

Wisconsin Department of Transportation

April 26, 2017

Division of Transportation Systems Development

Bureau of Project Development
4802 Sheboygan Avenue, Rm 601
P O Box 7916
Madison, WI 53707-7916

Telephone: (608) 266-1631
Facsimile (FAX): (608) 266-8459

NOTICE TO ALL CONTRACTORS:

Proposal #17: 1590-16-71, WISC 2017 273
WCL – USH 141
WCL – CTH O
USH 8
Marinette County

Letting of May 9, 2017

This is Addendum No. 01, which provides for the following:

Schedule of Items:

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
204.0120	Removing Asphaltic Surface Milling	SY	0	273,460	273,460

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
204.0125	Removing Asphaltic Surface Milling	Ton	31,300	-31,300	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
75	Miscellaneous Quantities sheet with table updated to reflect the change from bid item 204.0125 to bid item 204.0120.

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
207A – 207Y	Incremental earthwork tables added to the plan.

Schedule of Items

Attached, dated April 26, 2017, are the revised Schedule of Items Pages 1 – 8.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 75.

Added: 207A – 207Y.

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

END OF ADDENDUM

Addendum No. 01
 ID 1590-16-71
 Revised Sheet 75
 April 26, 2017

REMOVING ASPHALTIC SURFACE MILLING

CATEGORY	STATION	TO	STATION	LOCATION	TON	REMARKS
204. 0120						
0010	353+29	-	380+30	USH 8	9, 005	
0010	380+30	-	395+98	USH 8	5, 225	
0010	395+98	-	425+70	USH 8	9, 905	
0010	425+70	-	432+56	USH 8	2, 285	
0010	432+56	-	471+93	USH 8	14, 940	
0010	471+93	-	503+83	USH 8	12, 050	
0010	503+83	-	536+18	USH 8	12, 220	
0010	536+18	-	562+18	USH 8	9, 820	
0010	562+18	-	563+18	USH 8	380	
0010	563+18	-	593+03	USH 8	10, 665	
0010	593+03	-	594+03	USH 8	380	
0010	594+03	-	601+03	USH 8	2, 645	
0010	601+03	-	630+36	USH 8	11, 080	
0010	630+36	-	642+20	USH 8	4, 475	
0010	643+41	-	673+17	USH 8	11, 245	
0010	673+17	-	702+11	USH 8	10, 935	
0010	702+11	-	768+83	USH 8	22, 240	
0010	768+83	-	800+19	USH 8	10, 455	
0010	800+19	-	881+82	USH 8	27, 210	
0010	881+82	-	962+82	USH 8	27, 000	
0010	963+32	-	982+33	USH 8	6, 335	
0010	982+46	-	1001+23	USH 8	6, 255	
0010	1001+23	-	1058+06	USH 8	19, 040	
0010	1058+06	-	1066+64	USH 8	2, 860	
0010	1066+64	-	1085+00	USH 8	6, 240	
0010	1085+00	-	1108+27	USH 8	7, 755	
0010	COUNTY LINE ROAD				395	
0010	SANDY LOOP ROAD				355	
0010	CAMP B LOOP ROAD				380	
0010	FRANKS ROAD				390	
0010	CTH H				410	
SUBTOTAL					264, 575	

REMOVING ASPHALTIC SURFACE MILLING CONT.

CATEGORY	STATION	TO	STATION	LOCATION	TON	REMARKS
204. 0120						
0010	ORCHARD DRIVE				330	
0010	PARTI DGE ROAD				215	
0010	TWIN LAKE ROAD				325	
0010	INDUSTRIAL DRIVE				250	
0010	SNOWSHOE DRIVE				425	
0010	CLARK LAKE ROAD				330	
0010	A AVENUE				365	
0010	MILL STREET				210	
0010	MAPLE AVENUE				125	
0010	BIRCH AVENUE				130	
0010	BEECH AVENUE				165	
0010	TEN ACRE ROAD				330	
0010	TOWER ROAD				385	
0010	SHRINE ROAD				340	
0010	PARKWAY ROAD (CTH I)				320	
0010	FOREST ROAD 613				280	
0010	FOREST ROAD 607				255	
0010	PIKE RIVER DR (WEST)				255	
0010	JACK PINE DRIVE				375	
0010	PIKE RIVER DR (EAST)				290	
0010	CTH U				360	
0010	AIRPORT ROAD				310	
0010	GASSETT ROAD				170	
0010	3RD STREET EAST				290	
0010	3RD STREET WEST				170	
0010	2ND STREET				185	
0010	1ST STREET				250	
0010	OLD COUNTY A ROAD				385	
0010	CTH O				500	
0010	DRI VEWAYS				565	
SUBTOTAL					8, 885	
TOTAL					273, 460	

Addendum No. 01
 ID 1590-16-71
 Added Sheet 207A
 April 26, 2017

USH 8 EARTHWORK DETAIL - SLOPE FLATTENING BOP - STA. 415+00

STATION	AREA (SF)		INCREMENTAL VOLUME (CY) UNADJUSTED		CUMULATIVE VOLUME (CY)		MASS ORDNATE
	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	FILL	CUT	
358+75	0.0	0.0	0.0	0.0	0.0	0	0
359+00	0.6	0.0	2.0	0.3	0.9	0	-1
359+25	0.6	0.0	6.3	0.6	3.8	1	-5
359+50	0.4	0.0	7.3	0.5	6.3	1	-12
359+75	0.0	0.0	8.5	0.2	7.3	2	-21
360+00	0.0	0.0	5.1	0.0	6.3	2	-28
360+15	0.0	0.0	0.0	0.0	1.4	31	-30
360+47	0.2	0.0	7.6	0.1	4.5	2	-35
360+50	0.1	0.0	8.2	0.0	0.8	2	-36
360+75	0.0	0.0	5.2	0.1	6.2	2	-43
361+00	0.0	0.0	4.3	0.0	4.4	2	-49
361+25	0.0	0.0	0.0	0.0	2.0	2	-51
368+75	0.0	0.0	0.0	0.3	0.0	2	-51
369+00	0.0	0.0	3.1	0.0	1.4	2	-53
369+25	0.0	0.0	9.1	0.0	5.7	2	-59
369+50	0.0	0.0	14.7	0.0	11.0	2	-73
369+75	0.0	0.0	24.2	0.0	18.0	2	-94
370+00	0.0	0.0	26.0	0.0	23.2	2	-122
370+25	0.0	0.0	23.8	0.0	23.0	2	-150
370+50	0.0	0.0	25.6	0.0	22.8	2	-177
370+75	0.0	0.0	15.4	0.0	19.0	2	-200
371+00	0.0	0.0	15.2	0.0	14.2	2	-217
371+25	0.0	0.0	13.8	0.0	13.4	2	-233
371+50	0.2	0.0	11.1	0.1	11.5	2	-247
371+75	0.3	0.0	8.9	0.2	9.2	2	-258
372+00	0.1	0.0	6.9	0.2	7.3	3	-266
372+25	2.0	0.0	0.0	1.0	3.2	4	-269
372+50	0.0	0.0	0.0	0.9	0.0	4	-268
375+00	0.0	0.0	0.0	0.0	0.0	4	-268
375+25	0.5	0.0	1.3	0.2	0.6	5	-269
375+50	2.4	0.0	0.1	1.3	0.7	6	-268
375+75	0.3	0.0	8.6	1.2	4.0	7	-272
376+00	0.3	0.0	6.9	0.3	7.2	8	-280
376+25	0.9	0.0	6.6	0.6	6.2	8	-287
376+50	1.4	0.0	2.3	1.1	4.1	9	-291
376+75	1.5	0.0	3.0	1.3	2.4	10	-292

Addendum No. 01
 ID 1590-16-71
 Added Sheet 207B
 April 26, 2017

USH 8 EARTHWORK DETAIL - SLOPE FLATTENING BOP - STA. 415+00 CONT.										
STATION	AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)		CUMULATIVE VOLUME (CY)		EXPANDED FILL	CUT	FILL	MASS ORDINATE
	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL				
377+00	0.9	0.0	1.4	1.1	0.0	2.0	12	305	-294	
377+25	1.7	0.0	4.4	1.2	0.0	2.7	13	309	-296	
377+50	1.4	0.0	5.3	1.4	0.0	4.5	14	314	-300	
377+75	1.3	0.0	7.0	1.3	0.0	5.7	15	321	-305	
378+00	1.2	0.0	11.3	1.2	0.0	8.5	17	331	-314	
378+25	0.7	0.0	10.1	0.9	0.0	9.9	17	343	-325	
378+50	0.6	0.0	6.4	0.6	0.0	7.6	18	352	-334	
378+75	0.3	0.0	5.5	0.4	0.0	5.5	19	359	-340	
379+00	0.3	0.0	2.3	0.2	0.0	3.6	19	363	-344	
379+25	0.1	0.0	0.0	0.1	0.0	1.1	19	364	-345	
379+50	0.0	0.0	0.0	0.0	0.0	0.0	19	364	-345	
379+75	0.0	0.0	21.3	0.0	0.0	9.9	19	376	-357	
380+00	0.1	0.0	22.9	0.0	0.0	20.5	19	401	-382	
380+25	0.4	0.0	31.3	0.2	0.0	25.1	19	431	-412	
380+50	0.1	0.0	32.2	0.2	0.0	29.4	19	466	-447	
380+75	0.0	0.0	34.7	0.0	0.0	31.0	19	503	-484	
381+00	0.0	0.0	29.2	0.0	0.0	29.6	19	539	-519	
381+25	0.0	0.0	18.9	0.0	0.0	22.2	19	566	-546	
381+50	0.1	0.0	21.8	0.1	0.0	18.8	19	588	-569	
381+75	0.3	0.0	7.3	0.2	0.0	13.4	20	604	-585	
382+00	1.0	0.0	0.0	0.6	0.0	3.4	20	608	-588	
382+25	0.0	0.0	0.0	0.5	0.0	0.0	21	608	-587	
384+75	0.0	0.0	0.0	0.0	0.0	0.0	21	608	-587	
385+00	0.0	0.0	0.0	3.9	0.0	0.0	25	608	-584	
385+25	8.4	0.0	0.0	8.1	0.0	0.0	33	608	-575	
385+50	9.2	0.0	0.0	9.2	0.0	0.0	42	608	-566	
385+75	10.8	0.0	0.0	5.0	0.0	0.0	47	608	-561	
398+50	0.0	0.0	0.0	0.0	0.0	0.0	47	608	-561	
398+75	0.0	0.0	5.1	0.0	0.0	2.3	47	611	-564	
399+00	0.0	0.0	4.1	0.0	0.0	4.2	47	616	-569	
399+25	0.0	0.0	10.4	0.0	0.0	6.7	47	624	-577	
399+50	0.0	0.0	14.9	0.1	0.0	11.7	47	638	-591	
399+75	0.2	0.0	13.4	0.2	0.0	13.1	47	654	-607	
400+00	0.2	0.0	14.0	0.1	0.0	12.7	47	669	-622	
400+25	0.0	0.0	2.7	0.0	0.0	7.7	47	679	-631	

Addendum No. 01
ID 1590-16-71
Added Sheet 207C
April 26, 2017

USH 8 EARTHWORK DETAIL - SLOPE FLATTENING BOP - STA. 415+00 CONT.

STATION	AREA (SF)			INCREMENTAL VOLUME (CY) (UNADJUSTED)			CUMULATIVE VOLUME (CY)			MASS ORDINATE
	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS	
400+50	0.0	0.0	4.6	0.0	0.0	3.4	47	683	-635	
400+75	0.0	0.0	6.1	2.6	0.0	4.9	50	689	-638	
401+00	5.6	0.0	10.4	4.2	0.0	7.6	54	698	-643	
401+25	3.5	0.0	10.8	3.0	0.0	9.8	57	709	-652	
401+50	2.9	0.0	12.4	2.0	0.0	10.7	59	722	-663	
401+75	1.3	0.0	3.6	0.8	0.0	7.4	60	731	-671	
402+00	0.4	0.0	4.8	0.3	0.0	3.9	60	736	-676	
402+25	0.2	0.0	18.8	0.2	0.0	10.9	60	749	-689	
402+50	0.1	0.0	21.7	0.2	0.0	18.8	61	772	-711	
402+75	0.3	0.0	17.2	0.3	0.0	18.0	61	793	-732	
403+00	0.3	0.0	21.7	0.2	0.0	18.0	61	815	-754	
403+25	0.0	0.0	21.9	0.0	0.0	20.2	61	839	-778	
403+50	0.0	0.0	19.7	0.0	0.0	19.3	61	862	-801	
403+75	0.0	0.0	17.3	0.0	0.0	17.1	61	883	-822	
404+00	0.0	0.0	1.0	0.0	0.0	8.5	61	893	-832	
406+75	0.0	0.0	0.0	0.0	0.0	5.1	61	899	-838	
407+00	0.0	0.0	2.9	0.0	0.0	1.4	61	900	-839	
407+25	0.0	0.0	2.5	0.0	0.0	2.5	61	903	-842	
407+50	0.0	0.0	3.7	0.0	0.0	2.9	61	907	-846	
407+75	0.0	0.0	3.1	0.0	0.0	3.1	61	911	-850	
408+00	0.0	0.0	4.4	0.0	0.0	3.5	61	915	-854	
408+25	0.0	0.0	4.9	0.0	0.0	4.3	61	920	-859	
408+50	0.0	0.0	4.2	0.0	0.0	4.2	61	925	-864	
408+75	0.0	0.0	4.8	0.0	0.0	4.2	61	930	-869	
409+00	0.0	0.0	3.3	0.0	0.0	3.7	61	935	-874	
409+25	0.0	0.0	21.8	0.0	0.0	11.6	61	949	-888	
409+50	0.0	0.0	6.3	0.2	0.0	13.0	61	964	-903	
409+75	0.3	0.0	10.0	0.2	0.0	7.5	61	973	-912	
410+00	0.2	0.0	0.2	0.3	0.0	4.7	62	979	-917	
410+25	0.5	0.0	0.0	0.3	0.0	0.1	62	979	-917	
413+25	0.0	0.0	0.0	0.1	0.0	0.0	62	979	-917	
413+50	0.0	0.0	4.0	0.0	0.0	1.8	62	981	-919	
413+75	0.0	0.0	5.0	0.0	0.0	4.2	62	986	-924	
414+00	0.0	0.0	7.7	0.0	0.0	5.9	62	993	-931	
414+25	0.0	0.0	6.8	0.0	0.0	6.7	62	1001	-939	
414+50	0.0	0.0	0.0	0.0	0.0	3.1	62	1006	-944	

