

## **Appendix III–4 Lab Equipment Matrices**

### III-4 Appendices: Lab Equipment Matrices

**TABLE OF CONTENTS**

DEPT. #	DEPARTMENT
2.0	DISTRICT 6
2.1	TRAFFIC INSTRUMENTATION
2.2	METAL AND MISCELLANEOUS PRODUCTS
2.3	NUCLEAR
2.4	CONCRETE
2.5	CEMENT
2.6	SOILS
2.7	CHEMISTRY (Instrument, Bituminous, Analytical Lab)
2.8	HOT MIX ASPHALT (HMA)
2.9	AGGREGATE

**LEGEND**

Text	LEGEND
Light Grey highlighted	Storage/ Table/ etc.

**Note:** All information filled in in the equipment matrix supersedes any information in the Survey Sheets. Survey Sheets are mainly to document what the equipment looks like.

**IDOT EQUIPMENT MATRIX  
1.1 DISTRICT 6**

\* SEE EQUIPMENT MATRIX TABLE OF CONTENTS FOR LEGEND

IDENTIFICATION							LOCATION AND QUANTITY							DIMENSIONS, MOUNTING				ELECTRICAL & DATA										PLUMBING			SERVICES			ENV		OTHER	REMARKS										
ILDOT EQUIP ID	SURVEY SHEET	TYPE TAG	CUT SHEET	EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL NO.	FUTURE ROOM NAME	EXISTING ROOM NAME	EXISTING ROOM NUMBER	OFOI/OFCI/CFCI	EXISTING TO BE RELOCATED	EXISTING TO REPLACE	EXISTING TO DISCARD	PROPOSED NEW PURCHASE	PROPOSED FUTURE PURCHASE	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)	MOUNTING	# OF OUTLETS	DEDIC. CIRCUITS	UPS	HARD WIRE / PLUG	VOLT	AMP	WATTS	PHASE - SINGLE UNO	EMERGENCY POWER	HAS LOCAL UPS	HAS A DISCONNECT BOX	DATA CONN.	WATER NEEDS	DRAIN	COMP. AIR	VACUUM	NITROGEN O2		OTHER GASES	EXHAUST	VIBRATION PLATFORM	GC TO VERIFY ALL ELEC. DATA, PLUMB. SERVICES, & ENV. CRITERIA IN FIELD						
	<a href="#">Survey Sheet</a>	DAG-05	cant find	Agg Washer	Rainhart	Ploog; W600-5088544	1.11.1 Open Lab - Agreggate	Lab Room 2	Lab Room 2	OFCI	1					33	36	31	Sink	1			Plug	110	1					-		x	x							X		X	Sludge trap; EXHAUST -- DUST COLLECTION				
	not surveyed?	DAG-08	<a href="#">Cutsheet</a>	Gilson Splitter	GILSON	SP-1	1.11.1 Open Lab - Agreggate	Lab Room 1	Lab Room 1	OFOI	1					28.5	20	38	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X			EXHAUST -- SNORKEL				
	<a href="#">Survey Sheet</a>	DAG-06	<a href="#">Cutsheet</a>	Line of (9) Hotplates	Thermolyne	2200	1.11.1 Open Lab - Agreggate	Lab Room 1	Lab Room 1	OFOI	1					138	-	-	B	1	X		Plug	110	13	1600			-	-	-	-	-	-	-	-	-	-	-	-	X			Line of 10 Hotplates on a table or bench EXHAUST -- DUST COLLECTION			
	<a href="#">Survey Sheet</a>	DS-01	<a href="#">Cutsheet</a>	230 Oven	Quincy Lab	21-350-ER-1	1.11.4 Open Lab - Soils	Soils Lab	Soils Lab	OFOI	1					33	37	24	B	1	X		Plug	230	10	2200			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	<a href="#">Survey Sheet</a>	DAG-04	<a href="#">Cutsheet</a>	Auto Sifter	Gilson	TM-5	1.12 Aggregate Isolation Room	Metal Shed	Metal Shed	OFOI	1					26.5	32	49.5	F	1	-		Plug	110	7	-	-			-	-	-	-	-	-	-	-	-	-	-	-	X			EXHAUST -- DUST COLLECTION		
	<a href="#">Survey Sheet</a>	DHMA-06	<a href="#">Cutsheet</a>	Hamburg Wheel Tracker/computer	Hamburg Troxler	PMW Serial 4 WT00284	1.23.1 Open HMA Lab - Hamburg Wheel	Lab Room 1	Lab Room 1	OFOI	1					80	72	97	F	1			HW	208/230			3		x	X	x	x	x	x	-	-	-	-	-	-	-	-	X			Height Demension Includes Hoist 300LB COFFING HOIST ATTACHED, POWER IN CEILING FOR HOIST cold water Drain s14 in (355.6 mm) from floor Air (90-120PSI)	
	future	DHMA-07	<a href="#">Cutsheet</a>	Hamburg Wheel Tracker/computer	Hamburg Troxler	PMW Serial 4 WT00284	1.23.1 Open HMA Lab - Hamburg Wheel	-	-	OFOI					1	80	72	97	F	1			HW	208/230			3		x	X	x	x	x	x	-	-	-	-	-	-	-	-	-			Height Demension Includes Hoist 300LB COFFING HOIST ATTACHED, POWER IN CEILING FOR HOIST cold water Drain s14 in (355.6 mm) from floor Air (90-120PSI)	
	<a href="#">Survey Sheet</a>	DHMA-08	<a href="#">Cutsheet</a>	Gyratory Compactor w/ Printer	Troxler	4140	1.23.4 Open HMA Lab - Mixture Prep	Lab Room 1	Lab Room 1	OFOI	1					32	34	86	F	2	X		Plug	110	15	-			-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-			CLEARANCES: FRONT 57", TO TABLE 36", SIDE 15"
	<a href="#">Survey Sheet</a>	DHMA-09	<a href="#">Cutsheet</a>	Gyratory Compactor w/ Printer	Troxler	5850	1.23.4 Open HMA Lab - Mixture Prep	Lab Room 1	Lab Room 1	OFOI	1					27	33	69	F	2	X		Plug	110	12	-			-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<a href="#">Survey Sheet</a>	DHMA-10	<a href="#">Cutsheet</a>	TSR Load Frame/digital indicator	Karol Warner	10,000lb 2"/minute strain rate; frame loader model 7690	1.23.5 Open HMA Lab - TSR	Lab Room 1	Lab Room 1	OFOI	1					18	27	39	B	1			Plug	120					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<a href="#">Survey Sheet</a>	DHMA-11	<a href="#">Cutsheet</a>	IFIT w/ computer - LAB	Testquip	IFIT	1.23.2 Open HMA Lab - I-FIT	Lab Room 1	Lab Room 1	OFOI	1					31.5	20	58	Cart	1			Plug	110					-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<a href="#">Survey Sheet</a>	DHMA-12	<a href="#">Cutsheet</a>	20" Wet Saw	Norton	Clipper Blockbuster Compact (BBL 99884)	1.14 HMA Isolation Room	Lab Room 2	Lab Room 2	OFOI	1					24	58	68	F	1	X		Plug	220					-	-		X	X	-	-	-	-	-	-	-	-	-	X			WATER -- handfilled DRAIN -- drain to floor sink	
	<a href="#">Survey Sheet</a>	DHMA-13	<a href="#">Cutsheet</a>	10" Wet Saw	Florcraft	709-3930	1.14 HMA Isolation Room	Lab Room 2	Lab Room 2	OFOI	1					24	40	47	F	1	X		Plug	110	10	-			-	-		X	X	-	-	-	-	-	-	-	-	-	X			Preferably Near Water WATER -- handfilled DRAIN -- drain to floor sink	
B17062	<a href="#">Survey Sheet</a>	DHMA-14	can't find	Electric Water Bath(large)	Blue M	Magnawhirl (MW-1140A-1)	1.23.5 Open HMA Lab - TSR	Lab Room 1	Lab Room 1	OFOI		1				20	44	18	B	1	X		Plug	120	23	2750			-	-		X	X	-	-	-	-	-	-	-	-	-	X			WATER -- HANDFILLED DRAIN -- TO SINK OR CONTAINER 37" TOP CLEARANCE, 19" BENCHTOP	
	<a href="#">Survey Sheet</a>	DHMA-15	can't find	Electric Water Bath(small)	Blue M	Magnawhirl; (MW-1120A-1)	1.23.5 Open HMA Lab - TSR	Lab Room 2	Lab Room 2	OFOI		1				18	30	17	B	1	X		Plug	120	-	1600			-	-		X	X	-	-	-	-	-	-	-	-	-	X			WATER -- HANDFILLED DRAIN -- TO SINK OR CONTAINER	



