



Matthew G. Bevin
Governor

COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET
Frankfort, Kentucky 40622
www.transportation.ky.gov/

Greg Thomas
Secretary

September 19, 2019

CALL NO. 201
CONTRACT ID NO. 195139
ADDENDUM # 2

Subject: OHIO COUNTY, 092GR19D050-STP BRZ
Letting September 20, 2019

- (1) Revised - Material Summary - Pages 124-126 of 163
- (2) Revised - Proposal Bid Items - Pages 161-163 of 163
- (3) Revised - Plan Sheet - R2A

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in black ink that reads "Rachel Mills". The signature is written in a cursive, flowing style.

Rachel Mills, P.E.
Director
Division of Construction Procurement

RM:mr
Enclosures



An Equal Opportunity Employer M/F/D

MATERIAL SUMMARY

CONTRACT ID: 195139

092GR19D050-STP BRZ

BR09200621900

US-62 ADDRESS DEFICIENCIES OF BRIDGE OVER BRANCH OVER THREE LICK FORK ON US 62 0.4 MILE E. OF GREEN MEADOWS DRIVE (CS 6068) IN BEAVER DAM. (092B00033N) BRIDGE REPLACEMENT, A DISTANCE OF .07 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	00003	CRUSHED STONE BASE	330.00	TON
0010	00100	ASPHALT SEAL AGGREGATE	5.00	TON
0015	00103	ASPHALT SEAL COAT	1.00	TON
0020	00190	LEVELING & WEDGING PG64-22	10.00	TON
0025	00212	CL2 ASPH BASE 1.00D PG64-22	350.00	TON
0030	00301	CL2 ASPH SURF 0.38D PG64-22	100.00	TON
0035	00356	ASPHALT MATERIAL FOR TACK	1.00	TON
0040	00464	CULVERT PIPE-24 IN	408.00	LF
0045	01517	DROP BOX INLET TYPE 5F	1.00	EACH
0050	01645	JUNCTION BOX-36 IN	1.00	EACH
0055	01891	ISLAND HEADER CURB TYPE 2	100.00	LF
0060	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	12.00	EACH
0065	01990	DELINEATOR FOR BARRIER WALL-B/W	4.00	EACH
0070	02014	BARRICADE-TYPE III	4.00	EACH
0075	02223	GRANULAR EMBANKMENT	596.00	CUYD
0080	02231	STRUCTURE GRANULAR BACKFILL	299.50	CUYD
0085	02351	GUARDRAIL-STEEL W BEAM-S FACE	600.00	LF
0090	02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	4.00	EACH
0095	02381	REMOVE GUARDRAIL	580.00	LF
0100	02545	CLEARING AND GRUBBING - Less than 1 acre	1.00	LS
0105	02585	EDGE KEY	49.00	LF
0110	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS
0115	02671	PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH
0120	02676	MOBILIZATION FOR MILL & TEXT	1.00	LS
0125	02677	ASPHALT PAVE MILLING & TEXTURING	11.00	TON
0130	02726	STAKING	1.00	LS
0135	02731	REMOVE STRUCTURE	1.00	LS
0140	03299	ARMORED EDGE FOR CONCRETE	80.00	LF
0145	05950	EROSION CONTROL BLANKET	457.00	SQYD
0150	06514	PAVE STRIPING-PERM PAINT-4 IN	1,600.00	LF
0155	08003	FOUNDATION PREPARATION	1.00	LS
0160	08019	CYCLOPEAN STONE RIP RAP	1,006.00	TON
0165	08033	TEST PILES	130.00	LF
0170	08046	PILES-STEEL HP12X53	905.00	LF
0175	08094	PILE POINTS-12 IN	16.00	EACH
0180	08100	CONCRETE-CLASS A	39.40	CUYD
0185	08104	CONCRETE-CLASS AA	196.70	CUYD
0190	08151	STEEL REINFORCEMENT-EPOXY COATED	41,713.00	LB
0195	21289ED	LONGITUDINAL EDGE KEY	446.00	LF
0200	21415ND	EROSION CONTROL	1.00	LS
0205	21532ED	RAIL SYSTEM TYPE III	234.00	LF
0210	23378EC	CONCRETE SEALING	8,797.00	SQFT
0215	24520EC	PPC I-BEAM HN 48-49	577.50	LF