Addendum No. 01
 ID 1590-16-71
 Added Sheet 207D
 April 26, 2017

USH 8 EARTHWORK DETAIL - SLOPE FLATTENING STA. 415+00 - STA. 500+00											
STATION	AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)		CUMULATIVE VOLUME (CY)		MASS ORDINATE				
	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL		CUT 1..00	EXPANDED FILL 1..20		
420+50	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	
420+75	3.5	0.0	0.0	1.6	0.0	0.0	2	0	0	2	
421+00	1.7	0.0	0.0	2.4	0.0	0.0	4	0	0	4	
421+25	0.8	0.0	0.0	1.2	0.0	0.0	5	0	0	5	
421+50	0.7	0.0	0.0	0.7	0.0	0.0	6	0	0	6	
421+75	0.6	0.0	0.0	0.6	0.0	0.0	7	0	0	6	
422+00	0.6	0.0	0.0	0.5	0.0	0.0	7	0	0	7	
422+25	1.1	0.0	0.0	0.8	0.0	0.0	8	0	0	8	
422+50	0.5	0.0	0.0	0.7	0.0	0.0	9	0	0	8	
422+75	0.2	0.0	1.6	0.3	0.7	0.7	9	1	1	8	
423+00	0.1	0.0	2.6	0.2	0.0	1.9	9	3	3	6	
423+25	0.3	0.0	1.1	0.2	0.0	1.7	9	5	5	4	
423+50	0.5	0.0	0.0	0.4	0.0	1.0	10	6	6	4	
423+75	0.7	0.0	1.2	0.6	0.0	0.6	10	7	7	4	
424+00	0.6	0.0	0.0	0.6	0.0	0.0	11	7	7	4	
424+25	0.5	0.0	0.0	0.5	0.0	0.0	11	7	7	4	
424+50	0.6	0.0	0.0	0.5	0.0	0.0	12	7	7	4	
424+75	0.1	0.0	1.5	0.3	0.0	0.7	12	8	8	4	
425+00	0.1	0.0	1.6	0.1	0.0	1.4	12	10	10	2	
425+25	0.1	0.0	1.4	1.4	0.0	1.1	12	11	11	1	
425+50	0.0	0.0	0.0	0.0	0.0	0.7	12	12	12	0	
430+00	0.0	0.0	0.0	0.0	0.0	0.0	12	12	12	0	
430+25	4.3	0.0	0.0	2.0	0.0	0.0	14	14	14	2	
430+50	1.8	0.0	0.1	2.8	0.0	0.0	17	12	12	5	
430+75	0.1	0.0	0.3	0.9	0.0	0.2	18	12	12	5	
431+00	0.3	0.0	2.2	0.2	0.0	1.1	18	14	14	4	
431+25	0.5	0.0	0.6	0.4	0.0	1.3	18	15	15	3	
431+50	0.0	0.0	4.0	0.2	0.0	2.1	19	18	18	1	
431+75	0.0	0.0	0.0	0.0	0.0	1.9	19	20	20	-1	
436+00	0.0	0.0	0.0	0.0	0.0	0.0	19	20	20	-1	
436+25	0.0	0.0	2.5	0.0	0.0	1.2	19	22	22	-3	
436+50	0.0	0.0	5.5	0.0	0.0	3.7	19	26	26	-7	
436+75	0.0	0.0	4.6	0.0	0.0	4.7	19	32	32	-13	
437+00	0.0	0.0	0.0	0.0	0.0	2.1	19	34	34	-15	
437+25	0.5	0.0	4.9	0.2	0.0	2.2	19	37	37	-18	
437+50	0.4	0.0	2.6	0.4	0.0	3.5	19	41	41	-22	
437+75	0.5	0.0	3.7	0.4	0.0	2.9	20	45	45	-25	
438+00	0.5	0.0	3.2	0.5	0.0	3.2	20	48	48	-28	
438+25	0.7	0.0	5.5	0.6	0.0	4.0	21	53	53	-32	
438+50	0.7	0.0	3.8	0.7	0.0	4.3	21	58	58	-37	
438+75	0.7	0.0	5.6	0.7	0.0	4.4	22	64	64	-41	
439+00	1.0	0.0	3.0	0.8	0.0	4.0	23	68	68	-45	
439+25	0.4	0.0	2.5	0.6	0.0	2.5	24	71	71	-48	
439+50	2.3	0.0	0.2	1.3	0.0	1.2	25	73	73	-48	
439+75	0.0	0.0	0.0	1.1	0.0	0.1	26	73	73	-47	
443+50	0.0	0.0	0.0	0.0	0.0	0.0	26	73	73	-47	
443+75	0.0	0.0	0.6	0.0	0.0	0.3	26	73	73	-47	
444+00	1.2	0.0	0.2	0.5	0.0	0.4	26	74	74	-47	
444+25	0.9	0.0	0.1	0.9	0.0	0.2	27	74	74	-47	
444+50	0.6	0.0	2.1	0.7	0.0	1.0	28	75	75	-47	

PROJECT NUMBER: 1590-16-71

HWY: USH 8

COUNTY: MARINETTE

EARTHWORK QUANTITIES

Addendum No. 01
 ID 1590-16-71
 Added Sheet 207E
 April 26, 2017

USH 8 EARTHWORK DETAIL - SLOPE FLATTENING STA. 415+00 - STA. 500+00 CONT.												
STATION	AREA (SF)		INCREMENTAL VOLUME (CY)		UNADJUSTED		CUMULATIVE VOLUME (CY)		MASS ORDI NATE			
	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL				
							1.00	1.20				
444+75	0.4	0.0	4.4	0.5	0.0	3.0	29	79	-50			
445+00	0.8	0.0	9.7	0.6	0.0	6.5	29	87	-57			
445+25	0.8	0.0	7.8	0.8	0.0	8.1	30	96	-66			
445+50	1.2	0.0	6.8	0.9	0.0	6.8	31	104	-74			
445+75	1.5	0.0	4.7	1.3	0.0	5.3	32	111	-79			
446+00	2.1	0.0	5.6	1.7	0.0	4.7	34	116	-83			
446+25	3.1	0.0	3.1	2.4	0.0	4.0	36	121	-85			
446+50	4.7	0.0	3.9	3.6	0.0	3.2	40	125	-85			
446+75	0.5	0.0	2.7	2.4	0.0	3.1	42	129	-87			
447+00	0.7	0.0	1.6	0.5	0.0	2.0	43	131	-88			
447+25	1.1	0.0	0.4	0.8	0.0	1.0	44	132	-89			
447+50	1.0	0.0	0.0	1.0	0.0	0.2	45	133	-88			
447+75	0.0	0.0	0.0	0.5	0.0	0.0	45	133	-88			
449+25	0.0	0.0	0.0	0.0	0.0	0.0	45	133	-88			
449+50	0.9	0.0	0.0	0.4	0.0	0.0	45	133	-87			
449+75	0.2	0.0	0.6	0.5	0.0	0.3	46	133	-87			
450+00	0.3	0.0	2.6	0.2	0.0	1.5	46	135	-89			
450+25	0.0	0.0	8.6	0.1	0.0	5.2	46	141	-95			
450+50	0.0	0.0	6.2	0.0	0.0	6.9	46	149	-103			
450+75	0.0	0.0	8.2	0.0	0.0	6.7	46	157	-111			
451+00	0.0	0.0	9.4	0.0	0.0	8.1	46	167	-121			
451+25	0.0	0.0	9.9	0.0	0.0	8.9	46	178	-131			
451+50	0.0	0.0	10.7	0.0	0.0	9.5	46	189	-143			
451+75	0.0	0.0	8.8	0.0	0.0	9.0	46	200	-154			
452+13	0.0	0.0	6.2	0.0	0.0	10.6	46	213	-166			
452+25	0.0	0.0	6.3	0.0	0.0	2.7	46	216	-170			
452+50	0.3	0.0	5.0	0.1	0.0	5.2	46	222	-176			
452+75	0.0	0.0	4.4	0.1	0.0	4.4	47	227	-181			
453+00	0.0	0.0	6.5	0.0	0.0	5.1	47	233	-187			
453+25	0.1	0.0	4.2	0.0	0.0	5.0	47	239	-193			
453+50	0.4	0.0	3.2	0.2	0.0	3.4	47	244	-197			
453+75	0.9	0.0	2.2	0.6	0.0	2.5	47	247	-199			
454+00	0.0	0.0	0.4	0.4	0.0	1.2	48	248	-200			
454+04	0.0	0.0	0.0	0.0	0.0	0.0	48	248	-200			
454+36	0.7	0.0	0.0	0.4	0.0	0.0	48	248	-200			
454+50	0.5	0.0	0.3	0.3	0.0	0.1	49	248	-200			
454+75	0.7	0.0	1.2	0.5	0.0	0.7	49	249	-200			
455+00	0.4	0.0	1.3	0.5	0.0	1.2	50	250	-201			
455+25	0.1	0.0	0.0	0.2	0.0	0.6	50	251	-201			
455+50	0.2	0.0	0.1	0.1	0.0	0.0	50	251	-201			
455+75	0.0	0.0	0.0	0.1	0.0	0.0	50	251	-201			
456+00	0.0	0.0	0.0	0.0	0.0	0.0	50	251	-201			
456+17	0.0	0.0	0.0	0.0	0.0	0.0	50	251	-201			
457+75	0.0	0.0	0.0	0.0	0.0	0.0	50	251	-201			
458+00	0.0	0.0	4.8	0.0	0.0	2.2	50	254	-204			
458+25	0.0	0.0	3.6	0.0	0.0	3.9	50	258	-209			
458+50	0.0	0.0	0.0	0.0	0.0	1.7	50	260	-211			
459+25	0.0	0.0	0.0	0.0	0.0	0.0	50	260	-211			
459+50	0.0	0.0	8.9	0.0	0.0	4.1	50	265	-216			
459+75	0.0	0.0	13.0	0.0	0.0	10.1	50	278	-228			

PROJECT NUMBER: 1590-16-71 HWY: USH 8 COUNTY: MARINETTE EARTHWORK QUANTITIES SHEET 207E

Addendum No. 01
 ID 1590-16-71
 Added Sheet 207F
 April 26, 2017

USH 8 EARTHWORK DETAIL - SLOPE FLATTENING STA. 415+00 - STA. 500+00 CONT.

STATION	AREA (SF)		INCREMENTAL VOLUME (CY)		CUMULATIVE VOLUME (CY)		MASS ORDI NATE
	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	FILL	CUT	
460+00	0.0	0.0	9.0	0.0	10.2	50	-240
460+25	0.0	0.0	9.1	0.0	8.4	50	-250
460+50	0.0	0.0	0.0	0.0	4.2	50	-255
461+75	0.0	0.0	0.0	0.0	0.0	50	-255
462+00	0.0	0.0	2.9	0.0	1.3	50	-257
462+25	0.0	0.0	4.8	0.0	3.6	50	-261
462+50	0.0	0.0	5.5	0.0	4.8	50	-267
462+75	0.0	0.0	5.0	0.0	4.9	50	-273
463+00	0.0	0.0	5.9	0.0	5.0	50	-279
463+25	0.0	0.0	5.5	0.0	5.3	50	-285
463+50	0.4	0.0	1.1	0.2	3.0	50	-288
463+75	0.0	0.0	0.0	0.2	0.5	50	-289
465+25	0.0	0.0	0.0	0.0	0.0	50	-289
465+50	0.9	0.0	6.2	0.4	2.9	51	-292
465+75	0.3	0.0	7.6	0.5	6.4	51	-299
466+00	0.7	0.0	0.6	0.4	3.8	52	-303
466+25	0.8	0.0	3.9	0.7	2.1	52	-305
466+50	1.3	0.0	3.2	1.0	3.3	53	-308
466+75	0.0	0.0	0.0	0.6	1.5	54	-309
467+00	0.3	0.0	3.3	0.2	3.5	54	-311
467+25	1.0	0.0	0.8	0.6	1.9	55	-312
467+50	0.0	0.0	0.0	0.5	0.4	55	-312
470+75	0.0	0.0	0.0	0.0	0.0	55	-312
471+00	3.1	0.0	0.0	1.4	0.0	57	-311
471+25	1.5	0.0	0.6	2.1	0.3	59	-309
471+50	1.5	0.0	0.6	1.4	0.5	60	-308
471+75	1.0	0.0	0.9	1.1	0.7	61	-308
472+00	1.1	0.0	0.8	1.0	0.8	62	-308
472+25	1.7	0.0	0.5	1.3	0.6	63	-307
472+50	2.3	0.0	0.3	1.9	0.3	65	-306
472+75	3.9	0.0	0.0	2.9	0.1	68	-303
473+00	4.6	0.0	0.0	3.9	0.0	72	-299
473+25	5.7	0.0	0.0	4.8	0.0	77	-294
473+50	6.1	0.0	0.0	5.4	0.0	82	-289
473+75	7.4	0.0	0.0	6.2	0.0	89	-283
474+00	6.7	0.0	0.0	6.5	0.0	95	-276
474+25	7.8	0.0	0.0	6.7	0.0	102	-270
474+50	6.4	0.0	0.0	6.6	0.0	108	-263
474+75	6.5	0.0	0.0	6.0	0.0	114	-257
474+99	6.8	0.0	0.0	6.0	0.0	120	-251
475+00	6.8	0.0	0.0	0.1	0.0	121	-251
475+25	6.5	0.0	0.0	6.2	0.0	127	-245
475+50	7.9	0.0	0.0	6.7	0.0	133	-238
475+75	0.0	0.0	0.0	3.6	0.0	137	-234
477+25	0.0	0.0	0.3	0.0	0.7	137	-235
477+50	0.0	0.0	3.6	0.0	1.8	137	-237
477+75	1.1	0.0	7.4	0.5	5.1	138	-243
478+00	1.1	0.0	10.2	1.0	8.1	139	-252
478+25	0.8	0.0	15.5	0.9	11.9	139	-265
478+50	0.2	0.0	20.2	0.5	16.5	140	-284

HWY: USH 8

COUNTY: MARINETTE

EARTHWORK QUANTITIES

SHEET 207F

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Addendum No. 01
 ID 1590-16-71
 Added Sheet 207G
 April 26, 2017

USH 8 EARTHWORK DETAIL - SLOPE FLATTENING STA. 415+00 - STA. 500+00 CONT.

