2017 Asphalt Program City of Urbana Addendum #1

To: All Bidders

From: Tyler Bumbalough, City Engineer

Date: February 27, 2017
Re: Questions/Answers

Questions/Answers

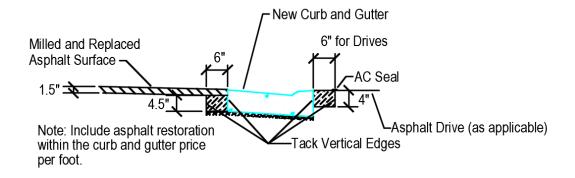
Question #1

Does any type of pavement restoration need to be included with the removal of the curb?

Answer #1

Yes, the following paragraph and detail are hereby added within the bid documents under Section III, Technical Specifications, Curb and Gutter (page 47).

"Asphalt over-cut will be required to form a straight front face of the gutter plate. A maximum of 6" of over-cut past the gutter plate into the street shall be allowed for forming purposes. Asphalt replacement per the detail below shall be included in the per foot bid price of this item of work. Asphalt shall be Type 2 Intermediate, PG 64-22. Where new asphalt surface meets old asphalt surface, the joint shall be covered with AC sealer. The existing or added gravel base below any over-cut shall be compacted at the same time as the base for the curb and gutter. Any soft spots encountered shall be excavated and filled with compacted 304."



Typical Pavement Repair Detail for Asphalt Over-Cut

Question #2

What streets can be closed during construction?

Answer #2

<u>Local</u> access must be maintained to residences and businesses during construction except when freshly laid pavement must be protected (W. Ward Street, Community Drive, portions of James Avenue). Temporary closures during this period are acceptable. Since Community Drive is a dead-end street, single-lane access must be maintained to US 36 East utilizing flaggers or other methods during paving.

The contractor may close James Avenue from College Way to the propane storage facility with prior approval. This would restrict pass through traffic.

For lack of a nearby detour route, S. Edgewood Avenue bridge must have at least single-lane access maintained across it. Flaggers would be needed in this case.

The parking lot in Additive #1 can be posted and fully closed during planned working hours.

In areas designated for patching, the contractor shall mill the patched areas then directly follow with the paving operation that same day.

Question #3

Would you consider changing the patching bid item to a 448 Type 2 Intermediate mix due to the depth of the repairs?

Answer #3

Yes, this change makes sense. Both the Base Bid and Additive #1 asphalt mix for patching shall be changed to: "Asphalt Concrete, Patch, Type 2 Intermediate, PG 64-22." To accommodate this change, the Edgewood Avenue bridge quantities need to move to the "Asphalt Concrete, Surface Course, Type 1, PG 64-22." Attached is an updated bid quantity sheet to replace page 16 and 17 of the bid documents. Exhibit "SE" is hereby changed by reference to a surface course rather than a patch. All other exhibits noting the type of asphalt shall be modified to reflect the surface and patch descriptions listed above. Note that all surface courses are intended to be laid at 1.5" with the exception of the Edgewood Avenue bridge, which shall remain a 2" mill and fill.

Question #4

Any chance the bid form is available as an excel spreadsheet?

Answer #4

Yes, the bid form is provided via email to plan holders with this Addendum.