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0220	02568	MOBILIZATION	1.00	LS
0225	02569	DEMOBILIZATION	1.00	LS

CONTRACT ID: 195139

092GR19D050-STP BRZ

DE09200621950

US-62 ADDRESS DEFICIENCIES OF BRIDGE ON US-62 OVER BRANCH OF THREE LICK FORK 0.23 MILES EAST OF GREEN MEADOWS DR BRIDGE REPLACEMENT, A DISTANCE OF .1 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0230	00003	CRUSHED STONE BASE	600.00	TON
0235	00100	ASPHALT SEAL AGGREGATE	21.00	TON
0240	00103	ASPHALT SEAL COAT	2.50	TON
0245	00190	LEVELING & WEDGING PG64-22	100.00	TON
0250	00212	CL2 ASPH BASE 1.00D PG64-22	400.00	TON
0255	00301	CL2 ASPH SURF 0.38D PG64-22	200.00	TON
0260	02677	ASPHALT PAVE MILLING & TEXTURING	85.00	TON
0265	02676	MOBILIZATION FOR MILL & TEXT	1.00	LS
0270	01891	ISLAND HEADER CURB TYPE 2	100.00	LF
0275	01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	8.00	EACH
0280	01984	DELINEATOR FOR BARRIER - WHITE	4.00	EACH
0285	02014	BARRICADE-TYPE III	4.00	EACH
0290	02159	TEMP DITCH	260.00	LF
0295	02160	CLEAN TEMP DITCH	260.00	LF
0300	02200	ROADWAY EXCAVATION	1,550.00	CUYD
0305	02242	WATER	1.00	MGAL
0310	02351	GUARDRAIL-STEEL W BEAM-S FACE	450.00	LF
0315	02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	4.00	EACH
0320	02367	GUARDRAIL END TREATMENT TYPE 1	2.00	EACH
0325	02369	GUARDRAIL END TREATMENT TYPE 2A	2.00	EACH
0330	02381	REMOVE GUARDRAIL	600.00	LF
0340	02429	RIGHT-OF-WAY MONUMENT TYPE 1	11.00	EACH
0345	02432	WITNESS POST	11.00	EACH
0350	02545	CLEARING AND GRUBBING - 0.2 ACRES	1.00	LS
0355	02562	TEMPORARY SIGNS	252.00	SQFT
0360	02585	EDGE KEY	40.00	LF
0365	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS
0370	02677	ASPHALT PAVE MILLING & TEXTURING	49.00	TON
0375	02701	TEMP SILT FENCE	260.00	LF
0380	02703	SILT TRAP TYPE A	1.00	EACH
0385	02704	SILT TRAP TYPE B	1.00	EACH
0390	02706	CLEAN SILT TRAP TYPE A	3.00	EACH
0395	02707	CLEAN SILT TRAP TYPE B	3.00	EACH
0400	02726	STAKING	1.00	LS
0405	02731	REMOVE STRUCTURE	1.00	LS
0410	05950	EROSION CONTROL BLANKET	270.00	SQYD
0415	05952	TEMP MULCH	2,081.00	SQYD

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0420	05953	TEMP SEEDING AND PROTECTION	2,081.00	SQYD
0425	05963	INITIAL FERTILIZER	.50	TON
0430	05964	MAINTENANCE FERTILIZER	.61	TON
0435	05985	SEEDING AND PROTECTION	2,081.00	SQYD
0440	05992	AGRICULTURAL LIMESTONE	3.70	TON
0445	06514	PAVE STRIPING-PERM PAINT-4 IN	2,080.00	LF
0450	23274EN11F	TURF REINFORCEMENT MAT 1	128.00	SQYD
0455	02231	STRUCTURE GRANULAR BACKFILL	271.40	CUYD
0460	08019	CYCLOPEAN STONE RIP RAP	265.00	TON
0465	21532ED	RAIL SYSTEM TYPE III	186.80	LF
0470	23378EC	CONCRETE SEALING	8,684.00	SQFT
0475	08001	STRUCTURE EXCAVATION-COMMON	254.00	CUYD
0480	08002	STRUCTURE EXCAV-SOLID ROCK	245.00	CUYD
0485	08033	TEST PILES	29.00	LF
0490	08046	PILES-STEEL HP12X53	228.00	LF
0495	08094	PILE POINTS-12 IN	10.00	EACH
0500	08100	CONCRETE-CLASS A	223.80	CUYD
0505	08104	CONCRETE-CLASS AA	162.50	CUYD
0510	08150	STEEL REINFORCEMENT	15,415.00	LB
0515	08151	STEEL REINFORCEMENT-EPOXY COATED	38,436.00	LB
0520	03299	ARMORED EDGE FOR CONCRETE	99.00	LF
0525	08634	PRECAST PC I BEAM TYPE 4	455.00	LF
0530	23813EC	DECK DRAIN	4.00	EACH
0535	02568	MOBILIZATION	1.00	LS
0540	02569	DEMOBILIZATION	1.00	LS

