ADDENDUM

Addendum No. 1

 Owner:
 City of Owosso

 Project:
 2019 Street Program – Contract 1

 Engineer:
 City of Owosso / Fleis & Vandenbrink

NOTICE TO ALL PROSPECTIVE BIDDERS

BIDS DUE: January 22, 2019

This Addendum is a part of the Contract Documents and modifies the previously issued Bidding Documents. Acknowledge receipt of this Addendum in the space provided on the "Signature Page and Legal Status" section of the Bid Proposal. Failure to do so may result in rejection of the Bid.

ITEM NO. 1:

Add "W. Williams Street Soil Borings" to the Contract Documents.

Add "2019 Contract 1 Questions - 1" to the Contract Documents.

Approximate Quantities shown in the Bid Proposal will remain unchanged for this revision.

END OF ITEM NO. 1

END OF ADDENDUM NO. 1

W. Williams Street Soil Borings

Boring Locations

W. Williams Street

- B1 WB Lane @ #110
- B2 EB Lane @ #215
- B3 EB Lane @ #317/#318
- B4 WB Lane @ #416
- B5 EB Lane @ #505



JOB NO.	S-17-254 LOG OF SOIL BORING NO.	1
PROJECT:	2018 Street Program	
LOCATION:	Owosso, Michigan	
DATE:	11/8/17 SURFACE ELEVATION:	Existing

Sample & Type	Depth	Legend		Soil Description		SPT Blows per 6"	Moisture %	Natural Wt. P.C.F.	Unc. Comp. Strength	Str. %
			7.5"	Concrete		1				
	1				-					
1A	2				F	1				
SS						2				
	3			Cond Lagon Maint Fine Drawn w/and Dabble	-	2				
	4			Sand - Loose, Moist, Fine, Brown w/occ Pebble	-					
	5				_					
1B	6		6'0"		-	1				
SS				Sand - Medium Compact, Moist, Fine, Brown w/Grave		2				
	7		7'0 "		-	3				
	8			End of Boring	ŀ					
		1			ŀ					
	9				_					
	10				-					
	11				-					
	12									
	13				-					
	14				-					
	15				-					
	16									
	17				ļ					
	18				ŀ					
		1			ŀ					
	19				F					
	20				ŀ					
		1			ŀ					
TVDE	21									
	OF SA	MPLE RBED		BORING PLUGGED WITH NATURAL SOIL	G.W. ENCOL		<u>ATER OE</u> RED AT			INS.
	JNDIST. SHELBY		*	The soil descriptions shown on the logs are from visual observations. No classification tests were performed.	G.W. ENCOL					INS.
S.S 3	SPLIT S	POON	~		G.W. ON CO	MPLE	TION			INS.
	ROCK (5	tandard Penetration Test - Driving 2" OD Sampler 1' With 140# Hammer Falling 30"; Count Made At 6" Intervals.	G.W. AFTER G.W. VOLUN			F	т.	INS.



JOB NO.	S-17-254 LOG OF SOIL BORING NO.	2
PROJECT:	2018 Street Program	
LOCATION:	Owosso, Michigan	
DATE:	11/8/17 SURFACE ELEVATION:	Existing

Sample & Type	Depth	Legend		Soil Description		SPT Blows per 6"	Moisture %	Natural Wt. P.C.F.	Unc. Comp. Strength	Str. %
			6.5"	Asphalt						
	1									
2A	2					1				
SS	2					1 2				
00	3					4				
	-			Sand - Medium Compact, Moist, Fine, Brown w/occ Pe	hhle	-				
	4				0010					
	5									
2B	6					2				
SS			6'3"			2				
	7		7'0 "	Clay - Soft, Moist, Silty, Sandy, Brown w/Gravel		2				
				End of Boring						
	8									
\vdash	9									
	5									
	10									
	11									
	12									
	12									
	13									
	14									
	15									
	15									
	16									
	17									
	18	-								
├	10									
	19	1								
	20									
	04									
TYPE	21 OF SA			BORING PLUGGED WITH NATURAL SOIL	GROU	ND W	ATER OF	SFRV/		
D	- DISTUR	RBED			G.W. ENCO					INS.
			*		G.W. ENCO					INS.
	SHELBY SPLIT SI			observations. No classification tests were performed.	G.W. ON CO	MPLE	TION	F	т.	INS.
R.C.	- ROCK (CORE	S		G.W. AFTER			F	т.	INS.
	OTHER ·	-		140# Hammer Falling 30"; Count Made At 6" Intervals.	G.W. VOLU	VIES	None			



JOB NO.	S-17-254 LOG OF SOIL BORING NO.	. 3
PROJECT:	2018 Street Program	
LOCATION:	Owosso, Michigan	
DATE:	11/8/17 SURFACE ELEVATION:	Existing

