

transportation • trails • water • process • construction management

# ADDENDUM 001 Request for Bid

# St. Louis Economic Development Partnership for Constructing or Improving Olive / Lindbergh Interchange STP-4922(604)

Bidders should acknowledge receipt of Addendum 001 (ONE) by signing and including it with the original bid. The due date for receipt of bids **has not** changed by this Addendum; the due date is **January 12, 2021 2:00 PM Central Time**. Accordingly, the following clarifications, and or additional information, are believed to be of general interest to all potential bidders. All other terms and conditions remain unchanged and in full force.

Name and Title of Signer (Print or Type)	Name and Title of Authority
	Mike Brown
	Project Manager
Contractor/Offeror Signature	Access Engineering, LLC
(Signature of person authorized to sign)	(Authoring Signature) 1/6/21
Date Signed:	Date Signed:

- 1) Itemized Bid Form Page 2 of 8 will replace optional pavement for mainline and ramp options.
- 2) JSP Provisions Table of Contents, Page 1, JSP N, pavement construction will be removed.
- 3) JSP Provisions Table of Contents, Page 2, JSP GGG, optional pavement will be added.
- 4) Typical Section Sheet 1 of 3, will revise pavement design table.
- 5) Summary of Quantities Sheet 1 of 4, will add note on earthwork schedule.
- 6) Summary of Quantities Sheet 2 of 4, will revise optional pavement on pavement schedule.

Sort Code	Pay Item ID	Pay Item Description	Quantity	Units	Bid Price	Bid Price Extension
Roadway	1					
0	2022010	REMOVAL OF IMPROVEMENTS	1	L.S.		
10	2031000	CLASS A EXCAVATION	13254	C.Y.		
20	2035500	EMBANKMENT IN PLACE	8822	C.Y.		
30	2036000	COMPACTING EMBANKMENT	13254	C.Y.		
40	2037075	COMPACTING IN CUT	50	STA.		
50	2042010	SETTLEMENT GAUGE	2	EACH		
60	2063000	CLASS 3 EXCAVATION	727	C.Y.		
70	2063500	CULVERT CLEANOUT	12	EACH		
80	3040506	TYPE 5 AGGREGATE FOR BASE (6 IN. THICK)	18404	S.Y.		
90	4010150	TYPE A2 SHOULDER	373.5	S.Y.		
100	4030109	ASPHALTIC CONCRETE MIXTURE PG 70-22	237.9	TON		
		(SP125CLP MIX)				
110	4039905	MISC.	7226	S.Y.		
		<del>{MAINLINE PAVEMENT}</del>				
		MISC. OPTIONAL PAVEMENT				
		{MAINLINE PAVEMENT}				
120	4039905 {1}	MISC.	7989	S.Y.		
		{RAMP PAVEMENT}				
		MISC. OPTIONAL PAVEMENT				
		{RAMP PAVEMENT}				
130	4071005	TACK COAT	102	GAL		
140	6044011	"PIPE COLLAR, TYPE A"	1	EACH		
150	6081000	CONCRETE MEDIAN	655.1	S.Y.		
160	6083006	6 IN. CONCRETE MEDIAN STRIP	1092.9	S.Y.		
170	6089902	MISC. {ISLAND TUBULAR MARKER}	43	EACH		
180	6091010	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S	701	L.F.		
190	6091052	CURB AND GUTTER TYPE B	4159	L.F.		
200	6097000	ROCK LINING	13	C.Y.		
210	6113010	FURNISHING TYPE 1 ROCK BLANKET	356	C.Y.		
220	6113030	PLACING TYPE 1 ROCK BLANKET	356	C.Y.		
230	6141023	GRATE AND BEARING PLATE (5 FT. X 2 FT. OR 1524 MM X 610 MM)	1	EACH		
240	6141120	CURVED VANE GRATE AND FRAME (2 FT. X 2 FT. OR 600MM X 600MM)	26	EACH		
250	6143012	"MANHOLE FRAME AND COVER, TYPE 2"	2	EACH		
260	6143020	CURB INLET	2	EACH		
270	6169901	MISC.	1	L.S.		
		{TEMPORARY TRAFFIC CONTROL (LUMP				
		SUM)}				
280	6169902	MISC. {NTCIP	2	EACH		
		COMPLIANT CHANGEABLE MESSAGE				
		SIGN, CONTRACTOR				
		FURNISHED/RETAINED}				
290	6171000	"CONCRETE TRAFFIC BARRIER, TYPE A"	20	L.F.		
300	6173000	"CONCRETE TRAFFIC BARRIER, TYPE C"	628	L.F.		
310	6181000	MOBILIZATION	1	L.S.		