PROPOSAL BID ITEMS

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Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	600.00	TON		\$	
0020	00100		ASPHALT SEAL AGGREGATE	21.00	TON		\$	
0030	00103		ASPHALT SEAL COAT	2.50	TON		\$	
0040	00190		LEVELING & WEDGING PG64-22	100.00	TON		\$	
0050	00212		CL2 ASPH BASE 1.00D PG64-22	400.00	TON		\$	
0060	00301		CL2 ASPH SURF 0.38D PG64-22	200.00	TON		\$	
0070	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0080	02677		ASPHALT PAVE MILLING & TEXTURING	85.00	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0090	01891		ISLAND HEADER CURB TYPE 2	100.00	LF		\$	
0100	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	8.00	EACH		\$	
0110	01984		DELINEATOR FOR BARRIER - WHITE	4.00	EACH		\$	
0120	02014		BARRICADE-TYPE III	4.00	EACH		\$	
0130	02159		TEMP DITCH	260.00	LF		\$	
0140	02160		CLEAN TEMP DITCH	260.00	LF		\$	
0150	02200		ROADWAY EXCAVATION	1,550.00	CUYD		\$	
0160	02242		WATER	1.00	MGAL		\$	
0170	02351		GUARDRAIL-STEEL W BEAM-S FACE	450.00	LF		\$	
0180	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	4.00	EACH		\$	
0190	02367		GUARDRAIL END TREATMENT TYPE 1	2.00	EACH		\$	
0200	02369		GUARDRAIL END TREATMENT TYPE 2A	2.00	EACH		\$	
0210	02381		REMOVE GUARDRAIL	600.00	LF		\$	
0230	02429		RIGHT-OF-WAY MONUMENT TYPE 1	11.00	EACH		\$	
0240	02432		WITNESS POST	11.00	EACH		\$	
0250	02545		CLEARING AND GRUBBING 0.2 ACRES	1.00	LS		\$	
0260	02562		TEMPORARY SIGNS	252.00	SQFT		\$	
0270	02585		EDGE KEY	40.00	LF		\$	
0280	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0290	02677		ASPHALT PAVE MILLING & TEXTURING	49.00	TON		\$	
0300	02701		TEMP SILT FENCE	260.00	LF		\$	
0310	02703		SILT TRAP TYPE A	1.00	EACH		\$	
0320	02704		SILT TRAP TYPE B	1.00	EACH		\$	
0330	02706		CLEAN SILT TRAP TYPE A	3.00	EACH		\$	
0340	02707		CLEAN SILT TRAP TYPE B	3.00	EACH		\$	
0350	02726		STAKING	1.00	LS		\$	
0360	02731		REMOVE STRUCTURE	1.00	LS		\$	
0370	05950		EROSION CONTROL BLANKET	270.00	SQYD		\$	
0380	05952		TEMP MULCH	2,081.00	SQYD		\$	
0390	05953		TEMP SEEDING AND PROTECTION	2,081.00	SQYD		\$	
0400	05963		INITIAL FERTILIZER	.50	TON		\$	
0410	05964		MAINTENANCE FERTILIZER	.61	TON		\$	

OHIO COUNTY
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195139

PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0420	05985		SEEDING AND PROTECTION	2,081.00	SQYD		\$	
0430	05992		AGRICULTURAL LIMESTONE	3.70	TON		\$	
0440	06514		PAVE STRIPING-PERM PAINT-4 IN	2,080.00	LF		\$	
0450	23274EN11F		TURF REINFORCEMENT MAT 1	128.00	SQYD		\$	