2017 Asphalt Program

Master Sheet Proposal

Base Bid

NO. DESCRIPTION MEASURE QUANTITY (a) COST (b) (a x b) 202 REMOVED LUMP 1	<u>ITEM</u>		UNIT OF	APPROX.	<u>UNIT</u>	TOTAL COST
254 PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" TO 4" 407 TACK COAT @ 0.08 GAL/SY 422 SINGLE CHIP SEAL, TYPE A 423 CRACK SEALING, TYPE II 424 ASPHALT CONCRETE, SURFACE COURSE, TYPE 1, PG 64-22 425 CLY. 426 CURB RAMP 427 CONCRETE, PATCH, TYPE 2 INTERMEDIATE, PG 64-22 428 CONCRETE WALK, 4" 429 CONCRETE WALK, 4" 420 CONCRETE WALK, 4" 431 CONCRETE WALK, 4" 442 SINGLE CHIP SEAL, TYPE 1, PG 64-22 443 CRACK SEALING, TYPE II 444 ASPHALT CONCRETE, SURFACE COURSE, TYPE 1, PG 64-22 454 CONCRETE WALK, 4" 455 CONCRETE WALK, 4" 466 CONCRETE WALK, 4" 467 COMBINATION CURB AND GUTTER, TYPE 2 468 EEET 469 COMBINATION CURB AND GUTTER, TYPE 2 469 EEET 460 CONBINATION CURB AND GUTTER, TYPE 2 460 EEET 461 MAINTAINING TRAFFIC 462 LUMP 463 DETECTOR LOOP 464 MOBILIZATION 465 CONCRETE WALK, ADJUSTED TO GRADE 464 STOP BAR, 24" 465 EEET 466 CHANNEL LINE, 12" 466 EEET 467 CHANNEL LINE, 8" 468 CHANNEL LINE, 8" 469 TOPSOIL, SEEDING AND MULCHING 460 S.Y. 431 431 431 431 431 432 433 434 435 436 437 437 431 431 431 431 431 431	NO.	DESCRIPTION	MEASURE	QUANTITY (a)	COST (b)	<u>(a x b)</u>
407 TACK COAT @ 0.08 GAL/SY GAL. 946 422 SINGLE CHIP SEAL, TYPE A S.Y. 13,907 423 CRACK SEALING, TYPE II S.Y. 32,585 448 ASPHALT CONCRETE, SURFACE COURSE, TYPE 1, PG 64-22 C.Y. 247 608 CURB RAMP EACH 6 608 CONCRETE WALK, 4" S.F. 470 609 COMBINATION CURB AND GUTTER, TYPE 2 FEET 1,940 611 MANHOLE, ADJUSTED TO GRADE EACH 7 614 MAINTAINING TRAFFIC LUMP 1 624 MOBILIZATION LUMP 1 632 DETECTOR LOOP EACH 1 638 WATER VALVE, ADJUSTED TO GRADE EACH 6 644 STOP BAR, 24" FEET 16 644 CROSSWALK LINE, 12" FEET 91 644 CHANNEL LINE, 8" FEET 91 644 LANE ARROW EACH 4 644 DOUBLE YELLOW CENTERLINE, SOLID FEET 948 659 TOPSOIL, SEEDING AND MULCHING S.Y.	202	REMOVED	LUMP	1		
422 SINGLE CHIP SEAL, TYPE A S.Y. 13,907 423 CRACK SEALING, TYPE II S.Y. 32,585 448 ASPHALT CONCRETE, SURFACE COURSE, TYPE 1, PG 64-22 C.Y. 354 448 ASPHALT CONCRETE, PATCH, TYPE 2 INTERMEDIATE, PG 64-22 C.Y. 247 608 CURB RAMP EACH 6 608 CONCRETE WALK, 4" S.F. 470 609 COMBINATION CURB AND GUTTER, TYPE 2 FEET 1,940 611 MANHOLE, ADJUSTED TO GRADE EACH 7 614 MAINTAINING TRAFFIC LUMP 1 624 MOBILIZATION LUMP 1 632 DETECTOR LOOP EACH 1 638 WATER VALVE, ADJUSTED TO GRADE EACH 6 644 STOP BAR, 24" FEET 16 644 CROSSWALK LINE, 12" FEET 83 644 CROSSWALK LINE, 8" FEET 91 644 LANNEA LINE, 8" FEET 91 644 LANE ARROW EACH 4 649 TOPSOIL, SEEDING AND MULCHING	254	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" TO 4"	S.Y.	10,141		