**IDOT EQUIPMENT MATRIX  
1.1 DISTRICT 6**

IDENTIFICATION							LOCATION AND QUANTITY							DIMENSIONS, MOUNTING				ELECTRICAL & DATA										PLUMBING	SERVICES	ENV	OTHER	REMARKS														
ILDOT EQUIP ID	SURVEY SHEET	TYPE TAG	CUT SHEET	EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL NO.	FUTURE ROOM NAME	EXISTING ROOM NAME	EXISTING ROOM NUMBER	OFOI/OFCI/CFCI	EXISTING TO BE RELOCATED	EXISTING TO REPLACE	EXISTING TO DISCARD	PROPOSED NEW PURCHASE	PROPOSED FUTURE PURCHASE	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)	MOUNTING	# OF OUTLETS	DEDIC. CIRCUITS	UPS	HARD WIRE / PLUG	VOLT	AMP	WATTS	PHASE - SINGLE UNO	EMERGENCY POWER	HAS LOCAL UPS	HAS A DISCONNECT BOX	DATA CONN.		WATER NEEDS	DRAIN	COMP. AIR	VACUUM	NITROGEN	O2	OTHER GASES	EXHAUST	VIBRATION PLATFORM	GC TO VERIFY ALL ELEC. DATA, PLUMB. SERVICES & ENV. CRITERIA IN FIELD				
B17100	<a href="#">Survey Sheet</a>	DAG-07	<a href="#">Cutsheet</a>	Balance	Mettler	PM-16	1.11.1 Open Lab - Aggregate			OFOI	1					14	13	5	B	1			Plug			8VA			-	-	-	-	-	-	-	-	-	-	-	X	-	Anti-Vibration Table; 38" TO BENCH				
	<a href="#">Survey Sheet</a>	DHMA-04	<a href="#">Cutsheet</a>	Ignition Oven	Thermolyne	F85938	1.24 HMA Extraction/Ignition Room	Lab Room 2	Lab Room 2	OFOI	1					21.5	26	42	B	1	X		Plug	208	28	5757			-												X					
	<a href="#">Survey Sheet</a>	DHMA-05	<a href="#">Cutsheet</a>	Ignition Oven	Thermolyne	F85930	1.24 HMA Extraction/Ignition Room	Lab Room 2	Lab Room 2	OFOI	1					21.5	26	42	B	1	X		Plug	220					-														X			
	<a href="#">Survey Sheet</a>	DS-02	<a href="#">Cutsheet</a>	140 Oven	Precision	Mechanical Convection Oven 28L	1.11.4 Open Lab - Soils	Soils Lab	Soils Lab	OFOI		1				31	27	33	B	1	X		Plug	120	14	1735	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
E06B206043	<a href="#">Survey Sheet</a>	DHMA-19	<a href="#">Cutsheet</a>	Chemical Cabinet	Eagle	1962	1.24 HMA Extraction/Ignition Room	Lab Room 2	Lab Room 2	OFOI	1			1		31.5	34	65.5	F	1	X		HW					-	X	-	-	-	-	-	-	-	-	-	-	X	X	X				
	future	DHMA-23	<a href="#">Cutsheet</a>	Asphalt Analyzer	Infracrest	Asphalt Analyzer	1.24 HMA Extraction/Ignition Room	-	-	OFOI	1			1		50	30	54	F				HW	240	7000W	3			X	x	x	x									X	-	X	The Asphalt Analyzer is connected to power using the transformer DHMA-23a. The transformer converts building power to the type utilized by the Analyzer.		
	newly added to list -- not surveyed	DHMA-23a	cant find	Transformer	Johnson	J15867	1.24 HMA Extraction/Ignition Room	-	-	OFOI	1			1		17	17	22	F				HW	208					X													X				
	newly added to list -- not surveyed	DHMA-23b	<a href="#">Cutsheet</a>	Chiller	Kreyer	Chilly Max 50-M	1.24 HMA Extraction/Ignition Room			OFOI	1					28	32.25	38.5	F		X		HW	230	18		3		X														X			
	<a href="#">Survey Sheet</a>	DS-07	<a href="#">Cutsheet</a>	Auto Tamper	Rainhart; Dayton (motor)	662; motor model # A64S1500000000	1.15 Soils Isolation Room	Soils Lab	Soils Lab	OFOI	1					24	25	72	Block	1			Plug	115	6				-	-	-	-	-	-	-	-	-	-	-	-	X	-	Concrete Block; NOT CONNECTED TO CEILING			
	<a href="#">Survey Sheet</a>	DS-08	<a href="#">Cutsheet</a>	Electric Water Bath/Chiller	Humboldt (bath); AquaEuroUSA (chiller)	H-4239A (bath); MC-1/10 HP (chiller)	1.11.4 Open Lab - Soils	Soils Lab	Soils Lab	OFOI	1					60	21	20	B	2	X		Plug	110	13 & 3				-	-	-	See notes	See notes													Deionized Water Source; Near water, handfilled, drain to sink 13A FOR BATH, 3A FOR CHILLER
