

QUANTITY SHEETS  
CONTRACT NO. 2018-6019  
BOOK 1 OF 1

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W.P. No. 491-00-00

Contract No. 2018-6019

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QUANTITIES - MISCELLANEOUS 1

W.P. No. 491-00-00  
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MINISTRY OF TRANSPORTATION - ONTARIO

Location and Position	Clearing	Grubbing	Earth Excavation (Grading)										References
Sub - Totals Brought Forward:													
Highway 602													
Township of Woodyatt													
8+740-8+823 Lt; 4.5m-7.5m o/s	360	360											
8+740-8+823 Rt; 4.5m-7.5m o/s	282	282											
8+780-8+810			95										
8+845-8+925 Lt; 4.5m-7.5m o/s	395	395											
8+845-8+925 Rt; 4.5m-7.5m o/s	373	373											
8+858-8+950			400										
Sub - Totals Carried Forward:	1,410	1,410	495										
		(P)	(P)	(P)									
TOTALS	1,410	1,410	495										
UNIT	m2 (P)	m2 (P)	m3 (P)										
ITEM No.	1	2	3										
Reference													
												CHKD. _____ APPR. _____ DATE _____	

Clearing and Grubbing

QUANTITIES - MISCELLANEOUS 1

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Location and Position	Granular Sealing (m2) [Hand Sprayed] [Sealant Type III]																									References	
Sub - Totals Brought Forward:																											
Highway 602																											
Township of Woodyatt																											
8+740-8+810 Lt		60																									
8+740-8+810 Rt		64																									
8+858-8+920 Rt		70																									
8+858-8+920 Lt		51																									
Sub - Totals Carried Forward:		245																									
TOTALS		(P) 245																									
UNIT		m2 (P)																									
ITEM No.		4																									
Reference																											

MINISTRY OF TRANSPORTATION - ONTARIO

Granular Sealing

CHKD. \_\_\_\_\_  
APPR. \_\_\_\_\_  
DATE \_\_\_\_\_

**QUANTITIES - HOT MIX AND GRANULAR**

W.P. No. 491-00-00  
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MINISTRY OF TRANSPORTATION - ONTARIO

Description	Tack Coat [Binder]	Tack Coat [Wearing Surface]	Asphalt Gutter Outlets	Asphalt Spillways	Superpave 12.5 - Warm Mix Surface Course	Superpave 12.5 - Warm Mix Binder Course	Granular A [Shouldering]	Granular A [Base]	Granular B, Type II [Subbase]							References
Sub - Totals Brought Forward:																
Highway 602																
Township of Woodyatt																
8+780-8+791 Rt							3									
8+780-8+810								20	75							
8+780-8+920					140	48										
8+791-8+804 Rt							19									
8+791-8+804 Lt							13									
8+804-8+864	540	440														
8+858-8+920								75	270							
8+865-8+878 Rt							135									
8+865-8+878 Lt							179									
8+878 Lt			1	3												
8+878 Rt			1	3												
8+878-8+920 Rt							25									
8+885-9+950								130								
Sub - Totals Carried Forward:																
	540	440	2	6	140	48	374	225	345							
	540	440			140	48	374	225								
	(P)	(P)	(P)	(P)												
<b>TOTALS</b>		980	2	6		188	599	345								
<b>UNIT</b>	m2 (P)	m2 (P)	each (P)	m (P)	t	t	t	t	t							
<b>ITEM No.</b>		5	6	7		8	9	10								
<b>Reference</b>																
<b>Remarks:</b>																CHKD. _____ APPR. _____ DATE _____

Hot Mix and Granular

# QUANTITIES - MISCELLANEOUS 1

W.P. No. 491-00-00

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MINISTRY OF TRANSPORTATION - ONTARIO

Location and Position	Concrete Curb and Gutter [OPSD 600.040] [Straight]													References
Sub - Totals Brought Forward:														
Highway 602														
Township of Woodyatt														
8+791-8+810 Lt	19													
8+791-8+810 Rt	19													
8+858-8+878 Lt	20													
8+858-8+878 Rt	20													
Sub - Totals Carried Forward:	78													
(P)														
TOTALS	78													
UNIT	m (P)													
ITEM No.	11													
Reference														

CHKD. \_\_\_\_\_  
APPR. \_\_\_\_\_  
DATE \_\_\_\_\_

Curb and Gutter

**QUANTITIES - MISCELLANEOUS 1**

W.P. No. 491-00-00  
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Location and Position	<i>Removal of Asphalt Pavement [Full Depth], [Bridge Approaches]</i>	<i>Removal of Asphalt Pavement from Concrete Surfaces [Full Depth]</i>																			References
Sub - Totals Brought Forward:																					
Highway 602																					
Township of Woodyatt																					
8+780-8+804	150																				
8+804-8+864		540																			
8+864-9+920	400																				
Sub - Totals Carried Forward:																					
	(P)	(P)																			
TOTALS	550	540																			
UNIT	m2 (P)	m2 (P)																			
ITEM No.	12	13																			
Reference																					
CHKD. _____ APPR. _____ DATE _____																					

