

Your Job
Your Township
Your County, Your State

Prepared: 5/25/2007

Final Version 1.0

This takeoff has been prepared by *Walsh Estimating Service*, a division of Maracorp International:

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By acceptance of this takeoff, the purchaser agrees to the following statement:

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Prepared For:
Your Construction Company

	ITEM	UNIT	QUANT	PRICE	AMOUNT
	Your Job				
	Your Township				
	Your County, Your State				
	Prepared: 5/25/2007				
	NOTES:				
	1. Specifications have not been reviewed.				
	2. Pavement areas from Agtek printout are not to be used for exact pavement quantities (e.g. curbed islands are sometimes included within earthwork pavement surface areas)				
	3. Agtek File Name(s): Your Job Your State earth 1.0, Your JobYourState mat 1.0				

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	ITEM	UNIT	QUANT	PRICE	AMOUNT
I.	EROSION AND SEDIMENT CONTROL				
	<i>NOTE: No plans provided for erosion and sediment control</i>				
	Construction Entrance Pad, _" thick	CY			
	Filter Fabric for construction entrance pad	SY			
	Inlet Filters <i>NOTE: Assumed for proposed inlets</i>	EA	12		
	Silt Fence, _" high	LF			
	Temporary seeding as required	LS	1		
	∑	∑			
Subtotal					
II.	SITE CLEARING AND DEMOLITION				
	Clear, Grub and Dispose Trees and Stumps	AC	0.03		
	Remove 12" Apple Tree	EA	1		
	Remove 16" Pear Tree	EA	1		
	Remove 21" Maple Tree	EA	1		
	Remove 30" Pine Tree	EA	1		
	Saw Cut Pavement	LF	410		
	Remove Buildings	SY	350		
	Remove Concrete Slab at house to be removed	SF	220		
	Remove Fence	LF	155		
	Remove Fence Posts	EA	8		
	∑	∑			
Subtotal					

	ITEM	UNIT	QUANT	PRICE	AMOUNT
III.	EXCAVATION (All volumes are "Raw" -- no assumptions for swell or compaction)				
	DISTURBANCE AREA	SF	49,011		
	Disturbance Area, Acres	Acre	1.13		
	î	î			
	Strip All Areas, 6" thick	CY	908		

	SUBGRADE ASSUMPTIONS:				
	Basin	0.50'			
	Landscaped Areas	0.50'			
	Pavement Areas	0.50'			

	CUT:				
	Basin	CY	1,320		
	TOTAL CUT =	CY	1,320		
	FILL:				
	Pavement Areas	CY	2,141		
	TOTAL FILL =	CY	2,141		

	UNCLASSIFIED EXCESS (BORROW) =	CY	(821)		

	OVERALL UNCLASSIFIED SUMMARY:				
	Unclassified Excess (Borrow)	CY	(821)		
	Wall Excavation Excess	CY	20		
	Pipe Trench Excess	CY	1,140		
	TOTAL EXCESS (BORROW) =	CY	339		
	î	î			
	TOPSOIL SUMMARY:				
	Strip Volume	CY	908		
	Required Volume -- Assume 6" thick	CY	557		
	EXCESS (BORROW) TOPSOIL =	CY	351		
	Subtotal				

	ITEM	UNIT	QUANT	PRICE	AMOUNT
IV.	TOPSOIL REDISTRIBUTION AREA				
	Redistribute Topsoil -- Assume 6" thick	SY	3,340		
	Seed and Mulch	SY	3,340		
	↑	↑			
Subtotal					
V.	BUILDING EXCAVATION				
	Building Area (For Reference Only)	SF	15,605		
	↑	↑			
Subtotal					
VI.	BLOCK RETAINING WALLS				
	Wall length	LF	100		
	Excavation	CY	40		
	Backfill	CY	20		
	Excess (See Mass Earthwork Overall Summary)	CY	20		
	Face Area (one side), 3.3' height including 2' bury	SF	330		
	Stone behind wall, 12" thick	CY	12		
	↑	↑			
Subtotal					
VII.	SANITARY SEWER				
	Pipe Excavation and Bedding				
	Excavation	CY	770		
	Bedding -- Assume 6" thick and 12" cover	CY	260		
	Select Backfill NOTE: Assume for pipe in existing pavement	CY			
	Common Backfill	CY	490		
	Excess (See Mass Earthwork Overall Summary)	CY	280		
	Services				
	8" x 8" x 6" Sanitary Wye	EA	9		
	Cleanout 4"	EA	9		
	6" PVC Lateral	LF	375		