Section: 0003 - BRIDGE - 092B00033N

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0460	00003		CRUSHED STONE BASE	330.00	TON		\$	
0470	00100		ASPHALT SEAL AGGREGATE	5.00	TON		\$	
0480	00103		ASPHALT SEAL COAT	1.00	TON		\$	
0490	00190		LEVELING & WEDGING PG64-22	10.00	TON		\$	
0500	00212		CL2 ASPH BASE 1.00D PG64-22	350.00	TON		\$	
0510	00301		CL2 ASPH SURF 0.38D PG64-22	100.00	TON		\$	
0520	00356		ASPHALT MATERIAL FOR TACK	1.00	TON		\$	
0530	00464		CULVERT PIPE-24 IN	408.00	LF		\$	
0540	01517		DROP BOX INLET TYPE 5F	1.00	EACH		\$	
0550	01645		JUNCTION BOX-36 IN	1.00	EACH		\$	
0560	01891		ISLAND HEADER CURB TYPE 2	100.00	LF		\$	
0570	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	12.00	EACH		\$	
0580	01990		DELINEATOR FOR BARRIER WALL-B/W	4.00	EACH		\$	
0590	02014		BARRICADE-TYPE III	4.00	EACH		\$	
0600	02223		GRANULAR EMBANKMENT	596.00	CUYD		\$	
0610	02231		STRUCTURE GRANULAR BACKFILL	299.50	CUYD		\$	
0620	02351		GUARDRAIL-STEEL W BEAM-S FACE	600.00	LF		\$	
0630	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	4.00	EACH		\$	
0640	02381		REMOVE GUARDRAIL	580.00	LF		\$	
0650	02545		CLEARING AND GRUBBING Less than 1 acre	1.00	LS		\$	
0660	02585		EDGE KEY	49.00	LF		\$	
0670	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0680	02671		PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH		\$	
0690	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0700	02677		ASPHALT PAVE MILLING & TEXTURING	11.00	TON		\$	
0710	02726		STAKING	1.00	LS		\$	
0720	02731		REMOVE STRUCTURE	1.00	LS		\$	
0730	03299		ARMORED EDGE FOR CONCRETE	80.00	LF		\$	
0740	05950		EROSION CONTROL BLANKET	457.00	SQYD		\$	
0750	06514		PAVE STRIPING-PERM PAINT-4 IN	1,600.00	LF		\$	
0760	08003		FOUNDATION PREPARATION	1.00	LS		\$	
0770	08019		CYCLOPEAN STONE RIP RAP	1,006.00	TON		\$	
0780	08033		TEST PILES	130.00	LF		\$	
0790	08046		PILES-STEEL HP12X53	905.00	LF		\$	
0800	08094		PILE POINTS-12 IN	16.00	EACH		\$	
0810	08100		CONCRETE-CLASS A	39.40	CUYD		\$	
0820	08104		CONCRETE-CLASS AA	196.70	CUYD		\$	
0830	08151		STEEL REINFORCEMENT-EPOXY COATED	41,713.00	LB		\$	

PROPOSAL BID ITEMS

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Report Date 9/19/19

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0840	21289ED		LONGITUDINAL EDGE KEY	446.00	LF		\$	
0850	21415ND		EROSION CONTROL	1.00	LS		\$	
0860	21532ED		RAIL SYSTEM TYPE III	234.00	LF		\$	
0870	23378EC		CONCRETE SEALING	8,797.00	SQFT		\$	
0880	24520EC		PPC I-BEAM HN 48-49	577.50	LF		\$	