STATION	AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)		CUMULATIVE VOLUME (CY)		MASS ORDI NATE		
	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL		CUT	EXPANDED FILL
								1.00	1.20
478+75	0.9	0.0	19.7	0.5	0.0	18.4	140	446	-306
479+00	2.7	0.0	14.3	1.7	0.0	15.7	142	465	-323
479+25	0.0	0.0	9.2	1.2	0.0	10.9	143	478	-335
479+50	0.0	0.0	3.6	0.0	0.0	5.9	143	485	-342
482+00	0.0	0.0	0.0	0.0	0.0	16.6	143	505	-362
482+20	0.0	0.0	0.0	0.0	0.0	14.3	143	505	-362
482+25	2.9	0.0	0.0	0.3	0.0	0.0	144	505	-362
482+50	0.9	0.0	0.7	1.8	0.0	0.3	145	506	-360
482+71	0.9	0.0	1.2	0.7	0.0	0.8	146	507	-361
482+75	1.0	0.0	1.3	0.1	0.0	0.2	146	507	-361
483+00	0.7	0.0	2.5	0.8	0.0	1.7	147	509	-362
483+23	1.2	0.0	2.4	0.8	0.0	2.1	148	511	-364
483+25	1.1	0.0	3.9	0.1	0.0	0.3	148	512	-364
483+50	0.3	0.0	3.3	0.6	0.0	3.3	148	516	-367
483+75	2.5	0.0	1.1	1.3	0.0	2.0	150	518	-368
483+78	2.9	0.0	0.6	0.3	0.0	0.1	150	518	-368
484+21	0.0	0.0	0.0	2.3	0.0	0.5	152	519	-366
484+25	3.9	0.0	0.0	0.3	0.0	0.0	153	519	-366
484+50	0.5	0.0	2.5	2.0	0.0	1.1	155	520	-365
484+75	0.3	0.0	5.0	0.4	0.0	3.4	155	524	-369
485+00	0.1	0.0	4.5	0.2	0.0	4.4	155	530	-374
485+25	0.7	0.0	4.2	0.4	0.0	4.0	156	534	-379
485+50	0.8	0.0	5.3	0.7	0.0	4.4	156	540	-383
485+75	0.1	0.0	4.9	0.4	0.0	4.7	157	545	-389
486+00	2.6	0.0	2.6	1.3	0.0	3.5	158	549	-391
486+25	1.0	0.0	4.2	1.7	0.0	3.2	160	553	-394
486+50	1.3	0.0	3.7	1.1	0.0	3.7	161	558	-397
486+75	1.3	0.0	4.4	1.2	0.0	3.7	162	562	-400
487+00	0.5	0.0	6.9	0.8	0.0	5.2	163	568	-406
487+25	0.7	0.0	8.3	0.5	0.0	7.0	163	577	-413
487+50	0.8	0.0	6.8	0.7	0.0	7.0	164	585	-421
487+75	0.7	0.0	7.7	0.7	0.0	6.7	165	593	-428
488+00	1.0	0.0	10.0	0.8	0.0	8.2	166	603	-437
488+25	0.8	0.0	10.5	0.8	0.0	9.5	166	614	-448
488+50	0.5	0.0	13.4	0.6	0.0	11.1	167	628	-461
488+75	0.0	0.0	18.2	0.2	0.0	14.6	167	645	-478
489+00	0.2	0.0	20.6	0.1	0.0	17.9	167	667	-500
489+25	0.2	0.0	16.6	0.2	0.0	17.2	167	687	-520
489+50	0.0	0.0	8.3	0.1	0.0	11.5	168	701	-534
489+75	0.7	0.0	5.8	0.3	0.0	6.5	168	709	-541
490+00	0.3	0.0	3.0	0.4	0.0	4.1	168	714	-546
490+25	0.3	0.0	4.3	0.3	0.0	3.4	169	718	-550
490+50	0.3	0.0	2.8	0.3	0.0	3.3	169	722	-553
490+75	0.0	0.0	0.0	0.1	0.0	1.3	169	724	-555
492+75	0.0	0.0	0.0	0.0	0.0	0.0	169	724	-555
493+00	0.6	0.0	2.5	0.3	0.0	1.1	169	725	-556
493+25	0.3	0.0	7.4	0.4	0.0	4.6	170	730	-561
493+50	0.1	0.0	8.9	0.2	0.0	7.6	170	740	-570
493+75	0.1	0.0	9.4	0.1	0.0	8.5	170	750	-580
494+00	0.2	0.0	6.8	0.2	0.0	7.5	170	759	-589

HWY: USH 8

COUNTY: MARINETTE

EARTHWORK QUANTITIES

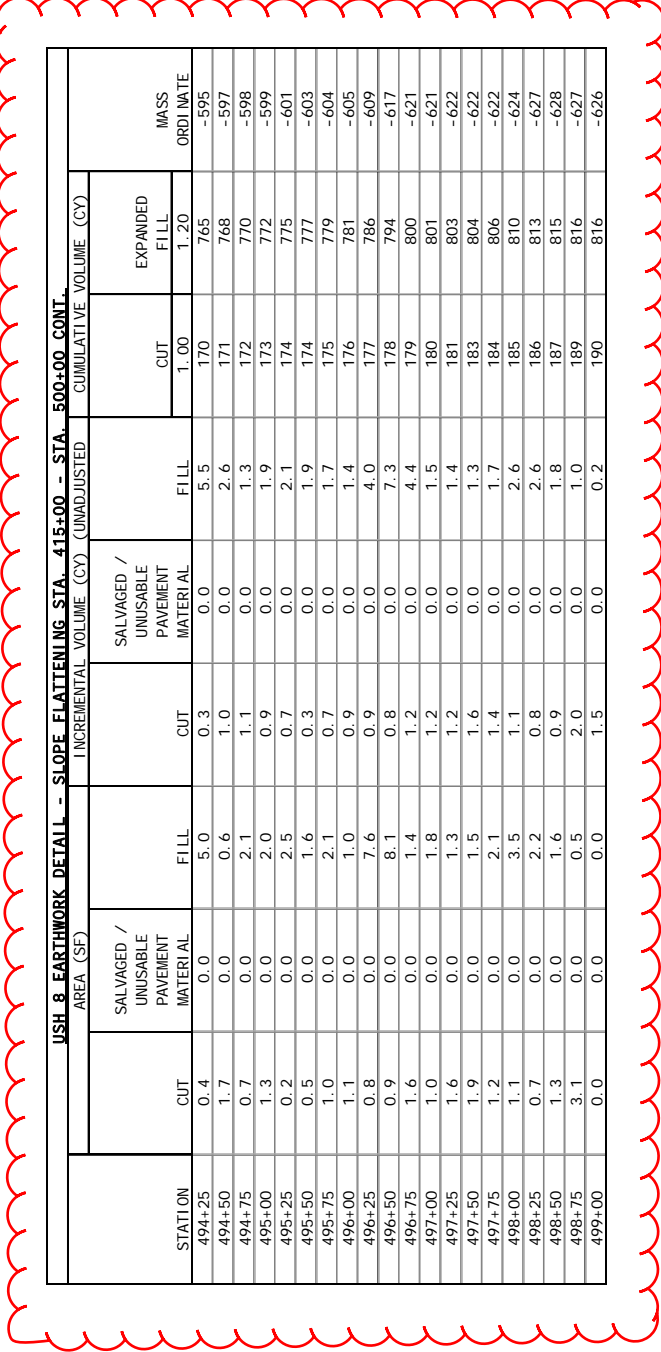
SHEET 207G

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Addendum No. 01
 ID 1590-16-71
 Added Sheet 207H
 April 26, 2017

USH 8 EARTHWORK DETAIL - SLOPE FLATTENING STA. 415+00 - STA. 500+00 CONT.

STATION	AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)		CUMULATIVE VOLUME (CY)		MASS ORDINATE
	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	FILL	CUT	
494+25	0.4	0.0	5.0	0.3	5.5	1.00	-595
494+50	1.7	0.0	0.6	1.0	2.6	171	-597
494+75	0.7	0.0	2.1	1.1	1.3	172	-598
495+00	1.3	0.0	2.0	0.9	1.9	173	-599
495+25	0.2	0.0	2.5	0.7	2.1	174	-601
495+50	0.5	0.0	1.6	0.3	1.9	174	-603
495+75	1.0	0.0	2.1	0.7	1.7	175	-604
496+00	1.1	0.0	1.0	0.9	1.4	176	-605
496+25	0.8	0.0	7.6	0.9	4.0	177	-609
496+50	0.9	0.0	8.1	0.8	7.3	178	-617
496+75	1.6	0.0	1.4	1.2	4.4	179	-621
497+00	1.0	0.0	1.8	1.2	1.5	180	-621
497+25	1.6	0.0	1.3	1.2	1.4	181	-622
497+50	1.9	0.0	1.5	1.6	1.3	183	-622
497+75	1.2	0.0	2.1	1.4	1.7	184	-622
498+00	1.1	0.0	3.5	1.1	2.6	185	-624
498+25	0.7	0.0	2.2	0.8	2.6	186	-627
498+50	1.3	0.0	1.6	0.9	1.8	187	-628
498+75	3.1	0.0	0.5	2.0	1.0	189	-627
499+00	0.0	0.0	0.0	1.5	0.2	190	-626



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 ID 1590-16-71
 Added Sheet 2071
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STATION	AREA (SF)		INCREMENTAL VOLUME (CY)		CUMULATIVE VOLUME (CY)		MASS ORDINATE		
	CUT	/ UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL		EXPANDED FILL	
								1.00	1.20
502+65	0.0	0.0	0.0	0.0	0.0	0.0	0	0	
502+75	2.8	0.0	0.0	0.5	0.0	0.0	0	0	
503+00	1.8	0.0	0.0	2.1	0.0	0.0	3	0	
503+25	0.8	0.0	2.2	1.2	1.0	1.0	4	1	
503+50	0.3	0.0	1.1	0.5	1.5	1.5	4	3	
503+69	0.0	0.0	0.0	0.1	0.0	0.0	4	3	
504+11	0.7	0.0	0.4	0.5	0.3	0.3	5	4	
504+25	0.3	0.0	6.3	0.3	1.8	1.8	5	6	
504+50	9.3	0.0	5.8	4.4	5.6	5.6	10	13	
504+75	9.0	0.0	5.4	8.5	5.1	19	18	19	
505+00	9.1	0.0	3.7	8.4	4.2	24	27	24	
505+25	8.5	0.0	3.6	8.1	3.4	28	35	28	
505+50	5.3	0.0	6.9	6.3	4.9	34	41	34	
505+75	1.9	0.0	9.4	3.3	7.5	44	44	43	
505+82	14.0	0.0	0.2	2.2	1.3	47	47	44	
506+14	0.0	0.0	0.0	8.2	0.1	55	55	44	
506+25	0.2	0.0	3.8	0.0	0.8	55	55	45	
506+50	4.1	0.0	4.9	2.0	4.0	57	57	50	
506+75	2.1	0.0	8.4	2.9	6.1	60	60	58	
507+00	3.2	0.0	0.0	2.5	3.9	62	62	62	
545+38	0.0	0.0	0.0	0.0	0.0	62	62	62	
545+50	0.4	0.0	0.8	0.1	0.2	62	62	62	
545+75	1.0	0.0	1.2	0.7	1.0	63	63	64	
546+00	0.4	0.0	3.5	0.7	2.2	64	64	66	
546+25	0.1	0.0	2.6	0.2	2.8	64	64	70	
546+50	0.0	0.0	0.0	0.0	1.2	64	64	71	
549+50	0.0	0.0	0.0	0.0	0.0	64	64	71	
549+75	0.5	0.0	0.5	0.2	0.2	64	64	71	
550+00	0.4	0.0	2.8	0.4	1.6	64	64	73	
550+25	0.3	0.0	9.4	0.3	5.6	65	65	80	
550+50	0.1	0.0	10.4	0.2	9.1	65	65	91	
550+75	0.0	0.0	10.6	0.1	9.7	65	65	103	
551+00	0.1	0.0	7.9	0.0	8.6	65	65	113	
551+25	0.0	0.0	7.0	0.0	6.9	65	65	121	
551+50	0.0	0.0	4.8	0.0	5.5	65	65	128	
551+75	0.0	0.0	0.0	0.0	2.2	65	65	130	
552+50	0.0	0.0	0.0	0.0	0.0	65	65	130	
552+75	3.2	0.0	0.0	1.5	0.0	67	67	130	
553+00	1.3	0.0	0.0	2.1	0.0	69	69	130	
553+25	4.0	0.0	0.0	2.4	0.0	71	71	130	
553+50	0.0	0.0	0.0	1.8	0.0	73	73	130	
556+73	0.3	0.0	2.5	1.9	15.0	75	75	148	
556+75	0.5	0.0	2.6	0.2	0.2	75	75	149	
557+00	0.3	0.0	5.2	0.3	3.6	75	75	153	
557+25	0.0	0.0	11.3	0.1	7.6	75	75	162	
557+50	0.0	0.0	10.3	0.0	10.0	75	75	174	
557+75	0.0	0.0	11.0	0.0	9.9	75	75	186	
558+00	0.0	0.0	8.5	0.0	9.0	75	75	197	
558+25	0.3	0.0	5.4	0.1	6.4	75	75	204	

HWY: USH 8

COUNTY: MARINETTE

EARTHWORK QUANTITIES

SHEET 2071

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Addendum No. 01
ID 1590-16-71
Added Sheet 207J
April 26, 2017

USH 8 EARTHWORK DETAIL - SLOPE FLATTENING STA. 500+00 - STA. 700+00 CONT.

STATION	AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)		CUMULATIVE VOLUME (CY)		MASS ORDI NATE
	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	FILL	CUT	
558+50	0.0	0.0	6.4	0.1	5.5	76	-136
558+75	0.0	0.0	4.4	0.0	5.0	76	-142
559+00	0.0	0.0	6.6	0.0	5.1	76	-148
559+25	0.0	0.0	5.7	0.0	5.7	76	-155
559+50	0.0	0.0	7.2	0.0	6.0	76	-162
559+75	0.0	0.0	6.2	0.0	6.2	76	-169
560+00	0.1	0.0	4.4	0.0	4.9	76	-175
560+25	0.1	0.0	1.3	0.1	2.6	76	-178
560+50	0.0	0.0	0.0	0.1	0.6	76	-179
649+50	0.0	0.0	0.0	0.0	0.0	76	-179
649+75	0.8	0.0	0.4	0.4	0.2	76	-179
650+00	0.5	0.0	3.5	0.6	1.8	77	-180
650+25	0.5	0.0	2.4	0.5	2.7	77	-183
650+50	0.5	0.0	2.8	0.5	2.4	78	-185
650+75	0.0	0.0	4.7	0.2	3.5	78	-189
651+00	0.1	0.0	2.5	0.0	3.3	78	-193
651+25	0.2	0.0	1.0	0.1	1.6	78	-195
651+50	0.6	0.0	0.0	0.3	0.5	78	-195
651+75	0.3	0.0	1.8	0.4	0.9	79	-196
652+00	0.0	0.0	0.0	0.1	0.8	79	-197
667+75	0.0	0.0	0.0	0.0	0.0	79	-197
668+00	1.2	0.0	1.3	0.5	0.6	79	-197
668+25	0.6	0.0	4.2	0.8	2.5	80	-199
668+50	0.5	0.0	3.1	0.5	3.4	81	-203
668+75	1.2	0.0	1.4	0.8	2.1	81	-205
669+00	0.0	0.0	0.0	0.6	0.6	82	-205
677+25	0.0	0.0	0.0	0.0	0.0	82	-205
677+50	0.5	0.0	5.3	0.2	2.4	82	-207
677+75	0.2	0.0	16.6	0.3	10.1	83	-219
678+00	0.2	0.0	24.4	0.2	19.0	83	-242
678+25	0.1	0.0	21.1	0.2	21.1	83	-267
678+50	0.1	0.0	19.1	0.1	18.6	83	-289
678+75	0.3	0.0	17.3	0.2	16.8	83	-309
679+00	0.4	0.0	21.1	0.3	17.8	84	-330
679+25	0.6	0.0	9.2	0.5	14.1	84	-347
679+50	0.7	0.0	0.8	0.6	4.6	85	-352
679+75	0.5	0.0	0.0	0.5	0.4	85	-351
680+00	0.2	0.0	0.0	0.3	0.0	85	-351
680+25	0.2	0.0	0.0	0.2	0.0	86	-351
680+50	0.1	0.0	1.4	0.2	0.6	86	-352
680+75	0.1	0.0	1.4	0.1	1.3	86	-353
681+00	0.1	0.0	1.6	0.1	1.4	86	-355
681+25	0.0	0.0	2.9	0.0	2.1	86	-357
681+50	0.0	0.0	4.3	0.0	3.3	86	-361
681+75	0.0	0.0	2.2	0.0	3.0	86	-365
681+87	0.0	0.0	0.0	0.0	0.5	86	-365
690+50	0.2	0.0	1.2	3.0	19.7	89	-386
690+75	0.4	0.0	0.7	0.3	0.9	89	-387
691+00	0.8	0.0	0.5	0.6	0.5	90	-387
691+25	1.0	0.0	2.1	0.8	1.2	91	-387

AWA: USH 8

COUNTY: MARINETTE

EARTHWORK QUANTITIES

Addendum No. 01
 ID 1590-16-71
 Added Sheet 207K
 April 26, 2017

USH 8 EARTHWORK DETAIL - SLOPE FLATTENING STA. 500+00 - STA. 700+00 CONT.