				1			0.57		Net	1 I.a 1						
Samp & Typ		Depth	Legend		Soil Description		SPT Blows	Moisture	Natural Wt.	Unc. Comp.	Str.					
αιγμ	be						per 6"	%	P.C.F.	Strength	%					
				7"	Asphalt						'					
		1	_								<u> </u>					
							-				<u> </u>					
3A		2					1									
SS			_				2				L'					
		3					4				'					
			_		Sand - Medium Compact, Moist, Fine, Brown w/occ Pebb	ble					'					
		4	_								<u> </u>					
			_								'					
		5	_								└───					
			_								L					
3B		6		6'2"			4		ļ		┝───					
SS					Sand - Compact, Moist, Fine, Brown w/Gravel		8				'					
		7		7'0 "			11				'					
		· ·			End of Boring						'					
		8	4													
		~									'					
		9									'					
		40	-								'					
		10	-								'					
		44	-								'					
		11	-								'					
		12	-								'					
		12														
		13	-								'					
		13	-													
		14	-													'
		14														
		15	-													
		15									'					
		16	-													
		10	-													
		17	-													
		.,	-													
		18														
		.0														
		19	1													
			1													
		20	1													
		21														
TY	PE (MPLE		BORING PLUGGED WITH NATURAL SOIL	GROU	ND W	ATER OF	SERV	ATIONS	,					
0)	DISTU	RBED		c	W. ENCO					INS.					
			LINER		The soli descriptions shown on the logs are from visual	W. ENCO					INS.					
		SHELBY SPLIT S				W. ON CO					INS.					
		ROCK		S	Standard Penetration Test - Driving 2" OD Sampler 1' With G.	W. AFTER					INS.					
		DTHER				W. VOLU										
		-														



JOB NO.S-17-254LOG OF SOIL BORING NO.4PROJECT:2018 Street Program2018 Street ProgramLOCATION:Owosso, MichiganDATE:11/8/17SURFACE ELEVATION:Existing

Samp	ole						SPT	Moisture	Natural	Unc.	Str.
& Тур		Depth	Legend		Soil Description		Blows per 6"	%	Wt. P.C.F.	Comp. Strength	%
				6.75"	Asphalt						
		1									
4A		2					3				
SS		-					2				
		3					2				
					Possible Fill Sand - Loose to Medium Compact, Moist	Fine					
		4			Brown w/occ Pebble & tr/Possible Fill Topsoil	, 1 110,					
		5									
	⊢┤	Ð									
4B		6					2				
SS							3				
		7	7'0"	7'0"			3				
	\square				End of Boring						
		8									
		9	•								
	\square	5									
		10]								
		11									
	\vdash	12									
	\vdash	12									
		13									
]								
		14									
		45									
	\vdash	15									
		16									
		. •									
		17	1								
		18									
	\vdash	19									
		19									
		20									
			1								
		21									
		OF SA DISTUF			BORING PLUGGED WITH NATURAL SOIL			ATER OF			
		NDISTUR		*	The soli descriptions shown on the logs are from visual	G.W. ENCO					INS.
		HELBY				G.W. ENCO G.W. ON CC					INS. INS.
		SPLIT S ROCK (s	tandard Penetration Test - Driving 2" OD Sampler 1' With	G.W. AFTER					INS.
		DTHER				G.W. VOLU					-



JOB NO.	S-17-254 LOG OF SOI	L BORING NO.	5
PROJECT:	2018 Street Program		
LOCATION:	Owosso, Michigan		
DATE:	11/8/17 SURFACE E	LEVATION: I	Existing

Sample & Type	Depth	Legend		Soil Description		SPT Blows per 6"	Moisture %	Natural Wt. P.C.F.	Unc. Comp. Strength	Str. %
			6.5"	Asphalt		pero		1.0.1.	otrengtri	
	1	_								
5A	2	-			F	3				
SS	2	-			F	3				
	3					5				
		-								
\vdash	4	_		Sand - Compact, Moist, Fine, Brown w/occ Pebble	-					
	5	-								
5B SS	6				_	2				
33	7	-	7'0"		-	4 6				
		<u> </u>	. •	End of Boring	Þ	-				
	8				F					
\vdash	9	4			F					
					F					
	10									
	11	-			-					
	12									
	- 10									
	13				F					
	14				F					
	15				-					
	16				F					
	17	4			F					
\vdash	18				F					
]			F					
	19				F					
-	20				F					
	20	1								
	21	1			<u> </u>					
	E OF SA			BORING PLUGGED WITH NATURAL SOIL			ATER OF			
U.L.	- UNDIST.	LINER		The soil descriptions shown on the logs are from visual	G.W. ENCOU G.W. ENCOU					INS. INS.
	SHELBY SPLIT S			observations. No classification tests were performed.	G.W. ON CO	MPLE	TION	F	т.	INS.
	C ROCK (CORE	S	Standard Penetration Test - Driving 2" OD Sampler 1' With	G.W. AFTER			F	т.	INS.
	OTHER	-		140# Hammer Falling 30"; Count Made At 6" Intervals.	G.W. VOLUM	IES	None			

2019 Contract 1 Questions - 1

- Q: Do you have soil borings for Williams Street? Will there be a need for dewatering the storm sewer trench?
- A: A PDF with Williams Street soil borings has been added to the contract documents as part of Addendum 1. Soil Boring No. 1 states 7.5" of concrete. Visual inspection suggests that this is an asphalt surface. If concrete is found, removal will be paid for as Pavt, Rem. In accordance with MDOT's 2012 Standard Specifications for Construction, the cost of dewatering, if needed, will be included in the unit prices for related pay items.
- Q: On the "Williams Street HMA Application Chart" on sheet W2 Project Number 832190, it states to use 13A HMA Material at 1.5" for Top and 8.5" for Base in Commercial approach areas and to use 13A HMA Material at 2" for Top and 3" for Base in Residential Approach Areas. This conflicts with the cross sections because the cross sections states to use 4.5" of 2C and 1.5" of 5E3.

Are the side streets (N. Water Street, N Ball Street, N. Washington Street, Pine Street, and N. Adams Street) considered Residential Approaches, Commercial Approaches, or do we use the typical 4.5" 2C and 1.5" 5E3 cross section?

A: For the side street approaches on Williams, use the typical 4.5" 2C and 1.5" 5E3 cross section. The notes on the HMA Application Chart are referring to commercial and residential driveways - not side street approaches.