



## SOIL SURVEY COST ESTIMATE SUMMARY WORKSHEET

CATEGORY	COST
GDOT Project Number & P.I.	
GDOT Project Name	
Personnel	\$0
Field, Lab, Subconsultants & Misc. Services	\$0
Specialty Field, Lab, Subconsultants & Misc. Services	\$0
<b>PROJECT TOTAL</b>	<b>\$0</b>

### Project Notes & Assumptions:

1. This project includes (provide project description, including length of alignment, if it is new alignment or widening, etc.)  
Discuss access (private property owners, clearing, etc.)
2. Provided profiles indicate that cut and fill depths between Stations ----- and ----- are minimal (less than 3 feet). Cuts of up to ---- feet and fills of up to ---- feet will be required between Stations ----- and -----.
3. ---- borings (--- feet) are planned in cut sections, --- borings (--- feet) are planned in fill sections and -- borings (--- feet) are planned for at grade sections. It has been assumed that either proposed R.O.W. or centerline alignment will be field staked by others prior to our mobilization on-site.
4. Site restoration costs included herein are to place seed, straw, silt fencing, etc., as required to meet the state's requirements for stormwater runoff control. No monies have been included for property owner compensation resulting from damages caused by our actions (i.e. payment for trees removed to gain access to boring locations).
5. Boreholes will be backfilled with soil cuttings from the drilling process. No grouting has been budgeted.
6. No monies have been included for overtime work associated with completion of field services. If field services (drilling) is required outside normal business hours because M.O.T. or other issues, then a premium charge will be incurred and invoiced for.
7. M.O.T. will be required for --- borings along the transition from the existing roadway to new alignments and for the addition of the passing/additional lanes. M.O.T. will include shoulder/outside lane/inside lane closure only.
8. Utility clearance in conjunction with our field activities will be limited to contacting the state line location service and local utilities, requesting that they mark any buried utilities in the field prior to our mobilization.
9. Coordination with --- properties owners will be required to gain site access and many other adjoining property owners will need to be made aware of our activities.
10. There are --- apparent culverts or stream crossings along the alignment requiring sampling & testing for corrosivity.
11. Any borings completed in historical areas or wetlands requiring special permits, oversight, etc. include only the costs for our standard services for completion of the drilling. All other costs (i.e. archeologists, permitting, etc.) have not been included.
- 12.
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**Company Name Here**

**Company Address & Proposal/Project Number Here**

**SOIL SURVEY PERSONNEL HOUR ESTIMATE WORKSHEET**

GDOT Project Number & P.I.  
GDOT Project Name

NO.	TASK DESCRIPTION	PROJECT MANAGER	CHIEF or PRINCIPAL ENGINEER	PROJECT or SENIOR ENGINEER	FIELD ENGINEER/ GEOLOGIST	SENIOR TECH or Engr Aide	TECHNICIAN	CADD TECHNICIAN	CLERICAL	Position TBD	TASK TOTALS
<b>I</b>	<b>GENERAL</b>										
IA	SITE VISITS										0.0
IB	PROJECT MANAGEMENT, INVOICING, SCHEDULING & COORDINATING SUBCONTRACTOR ACTIVITIES										0.0
IC	PROJECT TEAM MEETINGS & CONSULTATION										0.0
ID	MUTCD PLAN PREPARATION / PERMIT										0.0
IE											0.0
<b>II</b>	<b>FIELD &amp; OFFICE</b>										
IIA	PRELIMINARY SOIL SURVEY										0.0
IIB	UTILITY LOCATE & GAINING SITE ACCESS										0.0
IIC	PROPERTY OWNER COORDINATION										0.0
IID	BORING LAYOUT (FIELD)										0.0
IIE	SOIL LOGGING/CLASSIFICATION & DRILL CREW SUPERVISION										0.0
IIF	GROUNDWATER READINGS										0.0
IIG	INSTALLATION OF EROSION CONTROL and/or LIMITED SITE RESTORATION										0.0
IIH	BORING BACKFILL										0.0
III	UNSUITABLE MATERIALS INVESTIGATION										0.0
IJJ	TRAVEL TO & FROM SITE for PERSONNEL										0.0
IIK	SAMPLE TRANSPORT TO LABORATORY (unless concurrent with weekly travel to & from site)										0.0
IIIL	LABORATORY ASSIGNMENT & BORING LOG REVIEW										0.0
IIIM	FIELD BOOK DATA REVIEW & PLAN PREPARATION										0.0
IIIN	ENGINEERING ANALYSIS & DESIGN										0.0
IIIO	REPORT PREPARATION										0.0
IIIP	DRAFT REPORT PUBLISHING										0.0
IIIQ	REPORT REVISIONS										0.0
IIIR	COMPILE FINAL REPORT										0.0
IIIS	QA/QC										0.0
IIIT											0.0
IIIU											0.0
IIIV											0.0
	<b>PERSONNEL TOTALS</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

