fe	Federal-Aid Project, then this Contract is covered by the equal
1.	1 , 0	d and enforced by the United States Department of Labor
		pliance Programs ('OFCCP"). By signing below, we acknowledge
		tions to the OFCCP, as specified by 41 CFR Part 60-4.2.
2		•
2.	1 ,	y contractor with fifty (50) or more employees on a Federal-aid
		000) dollars or more must annually file an EEO-1 Report (SF 100)
	60-1.7a.	or before September 30th, each year, as specified by 41 CFR Part
	00-1./a.	
3.		ll reporting requirements, please contact the USDOL, OFCCP
	Regional Office, at 1-646-264-3170 or EEO-1,	, Joint Reporting Committee at 1-866-286-6440.
4.	This company has, has not, participa	pated in a previous contract or subcontract subject to the Equal
		t 60-4 and Executive Order 11246, and where required, has filed
	with the Joint Reporting Committee, the Director	ctor of the Office of Federal Contract Compliance Programs or the
	EEO Commission all reports due under the appl	plicable filing requirements.
5.	This company is in full compliance with applie	licable Federal and Commonwealth of Massachusetts laws, rules,
٦.		or disqualified from bidding on or participating in construction
	•	ates. See: https://www.mass.gov/service-details/contractors-and-
	vendors-suspended-or-debarred-by-massdot	and the second s
_		
6.	Commonwealth.	in good standing with the Office of the Secretary of the
Sig	gned this Day of, 2	20, Under The Pains And Penalties Of Perjury.
Fire	rm.	
	rm:ddress:	
<i>1</i> 144		(Fine Fame and Field)
		-
Tel	elephone Number:	
Fed	ederal I.D. Number:	(Authorized Signature)
Esti	timated Start Date:	-
Esti	timated Completion Date:	
	timated Dollar Amount:	
Rev	v'd 09/02/22	

<u>ITEM 476.12</u> (Continued)

Release Agent:

- Shall be a powdered, colored, bond-breaker formulated to break the bond between mat-type concrete texturing tools and the surface of the color-hardened concrete while imprinting variegated or mottled appearance.
- Shall meet ASTM C 979 for color stability.
- Shall be "Deep Charcoal" (A-21).
- Application rate shall be 4 lbs. per 105 square feet or in accordance with the manufactures guidelines.
- Shall be applied in accordance with the manufacturer's recommendations.

ITEM 476.12 (Continued)



Surface Penetrating Sealer:

- Shall be specifically required by the color hardener manufacturer.
- All materials are subject to the approval of the Engineer. The surface penetrating sealant shall meet the following performance criteria, based on application of the solution in accordance with the manufacturer's recommended procedures and rates.
- Shall have the following Performance Specification:
 - A water miscible, penetrating salt and liquid water repellent treatment that will provide internal steel corrosion protection as follows:
 - Treatment shall not affect skid resistance or surface texture.
 - Treated concrete surfaces submitted to an ASTM C-642 moisture absorption test or two percent (2%) in fifty (50) days shall not absorb more than one percent (1%) moisture in forty-eight (48) hours.
 - Treated concrete surfaces subjected to a ninety (90) day chloride ion penetration test (AASHTO T-259, T-260) shall not permit the penetration of more than 3lbs of chlorides per cubic yard of concrete at the ½ inch to 6 inches depth and no more than 1 lbs. of chloride per cubic yard at 1 inch depth.
 - Surface preparation shall be in accordance with manufacturer's recommendations.
 - Treatment shall not affect the normal vapor permeability of the substrate.

Curing Compound:

- Shall be as recommended by the color manufacturer. It shall not affect the skid resistance of the surface.
- Combined curing compound and sealer systems are available from concrete color manufacturers. Usage shall be approved by the Engineer in accordance with manufacturer's recommendations.

Expansion Joint: Preformed joint filler, bituminous type, shall conform to the Standard Specifications, Section M.9.14.0. An Expansion Joint will be located at the midpoint in each of the two proposed areas to be provided with Concrete Pavement.