A REPLACED

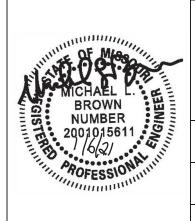
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## **ADDED**



ACCESS ENGINEERING, LLC 11820 Tesson Ferry Road St. Louis, MO 63128 Certificate of Authority: 2000172588 Consultant Phone:314.849.8445

If a seal is present on this sheet, JSP's have been electronically sealed and dated.

JOB NO. STP 4922(604) St. Louis County, MO
Date Prepared: 1/6/2021

ADDENDUM DATE: 01/05/2021

Only the following items of the Job Special Provisions (Roadway) are authenticated by this seal: A-S,  ${\sf EEE\text{-}GGG}$ 



# Pavement Construction

- 1.0 Description. This work shall consist of a pavement composed of either ramp pavement or mainline pavement on a prepared subgrade. This work shall be performed in accordance with the standard specifications and as shown on the plans.
- 2.0 The quantities shown reflect the total square yards of pavement surface designated for each pavement type as computed and shown on the plans.
- 2.1 No additional payment will be made for asphaltic concrete mix quantities to construct the required 1:1 slope along the edge of the pavement, prime liquids or for tack applied between lifts of asphalt.
- 2.2 No additional payment will be made for aggregate base quantities outside the limits of the final surface area as computed and shown on the plans. When A2 shoulders are specified, payment for aggregate base will be as shown on the plans.
- 2.3 The grading shown on the plans was designed for each pavement (ramp or mainline).
- 2.4 The contractor shall comply with Sections 401 through 403 for the asphalt.
- 3.0 Method of Measurement. The quantities of asphaltic concrete pavement will be measured in accordance with Section 403.22.
- 4.0 Basis of Payment. The accepted quantity of the chosen option will be paid for by the contract unit bid price for Items:

Item No.	Unit	Description
403-99.05	Square Yard	Mainline Pavement
403-99.05	Square Yard	Ramp Pavement

- O. NTCIP Compliant Changeable Message Sign (Contractor Furnished and Retained)
- **1.0 Description.** All solar powered changeable message signs, hereinafter referred to as a CMS, shall be in accordance with these specifications.
- **2.0 Material.** Each CMS shall consist of an all LED (light emitting diode) matrix message board, solar/battery power supply and a user-operated interface, as specified, all mounted on a heavy duty, towable trailer.
- **2.1** Each CMS shall be either Full Matrix or Character Matrix, and have the following minimum characteristics:
  - (a) Full Matrix Each CMS shall be the Full Matrix type with the capability of providing one, two, and three lines of individual changeable characters with minimum heights of 52 (1300), 28 (700), and 18 (450) inches (mm), respectively. Full Matrix signs shall be capable of both static and dynamic graphics, and full display sized messages.

and seeding will be approved by the Engineer.

- **3.0 Method of Measurement.** No measurement will be made.
- **4.0 Basis of Payment.** All work required to obliterate pavement, grade and cover will be included in the item Removal of Improvements. Seeding will be paid for at its unit price.