423 CRACK SEALING, TYPE II S.Y. 32,585 448 ASPHALT CONCRETE, SURFACE COURSE, TYPE 1, PG 64-22 C.Y. 354 448 ASPHALT CONCRETE, PATCH, TYPE 2 INTERMEDIATE, PG 64-22 C.Y. 247 608 CURB RAMP EACH 6 608 CONCRETE WALK, 4" S.F. 470 609 COMBINATION CURB AND GUTTER, TYPE 2 FEET 1,940 611 MANHOLE, ADJUSTED TO GRADE EACH 7 614 MAINTAINING TRAFFIC LUMP 1 624 MOBILIZATION LUMP 1 632 DETECTOR LOOP EACH 1 638 WATER VALVE, ADJUSTED TO GRADE EACH 6 644 STOP BAR, 24" FEET 16 644 CROSSWALK LINE, 12" FEET 83 644 CHANNEL LINE, 8" FEET 91 644 LANE ARROW EACH 4 644 DOUBLE YELLOW CENTERLINE, SOLID FEET 948 659 TOPSOIL, SEEDING AND MULCHING S.Y. 431 103.05 CONTRACT BOND	407	TACK COAT @ 0.08 GAL/SY	GAL.	946		
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608 CURB RAMP EACH 6 608 CONCRETE WALK, 4" S.F. 470 609 COMBINATION CURB AND GUTTER, TYPE 2 FEET 1,940 611 MANHOLE, ADJUSTED TO GRADE EACH 7 614 MAINTAINING TRAFFIC LUMP 1 624 MOBILIZATION LUMP 1 632 DETECTOR LOOP EACH 1 638 WATER VALVE, ADJUSTED TO GRADE EACH 6 644 STOP BAR, 24" FEET 16 644 CROSSWALK LINE, 12" FEET 83 644 CHANNEL LINE, 8" FEET 91 644 LANE ARROW EACH 4 644 DOUBLE YELLOW CENTERLINE, SOLID FEET 948 659 TOPSOIL, SEEDING AND MULCHING S.Y. 431 103.05 CONTRACT BOND LUMP 1	448	ASPHALT CONCRETE, SURFACE COURSE, TYPE 1, PG 64-22	C.Y.	354		
608 CONCRETE WALK, 4" S.F. 470 609 COMBINATION CURB AND GUTTER, TYPE 2 FEET 1,940 611 MANHOLE, ADJUSTED TO GRADE EACH 7 614 MAINTAINING TRAFFIC LUMP 1 624 MOBILIZATION LUMP 1 632 DETECTOR LOOP EACH 1 638 WATER VALVE, ADJUSTED TO GRADE EACH 6 644 STOP BAR, 24" FEET 16 644 CROSSWALK LINE, 12" FEET 83 644 CHANNEL LINE, 8" FEET 91 644 LANE ARROW EACH 4 644 DOUBLE YELLOW CENTERLINE, SOLID FEET 948 659 TOPSOIL, SEEDING AND MULCHING S.Y. 431 103.05 CONTRACT BOND LUMP 1	448	ASPHALT CONCRETE, PATCH, TYPE 2 INTERMEDIATE, PG 64-22	C.Y.	247		
609 COMBINATION CURB AND GUTTER, TYPE 2 FEET 1,940 611 MANHOLE, ADJUSTED TO GRADE EACH 7 614 MAINTAINING TRAFFIC LUMP 1 624 MOBILIZATION LUMP 1 632 DETECTOR LOOP EACH 1 638 WATER VALVE, ADJUSTED TO GRADE EACH 6 644 STOP BAR, 24" FEET 16 644 CROSSWALK LINE, 12" FEET 83 644 CHANNEL LINE, 8" FEET 91 644 LANE ARROW EACH 4 644 DOUBLE YELLOW CENTERLINE, SOLID FEET 948 659 TOPSOIL, SEEDING AND MULCHING S.Y. 431 103.05 CONTRACT BOND LUMP 1	608	CURB RAMP	EACH	6		
611 MANHOLE, ADJUSTED TO GRADE EACH 7 614 MAINTAINING TRAFFIC LUMP 1 624 MOBILIZATION LUMP 1 632 DETECTOR LOOP EACH 1 638 WATER VALVE, ADJUSTED TO GRADE EACH 6 644 STOP BAR, 24" FEET 16 644 CROSSWALK LINE, 12" FEET 83 644 CHANNEL LINE, 8" FEET 91 644 LANE ARROW EACH 4 644 DOUBLE YELLOW CENTERLINE, SOLID FEET 948 659 TOPSOIL, SEEDING AND MULCHING S.Y. 431 103.05 CONTRACT BOND LUMP 1	608	CONCRETE WALK, 4"	S.F.	470		