PERSONNEL SUMMARY			
PERSONNEL CLASSIFICATION	EST. HOURS	Avg. PAY RATE	COST(\$)
PROJECT MANAGER	0.0		\$0
CHIEF or PRINCIPAL ENGINEER	0.0		\$0
PROJECT or SENIOR ENGINEER	0.0		\$0
FIELD ENGINEER/GEOLOGIST	0.0		\$0
ENGINEER'S AIDE/SENIOR TECHNICIAN	0.0		\$0
TECHNICIAN	0.0		\$0
CADD TECHNICIAN	0.0		\$0
CLERICAL	0.0		\$0
Position TBD	0.0		\$0
<b>TOTAL HOURS</b>	<b>0.0</b>	<b>TOTAL COSTS</b>	<b>\$0</b>
OVERHEAD (INDIRECT COST ON LABOR ABOVE)			
LABOR X OVERHEAD RATE = OVERHEAD			\$0
TOTAL DIRECT LABOR PLUS OVERHEAD			\$0
OTHER DIRECT COSTS (SPECIFY)			
<b>MATERIALS &amp; TRAVEL</b>			
REPRODUCTION COSTS (Estimated)			\$0
PERSONNEL PER DIEM (per person/day)			\$0
MILEAGE (per mile)			\$0
			\$0
			\$0
<b>TOTAL OTHER DIRECT COSTS</b>			<b>\$0</b>
<b>TOTAL ESTIMATED COSTS</b>			<b>\$0</b>
<b>PROFIT ON LABOR PLUS OVERHEAD</b>		<b>10.00%</b>	<b>\$0</b>
<b>ESTIMATED COSTS (EXCLUDING FIELD &amp; LAB)</b>			<b>\$0</b>

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**SOIL SURVEY FIELD, LABORATORY, SUBCONSULTANT & MISC. COST ESTIMATE WORKSHEET**

GDOT Project Number & P.I.

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No.	ITEM	UNIT	FIELD		
			EST. NO OF UNITS	UNIT RATE	COST
IA	MOBILIZATION, PER RIG	each			\$0
IB	DRILL CREW PER DIEM, TWO MAN CREW	day			\$0
IC	DRILL CREW PER DIEM, ONE MAN CREW	day			\$0
ID	AUGER BORINGS	foot			\$0
IE	Piezometer (Slotted Pipe)	foot			\$0
IF	Core or Rotary Drilling Setup	each			\$0
IG	NQ ROCK CORING	foot			\$0
IH	Temporary Casing	foot			\$0
II	SOIL SUPPORT SAMPLES	each			\$0
IJ	810.01 Series Samples	each			\$0
IK	SPT SAMPLES (FOR SOIL SURVEY CUT SECTIONS IN CONJUNCTION W/ AUGER BORINGS)	each			\$0
IL	SHELBY TUBE SAMPLES	each			\$0
IM	DRILL CREW STANDBY/DELAY/DIFFICULT MOVING	hour			\$0
IN	SITE RESTORATION	hour			\$0
IO	DRILLING THROUGH CONCRETE, PER CORE	each			\$0
IP	WATER HAULING	hour			\$0
IQ	PATCHING PAVEMENT at GRADE	each			\$0
IR	Unsuitable Materials Investigation	foot			\$0
IS	Additional Mobilization (beyond 50 mile radius)	mile			\$0
IT	SPT Borings	foot			\$0
IU					\$0
IV					\$0
IW					\$0
<b>TOTAL DRILLING COSTS</b>					<b>\$0</b>
LABORATORY					
No.	ITEM	UNIT	EST. NO OF UNITS	UNIT RATE	COST
IIA	810.01 SERIES TESTING	each			\$0
IIB	USCS TESTS	each			\$0
IIC	CBR, SOIL SUPPORT	each			\$0
IID	TRIAxIAL SHEAR	each			\$0
IIE	CONSOLIDATION	each			\$0
IIF	CORROsIVITY SERIES	each			\$0
IIG	NATURAL MOISTURE CONTENT	each			\$0
IIH	ORGANIC CONTENT	each			\$0
III					\$0
IIJ					\$0
IIK					\$0
IIIL					\$0
<b>TOTAL LABORATORY COSTS</b>					<b>\$0</b>
OTHER DIRECT COSTS (SPECIFY)					
No.	ITEM	UNIT	EST. NO OF UNITS	UNIT RATE	COST
IIIA	TRAVEL (MOT Personnel)	mile			\$0
IIIB	DOZER FOR CLEARING TO BORING LOCATIONS	hour			\$0
IIIC	EROSION CONTROL (Materials & Trenching)	lineal foot			\$0
IIID	LIMITED SITE RESTORATION in CLEARED or DISTURBED AREAS	Materials Costs @ Actual			\$0
IIIE	TRAFFIC CONTROL	hour			\$0
IIIF	Per Diem (MOT Personnel)	day			\$0
IIIG					\$0
IIIH					\$0
IIII					\$0
IIIJ					\$0
<b>TOTAL OTHER DIRECT COSTS of SUBCONSULTANTS &amp; MISC. SERVICES</b>					<b>\$0</b>
<b>TOTAL ESTIMATED FIELD, LABORATORY, SUBCONSULTANT &amp; MISC. SERVICES COSTS</b>					<b>\$0</b>