	ITEM	UNIT	QUANT	PRICE	AMOUNT
	Pipe				
	8" PVC SDR 35 (4'-6' deep)	LF	596		
	8" PVC SDR 35 (4'-6' deep) in Easement West of property	LF	65		
	8" PVC SDR 35 (6'-8' deep) in Easement West of property	LF	300		
	Total =	LF	961		
	Structures				
	Manhole (4'-6' deep)	EA	3		
	Manhole (4'-6' deep) in Easement West of property	EA	1		
	Manhole (6'-8' deep)	EA	1		
	Doghouse Manhole (8'-10' deep) in Easement West of property	EA	1		
	Total =	EA	6		
	î	î			
Subtotal					
VIII.	WATER				
	Pipe Excavation and Bedding				
	Excavation	CY	330		
	Bedding -- Assume 6" thick and 12" cover	CY	120		
	Sand/Cement Select Backfill NOTE: <i>Assume for pipe in existing pavement</i>	CY	10		
	Common Backfill	CY	210		
	Excess (See Mass Earthwork Overall Summary)	CY	120		
	Services				
	Assumed 3/4" Tap and Corporation	EA	9		
	Assumed 3/4" Curb Stop and Box	EA	9		
	Assumed 3/4" Water Service Pipe	LF	375		
	Pipe				
	6" or 8" DIP Class 52	LF	380		
	6" or 8" DIP Class 52 in Basin Road pavement	LF	15		
	Total =	LF	395		

	ITEM	UNIT	QUANT	PRICE	AMOUNT
	Valves				
	6" Gate Valve and Box	EA	1		
	6" x 6" x 8" Tapping Sleeve and Valve <i>NOTE: No details provided for connection to existing 8" Watermain</i>	EA			
	Wet Tap	EA			
	Hydrants				
	Fire Hydrants	EA	1		
	Testing and Sterilization				
	Flushing and Testing	LF	395		
	Chlorination	LF	395		
	∑	∑			
Subtotal					
IX.	STORM SYSTEM				
	Pipe Excavation and Bedding				
	Excavation	CY	1,160		
	Bedding -- Assume 6" thick and 12" cover	CY	530		
	Sand/Cement Select Backfill <i>NOTE: Assume for pipe in existing pavement</i>	CY	100		
	Common Backfill	CY	420		
	Excess (See Mass Earthwork Overall Summary)	CY	740		
	Pipe				
	15" HDPE (0'-4' deep)	LF	650		
	15" HDPE (4'-6' deep)	LF	461		
	24" HDPE (4'-6' deep) in easement west of property	LF	372		
	24" RCP (6'-8' deep) in existing intersection west of site	LF	150		
	Total =	LF	1,633		
	Structures				
	Headwall for 15" Pipe	EA	2		
	Inlets Type "B" (4'-6' deep)	EA	5		
	Inlets Type "E" (0'-4' deep)	EA	1		
	Inlets Type "A" (0'-4' deep)	EA	4		

	ITEM	UNIT	QUANT	PRICE	AMOUNT
	Manholes, 4' diameter (0'-4' deep)	EA	2		
	Manholes, 4' diameter (6'-8' deep) in existing pave west of site	EA	1		
	Doghouse Manholes, assumed (6'-8' deep) in existing intersection west of site	EA	1		
	Total =	EA	16		
	Outlet Structure				
	Outlet Structure (3.8' high) with Trash Rack	EA	1		
	Swales				
	Swale Length (assumed grass)	LF	365		
	î	î			
	Subtotal				
X.	CONCRETE				
	Curb				
	Belgian Block Curb	LF	920		
	Concrete Curb, 8" x 6" x 18" high (along Basin Road)	LF	300		
	Sidewalk				
	Sidewalk, 4" thick	SF	3,670		
	Sidewalk Along Basin Road				
	Sidewalk, 4" thick	SF	1,190		
	Low Flow Channel				
	Length	LF	205		
	Concrete, 4' wide (4" thick)	SF	820		
	Miscellaneous Concrete				
	Handicap Ramps	EA	2		
	î	î			
	Subtotal				