614 MAINTAINING TRAFFIC LUMP 1 624 MOBILIZATION LUMP 1 632 DETECTOR LOOP EACH 1 638 WATER VALVE, ADJUSTED TO GRADE EACH 6 644 STOP BAR, 24" FEET 16 644 CROSSWALK LINE, 12" FEET 83 644 CHANNEL LINE, 8" FEET 91 644 LANE ARROW EACH 4 644 DOUBLE YELLOW CENTERLINE, SOLID FEET 948 659 TOPSOIL, SEEDING AND MULCHING S.Y. 431 103.05 CONTRACT BOND LUMP 1	609	COMBINATION CURB AND GUTTER, TYPE 2	FEET	1,940		
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638 WATER VALVE, ADJUSTED TO GRADE EACH 6 644 STOP BAR, 24" FEET 16 644 CROSSWALK LINE, 12" FEET 83 644 CHANNEL LINE, 8" FEET 91 644 LANE ARROW EACH 4 644 DOUBLE YELLOW CENTERLINE, SOLID FEET 948 659 TOPSOIL, SEEDING AND MULCHING S.Y. 431 103.05 CONTRACT BOND LUMP 1	624	MOBILIZATION	LUMP	1		
644 STOP BAR, 24" FEET 16 644 CROSSWALK LINE, 12" FEET 83 644 CHANNEL LINE, 8" FEET 91 644 LANE ARROW EACH 4 644 DOUBLE YELLOW CENTERLINE, SOLID FEET 948 659 TOPSOIL, SEEDING AND MULCHING S.Y. 431 103.05 CONTRACT BOND LUMP 1	632	DETECTOR LOOP	EACH	1		
644 CROSSWALK LINE, 12" FEET 83 644 CHANNEL LINE, 8" FEET 91 644 LANE ARROW EACH 4 644 DOUBLE YELLOW CENTERLINE, SOLID FEET 948 659 TOPSOIL, SEEDING AND MULCHING S.Y. 431 103.05 CONTRACT BOND LUMP 1	638	WATER VALVE, ADJUSTED TO GRADE	EACH	6		
644 CHANNEL LINE, 8" FEET 91 644 LANE ARROW EACH 4 644 DOUBLE YELLOW CENTERLINE, SOLID FEET 948 659 TOPSOIL, SEEDING AND MULCHING S.Y. 431 103.05 CONTRACT BOND LUMP 1	644	STOP BAR, 24"	FEET	16		
644 LANE ARROW 644 DOUBLE YELLOW CENTERLINE, SOLID 659 TOPSOIL, SEEDING AND MULCHING 5.Y. 431 103.05 CONTRACT BOND LUMP 1	644	CROSSWALK LINE, 12"	FEET	83		
644 DOUBLE YELLOW CENTERLINE, SOLID FEET 948 659 TOPSOIL, SEEDING AND MULCHING S.Y. 431 103.05 CONTRACT BOND LUMP 1	644	CHANNEL LINE, 8"	FEET	91		
659 TOPSOIL, SEEDING AND MULCHING S.Y. 431 103.05 CONTRACT BOND LUMP 1	644	LANE ARROW	EACH	4		
103.05 CONTRACT BOND LUMP 1	644	DOUBLE YELLOW CENTERLINE, SOLID	FEET	948		
	659	TOPSOIL, SEEDING AND MULCHING	S.Y.	431		
BASE BID TOTAL	103.05	CONTRACT BOND	LUMP	1		
		BASE BID TOTAL				

Additive #1 (Parking Lot between W. Water and W. Market)

<u>ITEM</u>		UNIT OF	APPROX.	<u>UNIT</u>	TOTAL COST
<u>NO.</u>	DESCRIPTION	MEASURE	QUANTITY (a)	COST (b)	<u>(a x b)</u>
254	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" TO 2"	S.Y.	2,174		
407	TACK COAT @ 0.08 GAL/SY	GAL.	174		
448	ASPHALT CONCRETE, SURFACE COURSE, TYPE 1, PG 64-22	C.Y.	81		
448	ASPHALT CONCRETE, PATCH, TYPE 2 INTERMEDIATE, PG 64-22	C.Y.	20		
614	MAINTAINING TRAFFIC	LUMP	1		
630	SIGN, FLAT SHEET	S.F.	8		
630	GROUND MOUNTED SUPPORT, 2" SQUARE POST	FEET	48		
644	PARKING LOT STALL MARKING, 4"	FEET	1,417		
644	LANE ARROW	EACH	2		
644	HANDICAP SYMBOL	EACH	2		
	ADDITIVE #1 TOTAL				