**NOTE:**

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Company Name Here

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**SPECIALTY FIELD, LABORATORY, SUBCONSULTANT & MISC. COST ESTIMATE WORKSHEET**

GDOT Project Number & P.I.  
GDOT Project Name

Misc Services (As Required, See Assumptions)						
NO.	ITEM	UNIT	EST. NO OF UNITS	UNIT RATE	COST	COMMENTS
IA	MOBILIZATION of SPECIALTY DRILL, PER RIG	each			\$0	Specify type of rig (ATV, Marsh Buggy, Low Headroom Rig, etc.)
IB	MOBILIZATION of SPECIALTY SUPPORT EQUIPMENT	each			\$0	Specify type of equipment
IC	TIME RATE DRILLING & SETUP FOR CONFINED SPACES, OVER WATER, SPECIALTY In-Situ FIELD	crew hour			\$0	Specify # in Crew
ID	BARGE (for drilling over water)	hour			\$0	If Rental, list as a direct expense
IE	WORK BOAT	days			\$0	If Rental, list as a direct expense
IF	EQUIPMENT CHARGE (PACKERS, PRESSUREMETER, DILATOMETER, ETC.)	hour			\$0	Specify Equipment: Note, if rental charge must be shown as a direct expense
IG	SOIL TEST BORINGS below 100 feet in depth	feet			\$0	Specify depth range
IH	HQ ROCK CORING	feet			\$0	
II	GROUTING of BOREHOLES	feet			\$0	
IJ	TRAINING OF FIELD PERSONNEL DUE TO SPECIAL SITE REQUIREMENTS	hour			\$0	Specify requirements and by who this is required
IK	CASING ADVANCER (drilling thru debris, rubble fill or boulders)	feet			\$0	
IL	SEISMIC REFRACTION CREW (Personnel only)	crew hour			\$0	
IM	TIME RATE DECON FOR ENVIRONMENTAL PURPOSES	hour			\$0	
IN	GROUND PENETRATING RADAR (GPR)	hour			\$0	
IO	UNSUITABLE MATERIALS INVESTIGATION	feet			\$0	
IP	WATER TRUCK	days			\$0	
IQ					\$0	
IR					\$0	
IS					\$0	
IT					\$0	
IU					\$0	
IV					\$0	
IW	UNSUITABLE MATERIALS INVESTIGATION	hour			\$0	
<b>TOTAL DRILLING COSTS</b>					<b>\$0</b>	
LABORATORY						
NO.	ITEM	UNIT	EST. NO OF UNITS	UNIT RATE	COST	COMMENTS
IIA					\$0	
IIB					\$0	
IIC					\$0	
IID					\$0	
IIIE					\$0	
IIIF					\$0	
IIIG					\$0	
IIIH					\$0	
IIi					\$0	
<b>TOTAL LABORATORY COSTS</b>					<b>\$0</b>	
OTHER DIRECT COSTS (SPECIFY)						
NO.	ITEM	UNIT	EST. NO OF UNITS	UNIT RATE	COST	COMMENTS
IIIA	TRAVEL	mile			\$0	Specify for whom
IIIB	DOZER or OTHER EQUIPMENT FOR GAINING BORING ACCESS	hour			\$0	
IIIC	CRANE RENTAL	hour			\$0	
IIID	DECON UNIT, GENERATOR or CORE MACHINE	days			\$0	Specify
IIIE	TRAFFIC CONTROL	days			\$0	
IIIF	PER DIEM (SEE ASSUMPTIONS)	per person/day			\$0	
IIIG	OTHER SITE SAFETY REQUIREMENTS	each			\$0	Specify
IIIH	PERMITS or BONDS	each			\$0	Specify
IIi	SPECIALTY FIELD EQUIPMENT	days			\$0	Specify Type
IIJ	PERSONAL PROTECTIVE EQUIPMENT FOR ENVIRONMENTAL DRILLING	each			\$0	
IIK					\$0	
IIIL					\$0	
IIIM					\$0	
<b>TOTAL OTHER DIRECT COSTS</b>					<b>\$0</b>	
<b>TOTAL ESTIMATED FIELD AND LABORATORY COSTS</b>					<b>\$0</b>	

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Company Name Here

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