	ITEM	UNIT	QUANT	PRICE	AMOUNT
XI.	PAVEMENT				
	Devon Court				
	Fine Grade and Compact Subgrade	SY	2,110		
	Sub Base Type 5 Class A, _" thick NOTE: <i>If and where directed by Town Engineer</i>	SY	2,110		
	Stabilized Base Course (I-2 mix), 4" thick	SY	2,110		
	FABC-1 Surface Course (I-5 mix), 2" thick	SY	2,110		
	Basin Road Widening				
	Fine Grade and Compact Subgrade	SY	240		
	Sub Base Type 5 Class A, _" thick NOTE: <i>If and where directed by Town Engineer</i>	SY	240		
	Stabilized Base Course (I-2 mix), 6-1/2" thick	SY	240		
	Bituminous Surface Course, 2" thick	SY	240		
	↑	↑			
Subtotal					
XII.	PAVING REMOVAL AND REPLACEMENT FOR UTILITIES				
	Temporary Pavement				
	Install and Remove Temporary Paving	SY	110		
	Basin Road				
	Saw Cut Pavement, full depth	LF	30		
	Saw Cut Pavement, trim back	LF	30		
	Pavement Removal, Assume 6' wide	SY	10		
	Fine Grade and Compact Subgrade	SY	10		
	Sub Base Type 5 Class A, _" thick NOTE: <i>If and where directed by Town Engineer</i>	SY	10		
	Stabilized Base Course (I-2 mix), 6" thick	SY	10		
	Bituminous Surface Course, 2" thick	SY	10		

	ITEM	UNIT	QUANT	PRICE	AMOUNT
	Intersection West of Site				
	Saw Cut Pavement, full depth	LF	300		
	Saw Cut Pavement, trim back	LF	300		
	Pavement Removal, Assume 6' wide	SY	100		
	Fine Grade and Compact Subgrade	SY	100		
	Sub Base Type 5 Class A, _" thick NOTE: <i>If and where directed by Town Engineer</i>	SY	100		
	Stabilized Base Course (1-2 mix), 6" thick	SY	100		
	Bituminous Surface Course, 2" thick	SY	100		
	↑	↑			
Subtotal					
XIII.	SIGNS				
	Stop Sign (R1-1)	EA	1		
	↑	↑			
Subtotal					
XIV.	LANDSCAPE PLANTING				
	Virginia Sweetspire, 18" to 24" spread.	EA	18		
	Sweetbay Magnolia, 6' to 8' ht.	EA	3		
	Blue Atlas Cedar, 6' to 8' ht.	EA	4		
	White Pine, 6' to 8' ht.	EA	10		
	Sweetgum, 2-1/2" to 3" cal.	EA	5		
	Sugar Maple, 2-1/2" to 3" cal.	EA	20		
	Greenspire Brand White Ash, 2-1/2" to 3" cal.	EA	9		
	↑	↑			
Subtotal					
	TOTAL				

Your Job	INPUTS			EXCAVATION			BEDDING				BACKFILL			
	Length	Avg Depth	Pipe Dia	Trench Limits per side	Trench Width	Excavate Volume	Under Pipe	% pipe cover	cover	Bed Vol	Pipe Vol	Select Backfill	Com'n B'fill	Excess
Your County, Your State	LF	FT	IN	IN	FT	CY	IN	%	IN	CY	CY	CY	CY	CY
Prepared: 5/25/2007														
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I. SANITARY SEWER PIPE EXCAVATION														
6" PVC Lateral	375	4.0	6"	12.0"	2.50	139	6"	100%	12"	67	3	0	69	70
8" PVC SDR 35 (4'-6' deep)	596	6.0	8"	12.0"	2.67	354	6"	100%	12"	120	8	0	226	128
8" PVC SDR 35 (4'-6' deep) in Easement West of property	65	6.0	8"	12.0"	2.67	39	6"	100%	12"	13	1	0	25	14
8" PVC SDR 35 (6'-8' deep) in Easement West of property	300	8.0	8"	12.0"	2.67	237	6"	100%	12"	60	4	0	173	64
î	0	0.0	0"	12.0"	2.00	0	6"	100%	12"	0	0	0	0	0
Excavation	769	CY				769				260	16	0	493	276
Bedding	260	CY												
Select Backfill	0	CY												
Common Backfill	493	CY												
Excess	276	CY												