Section: 0004 - BRIDGE-092B00032

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0890	02231		STRUCTURE GRANULAR BACKFILL	271.40	CUYD		\$	
0900	03299		ARMORED EDGE FOR CONCRETE	99.00	LF		\$	
0910	08001		STRUCTURE EXCAVATION-COMMON	254.00	CUYD		\$	
0920	08002		STRUCTURE EXCAV-SOLID ROCK	245.00	CUYD		\$	
0930	08019		CYCLOPEAN STONE RIP RAP	265.00	TON		\$	
0940	08033		TEST PILES	29.00	LF		\$	
0950	08046		PILES-STEEL HP12X53	228.00	LF		\$	
0960	08094		PILE POINTS-12 IN	10.00	EACH		\$	
0970	08100		CONCRETE-CLASS A	223.80	CUYD		\$	
0980	08104		CONCRETE-CLASS AA	162.50	CUYD		\$	
0990	08150		STEEL REINFORCEMENT	15,415.00	LB		\$	
1000	08151		STEEL REINFORCEMENT-EPOXY COATED	38,436.00	LB		\$	
1010	08634		PRECAST PC I BEAM TYPE 4	455.00	LF		\$	
1020	21532ED		RAIL SYSTEM TYPE III	186.80	LF		\$	
1030	23378EC		CONCRETE SEALING	8,684.00	SQFT		\$	
1040	23813EC		DECK DRAIN	4.00	EACH		\$	

Section: 0005 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1050	02568		MOBILIZATION	1.00	LS		\$	
1060	02569		DEMOBILIZATION	1.00	LS		\$	

DATUM

FILE NAME: c:\pwwork\CHRIS.CONGLETON\0715926\F0020A5U.DGN

USER: chris.congleton
DATE PLOTTED: September 18, 2019
E-SHEET NAME:

MicroStation v8.1i.9.832

GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	MAINLINE	BENCHING	PROJECT TOTALS
01891	ISLAND HEADER CURB TYPE 2	LF	100		100
01982	DELINEATOR FOR GUARDRAIL WHITE	EACH	8		8
01984	DELINEATOR FOR BARRIER WHITE	EACH	4		4
02014	BARRICADE-TYPE III	EACH	4		4
02159	TEMPORARY DITCH	LF	260		260
02160	CLEAN TEMPORARY DITCH	LF	260		260
02200	ROADWAY EXCAVATION	CUYD	1212	398	1610
02242	WATER ⑧	MGAL	1		1
02351	GUARDRAIL STEEL W BEAM - SINGLE FACE	LF	450		450
02363	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A	EACH	4		4
02367	GUARDRAIL END TREATMENT TYPE 1	EACH	2		2
02369	GUARDRAIL END TREATMENT TYPE 2A	EACH	2		2
02381	REMOVE GUARDRAIL	LF	600		600
02429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	11		11
02432	WITNESS POST	EACH	11		11
02545	CLEARING AND GRUBBING ④	LS	1		1
02562	TEMPORARY SIGNS	SOFT	116		116
02568	MOBILIZATION	LS	1		1
02569	DEMOBILIZATION	LS	1		1
02585	EDGE KEY	LF	40		40
02650	MAINTAIN AND CONTROL TRAFFIC	LS	1		1
02676	MOBILIZATION FOR MILLING AND TEXTURING	LS	1		1
02677	ASPHALT PAVEMENT MILLING AND TEXTURING	TON	49		49
02701	TEMPORARY SILT FENCE ⑤	LF	260		260
02703	SILT TRAP TYPE "A" ⑤	EACH	2		2
02704	SILT TRAP TYPE "B" ⑤	EACH	2		2
02705	SILT TRAP TYPE "C" ⑤	EACH	1		1
02706	CLEAN SILT TRAP TYPE "A" ⑤	EACH	6		6
02707	CLEAN SILT TRAP TYPE "B" ⑤	EACH	6		6
02708	CLEAN SILT TRAP TYPE "C" ⑤	EACH	3		3
02726	STAKING	LS	1		1
02731	REMOVE STRUCTURE ⑥	LS	1		1
05950	EROSION CONTROL BLANKET ⑤	SOYD	270		270
05952	TEMPORARY MULCH ⑤	SOYD	3775		3775
05953	TEMP SEEDING AND PROTECTION ⑤	SOYD	3775		3775
05963	INITIAL FERTILIZER ⑤	TON	0.50		0.50
05964	MAINTENANCE FERTILIZER ⑤	TON	0.61		0.61
05985	SEEDING AND PROTECTION ⑤	SOYD	3775		3775
05992	AGRICULTURAL LIMESTONE ⑤	TON	3.7		3.7
06514	PAVE STRIPING-PERM PAINT-4 IN ⑦	LF	2080		2080
20191ED	OBJECT MARKER TY 3	EACH	4		4
23274EN1F	TURF REINFORCEMENT MAT TYPE 1	SOYD	128		128