Item No.	Unit	Description
202-20.10	Lump Sum	Removal of Improvements



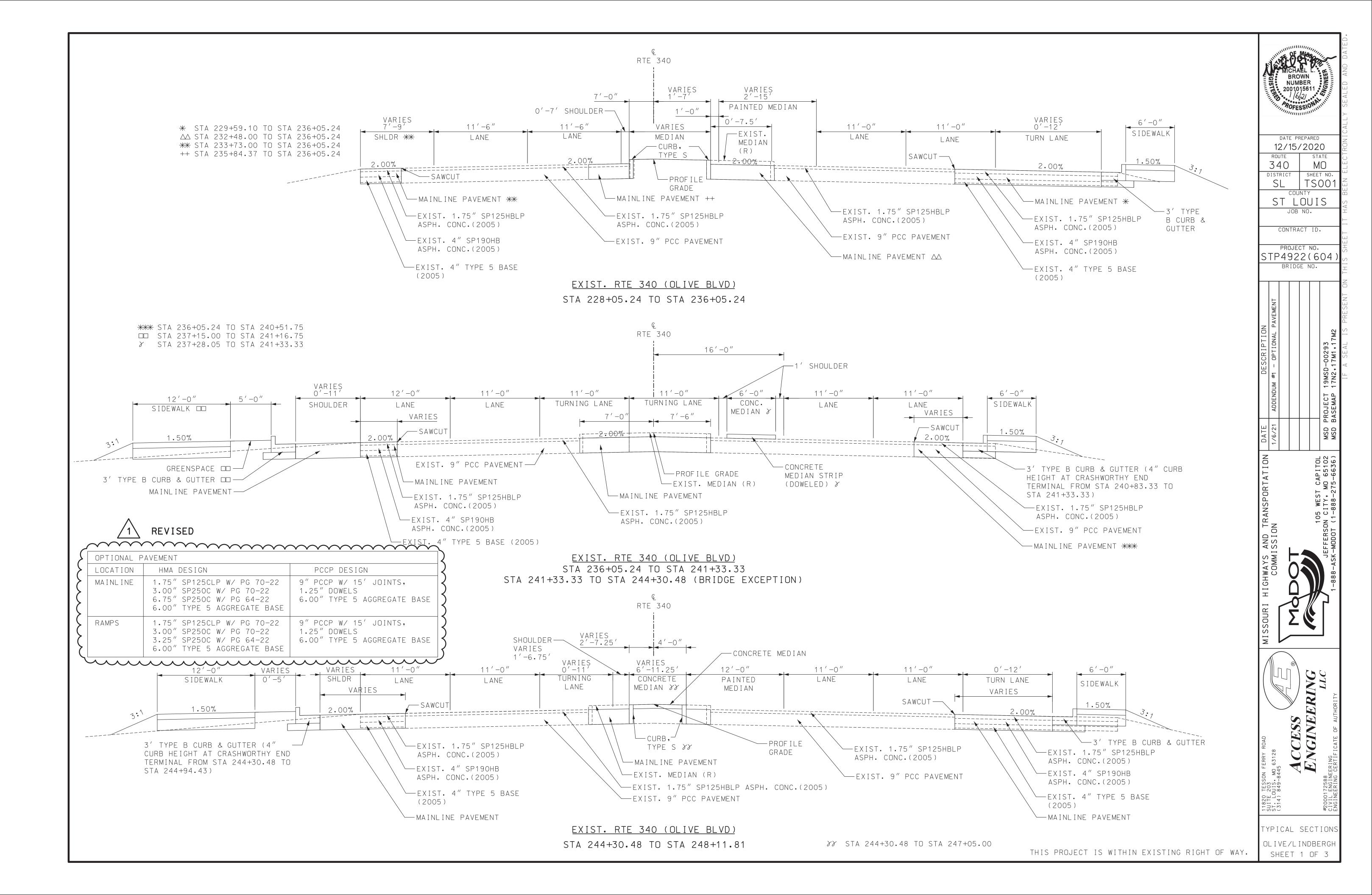
# GGG. Optional Pavements

- 1.0 Description. This work shall consist of a pavement composed of either Portland cement concrete or asphaltic concrete constructed on a prepared subgrade. This work shall be performed in accordance with the standard specifications and as shown on the plans or established by the engineer.
- **2.0** The quantities shown reflect the total square yards of pavement surface designated for each pavement type as computed and shown on the plans.
- **2.1** No additional payment will be made for asphaltic concrete mix quantities to construct the required 1:1 slope along the edge of the pavement, or for tack applied between lifts of asphalt.
- 2.2 No additional payment will be made for aggregate base quantities outside the limits of the final surface area as computed and shown on the plans. When A2 shoulders are specified, payment for aggregate base will be as shown on the plans.
- 2.3 The grading shown on the plans was designed for the thicker pavement option. For projects with grading in the contract, there will be no adjustment of the earthwork quantities due to adjusting the roadway subgrade for optional pavements.
- **2.4** The contractor shall comply with Sections 401 through 403 for the asphalt option and Sections 501 and 502 for the concrete option.
- 2.5 Pavement options composed of Portland cement concrete shall have contrast pavement marking for intermittent markings (skips), dotted lines, and solid intersection lane lines. The pavement markings shall be in accordance with Section 620. No additional payment will be made for the contrast pavement markings.