STATION	AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)				CUMULATIVE VOLUME (CY)		MASS ORDINATE
	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	
							1.00	1.20	
691+50	0.7	0.0	6.3	0.8	0.0	3.9	91	483	-391
691+75	0.5	0.0	4.6	0.6	0.0	5.0	92	489	-397
692+00	1.0	0.0	0.6	0.7	0.0	2.4	93	491	-399
692+25	0.8	0.0	0.8	0.8	0.0	0.7	94	492	-399
692+50	0.4	0.0	1.1	0.9	0.0	0.9	94	493	-399
692+75	0.3	0.0	1.4	0.3	0.0	1.1	94	495	-400
693+00	0.4	0.0	2.0	0.3	0.0	1.5	95	497	-402
693+25	1.0	0.0	1.3	0.6	0.0	1.5	95	498	-403
693+50	0.6	0.0	2.1	0.7	0.0	1.6	96	500	-404
693+75	0.5	0.0	2.3	0.5	0.0	2.0	97	503	-406
694+00	0.2	0.0	0.6	0.4	0.0	1.3	97	504	-407
694+25	1.9	0.0	0.6	1.0	0.0	0.5	98	505	-407
694+60	0.0	0.0	0.0	1.3	0.0	0.4	99	505	-406
694+75	0.0	0.0	0.0	0.0	0.0	0.0	99	505	-406
695+00	0.3	0.0	1.3	0.2	0.0	0.6	99	506	-407
695+25	0.2	0.0	2.5	0.3	0.0	1.8	100	508	-409
695+50	0.2	0.0	1.2	0.2	0.0	1.7	100	510	-411
695+75	0.1	0.0	1.0	0.1	0.0	1.1	100	512	-412
696+00	0.1	0.0	1.5	0.1	0.0	1.2	100	513	-413
696+25	0.4	0.0	0.4	0.2	0.0	0.9	100	514	-414
696+50	0.0	0.0	3.1	0.2	0.0	1.6	100	516	-416
696+75	0.0	0.0	4.2	0.0	0.0	3.4	100	520	-420
697+00	0.0	0.0	7.3	0.0	0.0	5.4	100	527	-426
697+25	0.0	0.0	7.2	0.0	0.0	6.7	100	535	-434
697+50	0.0	0.0	5.1	0.0	0.0	5.7	100	542	-441
697+75	0.1	0.0	1.6	0.0	0.0	3.1	100	545	-445
697+90	0.0	0.0	0.0	0.0	0.0	0.4	100	546	-445
698+00	0.0	0.0	0.0	0.0	0.0	0.0	100	546	-445
698+18	0.0	0.0	6.5	0.0	0.0	2.2	100	548	-448
698+25	0.1	0.0	8.2	0.0	0.0	1.8	100	551	-450
698+50	0.0	0.0	13.8	0.1	0.0	10.2	100	563	-462
698+75	0.0	0.0	8.0	0.0	0.0	10.1	100	575	-474
699+00	0.0	0.0	2.6	0.0	0.0	4.9	100	581	-480
699+25	0.0	0.0	1.0	0.0	0.0	1.6	100	583	-482
699+50	30.6	0.0	0.2	14.2	0.0	0.5	115	583	-469

Addendum No. 01
 ID 1590-16-71
 Added Sheet 207L
 April 26, 2017

USH 8 EARTHWORK DETAIL - SLOPE FLATTENING STA. 700+00 - STA. 830+00

STATION	AREA (SF)		INCREMENTAL VOLUME (CY)		CUMULATIVE VOLUME (CY)		MASS ORDINATE
	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	FILL	CUT	
704+50	0.0	0.0	0.0	0.0	0.0	0	0
704+75	0.0	0.0	5.0	0.0	2.3	0	-3
705+00	0.0	0.0	7.0	0.0	5.5	0	-9
705+25	0.0	0.0	5.4	0.0	5.7	0	-16
705+50	0.0	0.0	0.0	0.0	2.5	0	-19
705+75	0.0	0.0	0.0	0.0	0.0	0	-19
706+25	0.0	0.0	0.0	0.0	0.0	0	-19
706+50	0.0	0.0	4.0	0.0	1.9	0	-22
706+75	0.0	0.0	3.6	0.0	3.5	0	-26
707+00	0.0	0.0	0.0	0.0	1.7	0	-28
707+25	0.0	0.0	0.0	0.0	0.0	0	-28
708+25	0.0	0.0	0.0	0.0	0.0	0	-28
708+50	0.0	0.0	4.3	0.0	2.0	0	-30
708+75	0.0	0.0	4.9	0.0	4.3	0	-35
709+00	0.0	0.0	5.9	0.0	5.0	0	-41
709+25	0.0	0.0	5.2	0.0	5.2	0	-47
709+50	0.0	0.0	6.3	0.0	5.3	0	-54
709+75	0.0	0.0	6.0	0.0	5.7	0	-61
710+00	0.0	0.0	0.0	0.0	2.8	0	-64
710+25	0.0	0.0	0.0	0.0	0.0	0	-64
711+00	0.0	0.0	5.9	0.0	8.1	0	-74
711+25	0.0	0.0	5.8	0.0	5.4	0	-80
711+50	0.0	0.0	9.0	0.0	6.9	0	-89
711+75	0.0	0.0	8.6	0.0	8.1	0	-98
712+00	0.0	0.0	9.2	0.0	8.2	0	-108
712+25	0.0	0.0	9.3	0.0	8.6	0	-118
712+50	0.0	0.0	8.3	0.0	8.1	0	-128
712+75	0.0	0.0	7.7	0.0	7.4	0	-137
713+00	0.0	0.0	10.1	0.0	8.2	0	-147
713+25	0.0	0.0	10.2	0.0	9.4	0	-158
713+50	0.0	0.0	9.4	0.0	9.1	0	-169
713+75	0.0	0.0	8.2	0.0	8.1	0	-179
714+00	0.0	0.0	7.8	0.0	7.4	0	-188
714+25	0.0	0.0	10.3	0.0	8.4	0	-198
714+50	0.0	0.0	5.4	0.0	7.2	0	-206
714+75	0.0	0.0	4.0	0.0	4.3	0	-212
715+00	0.0	0.0	3.7	0.0	3.6	0	-216
715+25	0.0	0.0	5.0	0.0	4.0	0	-221
715+50	0.0	0.0	6.3	0.0	5.2	0	-227
715+75	0.0	0.0	4.8	0.0	4.1	0	-233
716+00	0.0	0.0	4.1	0.0	4.1	0	-238
716+25	0.0	0.0	3.1	0.0	3.3	0	-242
716+50	0.1	0.0	1.9	0.0	2.3	0	-245
716+75	0.2	0.0	1.3	0.1	1.5	0	-246
717+00	0.0	0.0	4.7	0.1	2.8	0	-250
717+25	0.0	0.0	7.1	0.0	5.5	0	-256
717+50	0.0	0.0	11.8	0.0	8.7	0	-267
717+75	0.0	0.0	16.8	0.0	13.2	0	-283
718+00	0.0	0.0	17.5	0.0	15.9	0	-302
718+25	0.0	0.0	16.0	0.0	15.5	0	-320
718+50	0.0	0.0	10.0	0.0	12.1	0	-335
718+75	0.0	0.0	0.6	0.0	4.9	0	-341

PROJECT NUMBER: 1590-16-71 HWY: USH 8 COUNTY: MARINETTE EARTHWORK QUANTITIES SHEET 207L

Addendum No. 01
ID 1590-16-71
Added Sheet 207M
April 26, 2017

US 8 EARTHWORK DETAIL - SLOPE FLATTENING STA. 700+00 - STA. 830+00 CONT.

STATION	AREA (SF)		INCREMENTAL VOLUME (CY) UNADJUSTED		CUMULATIVE VOLUME (CY)		MASS ORDINATE		
	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL		CUT	EXPANDED FILL
								1.20	1.00
719+00	0.0	0.0	0.0	0.0	0.0	0.3	0	341	0
720+75	0.0	0.0	0.0	0.0	0.0	0.0	0	341	0
721+00	0.0	0.0	6.9	0.0	0.0	3.2	0	345	0
721+25	0.0	0.0	7.2	0.0	0.0	6.5	0	353	0
721+50	0.0	0.0	3.1	0.0	0.0	4.8	0	359	0
721+75	0.0	0.0	0.0	0.0	0.0	1.4	0	360	0
731+00	0.0	0.0	0.0	0.0	0.0	0.0	0	360	0
731+25	0.0	0.0	3.3	0.0	0.0	1.5	0	362	0
731+50	0.0	0.0	12.7	0.0	0.0	7.4	0	371	0
731+75	0.0	0.0	24.5	0.0	0.0	17.2	0	392	0
732+00	0.0	0.0	28.2	0.0	0.0	24.4	0	421	0
732+25	0.0	0.0	26.1	0.0	0.0	25.1	0	451	0
732+50	0.0	0.0	22.4	0.0	0.0	22.4	0	478	0
732+75	0.0	0.0	24.0	0.0	0.0	21.5	0	504	0
733+00	0.0	0.0	21.8	0.0	0.0	21.2	0	529	0
733+25	0.0	0.0	14.6	0.0	0.0	16.9	0	549	0
733+50	0.0	0.0	16.1	0.0	0.0	14.2	0	567	0
733+75	0.0	0.0	0.0	0.0	0.0	7.5	0	575	0
741+50	0.0	0.0	0.0	0.0	0.0	0.0	0	575	0
741+75	0.0	0.0	1.5	0.0	0.0	0.7	0	576	0
742+00	0.0	0.0	4.2	0.0	0.0	2.6	0	579	0
742+25	0.0	0.0	13.8	0.0	0.0	8.3	0	589	0
742+50	0.0	0.0	29.8	0.0	0.0	20.2	0	614	0
742+75	0.0	0.0	23.0	0.0	0.0	24.4	0	643	0
743+00	0.0	0.0	13.2	0.0	0.0	16.8	0	663	0
743+25	0.0	0.0	7.7	0.0	0.0	9.7	0	675	0
743+50	0.0	0.0	7.6	0.0	0.0	7.1	0	683	0
743+75	0.0	0.0	5.8	0.0	0.0	6.2	0	691	0
744+00	0.0	0.0	0.0	0.0	0.0	2.7	0	694	0
748+25	0.0	0.0	0.5	0.0	0.0	3.9	0	699	0
748+50	0.0	0.0	8.3	0.0	0.0	4.1	0	703	0
748+75	0.0	0.0	19.8	0.0	0.0	13.0	0	719	0
749+00	0.0	0.0	37.4	0.0	0.0	26.5	0	751	0
749+25	0.0	0.0	33.1	0.0	0.0	32.6	0	790	0
749+50	0.0	0.0	16.2	0.0	0.0	22.8	0	817	0
749+75	0.0	0.0	0.0	0.0	0.0	7.5	0	826	0
784+25	0.0	0.0	0.0	0.0	0.0	0.0	0	826	0
784+50	0.0	0.0	5.2	0.0	0.0	2.4	0	829	0
784+75	0.0	0.0	9.3	0.0	0.0	6.7	0	837	0
785+00	0.0	0.0	13.2	0.0	0.0	10.4	0	850	0
785+25	0.0	0.0	13.2	0.0	0.0	12.2	0	864	0
785+50	0.0	0.0	9.6	0.0	0.0	10.6	0	877	0
785+75	0.0	0.0	6.5	0.0	0.0	7.5	0	886	0
786+00	0.0	0.0	5.7	0.0	0.0	5.6	0	893	0
786+25	0.0	0.0	12.8	0.0	0.0	8.5	0	903	0
786+50	0.0	0.0	15.3	0.0	0.0	13.0	0	919	0
786+75	0.0	0.0	19.7	0.0	0.0	16.2	0	938	0
787+00	0.0	0.0	15.5	0.0	0.0	16.3	0	958	0
787+25	0.0	0.0	12.7	0.0	0.0	13.0	0	973	0
787+50	0.0	0.0	15.6	0.0	0.0	13.1	0	989	0
787+75	0.0	0.0	23.0	0.0	0.0	17.9	0	1011	0
788+00	0.0	0.0	18.7	0.0	0.0	19.3	0	1034	0

COUNTY: MARINETTE EARTHWORK QUANTITIES

HWY: USH 8

PROJECT NUMBER: 1590-16-71

Addendum No. 01
 ID 1590-16-71
 Added Sheet 207N
 April 26, 2017

US 8 EARTHWORK DETAIL - SLOPE FLATTENING STA. 700+00 - STA. 830+00 CONT.