	<a href="#">Survey Sheet</a>	DS-09	<a href="#">Cutsheet</a>	Balance on AVT	Mettler	PM-16	1.11.4 Open Lab - Soils	Soils Lab	Soils Lab	OFOI	1					14	13	5	AVT	1			Plug	110	1	8VA			-	-	-	-	-	-	-	-	-	-	-	X	-	Anti-Vibration table				
	<a href="#">Survey Sheet</a>	DS-10	<a href="#">Cutsheet</a>	Balance Station w/ Balances on AVTs	METTLER & ELE International	Mettler PB153; ELE CL-205	1.11.4 Open Lab - Soils	Soils Lab	Soils Lab	OFOI	1					76	32	34	B	2	-	-	Plug	110	1				-	-	-	-	-	-	-	-	-	-	-	X	-	Anti Vibration Pads on bench				
	<a href="#">Survey Sheet</a>	DC-01	<a href="#">Cutsheet</a>	Compression Machine	ELE International	CT-7251	1.11.6 Open Lab - Concrete	Concrete Room	Concrete Room	OFOI	1					35	21.25	57	F/B	2			Plug	110					-	-	-	-	-	-	-	-	-	-	-	-	X	-	Concrete Block			
	<a href="#">Survey Sheet</a>	DC-02	NA	Curing Tank	Behlen	300 Gal	1.11.6 Open Lab - Concrete	Concrete Room	Concrete Room	OFOI	1					99	45	24	F	1			Plug	110					-	-	x	x	-	-	-	-	-	-	-	-	-	X		ACCESS TO WATER & FLOOR DRAIN		
	future	DC-03	NA	Curing Tank	-	-	1.11.6 Open Lab - Concrete	Concrete Room	Concrete Room	OFOI				1		99	45	24	F	1			Plug	110					-	-	x	x	-	-	-	-	-	-	-	-	-	-	-		ACCESS TO WATER & FLOOR DRAIN	
	<a href="#">Survey Sheet</a>	DC-04	NA	Curing Tank	Applegate	IDEAL	1.11.6 Open Lab - Concrete	Concrete Room	Concrete Room	OFOI	1					95	24.5	27	F	1			Plug	110					-	-	x	x	-	-	-	-	-	-	-	-	-	X		ACCESS TO WATER & FLOOR DRAIN		
	<a href="#">Survey Sheet</a>	DC-05	<a href="#">Cutsheet</a>	Balance	Ohaus	Defender 3000	1.11.6 Open Lab - Concrete	Concrete Room	Concrete Room	OFOI	1					16	16	20	B	1	-		Plug	110					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
E06B206045	<a href="#">Survey Sheet</a>	DHMA-20		Fume Hood	Labconco	-	1.23 Open HMA Lab	Lab Room 2	Lab Room 2	OFCI		x		x		70.5	31	60	B																											
E06B206044	<a href="#">Survey Sheet</a>	DHMA-21		Fume Hood w/ hotplate and Centrifuge Extractor inside	Labconco (Fume Hood); Corning (Hot Plate), Gilson (Centrifuge Extractor)	70703 (Fume Hood); PC-100 (Hot Plate); HM-807 (Centrifuge Extractor)	1.23 Open HMA Lab	Lab Room 2	Lab Room 2	CFCI			X			70.5	31	60	B																											
	<a href="#">Survey Sheet</a>	DEC-03	NA	Workbench	NA	NA	1.13 Repair Isolation Room	Storage Room 3	Storage Room 3	OFOI		1		1		56.5	54	36.5	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		Near Electric, confirm quantity	
	future	DHMA-22		Fume Hood			1.23 Open HMA Lab	Lab Room 2	Lab Room 2	CFCI			x	x		70.5	31	60	B																											
	<a href="#">Survey Sheet</a>	DN-01	<a href="#">Cutsheet</a>	Nuclear Density Gage	TROXLER & ??	3440 (TROXLER) & ??	1.16 Nuclear Storage	Trailer	Trailer	OFOI	12					9	15	25	F	1			Plug	120					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		15 Gages Stored on the floor with accessories and 1 plug for every 2
	<a href="#">Survey Sheet</a>	DN-02	NA	NDG Case	TROXLER & ??	NA	1.16 Nuclear Storage	Trailer	Trailer	OFOI	12					30	20	36	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		Some gauges out for site work - confirm max quantity	