MINISTRY OF TRANSPORTATION - ONTARIO

Removal

## QUANTITIES - MISCELLANEOUS 1

W.P. No. 491-00-00  
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MINISTRY OF TRANSPORTATION - ONTARIO

Location and Position	Geotextile (Class II) (Non-woven) (FOS 50-100 micron)	Protection System												References
Sub - Totals Brought Forward:														
Highway 602														
Township of Woodyatt														
8+878 Rt	20													
8+878 Lt	13													
Entire Project Limits		100 %												
Sub - Totals Carried Forward:	33	100 %												

(P)		33	100 %											
TOTALS		33	100 %											
UNIT		m2 (P)	lump sum											
ITEM No.		14	15											
Reference														

CHKD. \_\_\_\_\_  
APPR. \_\_\_\_\_  
DATE \_\_\_\_\_

Miscellaneous



**QUANTITIES - MISCELLANEOUS 1**

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SHEET  
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MINISTRY OF TRANSPORTATION - ONTARIO

Location and Position	Small Signs, Ground Mounted, New	Small Signs, Relocation	Small Signs, Removal									References
Sub - Totals Brought Forward:												
Highway 602												
Township of Woodyatt												
8+791 Rt; 0.6m o/s from ES		1										
8+808 Rt; 0.1m o/s from ES			1									
8+808 Rt; 1.0m o/s from ES	1											
8+808 Lt; 0.1m o/s from ES			1									
8+860 Lt; 1.0m o/s from ES	1		1									
8+865 Rt; 1.2m o/s from ES			1									
Sub - Totals Carried Forward:	2	1	4									
	(P) 2	(P) 1	(P) 4									
TOTALS	2	1	4									
UNIT	each (P)	each (P)	each (P)									
ITEM No.	16	17	18									
Reference												
												CHKD. _____ APPR. _____ DATE _____

**QUANTITIES - MISCELLANEOUS 1**

W.P. No. 491-00-00  
 Contract No. 2018-6019

Location and Position	Temporary Traffic Control Signs												References
Sub - Totals Brought Forward:													
Highway 602													
Township of Woodyatt													
Project Limits	100 %												
Sub - Totals Carried Forward:	100 %												
TOTALS	100 %												
UNIT	lump sum												
ITEM No.	19												
Reference													
												CHKD. _____	
												APPR. _____	
												DATE _____	

MINISTRY OF TRANSPORTATION - ONTARIO

Traffic Control

**QUANTITIES - MISCELLANEOUS 1**

W.P. No. 491-00-00  
Contract No. 2018-6019

Location and Position	Road Closing / Restriction Notice Signs (TC-64)												References
Sub - Totals Brought Forward:													
Highway 602													
Township of Woodyatt													
Highway 602	2												
Highway 11	2												
Sub - Totals Carried Forward:	4												
(P)													
TOTALS	4												
UNIT	each (P)												
ITEM No.	20												
Reference													

MINISTRY OF TRANSPORTATION - ONTARIO

CHKD. \_\_\_\_\_  
APPR. \_\_\_\_\_  
DATE \_\_\_\_\_

QUANTITIES - MISCELLANEOUS 1

W.P. No. 491-00-00  
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SHEET  
10

MINISTRY OF TRANSPORTATION - ONTARIO

Location and Position	Single Rail SBGR [OPSD 912.185]	Single Rail SBGR with Channel [OPSD 912.430]	SBEAT System [50:1 Flare]								References
Sub - Totals Brought Forward:											
Highway 602											
Township of Woodyatt											
8+765; Lt						1					
8+765-8+791 Lt	26										
8+769 Rt						1					
8+769-8+791 Rt	26										
8+791-8+803 Lt			12								
8+791-8+803 Rt			12								
8+866-8+878 Lt			12								
8+866-8+878 Rt			12								
8+878-8+900 Lt	22										
8+878-8+997 Rt	119										
8+900 Lt						1					
8+997 Rt						1					
Sub - Totals Carried Forward:	193	48				4					
	(P)	(P)	(P)								
TOTALS	193	48				4					
UNIT	m (P)	m (P)				each (P)					
ITEM No.	21	22				23					
Reference											
											CHKD. _____ APPR. _____ DATE _____