STATION	AREA (SF)		INCREMENTAL VOLUME (CY) UNADJUSTED		CUMULATIVE VOLUME (CY)		MASS ORDINATE		
	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL		CUT	EXPANDED FILL
788+25	0.0	0.0	0.0	0.0	0.0	8.7	0	1.20	1044
792+25	0.0	0.0	0.0	0.0	0.0	0.0	0	1044	-1044
792+50	0.0	0.0	1.5	0.0	0.7	0.0	0	1045	-1045
792+75	0.0	0.0	2.6	0.0	0.0	1.9	0	1047	-1047
793+00	0.0	0.0	4.1	0.0	0.0	3.1	0	1051	-1051
793+25	0.0	0.0	3.6	0.0	0.0	3.6	0	1055	-1055
793+50	0.0	0.0	0.0	0.0	0.0	1.7	0	1057	-1057
795+75	0.0	0.0	0.0	0.0	0.0	0.0	0	1057	-1057
796+00	0.0	0.0	3.6	0.0	0.0	1.7	0	1059	-1059
796+25	0.0	0.0	4.5	0.0	0.0	3.7	0	1064	-1064
796+50	0.0	0.0	5.1	0.0	0.0	4.4	0	1069	-1069
796+75	0.0	0.0	7.2	0.0	0.0	5.7	0	1076	-1076
797+00	0.0	0.0	4.5	0.0	0.0	5.4	0	1082	-1082
797+25	0.0	0.0	6.6	0.0	0.0	5.1	0	1088	-1088
797+50	0.0	0.0	5.1	0.0	0.0	5.4	0	1095	-1095
797+75	0.0	0.0	3.8	0.0	0.0	4.2	0	1100	-1100
798+00	0.0	0.0	7.8	0.0	0.0	5.4	0	1106	-1106
798+25	0.0	0.0	7.2	0.0	0.0	6.9	0	1115	-1115
798+50	0.0	0.0	4.6	0.0	0.0	5.5	0	1121	-1121
798+75	0.0	0.0	0.0	0.0	0.0	2.1	0	1124	-1124
801+25	0.0	0.0	0.0	0.0	0.0	0.0	0	1124	-1124
801+50	0.2	0.0	3.0	0.1	0.0	1.4	0	1126	-1125
801+75	0.0	0.0	3.9	0.1	0.0	3.2	0	1129	-1129
802+00	0.0	0.0	3.7	0.0	0.0	3.5	0	1134	-1133
802+25	0.0	0.0	5.2	0.0	0.0	4.1	0	1139	-1138
802+50	3.4	0.0	2.6	1.6	0.0	3.6	2	1143	-1141
802+75	6.6	0.0	2.5	4.6	0.0	2.4	7	1146	-1139
803+00	9.3	0.0	2.4	7.3	0.0	2.3	14	1148	-1135
803+25	7.4	0.0	2.2	7.7	0.0	2.1	22	1151	-1129
803+50	0.0	0.0	12.7	3.4	0.0	6.9	25	1159	-1134
803+75	3.6	0.0	18.4	1.7	0.0	14.4	27	1177	-1150
804+00	0.8	0.0	21.3	2.0	0.0	18.4	29	1199	-1170
804+25	0.0	0.0	31.5	0.4	0.0	24.4	29	1228	-1199
804+50	0.4	0.0	29.8	0.2	0.0	28.3	29	1262	-1233
804+75	6.9	0.0	22.1	3.4	0.0	24.0	33	1291	-1258
805+00	3.6	0.0	5.8	4.8	0.0	12.9	37	1306	-1269
805+25	8.1	0.0	8.0	5.4	0.0	6.4	43	1314	-1271
805+50	0.0	0.0	6.9	3.7	0.0	6.9	47	1322	-1275
805+75	0.0	0.0	2.4	0.0	0.0	4.3	47	1327	-1281
806+00	0.0	0.0	5.0	0.0	0.0	5.7	47	1331	-1285
806+25	0.0	0.0	7.4	0.0	0.0	6.8	47	1338	-1291
806+50	0.0	0.0	7.3	0.0	0.0	6.6	47	1346	-1300
806+75	0.0	0.0	7.1	0.0	0.0	6.6	47	1354	-1308
807+00	0.0	0.0	8.1	0.0	0.0	7.0	47	1363	-1316
807+25	0.0	0.0	7.7	0.0	0.0	7.3	47	1371	-1325
807+50	0.0	0.0	6.3	0.0	0.0	6.5	47	1379	-1333
807+75	0.0	0.0	7.1	0.0	0.0	6.2	47	1387	-1340
808+00	0.0	0.0	8.2	0.0	0.0	7.1	47	1395	-1348
808+25	0.0	0.0	7.6	0.0	0.0	7.3	47	1404	-1357
808+50	0.0	0.0	5.8	0.0	0.0	6.2	47	1411	-1365
808+75	0.0	0.0	5.2	0.0	0.0	5.1	47	1417	-1371
809+00	0.0	0.0	11.5	0.0	0.0	7.7	47	1427	-1380

PROJECT NUMBER: 1590-16-71

WVA US 8

COUNTY: MARINETTE

LEARNWORK QUANTITIES

SHEET 207N

E

Addendum No. 01
ID 1590-16-71
Added Sheet 2070
April 26, 2017

USH 8 EARTHWORK DETAIL - SLOPE FLATTENING STA. 700+00 - STA. 830+00 CONT.

STATION	AREA (SF)		INCREMENTAL VOLUME (CY)		CUMULATIVE VOLUME (CY)		EXPANDED FILL	CUT	MASS ORDINATE
	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT			
809+25	0.0	0.0	10.3	0.0	10.1	0.0	1439	47	-1392
809+50	0.0	0.0	13.3	0.0	10.9	0.0	1452	47	-1405
809+75	0.0	0.0	17.9	0.0	14.4	0.0	1469	47	-1423
810+00	0.0	0.0	18.3	0.0	16.7	0.0	1489	47	-1443
810+25	0.0	0.0	17.9	0.0	16.8	0.0	1509	47	-1463
810+50	0.1	0.0	16.8	0.0	16.1	0.0	1529	47	-1482
810+75	0.0	0.0	14.8	0.0	14.6	0.0	1546	47	-1500
811+00	0.0	0.0	12.3	0.0	12.5	0.0	1561	47	-1515
811+25	0.0	0.0	5.7	0.0	8.3	0.0	1571	47	-1525
811+50	9.7	0.0	8.0	4.5	6.4	5.1	1579	51	-1528
811+75	0.0	0.0	7.9	4.5	7.4	5.6	1588	56	-1532
812+00	0.0	0.0	8.8	0.0	7.7	5.6	1597	56	-1541
812+25	0.0	0.0	4.7	0.0	6.2	5.6	1604	56	-1549
812+50	0.0	0.0	7.3	0.0	5.5	5.6	1611	56	-1555
812+75	0.0	0.0	7.5	0.0	6.8	5.6	1619	56	-1564
813+00	2.5	0.0	8.2	1.1	7.3	5.7	1628	57	-1571
813+25	0.0	0.0	8.5	1.1	7.7	5.8	1637	58	-1579
813+50	0.0	0.0	8.7	0.0	7.9	5.8	1647	58	-1589
813+75	0.0	0.0	15.5	0.0	11.2	5.8	1660	58	-1602
814+00	0.0	0.0	17.6	0.0	15.3	5.8	1679	58	-1621
814+25	0.0	0.0	17.1	0.0	16.0	5.8	1698	58	-1640
814+50	0.0	0.0	15.9	0.0	15.3	5.8	1716	58	-1658
814+75	0.0	0.0	17.2	0.0	15.3	5.8	1735	58	-1677
815+00	0.0	0.0	16.4	0.0	15.6	5.8	1753	58	-1695
815+25	0.0	0.0	12.8	0.0	13.5	5.8	1769	58	-1712
815+50	0.0	0.0	6.5	0.0	8.9	5.8	1780	58	-1722
815+75	0.0	0.0	4.3	0.0	5.0	5.8	1786	58	-1728
816+00	0.0	0.0	0.0	0.0	2.0	5.8	1789	58	-1731
817+50	0.0	0.0	0.0	0.0	0.0	5.8	1789	58	-1731
817+75	0.0	0.0	2.9	0.0	1.3	5.8	1790	58	-1732
818+00	0.0	0.0	5.1	0.0	3.7	5.8	1795	58	-1737
818+25	0.0	0.0	5.2	0.0	4.8	5.8	1800	58	-1742
818+50	0.0	0.0	4.4	0.0	4.5	5.8	1806	58	-1748
818+75	0.0	0.0	6.1	0.0	4.8	5.8	1812	58	-1754
819+00	0.0	0.0	8.0	0.0	6.5	5.8	1819	58	-1761
819+25	0.0	0.0	5.9	0.0	6.4	5.8	1827	58	-1769
819+50	0.0	0.0	0.0	0.0	2.7	5.8	1830	58	-1772
824+00	0.0	0.0	0.0	0.0	0.0	5.8	1830	58	-1772
824+25	0.0	0.0	4.9	0.0	2.3	5.8	1833	58	-1775
824+50	0.0	0.0	4.7	0.0	4.4	5.8	1838	58	-1780
824+75	1.7	0.0	3.3	0.8	3.7	5.8	1843	59	-1784
825+00	0.0	0.0	6.0	0.8	4.3	6.0	1848	60	-1788
825+25	0.0	0.0	7.1	0.0	6.0	6.0	1855	60	-1796
825+50	0.0	0.0	0.8	0.0	3.6	6.0	1859	60	-1800
826+50	0.0	0.0	0.8	0.0	2.8	6.0	1863	60	-1803
826+75	0.0	0.0	5.7	0.0	3.0	6.0	1866	60	-1807
827+00	0.0	0.0	3.2	0.0	4.1	6.0	1871	60	-1812
827+25	0.0	0.0	0.0	0.0	1.5	6.0	1873	60	-1814
829+50	0.0	0.0	0.0	0.0	0.0	6.0	1873	60	-1814
829+75	0.0	0.0	3.4	0.0	1.6	6.0	1875	60	-1815
830+00	0.0	0.0	5.2	0.0	3.9	6.0	1880	60	-1820
830+25	0.0	0.0	2.7	0.0	3.7	6.0	1884	60	-1825
830+50	0.0	0.0	0.0	0.0	1.3	6.0	1886	60	-1826

USH 8 COUNTY: MARINETE EARTHWORK QUANTITIES

Addendum No. 01
ID 1590-16-71
Added Sheet 207P
April 26, 2017

IISH & EARTHWORK DETAIL - SLOPE FLATTENING STA. 830+00 - EOP

STATION	AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)		CUMULATIVE VOLUME (CY)		MASS ORDINATE
	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	
848+23	0.0	0.0	0.0	0.0	0.0	0.0	0
848+50	0.0	0.0	9.0	0.0	4.5	0	5
848+75	0.0	0.0	9.5	0.0	8.5	0	16
849+00	0.0	0.0	10.9	0.0	9.4	0	27
849+25	0.0	0.0	7.9	0.0	8.7	0	37
849+50	0.0	0.0	7.0	0.0	6.9	0	46
849+75	0.0	0.0	5.7	0.0	5.9	0	53
850+00	0.0	0.0	4.9	0.0	4.9	0	59
850+25	0.0	0.0	5.5	0.0	4.8	0	64
850+50	0.0	0.0	5.8	0.0	5.2	0	71
850+75	0.0	0.0	6.3	0.0	5.6	0	77
851+00	0.0	0.0	8.5	0.0	6.8	0	86
851+25	0.0	0.0	12.3	0.0	9.6	0	97
851+50	0.0	0.0	15.1	0.0	12.7	0	112
851+75	0.0	0.0	16.5	0.0	14.6	0	130
852+00	0.0	0.0	17.2	0.0	15.6	0	148
852+25	0.0	0.0	10.6	0.0	12.9	0	164
852+50	0.0	0.0	10.3	0.0	9.7	0	175
852+75	0.0	0.0	9.7	0.0	9.2	0	187
853+00	0.0	0.0	15.1	0.0	11.5	0	200
853+25	0.0	0.0	16.2	0.0	14.5	0	218
853+50	0.0	0.0	20.5	0.0	17.0	0	238
853+75	0.0	0.0	13.5	0.0	15.7	0	257
854+00	0.0	0.0	15.9	0.0	13.6	0	273
854+25	0.1	0.0	12.6	0.1	13.2	0	289
854+50	0.3	0.0	8.2	0.2	9.6	0	301
854+75	0.1	0.0	6.3	0.1	6.7	0	309
855+00	0.0	0.0	10.1	0.0	7.6	0	318
855+25	0.0	0.0	11.1	0.0	9.8	0	330
855+75	0.4	0.0	4.5	0.3	14.4	1	347
856+00	0.0	0.0	0.0	0.2	2.1	1	349
858+25	0.0	0.0	0.3	0.0	1.3	1	351
858+50	0.0	0.0	6.3	0.0	3.1	1	355
858+75	0.0	0.0	7.6	0.0	6.4	1	362
859+00	0.0	0.0	8.7	0.0	7.6	1	371
859+25	0.0	0.0	13.8	0.0	10.4	1	384
859+50	0.0	0.0	11.3	0.0	11.6	1	398
859+75	0.0	0.0	12.0	0.0	10.8	1	410
860+00	0.0	0.0	11.1	0.0	10.7	1	424
860+25	0.0	0.0	9.9	0.0	9.7	1	435
860+50	0.0	0.0	11.8	0.0	10.0	1	444
860+75	0.0	0.0	11.6	0.0	10.8	1	460
861+00	0.0	0.0	5.5	0.0	7.9	1	469
861+25	0.0	0.0	4.1	0.0	4.5	1	474
861+50	0.0	0.0	0.0	0.0	1.9	1	477
862+00	0.0	0.0	0.0	0.0	0.0	1	477
862+25	0.0	0.0	4.0	0.0	1.9	1	480
862+50	0.0	0.0	11.5	0.0	7.2	1	488
862+75	0.0	0.0	11.1	0.0	10.5	1	501
863+00	0.0	0.0	18.0	0.0	13.5	1	517