THIS PAGE INTENTIONALLY LEFT BLANK

THIS PAGE INTENTIONALLY LEFT BLANK

Project # 61	3052	Contract # 131228		
Location	: MANSFIELD			
Description	: Corridor Impro	ovements on Chauncy Street (Route 106) from State Route 140	to Copeland Drive	
ITEM#	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
711.	1	BOUND REMOVED AND RESET		
		AT		
714.	1	MONUMENT REMOVED AND RESET		
		ATEACH		
722.3	1	SCHEDULE OF OPERATIONS (TYPE C) - FIXED PRICE \$60000	\$60,000.00	\$60,000.00
		AT Sixty Thousand Dollars LUMP SUM		
740.	39	ENGINEER'S FIELD OFFICE AND EQUIPMENT (TYPE A)		
		ATPER MONTH		
748.	1	MOBILIZATION		
		AT		
751.	200	LOAM FOR ROADSIDES		
		AT PER CUBIC YARD		
756.	1	NPDES STORMWATER POLLUTION PREVENTION PLAN		
		ATLUMP SUM		
758.1	100	LOAMY SAND BORROW		
		AT PER CUBIC YARD		
765.	1,300	SEEDING		
		AT PER SQUARE YARD		

Project # 613	052	Contract # 131228					
Location :	MANSFIELD						
Description : Corridor Improvements on Chauncy Street (Route 106) from State Route 140 to Copeland Drive							
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT			
765.553	40	WETLAND SEED - RIPARIAN MIX					
		AT PER SQUARE YARD					
767.121	800	SEDIMENT CONTROL BARRIER					
		ATPER FOOT					
767.122	20	SEDIMENT BARRIER-COIR LOG					
		ATPER FOOT					
767.4	25	WOOD CHIP MULCH					
		AT PER CUBIC YARD					
767.9	30	JUTE MESH					
		AT PER SQUARE YARD					
769.	100	PAVEMENT MILLING MULCH UNDER GUARD RAIL					
		ATPER FOOT					
772.038	7	ARBORVITAE 7-8 FEET					
		AT					
772.337	10	CEDAR - RED 7-8 FEET					
		AT					
776.557	1	MAPLE - RED - RED SUNSET 2-2.5 INCH CALIPER					
		AT					

Project # 613	052	Contract # 131228		
Location :	MANSFIELD			
Description :	Corridor Impro	ovements on Chauncy Street (Route 106) from State Route 140	to Copeland Drive	
ITEM#	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
777.263	2	OAK - SWAMP WHITE 2-2.5 INCH CAL`		
		AT		
777.675	6	SWEETGUM - 'SLENDER SILHOUETTE' 1.5-2 INCH CAL		
		ATEACH		
778.521	5	DOGWOOD - APPALACIAN SNOW 2-2.5 INCH CAL		
		ATEACH		
781.257	4	HAWTHORN - WASHINGTON 2-2.5 INCH CAL		
		AT		
783.044	5	SERVICEBERRY - AUTUMN BRILLIANCE 7-8 FEET		
		AT		
783.467	2	TUPELO 2-2.5 INCH CALIPER		
		ATEACH		
785.734	21	INKBERRY - COMPACT 2-3 FEET / #3		
		ATEACH		
786.111	44	JUNIPER - GREY OWL 18-24 INCH / #2		
		ATEACH		
786.672	1	MOUNTAIN LAUREL 2-3 FEET		
		AT EACH		