**IDOT EQUIPMENT MATRIX  
2.1 TRAFFIC INSTRUMENTATION  
PAGE UPDATED FOR RFP AMENDMENT**

\* SEE THE EQUIPMENT MATRIX TABLE OF CONTENTS FOR THE LEGENDS

IDENTIFICATION					LOCATION AND QUANTITY						DIMENSIONS, MOUNTING				ELECTRICAL & DATA								PLUMBING		ENV		REMARKS													
TYPE TAG	TEXT TAG	SURVEY SHEET	EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL NO.	NEW ROOM NAME	EXISTING ROOM NAME	EXISTING ROOM NUMBER	OFOI/ OFCI/ CFCI	EXISTING TO BE RELOCATED	EXISTING TO REPLACE	EXISTING TO DISCARD	PROPOSED NEW PURCHASE	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)	MOUNTING	# OF OUTLETS	DEDIC. CIRCUITS	UPS	HARD WIRE / PLUG	VOLT	AMP	WATTS	PHASE - SINGLE UNO	EMERGENCY POWER		HAS LOCAL UPS	HAS A DISCONNECT BOX	DATA CONN.	WATER NEEDS	DRAIN	STEAM	COMP. AIR	VACUUM	EXHAUST	VIBRATION PLATFORM	GC TO VERIFY ALL ELEC. DATA, PLUMB. SERVICES & ENV. CRITERIA IN FIELD		
TF-01			Workbench / ATR test and calibrate	Lista	NA	Open Lab			OFCI	X				240	30	35	F	30				120							x										Main testing area for all traffic count equipment COMPRESSED AIR - 120 PSI. PROVIDED BY BUILDING SUPPLY.	
TF-01A			Power Supply			Open Lab			OFOI	X																														
TF-01B			ATR test/cal rack unit			Open Lab			OFOI	X																														
TF-02			Workbench / Solder-rework PCB's	Lista		Open Lab - Soldering and Open Lab - Rework			OFCI	X				132	30	35	F	15				120						x											COMPRESSED AIR - 120 PSI. PROVIDED BY BUILDING SUPPLY.	
TF-02A			Pace Rework Station			Open Lab - Rework			OFOI	X																														
TF-03			Workbench / Assembly	Lista		Open Lab			CFCI		X			84	30	41	F	6				120						x											COMPRESSED AIR - 120 PSI. PROVIDED BY BUILDING SUPPLY.	
TF-04			Workbench / Packing - Prep	Lista		Open Lab - Packaging			CFCI		X			132	30	41	F	30				120						x												
TF-05			Workbench / Testing	Lista		Open Lab			CFCI	X	X			60	30	41	F	10				120						x												
TF-06			Tool / part cabinet	Lista		Open Lab			OFCI	X				17"	30	60	F	0																						
TF-07			Parts storage	Lista		Storage			OFCI	X				63	30																									
TF-08			Fume extraction	NA	NA	Open Lab			CFCI				X				W																						EXHAUST -- SNORKEL fume extraction for solder/pcb rework station	
TF-09			Packing overhead bin	uline		Storage			OFOI	X				48	48	48	W																						despencer for packing peanuts	
TF-10			Storage shelving	unknown		Storage			CFCI		X			96	20	75																								
TF-11			Storage shelving	unknown		Storage			CFCI		X			96	20	75																								
TF-12			Storage shelving	unknown		Storage			CFCI		X			96	20	75																								
TF-13			Storage shelving	unknown		Storage			CFCI		X			96	20	75																								
TF-14			Storage shelving	unknown		Storage			CFCI		X			96	20	75																								
TF-15			Storage shelving	unknown		Storage			CFCI		X			96	20	75																								
TF-16			Storage shelving	unknown		Storage			CFCI		X			96	20	75																								