SBGR

**QUANTITIES - MISCELLANEOUS 1**

W.P. No. 491-00-00  
Contract No. 2018-6019

SHEET  
11

Location and Position	<i>Topsoil, Imported</i>	<i>Seed and Erosion Control Blanket Northern Ontario Mix Seeding</i>	<i>Light-Duty Silt Fence Barriers</i>	<i>Bird Nesting Preventative Measures</i>										References
Sub - Totals Brought Forward:														
Highway 602														
Township of Woodyatt														
8+740-8+810			155											
8+740-8+810 Lt	18	360												
8+740-8+810 Rt	15	283												
8+850-8+920			165											
8+858-8+925 Lt	20	395												
8+858-8+925 Rt	19	373												
Entire Project Limits				100 %										
Sub - Totals Carried Forward:														
	72	1,411	320	100 %										
(P) (P)														
TOTALS	72	1,411	320	100 %										
UNIT	m3	m2 (P)	m (P)	lump sum										
ITEM No.	24	25	26	27										
Reference														

MINISTRY OF TRANSPORTATION - ONTARIO

Environment and Erosion

CHKD. \_\_\_\_\_  
APPR. \_\_\_\_\_  
DATE \_\_\_\_\_

# QUANTITIES - STRUCTURE

W.P. No. 491-00-00  
Contract No. 2018-6019

SHEET  
12

Site No. 45-085	<i>Granular B, Type II</i> [backfill]	700 mm Pipe Culvert Integral Abutment CSP	Removal of Bridge Structure	Rock Protection	Rip-Rap (R-50)	Geotextile (Class II) (Non-woven) (FOS 50-100 micron)	Retained Soil System with Finishing Cap, Wall/Slope, High Performance	Earth Excavation for Structure	Dewatering Structure Excavation	Supply Equipment for Driving Piles	Rock Points	Concrete in Substructure [(30 mpa)]	Reinforcing Steel Bar	Mechanical Connectors	Fabrication of Structural Steel	References
LUMP SUM																

MINISTRY OF TRANSPORTATION - ONTARIO

Highway 602	1,300															
Township of Woodyatt		30	100 %	1,210												
La Vallee River Bridge					300											
Site No. 45-085						300	100 %	1,713								
									100 %							
											10					
												100 %				
													100 %			
														200		
															100 %	
	1,300	30	100 %	1,210	300	300	100 %	1,713	100 %	100 %	10	100 %	100 %	200	100 %	

	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	
<b>TOTALS</b>	1,300	30	100 %	1,210	300	300	100 %	1,713	100 %	100 %	10	100 %	100 %	200	100 %	
<b>UNIT</b>	t	m (P)	lump sum	m3 (P)	m2 (P)	m2 (P)	lump sum	m3 (P)	lump sum	lump sum	each (P)	lump sum	lump sum	each (P)	lump sum	
<b>ITEM No.</b>	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	

Remarks:	CHKD. _____ APPR. _____ DATE _____
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Site No. 45-085

**QUANTITIES - STRUCTURE**

W.P. No. 491-00-00  
 Contract No. 2018-6019

SHEET  
 13

Site No. 45-085	<i>Delivery of Structural Steel</i>	<i>Erection of Structural Steel</i>	<i>Metal Traffic Barrier</i>	<i>Coating New Structural Steel</i>	<i>Bridge Deck Waterproofing</i>	<i>Bearings</i>	<i>Precast Concrete Bridge Elements, Fabrication</i>	<i>Precast Concrete Bridge Elements, Delivery</i>	<i>Precast Concrete Bridge Elements, Installation</i>	<i>H-Piles - HP 310 X 132</i>	<i>Steel Pile High Strain Dynamic Testing</i>	<i>Field Cast Joints for Precast Concrete Bridge Elements</i>				References	
LUMP SUM																	
Highway 602																	
Township of Woodyatt																	
La Vallee River Bridge																	
Site No. 45-085																	
	100 %																
		100 %															
			120														
				100 %													
					100 %												
						100 %											
							100 %										
								100 %									
									100 %								
										350							
											100 %						
												100 %					
	100 %	100 %	120	100 %	100 %	100 %	100 %	100 %	100 %	350	100 %	100 %					
(P)																	
TOTALS	100 %	100 %	120	100 %	100 %	100 %	100 %	100 %	100 %	350	100 %	100 %					
UNIT	lump sum	lump sum	m (P)	lump sum	lump sum	lump sum	lump sum	lump sum	lump sum	m	lump sum	lump sum					
ITEM No.	43	44	45	46	47	48	49	50	51	52	53	54					

MINISTRY OF TRANSPORTATION - ONTARIO

Remarks:

CHKD. \_\_\_\_\_  
 APPR. \_\_\_\_\_  
 DATE \_\_\_\_\_

Site No. 45-085