Project # 613	052	Contract # 131228		
Location :	MANSFIELD			
Description :	Corridor Impro	ovements on Chauncy Street (Route 106) from State Route 140	to Copeland Drive	
ITEM#	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
793.446	14	ROSE - RADYOD KNOCKOUT 18-24 INCH		
		AT		
793.447	21	ROSE - DOUBLE KNOCKOUT 18-24 INCH		
		AT		
793.448	27	ROSE - SUNNY KNOCKOUT 18-24 INCH		
		AT		
793.729	10	SPIREA 2-3 FEET / #3		
		AT		
794.331	31	SUMAC SHRUB - FRAGRANT-GRO-LOW 2-3 FEET / #2		
		AT		
794.737	21	SUMMERSWEET SHRUB 3-4 FEET / #3		
		AT		
795.153	3	WINTERBERRY - MALE 24-30 INCH / #3		
		AT		
795.157	19	WINTERBERRY - FEMALE 24-30 INCH / #3		
		AT		
796.001	39	YARROW - COMMON 1 GAL.		
		AT		

Project # 613	052	Contract # 131228						
Location :	ocation : MANSFIELD							
Description :	Corridor Impro	ovements on Chauncy Street (Route 106) from State Route 140 to	Copeland Drive					
ITEM#	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT				
796.002	31	CONE FLOWER - 'LITTLE GIANT' 1 GAL						
		AT						
796.003	27	BONSET 1 GAL.						
		ATEACH						
796.004	26	ASTER - LARGE LEAF WOOD 1 GAL						
		AT						
796.005	26	DAYLILY - STELLA DE ORO 1 GAL						
		ATEACH						
796.006	31	BLACK EYEYD SUSAN - 'LITTLE GOLDSTAR' 1 GAL						
		AT						
796.201	61	LITTLE BLUESTEM - CAROUSEL 1 GAL.						
		AT						
802.44	230	4 IN TELEPHONE CATV CONDUIT - TYPE NM (4 BANK)						
		ATPER FOOT						
804.3	1,510	3 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC -(UL)						
		AT PER FOOT						
804.32	200	3 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) - DOUBLE						
		AT PER FOOT						

Project # 613	052	Contract # 131228		
Location :	MANSFIELD			
Description :	Corridor Impro	ovements on Chauncy Street (Route 106) from State Route 140	to Copeland Drive	
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
811.23	5	ELECTRIC HANDHOLE - SD2.023		
		AT		
811.31	18	PULL BOX 12 X 12 INCHES - SD2.031		
		ATEACH		
813.792	1	INTERCONNECT CABLE SYSTEM - COPPER WIRE		
		AT		
816.1	1	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 4		
		AT		
816.2	1	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 4A		
		AT		
816.5	1	TRAFFIC SIGNAL SYSTEM ADJUSTMENT		
		AT		
817.63	2	SIGNAL MAST ARM 35 FEET - STEEL		
		AT		
823.711	11	COBRAHEAD LUMINARE		
		AT		
829.06	6	ROADSIDE SIGN AND SUPPORT (D6/D8) REMOVED AND DISCARDED		
		ATEACH		

Project # 613	052	Contract # 131228		
Location :	MANSFIELD			
Description :	Corridor Impro	ovements on Chauncy Street (Route 106) from State Route 140 to	Copeland Drive	
ITEM#	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
831.11	290	ROADSIDE GUIDE SIGN (MA-D1-XX) - ALUMINUM PANEL (TYPE A)		
		AT PER SQUARE FOOT		
832.	320	WARNING-REGULATORY AND ROUTE MARKER - ALUMINUM PANEL (TYPE A)		
		AT PER SQUARE FOOT		
841.11	6	SUPPORT FOR GUIDE SIGN (MA-D1-XX) - 5 INCH TUBULAR - STEEL		
		AT		
847.1	33	SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL		
		ATEACH		
848.1	6	SIGN SUP (N/GUIDE)+RTE MKR W/2 BRKWAY POST ASSEMBLIES-STEEL		
		AT EACH		
850.41	220	ROADWAY FLAGGER		
		AT PER HOUR		
851.1	425	TRAFFIC CONES FOR TRAFFIC MANAGEMENT		
		AT PER DAY		
852.	1,875	SAFETY SIGNING FOR TRAFFIC MANAGEMENT		
		AT PER SQUARE FOOT		
852.11	800	TEMPORARY PEDESTRIAN BARRICADE		
		ATPER FOOT		