Addendum No. 01
 ID 1590-16-71
 Added Sheet 207Q
 April 26, 2017

USH 8 EARTHWORK DETAIL - SLOPE FLATTENING STA. 830+00 - EOP CONT.										
STATION	AREA (SF)			INCREMENTAL VOLUME (CY) (UNADJUSTED)			CUMULATIVE VOLUME (CY)			
	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE	
863+25	0.0	0.0	10.5	0.0	0.0	13.2	1	533	-532	
863+50	0.0	0.0	17.1	0.0	0.0	12.8	1	548	-547	
863+75	0.0	0.0	19.7	0.0	0.0	17.0	1	569	-568	
864+00	0.0	0.0	28.1	0.0	0.0	22.1	1	595	-594	
864+25	0.0	0.0	12.0	0.0	0.0	18.6	1	617	-616	
864+50	0.0	0.0	11.0	0.0	0.0	10.7	1	630	-629	
864+75	0.0	0.0	13.6	0.0	0.0	11.4	1	644	-643	
865+00	0.0	0.0	13.8	0.0	0.0	12.7	1	659	-658	
865+25	0.0	0.0	15.9	0.0	0.0	13.7	1	676	-675	
865+50	0.0	0.0	14.5	0.0	0.0	14.1	1	692	-691	
865+75	0.0	0.0	12.2	0.0	0.0	12.3	1	707	-706	
866+00	0.0	0.0	8.5	0.0	0.0	9.6	1	719	-718	
866+25	0.3	0.0	15.2	0.1	0.0	11.0	1	732	-731	
866+50	0.2	0.0	43.5	0.2	0.0	27.2	1	764	-763	
866+75	0.1	0.0	56.0	0.1	0.0	46.1	1	820	-818	
867+00	0.0	0.0	74.9	0.0	0.0	60.6	1	892	-891	
867+25	0.0	0.0	84.4	0.0	0.0	73.7	1	981	-979	
867+50	0.0	0.0	68.0	0.0	0.0	70.5	1	1066	-1064	
867+75	0.0	0.0	60.5	0.0	0.0	59.5	1	1137	-1135	
868+00	0.0	0.0	38.3	0.0	0.0	45.7	1	1192	-1190	
868+25	0.0	0.0	19.9	0.0	0.0	26.9	1	1224	-1223	
868+50	0.0	0.0	9.7	0.0	0.0	13.7	1	1241	-1239	
868+75	0.0	0.0	2.5	0.0	0.0	5.7	1	1247	-1246	
869+00	0.0	0.0	0.0	0.0	0.0	1.2	1	1249	-1247	
876+00	0.0	0.0	0.5	0.0	0.0	6.5	1	1257	-1255	
876+25	0.0	0.0	15.7	0.0	0.0	7.5	1	1266	-1264	
876+50	0.0	0.0	20.0	0.0	0.0	16.6	1	1285	-1284	
876+75	0.0	0.0	28.2	0.0	0.0	22.3	1	1312	-1311	
877+00	0.0	0.0	42.3	0.0	0.0	32.7	1	1351	-1350	
877+25	0.0	0.0	51.3	0.0	0.0	43.3	1	1403	-1402	
877+50	0.0	0.0	58.6	0.0	0.0	50.9	1	1464	-1463	
877+75	0.0	0.0	67.8	0.0	0.0	58.5	1	1535	-1533	
878+00	0.0	0.0	87.7	0.0	0.0	72.0	1	1621	-1620	
878+25	0.0	0.0	88.9	0.0	0.0	81.8	1	1719	-1718	
878+50	0.0	0.0	64.9	0.0	0.0	71.2	1	1805	-1803	
878+75	0.0	0.0	36.5	0.0	0.0	46.9	1	1861	-1859	
879+00	0.0	0.0	22.8	0.0	0.0	27.5	1	1894	-1892	
879+25	0.0	0.0	12.0	0.0	0.0	16.1	1	1913	-1912	
879+50	0.0	0.0	13.0	0.0	0.0	11.6	1	1927	-1926	
879+75	0.0	0.0	11.2	0.0	0.0	11.2	1	1941	-1939	
880+00	0.0	0.0	4.3	0.0	0.0	7.2	1	1949	-1948	
880+25	0.0	0.0	3.6	0.0	0.0	3.6	1	1954	-1952	
880+50	0.0	0.0	4.0	0.0	0.0	3.5	1	1958	-1956	
880+75	0.0	0.0	8.4	0.0	0.0	5.7	1	1965	-1963	
881+00	0.5	0.0	6.9	0.2	0.0	7.1	2	1973	-1971	
881+25	0.0	0.0	4.6	0.2	0.0	5.3	2	1980	-1978	
881+50	0.0	0.0	4.7	0.0	0.0	4.3	2	1985	-1983	
881+75	0.0	0.0	4.3	0.0	0.0	4.1	2	1990	-1988	
882+00	0.0	0.0	3.0	0.0	0.0	3.4	2	1994	-1992	

HWY: USH 8

COUNTY: MARINETTE

EARTHWORK QUANTITIES

SHEET 207Q

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PROJECT NUMBER: 1590-16-71

Addendum No. 01
ID 1590-16-71
Added Sheet 207R
April 26, 2017

ISH 8 EARTHWORK DETAIL - SLOPE FLATTENING STA. 830+00 - EOP CONT.											
STATION	AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)		CUMULATIVE VOLUME (CY)		MASS ORDINATE				
	CUT	SALVAGED / PAVEMENT MATERIAL	FILL	CUT	SALVAGED / PAVEMENT MATERIAL	FILL		CUT	EXPANDED FILL		
882+25	0.0	0.0	2.7	0.0	0.0	2.6	2	1997	-1995		
882+50	0.0	0.0	2.9	0.0	0.0	2.6	2	2000	-1998		
882+75	0.0	0.0	2.9	0.0	0.0	2.7	2	2003	-2001		
883+00	0.0	0.0	2.4	0.0	0.0	2.5	2	2006	-2004		
883+25	0.0	0.0	0.0	0.0	0.0	1.1	2	2007	-2006		
883+50	0.0	0.0	0.0	0.0	0.0	0.0	2	2007	-2006		
883+75	0.0	0.0	3.8	0.0	0.0	1.8	2	2010	-2008		
884+00	0.0	0.0	6.6	0.0	0.0	4.8	2	2015	-2013		
884+25	0.0	0.0	7.8	0.0	0.0	6.7	2	2023	-2021		
884+50	0.0	0.0	7.9	0.0	0.0	7.3	2	2032	-2030		
884+75	0.0	0.0	8.0	0.0	0.0	7.3	2	2041	-2039		
885+00	0.0	0.0	5.4	0.0	0.0	6.2	2	2048	-2046		
885+25	0.0	0.0	8.0	0.0	0.0	6.2	2	2056	-2054		
885+50	0.0	0.0	9.8	0.0	0.0	8.3	2	2066	-2064		
885+75	0.0	0.0	21.6	0.0	0.0	14.6	2	2083	-2081		
886+00	0.0	0.0	19.5	0.0	0.0	19.0	2	2106	-2104		
886+25	0.0	0.0	22.4	0.0	0.0	19.4	2	2129	-2127		
886+50	0.1	0.0	24.6	0.0	0.0	21.8	2	2155	-2153		
886+75	0.0	0.0	23.3	0.0	0.0	22.2	2	2182	-2180		
887+00	0.0	0.0	24.7	0.0	0.0	22.2	2	2209	-2207		
887+25	0.0	0.0	28.5	0.0	0.0	24.6	2	2238	-2236		
887+50	0.0	0.0	30.5	0.0	0.0	27.3	2	2271	-2269		
887+75	0.0	0.0	28.1	0.0	0.0	27.1	2	2304	-2302		
888+00	0.1	0.0	28.7	0.0	0.0	26.3	2	2335	-2333		
888+25	0.0	0.0	26.0	0.0	0.0	25.3	2	2365	-2363		
888+50	0.0	0.0	35.1	0.0	0.0	28.3	2	2399	-2397		
888+75	0.0	0.0	31.2	0.0	0.0	30.7	2	2436	-2434		
889+00	0.0	0.0	27.6	0.0	0.0	27.2	2	2469	-2467		
889+25	0.0	0.0	26.4	0.0	0.0	25.0	2	2499	-2497		
889+50	0.1	0.0	31.2	0.0	0.0	26.7	2	2531	-2529		
889+75	0.0	0.0	33.2	0.0	0.0	29.8	2	2567	-2565		
890+00	0.1	0.0	27.3	0.1	0.0	28.0	2	2600	-2598		
890+25	0.0	0.0	27.5	0.1	0.0	25.4	2	2631	-2628		
890+50	0.0	0.0	25.9	0.0	0.0	24.7	2	2660	-2658		
890+75	0.0	0.0	27.1	0.0	0.0	24.5	2	2690	-2687		
891+00	0.0	0.0	27.1	0.0	0.0	25.1	2	2720	-2718		
891+25	0.0	0.0	20.9	0.0	0.0	22.2	2	2744	-2744		
891+50	0.0	0.0	20.5	0.0	0.0	19.1	2	2770	-2767		
891+75	0.0	0.0	16.7	0.0	0.0	17.2	2	2790	-2788		
892+00	0.0	0.0	16.4	0.0	0.0	15.3	2	2809	-2806		
892+25	0.0	0.0	24.5	0.0	0.0	19.0	2	2831	-2829		
892+50	0.0	0.0	23.8	0.0	0.0	22.4	2	2858	-2856		
892+75	0.0	0.0	21.6	0.0	0.0	21.0	2	2883	-2881		
893+00	0.1	0.0	23.4	0.0	0.0	20.8	2	2908	-2906		
893+25	0.0	0.0	22.9	0.0	0.0	21.4	2	2934	-2932		
893+50	1.5	0.0	13.5	0.7	0.0	16.9	3	2954	-2951		
893+75	21.2	0.0	29.9	10.5	0.0	20.1	14	2978	-2965		
894+00	0.1	0.0	28.7	9.9	0.0	27.1	24	3011	-2988		
894+25	0.0	0.0	37.8	0.0	0.0	30.8	24	3048	-3024		
894+50	0.0	0.0	33.6	0.0	0.0	33.0	24	3088	-3064		

Addendum No. 01
 ID 1590-16-71
 Added Sheet 207S
 April 26, 2017

ISH 8 EARTHWORK DETAIL - SLOPE FLATTENING STA. 830+00 - EOP CONT.											
STATION	AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)		CUMULATIVE VOLUME (CY)		MASS ORDI NATE				
	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL		CUT	EXPANDED FILL		
								1.00	1.20		
894+75	0.0	0.0	35.0	0.0	0.0	31.7	24	3126		-3102	
895+00	0.0	0.0	28.5	0.0	0.0	29.4	24	3161		-3137	
895+25	0.0	0.0	27.3	0.0	0.0	25.8	24	3192		-3168	
895+50	0.0	0.0	37.6	0.0	0.0	30.1	24	3228		-3204	
895+75	0.0	0.0	33.1	0.0	0.0	32.7	24	3267		-3244	
896+00	0.0	0.0	21.6	0.0	0.0	25.3	24	3298		-3274	
896+25	0.0	0.0	21.5	0.0	0.0	20.0	24	3322		-3298	
896+50	0.0	0.0	38.8	0.0	0.0	27.9	24	3355		-3332	
896+75	0.0	0.0	29.7	0.0	0.0	31.7	24	3393		-3370	
897+00	0.0	0.0	15.6	0.0	0.0	20.9	24	3418		-3395	
897+25	0.0	0.0	6.1	0.0	0.0	10.1	24	3430		-3407	
897+50	0.0	0.0	9.0	0.0	0.0	7.0	24	3439		-3415	
897+75	0.0	0.0	8.8	0.0	0.0	8.2	24	3449		-3425	
898+00	0.0	0.0	12.2	0.0	0.0	9.7	24	3460		-3437	
898+25	0.0	0.0	14.2	0.0	0.0	12.2	24	3475		-3451	
898+50	0.0	0.0	16.1	0.0	0.0	14.0	24	3492		-3468	
898+75	0.0	0.0	16.5	0.0	0.0	15.1	24	3510		-3486	
899+00	0.0	0.0	18.1	0.0	0.0	16.0	24	3529		-3506	
899+25	0.0	0.0	17.1	0.0	0.0	16.3	24	3549		-3525	
899+50	0.0	0.0	18.9	0.0	0.0	16.7	24	3569		-3545	
899+75	0.0	0.0	20.0	0.0	0.0	18.0	24	3590		-3567	
900+00	0.0	0.0	27.8	0.0	0.0	22.1	24	3617		-3593	
900+25	0.0	0.0	37.4	0.0	0.0	30.2	24	3653		-3629	
900+50	0.0	0.0	37.8	0.0	0.0	34.8	24	3695		-3671	
900+75	0.0	0.0	40.2	0.0	0.0	36.1	24	3738		-3714	
901+00	0.0	0.0	81.5	0.0	0.0	56.4	24	3806		-3782	
901+25	0.0	0.0	27.5	0.0	0.0	50.5	24	3866		-3843	
901+50	0.0	0.0	29.1	0.0	0.0	26.2	24	3898		-3874	
901+75	0.0	0.0	37.7	0.0	0.0	30.9	24	3935		-3911	
902+00	0.0	0.0	44.3	0.0	0.0	38.0	24	3980		-3957	
902+25	0.0	0.0	30.7	0.0	0.0	34.7	24	4022		-3998	
902+50	0.0	0.0	27.5	0.0	0.0	26.9	24	4054		-4031	
902+75	0.0	0.0	25.9	0.0	0.0	24.7	24	4084		-4060	
903+00	0.0	0.0	14.6	0.0	0.0	18.8	24	4107		-4083	
903+25	0.1	0.0	7.6	0.1	0.0	10.3	24	4119		-4095	
903+50	0.4	0.0	3.5	0.2	0.0	5.1	24	4125		-4101	
903+75	0.0	0.0	0.0	0.2	0.0	1.6	24	4127		-4103	
1085+25	0.0	0.0	0.0	0.0	0.0	0.0	24	4127		-4103	
1085+50	0.4	0.0	3.1	0.2	0.0	1.4	24	4129		-4104	
1085+75	0.0	0.0	5.7	0.2	0.0	4.1	24	4134		-4109	
1086+00	0.0	0.0	7.1	0.0	0.0	5.9	24	4141		-4116	
1086+25	0.0	0.0	6.8	0.0	0.0	6.4	24	4148		-4124	
1086+50	0.0	0.0	8.4	0.0	0.0	7.0	24	4157		-4132	
1086+75	0.0	0.0	14.6	0.0	0.0	10.6	24	4170		-4145	
1087+00	0.0	0.0	13.5	0.0	0.0	13.0	24	4185		-4161	
1087+25	0.0	0.0	8.4	0.0	0.0	10.1	24	4197		-4173	
1087+50	0.0	0.0	0.0	0.0	0.0	3.9	24	4202		-4178	
1087+75	0.0	0.0	0.0	0.0	0.0	0.0	24	4202		-4178	
1088+00	1.1	0.0	14.0	0.5	0.0	6.5	25	4210		-4185	
1088+25	0.0	0.0	0.0	0.5	0.0	6.5	25	4218		-4192	

COUNTY: WASHINGTON

HWY: USH 8

PROJECT NUMBER: 1590-16-71

EARTHWORK QUANTITIES

Addendum No. 01
ID 1590-16-71
Added Sheet 207T
April 26, 2017

USH 8 EARTHWORK DETAIL - GUARDRAIL STA. 679+72 - STA. 690+47

STATION	AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)		CUMULATIVE VOLUME (CY)		MASS ORDNATE
	CUT	FILL	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	
67972	RT	0.0	0.0	0.0	0.0	0	0
68000	RT	0.0	0.0	0.0	0.0	0	0
68050	RT	0.0	0.0	0.0	0.0	0	0
68100	RT	0.0	3.4	0.0	3.1	4	-4
68106	RT	0.0	2.6	0.0	0.7	5	-5
68131	RT	0.0	5.5	0.0	3.8	9	-9
68150	RT	0.0	4.4	0.0	3.5	13	-13
68156	RT	0.0	4.5	0.0	1.0	14	-14
68200	LT	0.0	0.0	0.0	0.0	14	-14
68250	LT	0.0	2.8	0.0	2.6	18	-18
68300	LT	0.0	2.6	0.0	5.0	24	-24
68325	LT	0.0	18.3	0.0	9.7	35	-35
68350	LT	0.0	53.5	0.0	33.2	75	-75
68375	LT	0.0	62.3	0.0	53.6	139	-139
68400	LT	0.0	0.0	0.0	28.8	174	-174
68645	RT	0.0	0.0	0.0	0.0	174	-174
68670	RT	0.0	17.1	0.0	7.9	183	-183
68695	RT	0.0	20.6	0.0	17.5	204	-204
68700	RT	0.0	17.6	0.0	3.5	209	-209
68720	RT	0.0	5.7	0.0	8.6	219	-219
68750	RT	0.0	3.6	0.0	5.2	225	-225
68800	RT	0.0	2.0	0.0	5.2	231	-231
68838	LT	0.0	0.0	0.0	0.0	231	-231
68863	LT	0.0	17.9	0.0	8.3	241	-241
68888	LT	0.0	9.5	0.0	12.7	257	-257
68900	LT	0.0	4.6	0.0	3.1	260	-260
68913	LT	0.6	5.0	0.2	2.3	263	-263
68950	LT	0.0	4.9	0.4	6.8	271	-271
69000	LT	0.0	2.7	0.0	7.0	280	-279
69025	LT	0.0	0.0	0.0	1.3	281	-281
69047	LT	0.0	1.2	0.0	0.5	282	-281