PAVING SUMMARY

ITEM CODE	ITEM	UNIT	MAINLINE	ENTRANCES	TOTAL PROJECT
00003	CRUSHED STONE BASE ①	TON	525	75	600
00190	LEVELING & WEDGING PG64-22	TON	100	100	200
00100	ASPHALT SEAL AGGREGATE ③	TON	18.5	2.5	21
00103	ASPHALT SEAL COAT ②	TON	2.3	0.2	2.5
00212	CL 2 ASPH BASE 1.00D PG64-22	TON	370	30	400
00301	CL 2 ASPH SURF 0.38D PG64-22	TON	173	27	200
00301	ASPHALT PAVE MILLING & TEXTURING	TON	85		85
00356	ASPHALT MATERIAL FOR TACK	TON	1.73	0.27	2

NOTES

ALL ASPHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH, UNLESS NOTED OTHERWISE.

- ① ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH.
- ② 2.4 LB PER SQ. YD. FOR 2 APPLICATIONS
- ③ 20 LB PER SQ. YD. FOR 2 APPLICATIONS
- ④ APPROX. 0.20 ACRES. INCLUDES DISPOSAL OF EXISTING BRIDGE PER ENGINEER.

- ⑤ FOR EROSION CONTROL MEASURES
- ⑥ SEE BRIDGE REMOVAL NOTE SHEET R2B

- ⑦ 1040 LF OF 4" WHITE
1040 LF OF 4" YELLOW

- ⑧ FOR DUST CONTROL WHILE MAINTAINING TRAFFIC ONLY

PAVING AREAS

ITEM	MAINLINE	ENTRANCES	TOTAL PROJECT
4" DGA	1301	325	1626
2.5" CL 2 ASPH BASE 1.00D PG64-22 (1 COURSE)		325	325
9.25" CL 2 ASPH BASE 1.00D PG64-22 (3-3" COURSES)	1301		1301
1.5" CL 2 ASPH SURF 0.38D PG64-22	2067	325	2392
ASPHALT SEAL COAT			
ASPHALT SEAL AGGREGATE	924	123	1047
	924	123	1047

EARTHWORK QUANTITIES			
MAINLINE			
COM	1211 C. Y.		
EMB	1386 C. Y.		
EMB BENCH	398 C. Y.		
ENTRANCES			
COM	1 C. Y.		
EMB	21 C. Y.		
TOTALS			
COM	1212 C. Y.		
EMB	1407 C. Y.		
EMB BENCH	398 C. Y.		

DATUM

GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	MAINLINE	BENCHING	PROJECT TOTALS
01891	ISLAND HEADER CURB TYPE 2	LF	100		100
01982	DELINEATOR FOR GUARDRAIL WHITE	EACH	8		8
01984	DELINEATOR FOR BARRIER WHITE	EACH	4		4
02014	BARRICADE-TYPE III	EACH	4		4
02159	TEMPORARY DITCH	LF	260		260
02160	CLEAN TEMPORARY DITCH	LF	260		260
02200	ROADWAY EXCAVATION	CUYD	1212	398	1610
02242	WATER ⑧	MGAL	1		1
02351	GUARDRAIL STEEL W BEAM - SINGLE FACE	LF	450		450
02363	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A	EACH	4		4
02367	GUARDRAIL END TREATMENT TYPE 1	EACH	2		2
02369	GUARDRAIL END TREATMENT TYPE 2A	EACH	2		2
02381	REMOVE GUARDRAIL	LF	600		600
02382	GUARDRAIL CONNECT SHLD BRIDGE PIER TY A	LF	4		4
02429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	11		11
02432	WITNESS POST	EACH	11		11
02545	CLEARING AND GRUBBING ④	LS	1		1
02562	TEMPORARY SIGNS	SOFT	116		116
02568	MOBILIZATION	LS	1		1
02569	DEMOBILIZATION	LS	1		1
02585	EDGE KEY	LF	40		40
02650	MAINTAIN AND CONTROL TRAFFIC	LS	1		1
02676	MOBILIZATION FOR MILLING AND TEXTURING	LS	1		1
02677	ASPHALT PAVEMENT MILLING AND TEXTURING	TON	49		49
02701	TEMPORARY SILT FENCE ⑤	LF	260		260
02703	SILT TRAP TYPE 'A' ⑤	EACH	2		2
02704	SILT TRAP TYPE 'B' ⑤	EACH	2		2
02705	SILT TRAP TYPE 'C' ⑤	EACH	1		1
02706	CLEAN SILT TRAP TYPE 'A' ⑤	EACH	6		6
02707	CLEAN SILT TRAP TYPE 'B' ⑤	EACH	6		6
02708	CLEAN SILT TRAP TYPE 'C' ⑤	EACH	3		3
02726	STAKING	LS	1		1
02731	REMOVE STRUCTURE ⑥	LS	1		1
05950	EROSION CONTROL BLANKET ⑤	SOYD	270		270
05952	TEMPORARY MULCH ⑤	SOYD	3775		3775
05953	TEMP SEEDING AND PROTECTION ⑤	SOYD	3775		3775
05963	INITIAL FERTILIZER ⑤	TON	0.50		0.50
05964	MAINTENANCE FERTILIZER ⑤	TON	0.61		0.61
05985	SEEDING AND PROTECTION ⑤	SOYD	3775		3775
05992	AGRICULTURAL LIMESTONE ⑤	TON	3.7		3.7
06514	PAVE STRIPING-PERM PAINT-4 IN ⑦	LF	2080		2080
20191ED	OBJECT MARKER TY 3	EACH	4		4
23274ENIIF	TURF REINFORCEMENT MAT TYPE 1	SOYD	128		128