Project # 613	052	Contract # 131228					
Location :	MANSFIELD						
Description : Corridor Improvements on Chauncy Street (Route 106) from State Route 140 to Copeland Drive							
ITEM#	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT			
852.12	6	TEMPORARY PEDESTRIAN CURB RAMP					
		AT					
		ATEACH					
853.1	12	PORTABLE BREAKAWAY BARRICADE TYPE III					
		ATEACH					
853.2	100	TEMPORARY BARRIER (TL-2)					
		AT PER FOOT					
853.21	1,000	TEMPORARY BARRIER REMOVED AND RESET					
		AT PER FOOT					
853.403	200	TRUCK MOUNTED ATTENUATOR					
		AT PER DAY					
853.8	20	TEMPORARY ILLUMINATION FOR WORK ZONE					
		ΔΤ					
		AT PER DAY					
854.016	47,000	TEMPORARY PAVING MARKINGS - 6 INCH (PAINTED)					
		AT PER FOOT					
854.036	1,825	TEMPORARY PAVING MARKINGS - 6 INCH (TAPE)					
		AT PER FOOT					
854.1	30	PAVEMENT MARKING REMOVAL					
		AT PER SQUARE FOOT					

Project # 613052 Contract # 131228								
Location : MANSFIELD								
Description: Corridor Improvements on Chauncy Street (Route 106) from State Route 140 to Copeland Drive								
ITEM#	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT				
856.	2,880	ARROW BOARD						
l		ATPER DAY						
856.12	4,400	PORTABLE CHANGEABLE MESSAGE SIGN						
		AT PER DAY						
859.	54,000	REFLECTORIZED DRUM						
		ATPER DAY						
864.02	30	PAVEMENT ARROW AND LEGENDS - TAPE						
		AT PER SQUARE FOOT						
864.04	1,150	PAVEMENT ARROWS AND LEGENDS REFLECTORIZED WHITE (THERMOPLASTIC)						
		AT PER SQUARE FOOT						
864.33	25	SLOTTED PAVEMENT MARKER TWO-WAY WHITE/RED						
		ATEACH						
864.41	130	GREEN COLORIZED PAVEMENT MARKINGS						
		AT PER SQUARE FOOT						
866.106	5,400	6 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)						
		AT PER FOOT						
866.112	2,600	12 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)						
		ATPER FOOT						

Project # 613052 Contract # 131228								
Location : MANSFIELD								
Description: Corridor Improvements on Chauncy Street (Route 106) from State Route 140 to Copeland Drive								
ITEM#	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT				
867.106	4,000	6 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)						
		AT PER FOOT						
867.112	450	12 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)						
		AT PER FOOT						
874.	11	STREET NAME SIGN						
		AT						
874.52	38	MISCELLANEOUS SIGNS REMOVED AND DISCARDED						
		ATEACH						
874.7	1	MISCELLANEOUS SIGNS REMOVED AND STACKED						
		AT						
901.	5	4000 PSI, 1.5 INCH, 565 CEMENT CONCRETE						
		AT PER CUBIC YARD						
903.	3	3000 PSI, 1.5 INCH, 470 CEMENT CONCRETE						
		AT PER CUBIC YARD						
910.1	60	STEEL REINFORCEMENT FOR STRUCTURES - EPOXY COATED						
		AT PER POUND						
970.	135	DAMP-PROOFING						
		AT PER SQUARE FOOT						

Project # 613052		Contract # 131228						
Location :	MANSFIELD							
Description : Corridor Improvements on Chauncy Street (Route 106) from State Route 140 to Copeland Drive								
ITEM#	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT				
991.1	1	CONTROL OF WATER - STRUCTURE NO. CULVERT						
		AT						
Total Qty:	221,928							

1