Your Job	INPUTS			EXCAVATION			BEDDING				BACKFILL			
	Length	Avg Depth	Pipe Dia	Trench Limits per side	Trench Width	Excavate Volume	Under Pipe	% pipe cover	cover	Bed Vol	Pipe Vol	Select Backfill	Com'n B'fill	Excess
	LF	FT	IN	IN	FT	CY	IN	%	IN	CY	CY	CY	CY	CY
II. WATER PIPE EXCAVATION														
Assumed 3/4" Water Service Pipe	375	4.0	0.75"	12.0"	2.06	114	6"	100%	12"	45	0	0	69	45
6" or 8" DIP Class 52	380	6.0	6"	12.0"	2.50	211	6"	100%	12"	68	3	0	140	71
6" or 8" DIP Class 52 in Basin Road pavement	15	6.0	6"	12.0"	2.50	8	6"	100%	12"	3	0	5	0	8
∩	0	0.0	0"	12.0"	2.00	0	6"	100%	12"	0	0	0	0	0
Excavation	333	CY				333				116	3	5	209	124
Bedding	116	CY												
Select Backfill	5	CY												
Common Backfill	209	CY												
Excess	124	CY												

	Your Job	INPUTS			EXCAVATION			BEDDING				BACKFILL			
		Length	Avg Depth	Pipe Dia	Trench Limits per side	Trench Width	Excavate Volume	Under Pipe	% pipe cover	cover	Bed Vol	Pipe Vol	Select Backfill	Com'n B'fill	Excess
		LF	FT	IN	IN	FT	CY	IN	%	IN	CY	CY	CY	CY	CY
III.	STORM PIPE EXCAVATION														
	15" HDPE (0'-4' deep)	650	4.0	15"	12.0"	3.25	313	6"	100%	12"	186	30	0	97	216
	15" HDPE (4'-6' deep)	461	6.0	15"	12.0"	3.25	333	6"	100%	12"	132	21	0	180	153
	24" HDPE (4'-6' deep) in easement west of property	372	6.0	24"	12.0"	4.00	331	6"	100%	12"	150	43	0	138	193
	24" RCP (6'-8' deep) in existing intersection west of site	150	8.0	24"	12.0"	4.00	178	6"	100%	12"	60	17	101	0	178
	∩	0	0.0	0"	12.0"	2.00	0	6"	100%	12"	0	0	0	0	0
	Excavation	1155	CY				1155				528	111	101	415	740
	Bedding	528	CY												
	Select Backfill	101	CY												
	Common Backfill	415	CY												
	Excess	740	CY												

sheet	WALL LENGTH		ELEVATIONS			WALL HEIGHT			FACE	CUT/FILL DEPTHS			EXCAVATION			COMMON BACKFILL		
	station	length	top of wall	bottom of wall	existing ground	above ground	bury	Total height	Face area	Cut or fill	depth of cut	depth of fill	from face	side-slope	Volume	wall thick	stone thick	Volume
	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(SF)	(TEXT)	(FT)	(FT)	(FT)	(FT)	(CY)	(IN)	(IN)	(CY)
										<i>(including bury)</i>			<i>(within excavated area only)</i>					
Your Job																		
Your Township																		
Your County, Your State																		
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Wall Location: Block Wall for Grade Separation																		
	0+00	0.00	58.50	57.80	57.80	0.70	2.00	2.70	0.00	Cut	2.00	0.00	3.00	2.0H:1V	0.00	24"	12"	0.00
	0+25	25.00	59.00	57.80	57.80	1.20	2.00	3.20	73.75	Cut	2.00	0.00	3.00	2.0H:1V	9.26	24"	12"	3.70
	0+45	20.00	59.50	57.80	57.80	1.70	2.00	3.70	69.00	Cut	2.00	0.00	3.00	2.0H:1V	7.41	24"	12"	2.97
	0+80	35.00	59.00	57.80	57.80	1.20	2.00	3.20	120.75	Cut	2.00	0.00	3.00	2.0H:1V	12.96	24"	12"	5.18
	1+00	20.00	59.00	57.80	57.80	1.20	2.00	3.20	64.00	Cut	2.00	0.00	3.00	2.0H:1V	7.41	24"	12"	2.97
		100.00				3.28	avg. height	328							37			15
	TOTALS =	100.00				3.28	avg. height	328							37			15