- **3.0 Method of Measurement**. The quantities of concrete pavement will be measured in accordance with Section 502.14. The quantities of asphaltic concrete pavement will be measured in accordance with Section 403.22.



# **4.0 Basis of Payment.** The accepted quantity of the chosen option will be paid for by the contract unit bid price for Items:

Item No.	Unit	Description
403-99.05	Square Yard	Misc. Optional Pavement (Mainline Pavement)
403-99.05 {1}	Square Yard	Misc. Optional Pavement (Ramp Pavement)



					REMOVAL OF IMPROV	EMENTS				
SHEET	STA TO STA		LOCATION		DESCRIPTION	QUANTITY	REMARKS			
2	231+48	235+59	RTE 340	RT	EXISTING RAMP	418 SY	PAVEMENT REMOVAL			
2	240+00	241+33	RTE 340	RT	EXISTING RAMP	109 SY	PAVEMENT REMOVAL			
3	244+30	245+78	RTE 340	RT	EXISTING RAMP	319 SY	PAVEMENT REMOVAL			
3	249+78	254+55	RTE 340	RT	EXISTING RAMP	456 SY	PAVEMENT REMOVAL			
2	0+92	7+45	RAMP A		EXISTING RAMP	1713 SY	PAVEMENT REMOVAL			
3	0+00	6+22	RAMP B		EXISTING RAMP	1620 SY	PAVEMENT REMOVAL			
3	2+86	3+74	RAMP C	;	EXISTING RAMP	212 SY	PAVEMENT REMOVAL			
3	0+84	3+39	RAMP C	;	EXISTING RAMP	594 SY	PAVEMENT REMOVAL			
2	3+04	4+56	RAMP D		EXISTING RAMP	406 SY	PAVEMENT REMOVAL			
2	3+89	7+55	RAMP D		EXISTING RAMP	971 SY	PAVEMENT REMOVAL			
2	5+07	6+27	RAMP D	)	EXISTING RAMP	243 LF	GUARDRAIL REMOVAL			
2	5+21	8+08	RAMP D		EXISTING RAMP	648 LF	GUARDRAIL REMOVAL			
3	9+00	10+52	RAMP E		EXISTING RAMP	274 SY	PAVEMENT REMOVAL			
3	10+12	14+00	RAMP E		EXISTING RAMP	785 SY	PAVEMENT REMOVAL			
2	2+03	10+85	RAMP F		EXISTING RAMP	877 LF	GUARDRAIL REMOVAL			
2	4+90	6+07	RAMP F		EXISTING RAMP	238 SY	PAVEMENT REMOVAL			
2	3+52	5+43	RAMP F		EXISTING RAMP	326 SY	PAVEMENT REMOVAL			
	TOTAL = 1 LUMP SUM									

\* INLUDES ALL SAWCUTS, SIGNAGE, SIGN STRUCTURES, CULVERTS, INLETS, DRAINAGE STRUCTURES, AND OTHER NECESSARY REMOVALS FOR PROJECT CONSTRUCTION.