**IDOT EQUIPMENT MATRIX  
2.3 NUCLEAR LAB**

\* SEE THE EQUIPMENT MATRIX TABLE OF CONTENTS FOR THE LEGENDS

IDENTIFICATION							LOCATION AND QUANTITY										DIMENSIONS, MOUNTING										ELECTRICAL & DATA										PLUMBING					ENV		REMARKS
IDOT Equip. ID	SURVEY SHEET	TYPE TAG	CUTSHEET	EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL NO.	FUTURE ROOM NAME	EXISTING ROOM NAME	EXISTING ROOM NUMBER	OFOI/OFCI/CFCI	EXISTING TO BE RELOCATED	EXISTING TO REPLACE	EXISTING TO DISCARD	PROPOSED NEW PURCHASE	PROPOSED FUTURE PURCHASE	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)	MOUNTING (Floor, Bench, Wall, Ceiling)	# OF OUTLETS	DEDIC. CIRCUITS	UPS	HARD WIRE / PLUG	VOLT	AMP	WATTS	PHASE - SINGLE UNO	EMERGENCY POWER	HAS LOCAL UPS	HAS A DISCONNECT BOX	DATA CONN.	WATER NEEDS	DRAIN	COMP. AIR	VACUUM	EXHAUST	VIBRATION PLATFORM	GC TO VERIFY ALL ELEC. DATA, PLUMB. SERVICES & ENV. CRITERIA IN FIELD						
	Survey Sheet	NC-01	NA	Calibration Block (Magnesium)	NA	NA	Calibration Lab - Bay 1	Bay 1	5	OFOI	X					12	22	14	CART W/ WHEELS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Block is on cart with wheels. Any damage to blocks will ruin them				
	Survey Sheet	NC-02	NA	Calibration Block (Magnesium/Aluminum)	NA	NA	Calibration Lab - Bay 1	Bay 1	5	OFOI	X					12	22	14	CART ON WHEELS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Block is on cart with wheels. Any damage to blocks will ruin them				
	Survey Sheet	NC-03	NA	Calibration Block (Granite)	NA	NA	Calibration Lab - Bay 1	Bay 1	5	OFOI	X					12	22	14	CART ON WHEELS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Block is on cart with wheels. Any damage to blocks will ruin them					
	Survey Sheet	NC-04	NA	Calibration Block (Limestone)	NA	NA	Calibration Lab - Bay 1	Bay 1	5	OFOI	X					12	22	14	CART ON WHEELS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Block is on cart with wheels. Any damage to blocks will ruin them					
	Survey Sheet	NC-05	NA	Calibration Block (Aluminum)	NA	NA	Calibration Lab - Bay 1	Bay 1	5	OFOI	X					12	22	14	CART ON WHEELS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Block is on cart with wheels. Any damage to blocks will ruin them					
	Survey Sheet	NC-06	NA	Calibration Block (Aluminum/Polyethalyne)	NA	NA	Calibration Lab - Bay 1	Bay 1	5	OFOI	X					18	20	14	CART ON WHEELS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Block is on cart with wheels. Any damage to blocks will ruin them					
	Survey Sheet	NC-07	NA	Calibration Block (Magnesium)	NA	NA	Calibration Lab - Bay 2	Bay 2	4	OFOI	X					18	24	14	CART ON WHEELS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Block is on cart with wheels. Any damage to blocks will ruin them				
	Survey Sheet	NC-08	NA	Calibration Block (Magnesium/Aluminum)	NA	NA	Calibration Lab - Bay 2	Bay 2	4	OFOI	X					18	24	14	CART ON WHEELS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Block is on cart with wheels. Any damage to blocks will ruin them				
	Survey Sheet	NC-09	NA	Calibration Block (Granite)	NA	NA	Calibration Lab - Bay 2	Bay 2	4	OFOI	X					18	24	14	CART ON WHEELS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Block is on cart with wheels. Any damage to blocks will ruin them				
	Survey Sheet	NC-10	NA	Calibration Block (Limestone)	NA	NA	Calibration Lab - Bay 2	Bay 2	4	OFOI	X					18	24	14	CART ON WHEELS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Block is on cart with wheels. Any damage to blocks will ruin them				
	Survey Sheet	NC-11	NA	Calibration Block (Aluminum)	NA	NA	Calibration Lab - Bay 2	Bay 2	4	OFOI	X					18	24	14	CART ON WHEELS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Block is on cart with wheels. Any damage to blocks will ruin them				
	Survey Sheet	NC-12	NA	Calibration Block (Aluminum/Polyethalyne)	NA	NA	Calibration Lab - Bay 2	Bay 2	4	OFOI	X					18	24	14	CART ON WHEELS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Block is on cart with wheels. Any damage to blocks will ruin them				
		NC-13		Parts Cabinet			Storage	Storage Room	6	CFCI				x		36	24	72	F																			Replace to match other cabinet; holds replacement parts						
		NC-14		Parts Cabinet			Storage	Maintenance and Repair	2	CFCI				x		36	21	78	F																			This cabinet will be housed in the Storage room. If Diagnostics Shop has storage for parts and misc. items within the cabinets this parts cabinet can be eliminated.						
		NC-15		File Cabinet			Storage	Storage Room	6	OFOI	x					16	28	60	F																									
		NC-16		File Cabinet			Storage	Storage Room	6	OFOI	x					16	28	60	F																									
		NC-17		File Cabinet			Storage	Storage Room	6	OFOI	x					16	28	60	F																									
		NC-18		File Cabinet			Office	Bay 2	4	CFCI		x				15	28	53	F																				old, needs to be replaced					
		NC-19		File Cabinet			Office	Bay 2	4	CFCI		x				15	28	51	F																				old, needs to be replaced					
		NC-20	Cutsheet	Pile Driving Analyzer Equipment	PDI	PAX Serial # 3793L	Storage	Storage Room	6	OFOI	x					26	21	15	B	1		P	120																DOES NOT STORE & PREP IN LAB - SITE EQUIPMENT Standard 120V plug to charge but will only be stored in the Storage Room.. Stored in Black travel case					
		NC-21	NA	Pile Driving Analyzer Equipment	PDI	NA	Storage	Storage Room	6	OFOI	x					26	21	15	B	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		DOES NOT STORE & PREP IN LAB - SITE EQUIPMENT various instruments that are stored in the black travel case mentoned above. No power needed					
		NC-22	cant find	Drill Rig Calibration Equipment	PDI	PAX Serial # 4215 LA	Storage	Storage Room	6	OFOI	x					26	21	15	B	1		P	120																DOES NOT STORE & PREP IN LAB - SITE EQUIPMENT Standard 120V plug to charge but will only be stored in the Storage Room.. Stored in Black travel case					
		NC-23	NA	Drill Rig Calibration Equipment	PDI	NA	Storage	Storage Room	6	OFOI	x					26	21	15	B	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		DOES NOT STORE & PREP IN LAB - SITE EQUIPMENT various instruments that are stored in the black travel case mentoned above. No power needed					
		NC-24	Cutsheet	Solder Station	Weller	MC 5000	Diagnostics/Shop - Soldering Station	Maintenance and Repair	2	CFCI	x					12	12	6	B	1	-	P	120	-	80	-	-	-	-	-	-	-	-	-	-	X	-	-		EXHAUST -- SNORKEL				
R39979		NC-25	NA	Source Rod Inspection Station	InstroTek	NA	Diagnostics/Shop - Source Rod Inspection Station	Maintenance and Repair	2	OFOI	x					12	12	26	B	1																								
		NC-26	NA	Battery Charger	General Electric	NA	Hot Room	Hot Room	1	CFCI		x		x		18.5	5.5	25.5		1																			old, needs to be replaced; D-Cell NiCad Charger					
68957		NC-27	NA	Granite Block	NA	NA	Diagnostics/Shop - Maintenance Station	Maintenance and Repair	2	OFOI	x					24	18	32	CART ON WHEELS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		SEPARATE FROM THE GAUGE TEST TO ENSURE THE GAUGE LEVEL - LOCATE NEXT; SPACED AWAY FROM BANKS				
		NC-28		Parts Bin			Diagnostics/Shop - Maintenance Station	Maintenance and Repair	2	CFCI				x		12	6	22	F																				replace with Lista style drawer storage cabinets					
		NC-29		Parts Bin			Diagnostics/Shop - Maintenance Station	Maintenance and Repair	2	CFCI				x		12	6	22	F																				replace with Lista style drawer storage cabinets					
		NC-30		Parts Bin			Diagnostics/Shop - Maintenance Station	Maintenance and Repair	2	CFCI				x		13	6	3.5	F																				replace with Lista style drawer storage cabinets					
		NC-31		Parts Bin			Diagnostics/Shop - Maintenance Station	Maintenance and Repair	2	CFCI				x		9	7.5	7.5	F																				replace with Lista style drawer storage cabinets					
		NC-32		Work Bench/Counter			Diagnostics/Shop	Maintenance and Repair	2	CFCI				x		240	30	36	F	18																			New must be USD protected					
		NC-33		Counter			Diagnostics/Shop	Maintenance and Repair	2	CFCI				x		108	30	36	F	6																			Sink Dimentions 27x27x14					