Addendum No. 01
 ID 1590-16-71
 Added Sheet 207U
 April 26, 2017

USH 8 EARTHWORK DETAIL - GUARDRAIL STA. 836+398 - STA. 848+00

STATION	AREA (SF)		INCREMENTAL VOLUME (CY)		SALVAGED / UNUSABLE PAVEMENT MATERIAL		CUT	FILL	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUMULATIVE VOLUME (CY)		MASS ORDINATE
	CUT	FILL	CUT	FILL	CUT	FILL					CUT	FILL	
836+39	RT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
836+50	RT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
837+00	RT	0.7	0.0	0.6	0.0	0.0	0.6	0.0	0.0	0.0	1	0	1
837+50	RT	0.0	0.0	0.1	0.0	0.0	0.6	0.0	0.1	0.1	1	0	1
837+58	RT	0.8	0.0	1.6	0.0	0.0	0.1	0.0	0.3	0.3	1	0	1
837+83	RT	0.0	0.0	10.8	0.0	0.0	0.4	0.0	5.7	5.7	2	7	-6
838+00	RT	0.0	0.0	14.3	0.0	0.0	0.0	0.0	7.9	7.9	2	17	-15
838+08	RT	0.0	0.0	16.8	0.0	0.0	0.0	0.0	4.6	4.6	2	22	-21
838+33	RT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	7.8	2	32	-30
838+50	LT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	32	-30
839+00	LT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	32	-30
839+50	LT	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.6	0.6	2	32	-31
839+75	LT	0.0	0.0	3.4	0.0	0.0	0.0	0.0	1.9	1.9	2	35	-33
840+00	LT	0.0	0.0	10.6	0.0	0.0	0.0	0.0	6.5	6.5	2	42	-41
840+24	LT	0.0	0.0	19.4	0.0	0.0	0.0	0.0	13.3	13.3	2	58	-57
840+49	LT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	9.0	2	69	-67
846+80	RT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	69	-67
847+05	RT	0.0	0.0	75.7	0.0	0.0	0.0	0.0	35.1	35.1	2	111	-109
847+22	RT	0.0	0.0	74.0	0.0	0.0	0.0	0.0	47.1	47.1	2	168	-166
847+30	RT	0.0	0.0	58.0	0.0	0.0	0.0	0.0	19.6	19.6	2	191	-189
847+47	RT	0.0	0.0	30.0	0.0	0.0	0.0	0.0	27.7	27.7	2	224	-223
847+50	RT	0.0	0.0	23.7	0.0	0.0	0.0	0.0	3.0	3.0	2	228	-226
847+55	RT	0.0	0.0	15.6	0.0	0.0	0.0	0.0	3.6	3.6	2	232	-231
847+80	RT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	2	241	-239
846+97	LT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	241	-239
847+22	LT	0.0	0.0	77.1	0.0	0.0	0.0	0.0	35.7	35.7	2	284	-282
847+30	LT	0.0	0.0	62.8	0.0	0.0	0.0	0.0	20.7	20.7	2	309	-307
847+47	LT	0.0	0.0	44.8	0.0	0.0	0.0	0.0	33.9	33.9	2	349	-348
847+50	LT	0.0	0.0	41.0	0.0	0.0	0.0	0.0	4.8	4.8	2	355	-353
847+55	LT	0.0	0.0	27.9	0.0	0.0	0.0	0.0	6.4	6.4	2	363	-361
847+72	LT	0.0	0.0	13.5	0.0	0.0	0.0	0.0	13.0	13.0	2	378	-377
847+98	LT	0.0	0.0	0.5	0.0	0.0	0.0	0.0	6.7	6.7	2	386	-385

Addendum No. 01
 ID 1590-16-71
 Added Sheet 207V
 April 26, 2017

USH 8 EARTHWORK DETAIL - GUARDRAIL STA. 959+01 - STA. 967+82

STATION	AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)		CUMULATIVE VOLUME (CY)		MASS ORDINATE
	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	SALVAGED / UNUSABLE PAVEMENT MATERIAL	CUT	EXPANDED FILL	
959+01	RT 0.00	0	0.0	0	0.00	0	0
959+50	RT 0.00	0	0.0	0	0.00	0	0
960+00	RT 0.00	0	0.0	0	0.00	0	0
960+20	RT 0.85	0	0.0	0	0.00	0	0
960+45	RT 0.00	0	2.1	0	0.97	1	0
960+50	RT 0.00	0	1.2	0	0.31	2	-1
960+70	RT 0.00	0	1.3	0	0.93	3	-2
961+00	LT 0.98	0	0.0	0	0.00	3	-2
961+07	LT 2.30	0	0.0	0	0.00	3	-2
961+32	LT 0.00	0	0.8	0	0.37	2	-1
961+50	LT 0.20	0	0.0	0	0.27	2	-1
961+57	LT 0.00	0	0.0	0	0.00	2	-1
964+32	RT 0.65	0	0	0	0.00	2	-1
964+50	RT 0	0	1.67	0	0.56	3	-2
964+57	RT 0	0	0.7	0	0.31	3	-2
964+82	RT 3.5	0	0	0	0.32	4	-1
965+00	RT 1.61	0	0	0	0.00	5	1
965+25	RT 0.2	0	0	0	0.84	6	2
966+20	LT 0	0	3.51	0	0.00	7	2
966+45	LT 0	0	10.9	0	6.67	13	-6
966+50	LT 0	0	14.3	0	2.33	16	-9
966+70	LT 0.1	0	17	0	11.59	30	-23
967+00	LT 1.4	0	15.4	0	18.00	45	-44
967+50	LT 0.3	0	7.4	0	21.11	52	-67
967+89	LT 0	0	0	0	5.34	57	-74

Addendum No. 01
 ID 1590-16-71
 Added Sheet 207W
 April 26, 2017

USH 8 EARTHWORK DETAIL - GOODMAN

STATION	AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)		CUMULATIVE VOLUME (CY)		MASS ORDINATE		
	CUT	SALVAGED / PAVEMENT MATERIAL	FILL	CUT	SALVAGED / PAVEMENT MATERIAL	FILL		EXPANDED FILL	
								1.00	1.20
563+18	5.3	5.3	0.0	0.0	0.0	0.0	0	0	0
563+33	8.6	8.6	0.1	4.0	0.0	4.0	4	0	0
563+50	11.2	11.2	0.1	6.2	0.0	6.2	10	0	0
563+75	9.2	9.2	1.6	9.4	0.8	20	20	1	-1
564+00	9.0	9.0	2.2	8.4	1.7	28	28	3	-3
564+25	9.3	9.3	3.9	8.5	3.9	37	37	6	-6
564+50	8.2	8.2	1.3	8.1	2.4	45	45	9	-9
564+75	6.4	6.4	0.0	6.7	0.6	51	51	10	-10
565+00	5.0	5.0	0.7	5.3	0.3	57	57	10	-10
565+25	3.5	3.5	0.0	3.9	0.3	61	61	11	-11
565+50	3.5	3.5	0.0	3.2	0.0	64	64	11	-11
565+75	3.5	3.5	0.4	3.2	0.2	67	67	11	-11
566+00	3.5	3.5	0.9	3.2	0.6	70	70	12	-12
566+25	3.5	3.5	1.2	3.2	0.9	73	73	13	-13
566+50	3.5	3.5	1.5	3.2	1.2	77	77	14	-14
566+75	3.5	3.5	1.7	3.2	1.4	80	80	16	-16
567+00	3.5	3.5	1.5	3.2	1.5	83	83	18	-18
567+25	3.5	3.5	2.3	3.2	1.7	86	86	20	-20
567+50	3.5	3.5	3.2	3.2	2.5	90	90	23	-23
567+75	3.5	3.5	4.0	3.2	3.3	93	93	27	-27
568+00	3.5	3.5	4.5	3.2	3.9	96	96	32	-32
568+25	3.5	3.5	3.5	3.2	3.7	99	99	36	-36
568+50	3.5	3.5	2.4	3.2	2.7	102	102	39	-39
568+75	3.5	3.5	4.0	3.2	3.0	106	106	43	-43
569+00	1.3	1.3	4.4	2.2	3.9	108	108	47	-47
569+25	2.1	2.1	2.2	1.6	3.0	109	109	51	-51
569+50	2.1	2.1	2.4	1.9	2.1	111	111	54	-54
569+75	2.1	2.1	4.6	1.9	3.2	113	113	58	-58
570+00	2.1	2.1	6.5	1.9	5.1	115	115	64	-64
570+25	2.1	2.1	5.4	1.9	5.5	117	117	70	-70
570+50	2.1	2.1	4.4	1.9	4.5	119	119	76	-76
570+75	2.1	2.1	1.6	1.9	2.8	121	121	79	-79
571+00	2.1	2.1	0.0	1.9	0.7	123	123	80	-80
571+25	5.6	5.6	0.4	3.6	3.6	126	126	80	-80
571+50	9.7	9.7	0.0	7.1	7.1	133	133	80	-80
571+75	12.4	12.4	0.6	10.3	10.3	144	144	81	-81
572+00	10.7	10.7	0.4	10.7	10.7	154	154	81	-81
572+25	10.9	10.9	0.4	10.0	10.0	164	164	82	-82
572+50	11.0	11.0	0.3	10.1	10.1	175	175	82	-82
572+75	11.3	11.3	0.1	11.3	10.3	185	185	82	-82
573+00	11.2	11.2	0.1	10.4	10.4	195	195	82	-82
573+25	10.8	10.8	0.2	10.2	10.2	205	205	82	-82
573+50	10.9	10.9	0.0	10.1	10.1	216	216	83	-83
573+75	11.6	11.6	0.9	10.4	10.4	226	226	83	-83
574+00	11.4	11.4	0.6	10.7	10.7	237	237	84	-84
574+25	7.4	7.4	0.4	8.7	8.7	245	245	84	-84
574+50	3.9	3.9	0.1	5.2	5.2	251	251	85	-85
574+75	3.9	3.9	0.1	3.6	3.6	254	254	85	-85
575+00	3.4	3.4	0.4	3.3	3.3	257	257	85	-85
575+25	12.2	12.2	1.2	7.2	7.2	265	265	86	-86

PROJECT NUMBER: 1590-16-71 HWY: USH 8 COUNTY: MARQUETTE EARTHWORK QUANTITIES SHEET 207W

Addendum No. 01
 ID 1590-16-71
 Added Sheet 207X
 April 26, 2017

USH 8 EARTHWORK DETAIL - GOODMAN CONT.

STATION	AREA (SF)		INCREMENTAL VOLUME (CY) UNADJUSTED		CUMULATIVE VOLUME (CY)		MASS ORDI NATE		
	CUT	SALVAGED / PAVEMENT MATERIAL	FILL	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL		EXPANDED FILL	
								1.00	1.20
575+50	12.2	12.2	2.1	11.3	1.5	276	88	-88	
575+75	12.0	12.0	1.5	11.2	1.6	287	90	-90	
576+00	25.7	25.7	1.1	17.4	1.2	305	91	-91	
576+25	10.7	10.7	0.4	16.8	0.7	321	92	-92	
576+50	14.2	14.2	1.1	11.5	0.7	333	93	-93	
576+75	13.7	13.7	1.1	12.9	1.0	346	94	-94	
577+00	10.6	10.6	1.4	11.3	1.1	357	95	-95	
577+25	10.9	10.9	1.2	10.0	1.2	367	97	-97	
577+50	11.0	11.0	0.8	10.1	0.9	377	98	-98	
577+75	10.7	10.7	0.9	10.0	0.8	387	99	-99	
578+00	11.2	11.2	1.1	10.1	0.9	397	100	-100	
578+25	11.5	11.5	1.5	10.5	1.2	408	101	-101	
578+50	11.8	11.8	2.3	10.8	1.7	419	103	-103	
578+75	12.1	12.1	4.3	11.1	3.0	430	107	-107	
579+00	10.9	10.9	0.8	10.7	2.3	440	110	-110	
579+25	6.5	6.5	0.1	8.1	0.4	449	110	-110	
579+50	6.4	6.4	0.0	6.0	0.0	455	110	-110	
579+75	6.9	6.9	0.0	6.1	0.0	461	110	-110	
580+00	6.9	6.9	0.0	6.4	0.0	467	110	-110	
580+25	24.6	24.6	0.2	14.6	0.0	482	110	-110	
580+50	15.8	15.8	0.2	18.7	0.2	500	111	-111	
580+75	21.0	21.0	0.0	17.0	0.1	517	111	-111	
581+00	14.2	14.2	0.0	16.3	0.0	534	111	-111	
581+25	15.3	15.3	0.0	13.6	0.0	547	111	-111	
581+50	14.4	14.4	0.1	13.8	0.0	561	111	-111	
581+75	12.3	12.3	0.0	12.4	0.0	573	111	-111	
582+00	15.4	15.4	0.1	12.8	0.0	586	111	-111	
582+25	11.9	11.9	0.0	12.7	0.0	599	111	-111	
582+50	11.5	11.5	0.0	10.8	0.0	610	111	-111	
582+75	11.3	11.3	0.0	10.5	0.0	620	111	-111	
583+00	11.5	11.5	0.0	10.6	0.0	631	111	-111	
583+25	12.1	12.1	0.0	10.9	0.0	642	111	-111	
583+50	10.2	10.2	0.0	10.3	0.0	652	111	-111	
583+75	5.9	5.9	0.7	7.5	0.3	660	111	-111	
584+00	4.9	4.9	0.0	5.0	0.0	665	112	-112	
584+25	7.7	7.7	0.7	5.8	0.3	670	112	-112	
584+50	13.3	13.3	0.0	9.7	0.0	680	112	-112	
584+75	14.1	14.1	0.0	12.7	0.0	693	112	-112	
585+00	13.1	13.1	0.0	12.6	0.0	705	112	-112	
585+25	12.6	12.6	0.0	11.9	0.0	717	112	-112	
585+50	12.4	12.4	1.0	11.6	0.4	729	113	-113	
585+75	12.2	12.2	1.0	11.4	0.9	740	114	-114	
586+00	11.6	11.6	0.7	11.0	0.7	751	115	-115	
586+25	11.5	11.5	0.3	10.7	0.4	762	115	-115	
586+50	11.4	11.4	0.6	10.6	0.4	773	116	-116	
586+75	12.0	12.0	0.2	10.8	0.3	783	116	-116	
587+00	12.1	12.1	0.1	11.1	0.1	795	117	-117	
587+25	11.6	11.6	0.2	11.0	0.1	805	117	-117	
587+50	11.2	11.2	0.2	10.6	0.2	816	117	-117	
587+75	11.0	11.0	0.4	10.3	0.3	826	117	-117	

COUNTY: MARINETTE

HWY: USH 8

PROJECT NUMBER: 1590-16-71

Addendum No. 01
 ID 1590-16-71
 Added Sheet 207Y
 April 26, 2017

US 8 EARTHWORK DETAIL - GOODMAN CONT.