	GUARDRAIL											
SHEET	SHEET STA TO STA		TO STA LOCATION		MGS GUARDRAIL LONG POST	MGS END ANCHOR	TRANSITION SECTION	BRIDGE TRANSITION SECTION	CRASHWORTHY END TERMINAL			
					LF	EA	EA	EA	EA			
2	5+13.00	10+85.00	WEST CONN	LT	525.00	1	1		1			
2	2+00.00	4+37.00	RAMP D/ WEST CONN	RT	187.50	1	1		1			
2	240+82.00	241+32.00	OLIVE	RT				1	1			
3	244+30.48	244+80.48	OLIVE	LT				1	1			
			TOTALS		713	2	2	2	4			

BARRIER											
SHEET	STA TO STA		LOCATION	NC	TYPE C BARRIER	TYPE A BARRIER					
					LF	LF					
2	4+42.50	7+60.00	WEST CONN	CL	318.0						
2	7+60.00	7+80.00	WEST CONN	CL		20.0					
3	7+96.00	11+06.00	EAST CONN	CL	310.0						
		628.0	20.0								

EARTHWORK										
LOCATION	CLASS A EXCAVATION	EMBANKMENT IN PLACE	COMPACTING EMBANKMENT	COMPACTING IN CUT	SETTLEMENT GAUGE	REMARKS				
	CU YD	CUYD	CU YD	STA	EACH					
RTE 340	2899	176	2899	50.0						
RAMP WEST	1517	5340	1517		1.0					
RAMP EAST	544	2454	544	0.0	1.0					
RAMP WEST DETENTION	3257	852	3257	0.0						
RAMP EAST DETENTION	5036	0	5036	0.0		2826 CU YD MOVED TO RAMP WES				
TOTALS	13254	8822	13254	50.0	2.0					

**MOBILIZATION** TOTAL = 1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING AND STAKING

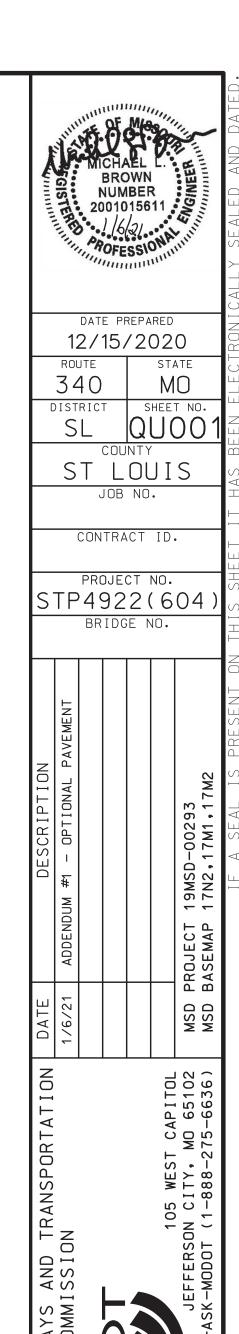
TOTAL = 1 LUMP SUM

	ROCK BLANKET											
SHEET STATO STA		LOCATION			DEPTH	FURNISHING TYPE 1	PLACING TYPE 1	REMARKS				
							VOLUME	VOLUME	1			
						FT	CU YD	CU YD				
2	6+16.00	7+47.00	WEST CONN	LT		2	245	245				
2	241+25	241+25	OLIVE	LT/RT		2	44	44				
3	244+32	244+32	OLIVE	LT/RT		2	44	44				
3	245+10	245+10	OLIVE	RT		2	22	22				
	TOTAL 356 356											