## IDOT EQUIPMENT MATRIX 2.4 CONCRETE

\* SEE EQUIPMENT MATRIX TABLE OF CONTENTS FOR LEGEND

IDENTIFICATION							LOCATION AND QUANTITY							DIMENSIONS, MOUNTING				ELECTRICAL & DATA							PLUMBING/SERVICES					ENV		OTHER	REMARKS														
IDOT EQUIPMENT ID	SURVEY SHEET	TYPE TAG	CUT-SHEET	EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL NO.	FUTURE ROOM NAME	EXISTING ROOM NAME	EXISTING ROOM NUMBER	OFOI/OFCI/CFCI	EXISTING TO BE RELOCATED	EXISTING TO REPLACE	EXISTING TO DISCARD	PROPOSED NEW PURCHASE	PROPOSED FUTURE PURCHASE	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)	MOUNTING	# OF OUTLETS	DEDIC. CIRCUITS	UPS	HARD WIRE / PLUG	VOLT	AMP	WATTS	PHASE - SINGLE UNO	EMERGENCY POWER	LOCAL UPS	DISCONNECT BOX	DATA CONN.	WATER NEEDS		DRAIN	STEAM	COMP. AIR	VACUUM	OTHER GASES	EXHAUST	VIBRATION PLATFORM	GC TO VERIFY ALL ELEC. DATA, PLUMB. SERVICES, & ENV. CRITERIA IN FIELD						
R33101	<a href="#">Survey Sheet</a>	CN-01	<a href="#">Cutsheet</a>	Gilson shaker	Gilson	TM-5	Open Lab - Mixing	CN lab	128	OFOI	X					27	34	50	F	1			P	115	7.2	-	-												X	-		exhaust - dust collector					
R01896	<a href="#">Survey Sheet</a>	CN-02	<a href="#">Cutsheet</a>	Gilson shaker	Gilson	TM-5	Open Lab - Mixing	CN lab	128	OFOI	X					27	34	50	F	1			P	115	7.2	-	-													X	-		exhaust - dust collector				
E28766	<a href="#">Survey Sheet</a>	CN-03		floor scale	Sauter	MULTISCALE	Open Lab - Mixing	CN lab	128	OFOI	X					30	24	16	F	1			P	120	?															X	?		requires dust collector sitting on stand				
FF0985	<a href="#">Survey Sheet</a>	CN-04	<a href="#">Cutsheet</a>	oven	Despatch	LAD2-24-3	Open Lab - Mixing	CN lab	128	OFOI	X					66	36	74	F	1	X		HW	208	52		3 PH		X												?	-	X	Clearance Doors 31"+ clearance 36"			
E13853	<a href="#">Survey Sheet</a>	CN-05		mixer	ALLEN BRADLEY (MIXER); DAYTON (MOTOR)	??? (MIXER); 3N661 (MOTOR)	Open Lab - Mixing	CN lab	128	OFOI		X		X			40	72		F	1			HW	208-230/460 (MOTOR)	28.5-27/13.5 (MOTOR)		3 PH (MOTOR)		X		X	X									X	-	X	please provide a placeholder manufacturer and model number for the proposed new purchased instrument, so we can plan around that. exhaust -- dust collector water-- is this a direct connection to equipment? Cold? Hot? Drain -- pit with grate, must be near floor pit		
E1502	<a href="#">Survey Sheet</a>	CN-06		mixer	Lancaster	30DH	Open Lab - Mixing	CN lab	128	OFOI		X		X		26	60	68	F	1			P									X	X								X	-	X	please provide a placeholder manufacturer and model number for the proposed new purchased instrument, so we can plan around that. exhaust -- dust collector water-- is this a direct connection to equipment? Cold? Hot? Drain -- must be near floor pit			
R26139	<a href="#">Survey Sheet</a>	CN-07	<a href="#">Cutsheet</a>	saw	Norton	BBL527	Open Lab - Mixing	CN lab	128	OFOI	X					24	60	70	F	1	X		P	230	20.6						X	X												water-- not direct connection to water, but water access with garden hose Drain -- must be near pit			
K02891	<a href="#">Survey Sheet</a>	CN-08	<a href="#">Cutsheet</a>	fractionator	Smico	123-6D-5V	Open Lab - Mixing	CN lab	128	OFOI	X					32	60	54	F	1			P	115																				exhaust - dust collector			
S1	-	CN-09		shelf unit			Open Lab - Sorting and Logging	CN lab	128	OFOI	X					202	50	97	F	0																											
S2	-	CN-10		shelf unit			Open Lab - Sorting and Logging	CN lab	128	OFOI	X					50	30	93	F	0																											
E28662	<a href="#">Survey Sheet</a>	CN-11	<a href="#">Cutsheet</a>	Lapmaster 15	NATIONAL MACHINE TOOL BUILDERS ASSOCIATION; FASCO (MOTOR)	Lapmaster 15; A-35919-A (MOTOR)	Open Lab - Sorting and Logging	CN lab	128	OFOI		X		X		45	33	60	B	1			P	110																							
80906	<a href="#">Survey Sheet</a>	CN-12	can't find	saw	LaPro	Slab Saw 18	Open Lab - Mixing	CN lab	128	OFOI	X					45	24	48	F	1			P	115?																					X		
		CN-13		aggregate bins			Open Lab - Sorting and Logging - Raw Material	CN lab	128	OFOI		X		X		250	84	103	F	0																										requires access from inside and outside of building	
T8		CN-14		work table			Open Lab - Sorting and Logging	CN lab	128	OFOI						72	40	32	F	0																										very sturdy, waterproof, storage underneath	
		CN-15		pallet of cement			Open Lab - Sorting and Logging	CN lab	128	OFOI						50	50	56	F	0																										3300+ lbs	
		CN-16		trash concrete pallet			Open Lab - Sorting and Logging	CN lab	128	OFOI						50	50	50	F	0																										requires access to outside door for disposal	
T1		CN-17		work table			Open Lab - Casting/Molding	CN lab	107	CFCI				X		97	36	32	F	2																									very sturdy, waterproof (but no water hook up), storage underneath		
T2		CN-18		work table			Open Lab - Casting/Molding	CN lab	107	CFCI				X		120	36	32	F	2																									very sturdy, waterproof (but no water hook up), storage underneath		
T3		CN-19		work table			Open Lab - Casting/Molding	CN lab	107	CFCI				X		96	36	36	F	2																									very sturdy, waterproof (but no water hook up), storage underneath		
T4		CN-20		work table			Open Lab - Casting/Molding	CN lab	107	CFCI				X		85	31	36	F	2																									very sturdy, waterproof (but no water hook up), storage underneath		
T5		CN-21		work table			Open Lab - Casting/Molding	CN lab	107	CFCI				X		93	34	36	F	2																								very sturdy, waterproof (but no water hook up), storage underneath			
E13870	<a href="#">Survey Sheet</a>	CN-22	can't find, cutsheet of newer model	flow table	SoilTest; BODINE ELECTRIC COMPANY (MOTOR)	CT200A; NSH-34RH (MOTOR)	Open Lab - Curing Compound	CN lab	107	OFOI	X					25	24	41	F	1	X		P	115 (MOTOR)			1																				on concrete pillar; EQUIPMENT MANUAL SAYS, "LOCAL ISOLATION OF MACHINE REQUIRED" IN THE ELECTRICAL SECTION