STATION	AREA (SF)		INCREMENTAL VOLUME (CY) UNADJUSTED		CUMULATIVE VOLUME (CY)		MASS ORDINATE		
	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL		CUT	EXPANDED FILL
588+00	8.4	8.4	0.5	9.0	9.0	0.4	835	1.00	118
588+25	7.1	7.1	0.7	7.2	7.2	0.5	842	1.20	118
588+50	6.3	6.3	0.2	6.2	6.2	0.4	849	1.19	119
588+75	7.7	7.7	1.1	6.5	6.5	0.6	855	1.19	119
589+00	9.1	9.1	0.4	7.8	7.8	0.6	863	1.20	120
589+25	9.1	9.1	0.0	8.5	8.5	0.2	871	1.20	120
589+50	9.2	9.2	0.0	8.5	8.5	0.0	880	1.21	121
589+75	9.1	9.1	0.5	8.5	8.5	0.2	888	1.21	121
590+00	9.2	9.2	0.8	8.5	8.5	0.6	897	1.21	121
590+25	9.5	9.5	0.4	8.7	8.7	0.5	906	1.22	122
590+50	9.8	9.8	0.1	9.0	9.0	0.3	914	1.22	122
590+75	9.9	9.9	0.0	9.1	9.1	0.1	924	1.22	122
591+00	9.6	9.6	0.0	9.0	9.0	0.0	933	1.22	122
591+25	9.5	9.5	0.0	8.8	8.8	0.0	941	1.22	122
591+50	9.7	9.7	0.0	8.9	8.9	0.0	950	1.22	122
591+75	9.7	9.7	0.0	9.0	9.0	0.0	959	1.22	122
592+00	9.8	9.8	0.0	9.0	9.0	0.0	968	1.22	122
592+25	9.7	9.7	0.0	9.1	9.1	0.0	977	1.22	122
592+50	7.4	7.4	0.0	7.9	7.9	0.0	985	1.22	122
592+75	5.3	5.3	0.0	5.9	5.9	0.0	991	1.22	122
593+00	4.9	4.9	0.0	4.7	4.7	0.0	996	1.22	122
593+03	2.5	2.5	0.0	0.4	0.4	0.0	996	1.22	122



Proposal Schedule of Items

Proposal ID: 20170509017 Project(s): 1590-16-71

Federal ID(s): WISC 2017273

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0010	201.0105 Clearing	7.000 STA	_____.	_____.
0020	201.0120 Clearing	40.000 ID	_____.	_____.
0030	201.0205 Grubbing	7.000 STA	_____.	_____.
0040	201.0220 Grubbing	40.000 ID	_____.	_____.
0050	203.0100 Removing Small Pipe Culverts	1.000 EACH	_____.	_____.
0060	204.0110 Removing Asphaltic Surface	270.000 SY	_____.	_____.
0070	204.0115 Removing Asphaltic Surface Butt Joints	415.000 SY	_____.	_____.
0090	204.0150 Removing Curb & Gutter	6,485.000 LF	_____.	_____.
0100	204.0155 Removing Concrete Sidewalk	1,555.000 SY	_____.	_____.
0110	204.0165 Removing Guardrail	727.000 LF	_____.	_____.
0120	204.0185 Removing Masonry	42.000 CY	_____.	_____.
0130	204.0210 Removing Manholes	7.000 EACH	_____.	_____.
0140	204.0220 Removing Inlets	13.000 EACH	_____.	_____.
0150	204.0245 Removing Storm Sewer (size) 01. 12-Inch	1,395.000 LF	_____.	_____.
0160	204.0245 Removing Storm Sewer (size) 02. 15-Inch	660.000 LF	_____.	_____.
0170	204.0245 Removing Storm Sewer (size) 03. 18-inch	50.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170509017 Project(s): 1590-16-71

Federal ID(s): WISC 2017273

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0180	205.0100 Excavation Common	1,460.000 CY	_____	_____
0190	208.0100 Borrow	8,919.000 CY	_____	_____
0200	209.2100 Backfill Granular Grade 2	550.000 CY	_____	_____
0210	211.0100 Prepare Foundation for Asphaltic Paving (project) 01. Project 1590-16-71	LS	LUMP SUM	_____
0220	213.0100 Finishing Roadway (project) 01. Project 1590-16-71	1.000 EACH	_____	_____
0230	305.0110 Base Aggregate Dense 3/4-Inch	2,315.000 TON	_____	_____
0240	305.0120 Base Aggregate Dense 1 1/4-Inch	1,395.000 TON	_____	_____
0250	416.0160 Concrete Driveway 6-Inch	125.000 SY	_____	_____
0260	440.4410 Incentive IRI Ride	114,110.000 DOL	1.00000	114,110.00
0270	455.0605 Tack Coat	34,060.000 GAL	_____	_____
0280	460.2005 Incentive Density PWL HMA Pavement	44,210.000 DOL	1.00000	44,210.00
0290	460.2010 Incentive Air Voids HMA Pavement	64,690.000 DOL	1.00000	64,690.00
0300	460.4110.S Reheating HMA Pavement Longitudinal Joints	150,628.000 LF	_____	_____
0310	460.5223 HMA Pavement 3 LT 58-28 S	36,370.000 TON	_____	_____
0320	460.5224 HMA Pavement 4 LT 58-28 S	28,315.000 TON	_____	_____
0330	465.0105 Asphaltic Surface	365.000 TON	_____	_____



Proposal Schedule of Items

Proposal ID: 20170509017 Project(s): 1590-16-71

Federal ID(s): WISC 2017273

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0340	465.0110 Asphaltic Surface Patching	40.000 TON	_____.	_____.
0350	465.0120 Asphaltic Surface Driveways and Field Entrances	80.000 TON	_____.	_____.
0360	465.0315 Asphaltic Flumes	10.000 SY	_____.	_____.
0370	465.0425 Asphaltic Shoulder Rumble Strips 2-Lane Rural	115,642.000 LF	_____.	_____.
0380	465.0475 Asphalt Center Line Rumble Strips 2-Lane Rural	59,957.000 LF	_____.	_____.
0390	520.1015 Apron Endwalls for Culvert Pipe 15-Inch	2.000 EACH	_____.	_____.
0400	520.3315 Culvert Pipe Class III-A 15-Inch	36.000 LF	_____.	_____.
0410	520.8000 Concrete Collars for Pipe	8.000 EACH	_____.	_____.
0420	521.0124 Culvert Pipe Corrugated Steel 24-Inch	16.000 LF	_____.	_____.
0430	521.1024 Apron Endwalls for Culvert Pipe Steel 24-Inch	7.000 EACH	_____.	_____.
0440	521.1030 Apron Endwalls for Culvert Pipe Steel 30-Inch	1.000 EACH	_____.	_____.
0450	522.0130 Culvert Pipe Reinforced Concrete Class III 30-Inch	18.000 LF	_____.	_____.
0460	522.0142 Culvert Pipe Reinforced Concrete Class III 42-Inch	4.000 LF	_____.	_____.
0470	524.0630 Apron Endwalls for Culvert Pipe Salvaged 30-Inch	3.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170509017 Project(s): 1590-16-71

Federal ID(s): WISC 2017273

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0480	524.0636 Apron Endwalls for Culvert Pipe Salvaged 36-Inch	2.000 EACH	_____.	_____.
0490	524.0642 Apron Endwalls for Culvert Pipe Salvaged 42-Inch	1.000 EACH	_____.	_____.
0500	601.0411 Concrete Curb & Gutter 30-Inch Type D	5,110.000 LF	_____.	_____.
0510	601.0557 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	1,375.000 LF	_____.	_____.
0520	601.0600 Concrete Curb Pedestrian	145.000 LF	_____.	_____.
0530	602.0405 Concrete Sidewalk 4-Inch	14,245.000 SF	_____.	_____.
0540	602.0505 Curb Ramp Detectable Warning Field Yellow	190.000 SF	_____.	_____.
0550	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	521.000 LF	_____.	_____.
0560	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	50.000 LF	_____.	_____.
0570	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	1,268.000 LF	_____.	_____.
0580	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	61.000 LF	_____.	_____.
0590	611.0530 Manhole Covers Type J	2.000 EACH	_____.	_____.
0600	611.0624 Inlet Covers Type H	10.000 EACH	_____.	_____.
0610	611.0639 Inlet Covers Type H-S	3.000 EACH	_____.	_____.
0620	611.2004 Manholes 4-FT Diameter	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170509017 Project(s): 1590-16-71

Federal ID(s): WISC 2017273

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0630	611.2006 Manholes 6-FT Diameter	1.000 EACH	_____.	_____.
0640	611.3004 Inlets 4-FT Diameter	7.000 EACH	_____.	_____.
0650	611.3230 Inlets 2x3-FT	6.000 EACH	_____.	_____.
0660	611.8115 Adjusting Inlet Covers	1.000 EACH	_____.	_____.
0670	611.9800.S Pipe Grates	1.000 EACH	_____.	_____.
0680	614.0370 Steel Plate Beam Guard Energy Absorbing Terminal	14.000 EACH	_____.	_____.
0690	614.0397 Guardrail Mow Strip Emulsified Asphalt	390.000 SY	_____.	_____.
0700	614.0400 Adjusting Steel Plate Beam Guard	2,275.000 LF	_____.	_____.
0710	614.0950 Replacing Guardrail Posts and Blocks	45.000 EACH	_____.	_____.
0720	618.0100 Maintenance And Repair of Haul Roads (project) 01. Project 1590-16-71	1.000 EACH	_____.	_____.
0730	619.1000 Mobilization	1.000 EACH	_____.	_____.
0740	624.0100 Water	20.000 MGAL	_____.	_____.
0750	625.0100 Topsoil	48,430.000 SY	_____.	_____.
0760	627.0200 Mulching	28,080.000 SY	_____.	_____.
0770	628.1504 Silt Fence	11,550.000 LF	_____.	_____.
0780	628.1520 Silt Fence Maintenance	11,550.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170509017 Project(s): 1590-16-71

Federal ID(s): WISC 2017273

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0790	628.1905 Mobilizations Erosion Control	4.000 EACH	_____.	_____.
0800	628.1910 Mobilizations Emergency Erosion Control	3.000 EACH	_____.	_____.
0810	628.2004 Erosion Mat Class I Type B	20,350.000 SY	_____.	_____.
0820	628.7015 Inlet Protection Type C	26.000 EACH	_____.	_____.
0830	628.7504 Temporary Ditch Checks	705.000 LF	_____.	_____.
0840	628.7555 Culvert Pipe Checks	45.000 EACH	_____.	_____.
0850	628.7570 Rock Bags	200.000 EACH	_____.	_____.
0860	629.0210 Fertilizer Type B	30.000 CWT	_____.	_____.
0870	630.0120 Seeding Mixture No. 20	1,210.000 LB	_____.	_____.
0880	630.0140 Seeding Mixture No. 40	62.000 LB	_____.	_____.
0890	634.0614 Posts Wood 4x6-Inch X 14-FT	179.000 EACH	_____.	_____.
0900	634.0616 Posts Wood 4x6-Inch X 16-FT	111.000 EACH	_____.	_____.
0910	637.2210 Signs Type II Reflective H	1,219.720 SF	_____.	_____.
0920	637.2230 Signs Type II Reflective F	528.570 SF	_____.	_____.
0930	638.2602 Removing Signs Type II	252.000 EACH	_____.	_____.
0940	638.3000 Removing Small Sign Supports	297.000 EACH	_____.	_____.
0950	642.5401 Field Office Type D	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170509017 Project(s): 1590-16-71

Federal ID(s): WISC 2017273

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0960	643.0100 Traffic Control (project) 01. Project 1590-16-71	1.000 EACH	_____.	_____.
0970	643.0300 Traffic Control Drums	4,250.000 DAY	_____.	_____.
0980	643.0310.S Temporary Portable Rumble Strips	1.000 LS	_____.	_____.
0990	643.0410 Traffic Control Barricades Type II	175.000 DAY	_____.	_____.
1000	643.0420 Traffic Control Barricades Type III	75.000 DAY	_____.	_____.
1010	643.0705 Traffic Control Warning Lights Type A	3,300.000 DAY	_____.	_____.
1020	643.0715 Traffic Control Warning Lights Type C	250.000 DAY	_____.	_____.
1030	643.0900 Traffic Control Signs	6,560.000 DAY	_____.	_____.
1040	643.1050 Traffic Control Signs PCMS	14.000 DAY	_____.	_____.
1050	646.0106 Pavement Marking Epoxy 4-Inch	97,194.000 LF	_____.	_____.
1060	646.0406 Pavement Marking Same Day Epoxy 4-Inch	96,894.000 LF	_____.	_____.
1070	646.2304.S Pavement Marking Grooved Wet Reflective Epoxy 4-Inch	140,422.000 LF	_____.	_____.
1080	646.2308.S Pavement Marking Grooved Wet Reflective Epoxy 8-Inch	175.000 LF	_____.	_____.
1090	649.0402 Temporary Pavement Marking Paint 4-Inch	177,946.000 LF	_____.	_____.
1100	650.4000 Construction Staking Storm Sewer	15.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170509017 Project(s): 1590-16-71

Federal ID(s): WISC 2017273

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1110	650.5500 Construction Staking Curb Gutter and Curb & Gutter	4,885.000 LF	_____	_____
1120	650.8000 Construction Staking Resurfacing Reference	75,314.000 LF	_____	_____
1130	650.9910 Construction Staking Supplemental Control (project) 01. Project 1590-16-71	LS	LUMP SUM	_____
1140	650.9920 Construction Staking Slope Stakes	33,730.000 LF	_____	_____
1150	690.0150 Sawing Asphalt	10,075.000 LF	_____	_____
1160	690.0250 Sawing Concrete	95.000 LF	_____	_____
1170	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,400.000 HRS	5.00000	12,000.00
1180	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	3,040.000 HRS	5.00000	15,200.00
1190	SPV.0060 Special 01. HMA Percent Within Limits (PWL) Test Strip	2.000 EACH	_____	_____
1200	SPV.0180 Special 01. Protective Thermoplastic Coating at Snowmobile Crossing	60.000 SY	_____	_____
1210	204.0120 Removing Asphaltic Surface Milling	273,460.000 SY	_____	_____
Section: 0001			Total:	_____
			Total Bid:	_____