	TURF REINFORCEMENT MAT													
SHEET	STA	го sta	LOCA	TION	AREA	EROSION CONTROL BLANKET								
					SQ FT	SQ YD								
	040.05	044 : 05	DTE 040	1.7	4000	400								
3	240+25	241+25	RTE 340	LT	1200	133								
	TOTAL													

				TE	MPORARY E	EROSION	CONTROL				
					SEDIMENT	SILT	SEDIMENT	CURB INLET	ROCK DITCH		
SHEET	STAT	O STA	LOCATION		REMOVAL	FENCE	TRAP	CHECK	CHECK	REMARKS	
				CU YD	LF	CU YD	EA	LF			
2	229+00	243+00	RTE 340	LT/RT	47		4.7	8	207	2 EX. AREA INLET	
2	229+30	239+99	RTE 340 (RAMP F)	RT	13	1271					
2	233+56	242+38	RTE 340 (RAMP D)	LT	14	1312					
2	238+13	239+38	RTE 340	RT	4	366					
2	239+45	242+35	RTE 340 (RAMP A)	LT	9	848					
2	3+04	4+45	WEST CONN	LT	4	316					
2	239+46	241+57	RTE 340	RT	7	602					
3	243+00	257+00	RTE 340	LT/RT	45		4.7	14	133	1 EX. AREA INLET	
3	243+21	254+96	RTE 340	LT	17	1622					
3	243+26	245+70	RTE 340 (RAMP B)	LT	7	691					
3	243+54	245+21	RTE 340	RT	5	430					
3	0+12	5+56	RAMP C	LT	6	592					
3	7+00	8+40	RAMP E	LT	2	147					
3	7+00	257+00	RAMP E (RTE 340)	RT	13	1278					
4	257+00	29+15	RTE 340	RT	36		4.7	10	64		
4	257+00	261+63	RTE 340	RT	5	466					
4	263+15	29+15	RTE 340	RT	8	768					
5	4+81	7+00	RAMP E	LT	3	220					
5	4+81	7+00	RAMP E	RT	3	220					
5	10+20	10+83	RAMP F	RT	1	63					
			Т	OTALS	249	11212	14.0	32	404		

			CUL	VERT CL	EANOUT		
SHEET	STATION	LOCATION	MATERIAL	SIZE	LENGTH	CULVERT CLEANOUT	REMARKS
				IN	FT	EA	
2	229+50	OLIVE	RCP	15	34	1	EXISTING
2	234+95	OLIVE	RCP	30	227	1	EXISTING
2	241+00	OLIVE	RCP	30	253	1	EXISTING
2	1+71	WEST CONN	RCP	15	88	1	EXISTING
2	5+71	WEST CONN	RCP	12	166	1	EXISTING
3	254+50	OLIVE	RCP	15	100	1	EXISTING
3	1+50	RAMP B	RCP	12	65	1	EXISTING
3	5+00	RAMP B	RCP	18	123	1	EXISTING
3	7+00	RAMP C	RCP	12	52	1	EXISTING
3	7+50	RAMP C	RCP	15	55	1	EXISTING
4	262+50	OLIVE	RCP	12	154	1	EXISTING
5	2+12	RAMP E	RCP	18	84	1	EXISTING
		TOTAL				12	