## IDOT EQUIPMENT MATRIX 2.4 CONCRETE

\* SEE EQUIPMENT MATRIX TABLE OF CONTENTS FOR LEGEND

IDOT EQUIPMENT ID	SURVEY SHEET	IDENTIFICATION				LOCATION AND QUANTITY								DIMENSIONS, MOUNTING				ELECTRICAL & DATA								PLUMBING/SERVICES					ENV	OTHER	REMARKS															
		TYPE TAG	CUT-SHEET	EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL NO.	FUTURE ROOM NAME	EXISTING ROOM NAME	EXISTING ROOM NUMBER	OFOI/OFCI/CFCI	EXISTING TO BE RELOCATED	EXISTING TO REPLACE	EXISTING TO DISCARD	PROPOSED NEW PURCHASE	PROPOSED FUTURE PURCHASE	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)	MOUNTING	# OF OUTLETS	DEDIC. CIRCUITS	UPS	HARD WIRE / PLUG	VOLT	AMP	WATTS	PHASE - SINGLE UNO	EMERGENCY POWER	LOCAL UPS	DISCONNECT BOX	DATA CONN.	WATER NEEDS		DRAIN	STEAM	COMP. AIR	VACUUM	OTHER GASES	EXHAUST	VIBRATION PLATFORM	GC TO VERIFY ALL ELEC. DATA, PLUMB. SERVICES, & ENV. CRITERIA IN FIELD							
	<a href="#">Survey Sheet</a>	CN-23	not applicable	burlap soak tank	-	-	Open Lab - Casting/Molding	CN lab	107	OFOI		2?					72	30	39	F	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	-	-	-	X	WATER -- HOT AND COLD DRAIN -- FLOOR DRAIN REQUIRED
R19702	<a href="#">Survey Sheet</a>	CN-24	can't find	compressive strength machine	Test Mark	CM-0060-ID2	Open Lab - Compression/Flexural Testing	CN lab	107	OFOI		X		X			32	20	70	F	1	X		P	115	11		1															X					
88326	<a href="#">Survey Sheet</a>	CN-25	can't find	compressive strength machine	Forney	QC-410-D	Open Lab - Compression/Flexural Testing	CN lab	107	OFOI	X						48	27	66	F	1			P	115		1																X	Door length 15" Front-24" clearance when door is open position, need access to front and back of machine				
R07543	<a href="#">Survey Sheet</a>	CN-26	<a href="#">Cutsheet</a>	Vibrating table	Vibco	US 900	Open Lab - Casting/Molding	CN lab	107	OFOI	X						21	21	12	B	1	-	-	P	115	4.5	-	1																				
S3		CN-27		shelf unit			Open Lab	CN lab	107	OFOI	X						80	36	78	F	0																											
S4		CN-28		shelf unit			Open Lab	CN lab	107	OFOI	X						109	29	83	F	0																											
R39474	<a href="#">Survey Sheet</a>	CN-29	can't find	flexural strength machine	Rainhart	415	Open Lab - Flexural Testing	CN lab	107 or 128?	OFOI	X						30	22	51	F	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		requires cart access				
E13675	<a href="#">Survey Sheet</a>	CN-30	can't find	mixer	Lancaster	LWD 17BX	Open Lab - Mixing	CN lab	107	OFOI	X						27	48	68	F	1			HW																			X					
E13758		CN-31	need model # to find	ultrasonic sink	Wave Energy Systems	Unknown	Open Lab	CN lab	107	OFOI		X		X			36	27	37	F	1			P				1																	X	X	WATER -- HOT AND COLD DRAIN -- PIPED FLOOR DRAIN	
S5		CN-32		shelf unit			Open Lab	CN lab	107	OFOI		X					111	25	85	F	0																											
		CN-33		four wheeled cart	misc		Open Lab	CN lab	107	OFOI	X						25	40	39	F	0																											
		CN-34		four wheeled cart	misc		Open Lab	CN lab	107	OFOI	X						25	40	39	F	0																											
		CN-35		four wheeled cart	misc		Open Lab	CN lab	107	OFOI	X						25	40	39	F	0																											
		CN-36		four wheeled cart	misc		Open Lab	CN lab	107	OFOI	X						25	40	39	F	0																											
		CN-37		four wheeled cart	misc		Open Lab	CN lab	107	OFOI	X						25	40	39	F	0																											
R07542	<a href="#">Survey Sheet</a>	CN-38	this will be new and custom by outside contractor?	freeze-thaw chamber I; tank, refrigeration, & controls	Punzak / Airmasters	Not Applicable	Freeze/Thaw Testing	CN lab	108	CFCI				X			221	64	60	F	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See report for equipment performance criteria & room criteria.
R07612	<a href="#">Survey Sheet</a>	CN-39	this will be new and custom by outside contractor?	freeze-thaw chamber II; tank, refrigeration, & controls	Punzak / Airmasters	Not Applicable	Freeze/Thaw Testing	CN lab	108	CFCI				X			221	64	60	F	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See report for equipment performance criteria & room criteria.	
CC3674	<a href="#">Survey Sheet</a>	CN-40	this will be new and custom by outside contractor?	freeze-thaw chamber III; tank, refrigeration, & controls	Punzak / Airmasters	Not Applicable	Freeze/Thaw Testing	CN lab	108	CFCI				X			221	64	60	F	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See report for equipment performance criteria & room criteria.		
	<a href="#">Survey Sheet</a>	CN52A		Tempering Tank - Replacement	TBD		Freeze/Thaw Testing	CN LAB	128	CFCI				X			125	42	42	F	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See Report	See report for equipment performance criteria & room criteria.			
	<a href="#">Survey Sheet</a>	CN-41	NA	hoist	Duff Norton	Coffing	Freeze/Thaw Testing	CN lab	108	CFCI		X		X			?	?	?	C																							X	See report for equipment performance & room criteria				