FILE NAME: c:\pwwork\CHRIS.CON\LETONT\0715926\FR0202A5J.DGN

DATE PLOTTED: September 18, 2019

DATE: chr1s.con\letont

E-SHEET NAME:

MicroStation v8.11.9.832

PAVING SUMMARY

ITEM CODE	ITEM	UNIT	MAINLINE	ENTRANCES	TOTAL PROJECT
00003	CRUSHED STONE BASE ①	TON	525	75	600
00190	LEVELING & WEDGING PG64-22	TON	100	100	200
00100	ASPHALT SEAL AGGREGATE ③	TON	18.5	2.5	21
00103	ASPHALT SEAL COAT ②	TON	2.3	0.2	2.5
00212	CL 2 ASPH BASE 1.00D PG64-22	TON	370	30	400
00301	CL 2 ASPH SURF 0.38D PG64-22	TON	173	27	200
00301	ASPHALT PAVE MILLING & TEXTURING	TON	85		85
00356	ASPHALT MATERIAL FOR TACK	TON	1.73	0.27	2

DELETE ITEM 02382 - GUARDRAIL
CONNECT-SHLD BRIDGE PIER TY A
FROM GENERAL SUMMARY

PAVING AREAS

ITEM	MAINLINE	ENTRANCES	TOTAL PROJECT
4" DGA	1301	325	1626
2.5" CL 2 ASPH BASE 1.00D PG64-22 (1 COURSE)		325	325
9.25" CL 2 ASPH BASE 1.00D PG64-22 (3-3" COURSES)	1301		1301
1.5" CL 2 ASPH SURF 0.38D PG64-22	2067	325	2392
ASPHALT SEAL COAT			
ASPHALT SEAL AGGREGATE	924	123	1047

EARTHWORK QUANTITIES			
MAINLINE			
COM	1211 C. Y.		
EMB	1386 C. Y.		
EMB BENCH	398 C. Y.		
ENTRANCES			
COM	1 C. Y.		
EMB	21 C. Y.		
TOTALS			
COM	1212 C. Y.		
EMB	1407 C. Y.		
EMB BENCH	398 C. Y.		

NOTES

ALL ASPHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH, UNLESS NOTED OTHERWISE.

- ① ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH.
- ② 2.4 LB PER SQ. YD. FOR 2 APPLICATIONS
- ③ 20 LB PER SQ. YD. FOR 2 APPLICATIONS
- ④ APPROX. 0.20 ACRES. INCLUDES DISPOSAL OF EXISTING BRIDGE PER ENGINEER.
- ⑤ FOR EROSION CONTROL MEASURES
- ⑥ SEE BRIDGE REMOVAL NOTE SHEET R2B
- ⑦ 1040 LF OF 4" WHITE
1040 LF OF 4" YELLOW
- ⑧ FOR DUST CONTROL WHILE MAINTAINING TRAFFIC ONLY