SUMMARY OF QUANTITIES OLIVE/LINDBERGH SHEET 1 OF 4

REVISED

											P	AVEMENT									
SHEET	T STA TO STA LOC		LOCA	MAINLINE OPTIONAL LOCATION PAVEMENT		RAMP OPTIONAL PAVEMENT	RAMP OVERLAY PAVEMENT	TYPE 5 AGG. BASE				SP190C (PG 64-22)	SP190 SP190 (PG 64-22)	TAC	CK COAT	PRIME COAT	COLDMILLING BITUMINOUS PAVEMENT (3"	A2 SHOULDER	CONCRETE MEDIAN SURFACE	CONCRETE MEDIAN STRIP	
					AREA	AREA	AREA (1.75 IN)	6 IN		1.75 IN 1.927 TON/C	v	3.00 IN 1.940 TON/CY	6.75 IN 1.940 TON/CY	3.25 IN 1.940 TON/CY	0.06.6	GAL/SQ YD	0.35 GAL/SQ YD	THICK OR LESS)		(4 IN)	(6 IN)
					SQ YD	SQ YD	SQ YD	SQ YD	+	TONS	· 1	TONS	TONS	TONS		GAL	GAL	SQ YD	SQ YD	SQ YD	SQ YD
					00.15	00.15		34.15	FULL DEPTH	OVERLAY (1.75")	OVERLAY WEDGE	10110	10110	10110	FULL DEPTH	OVERLAY	O/IL	50,15	- OQ 15	54.15	- JQ 12
2	229+37	236+24	OLIVE	RT				299													
2				CL																310	
2		241+33		RT	1750			2006	163.9			282.9	636.6		105.0		612.5				
2		241+33	OLIVE	CL	1054			1054	98.7			170.4	383.3		63.2		368.8				
2		241+33	OLIVE	CL	4440			4000	1010			100.0	1010		00.0		222.2				270
2		241+33	OLIVE RAMP F	LT/RT	1113	4159	489	1298 4367	104.3	45.8	28.3	180.0 672.4	404.9	728.4	66.8	29.3	389.6 1455.7	489	169.2		150
	3+03 2+58	8+24 3+03	RAMP D	LT/RT		4159	147	4307	389.6	13.8	20.3	072.4		720.4	249.5	8.8	1455.7	147	109.2		150
3	244+30	254+96	OLIVE	LT	467		147	631	43.8	13.0		75.5	169.9		28.0	0.0	163.5	147			
3	244+30	247+02	OLIVE	CNTR	407			001	1 40.0			70.0	100.0		20.0		100.0			220.2	
3	248+14	253+55	OLIVE	CNTR	1473			1473	138.0			238.1	535.7		88.4		515.4				345
3	252+34	253+55	OLIVE	CNTR																93.7	 
3,4	244+30	261+62	OLIVE	RT	1280			1965	119.9			207.0	465.8		76.8		448.2				
3,5	4+80		RAMP E	LT/RT		3830	819	4021	358.7	76.7	47.3	619.1		670.7	229.8	49.1	1340.4	819	186.5		141
3	2+75		RAMP C	LT/RT			157			14.7						9.4		157			
4	261+62	29+15	OLIVE	RT	89			415	8.3			14.4	32.3		5.3		31.1				
		S	 UBTOTAL:	 S	7,226	7,989		17526.7	1425.2	151.0	75.6	2459.7	2628.5	1399.1	912.9	96.7	5325	1611.6	355.7	623.9	905.0
		O	<u> </u>		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7,000	5 percent	876	71	7.5	3.8	123	131	70	46	5	266	81	17.8	31.2	45.2
							TOTALS	18,404	1497*	237		2583*	2760*	1470*	959*	102	5592*	1,693	373.5	655.1	1,092.9

ſ	MEDIAN SURFACE (EXPOSED AGGREGATE)												
SHEET	STA T	O STA	LOCATION	AREA	AREA								
				SF	SY								
2	0+00	BRIDGE	OLIVE BLVD	4632	514.7								
3	BRIDGE	END	OLIVE BLVD	3439	382.1								
	TOTALS 896.8												

1 REVISED

												STORM SEWE	R		1		ı	1				,	
PLAN SECTION					GROUP A		GROUP A PIPE COLLAR PRECAST CONCRETE		MANHOLE FRAME AND	DROP INLET	PRECAST CONCRETE	PRECAST CONCRETE	CONCRETE   GPAT	CURVED VANE GRATE AND	GRATE AND BEARING PLATE	CURB INLET	FLARED END SECTIONS		CLASS 3 ROCK	ROCK			
SECTION SHEET					12 IN	12 IN 15 IN 21		15 IN	MANHOLE 48"	COVER	(SHALLOW)	DROP INLET 2'X2'	DROP NLET 5'X2'	DROP INLET 3'X2.5'	FRAME	(5'X2')		12 IN	21 IN	EXC. LINING	LINING	PAD	REMARKS
	ID	STATION	OFFSET	LOCATION	LF	LF	LF	EA	LF	EA	EA	LF	LF	LF	EA	EA	EA	EA	EA	CU YD	CU YD	EA	
2	7A	229+68	35.57' RT	OLIVE							1				1					2		1	
2	8A	231+85	47.30' RT								1				1					2		1	
2	9A	234+04	49.50' RT								1				1					2		1	
2	12A	241+25	39.50' R1								1				1					1		1	
2	26A	237+28	49.50' LT								1				1					3	_	1	
!	27A	239+50	49.50' LT								1				1					3		1	
	28A	241+25	34.73' LT	OLIVE							1				1					2			
2	29A	241+25	48.52' LT								1				1					1		1	
2 CS001	10A	8+19	45.64' LT		152							4			1					3			
CS001	10B	7+23	87.17' RT	RAMPWEST	49							12			1								
CS001	10C	6+75	105.16' RT															1			2		
CS001	11A	6+95	1.60' RT	RAMPWEST	87							7			1					1			
CS001	11B	6+48	79.31' RT	RAMPWEST					-									1			2		
CS001	34A	5+85	89.38' RT	RAMPWEST		43								10			1			51	_		
CS001	34B	6+05	49.00' RT	RAMPWEST		25		1	17	1											_		
CS001 CS001	34C	5+91	27.97' RT					1 1		-													
3	13A	244+33	39.50' RT	OLIVE							1				1					2		1	
3	14A	245+10	51.50' RT								1				1					2		1	
	17A	251+00	39.50' RT	OLIVE							1				1					5		1	
		252+05	39.50' RT	C OLIVE							1				1					2		1	
	19A	253+10	38.11' RT	OLIVE							1				1					2		1	
	20A		35.48' R1								1				1					2		1	
	30A		36.15' LT								1				1					2		1	
	31A		37.50' LT								1				1					3		1	
CS003	15A		34.37' R7		155							7			1					433		·	
CS003	15B		121.49' LT		131							13			1					1.00			
CS003	15C	9+36	208.23' LT		101													1			2		
CS002	16A	8+45	44.06' LT		59								8			1		<u>'</u>		65			
CS002	16B	8+30	108.00' LT		00											· ·		1		55	2		
CS002	33A	8+28	246.22' LT				69							6			1	'		51			
CS002	33B	7+84	308.48' LT					+									<u>'</u>		1	-	3		
CS002	32A	248+50	50.92' LT		90			+										1	'	77			
CS003			50.82' LT		101			+	7	1								'		''			
	32C		82.76' LT		101			+		'								1		+	2		
	21A		37.44' R1					+			1				1			'		2		1	
			43.48' RT					+			1				1					2		1	
			50.74' R1					+			1				1					2		1	
			47.64' R1								1				1					2	_	1 1	
								+			1				1					2		1	
	25A	∠00+00	43.03' R1		824	68	69		24	2	21	43	8	16	26		2	6		727	13	20*	

\* INCLUDED IN DROP INLET (SHALLOW)

> \* FOR INFORMATION ONLY

MSD

DATE PREPARED 12/15/2020

ST LOUIS

CONTRACT ID.

PROJECT NO.
STP4922(604)
BRIDGE NO.

SUMMARY OF
QUANTITIES
OLIVE/LINDBERGH
SHEET 2 OF 4