## IDOT EQUIPMENT MATRIX 2.4 CONCRETE

\* SEE EQUIPMENT MATRIX TABLE OF CONTENTS FOR LEGEND

IDENTIFICATION				LOCATION AND QUANTITY										DIMENSIONS, MOUNTING						ELECTRICAL & DATA						PLUMBING/SERVICES						ENV	OTHER	REMARKS												
IDOT EQUIPMENT ID	SURVEY SHEET	TYPE TAG	CUT-SHEET	EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL NO.	FUTURE ROOM NAME	EXISTING ROOM NAME	EXISTING ROOM NUMBER	OFOI/OFCI/CFCI	EXISTING TO BE RELOCATED	EXISTING TO REPLACE	EXISTING TO DISCARD	PROPOSED NEW PURCHASE	PROPOSED FUTURE PURCHASE	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)	MOUNTING	# OF OUTLETS	DEDIC. CIRCUITS	UPS	HARD WIRE / PLUG	VOLT	AMP	WATTS	PHASE - SINGLE UNO	EMERGENCY POWER	LOCAL UPS	DISCONNECT BOX	DATA CONN.	WATER NEEDS	DRAIN		STEAM	COMP. AIR	VACUUM	OTHER GASES	EXHAUST	VIBRATION PLATFORM	GC TO VERIFY ALL ELEC. DATA, PLUMB. SERVICES, & ENV. CRITERIA IN FIELD					
SS0072	<a href="#">Survey Sheet</a>	CN-42	can't find	sonometer	Geotest	CE2622	Freeze/Thaw Testing Length Measurement	CN lab	105	OFOI		X		X		44	21	16	B	1	X		P	120	15							-	-	-	-	-	-	-	-	-	-	-	-			
IDOT BMPR 2011	<a href="#">Survey Sheet</a>	CN-43	need model # to find	length measurer (ft) CUSTOM ASSEMBLY	MITUTOYO	OP-1VR & ??	Freeze/Thaw Testing Length Measurement	CN lab	105	OFOI		X*		X*		30	20	76	CORNER @ WALL	2			P	120	0.16	-				-	-	-	-	-	-	-	-	-	-	X?			*would like to reuse the existing one, but need to determine if that is possible with calibration of new machines and testing at both old and new facility simultaneously (either calibration of new machines and testing at both old and new but need to determine if that is possible with calibration of new machines (gth-lr))			
EE6889	<a href="#">Survey Sheet</a>	CN-44	Cutsheet	Environmental chamber	Lunaire	CE0958W-4	Open Lab - Curing Compound	CN lab	103	OFOI	X					80	43	94	F	1	X		P	208-230	56					X	X			X								X		WATER -- DI DRAIN -- FLOOR DRAIN? PIT W/ GRATE? PIPED? COMPRESSED AIR -- PSI? PIPED CONNECTION? AIR COMPRESSOR PRVODE COMPRESSED AIR?		
R34165	<a href="#">Survey Sheet</a>	CN-45	Cutsheet	Environmental chamber	Lunaire	CE09164CF4T	Open Lab - Curing Compound	CN lab	103	OFOI	X					75	45	45	B	1	X		P	208	24		1			X	X											X		WATER -- DI DRAIN -- FLOOR DRAIN? SINK? PIPED?		
E86CBCN002	<a href="#">Survey Sheet</a>	CN-46		hood			Open Lab - Curing Compound	CN lab	103	OFOI		X		X		50	32	96	F	1	X	X					X																	COMPRESSED AIR -- W/ REGULATOR, PSI?		
T6	<a href="#">Survey Sheet</a>	CN-47		work table			Open Lab - Curing Compound	CN lab	103	OFOI	X					76	36	35	F																								very sturdy, waterproof, storage underneath			
	<a href="#">Survey Sheet</a>	CN-47A	need model # to find	work table	home made	Not Applicable	Open Lab - Curing Compound	CN lab	103	OFOI	X					76	36	35	F																								no water hook up			
T7	<a href="#">Survey Sheet</a>	CN-48		work table	home made	Not Applicable	Open Lab - Curing Compound	CN lab	103	OFOI	X					97	36	35	F																								very sturdy, waterproof (no water hook up), storage underneath			
	<a href="#">Survey Sheet</a>	CN-48A	Cutsheet	SANDER	DELTA	SA446	Open Lab - Curing Compound	CN lab	103	OFOI	X					12	36	18	B	1	-	-	P	120	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X		
	<a href="#">Survey Sheet</a>	CN-48B	Cutsheet	HANDHELD SPECTROPHOTO METER	BYK	SPECTRO 2 GUIDE (70752)	Open Lab - Curing Compound	CN lab	103	OFOI	X					NA	NA	NA	IN CABINET	1	-	-	P	120	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		this goes in a cabinet	
	<a href="#">Survey Sheet</a>	CN-49	Cutsheet	SCALE	METTLER	PC16	Open Lab	CN LAB	128	OFOI	X					15	14	5	B	1	-	-	P	120	-	16 VA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	<a href="#">Survey Sheet</a>	CN-50	need model # to find		GILSON		Open Lab	CN LAB	128	OFOI	X					?	?	?	F																								X	GC TO SURVEY IN FIELD		
	<a href="#">Survey Sheet</a>	CN-51	Cutsheet	VAPORMIST-HUMIDIFIER	DRISTEEM	VM-8	Open Lab	CN LAB	128	OFOI	X					25	17	19	W	4	X		HW	208	38.5	8000	-		X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	X		WATER -- WHAT TYPE? DIRECT CONNECTION TO INSTRUMENT? DRAIN -- PIPED? SINK? FLOOR DRAIN? EXHAUST -- DIRECT REMOVE, NOT PART OF LAB EQUIPMENT, THIS IS HVAC EQUIPMENT
	<a href="#">Survey Sheet</a>	CN-52	need model # to find	Tempering Tank	Webber	Not Applicable	Freeze/Thaw Testing Tempering Tank	CN LAB	128	OFOI			X						F				HW?					X?	X	X													X		WATER -- WHAT TYPE? DIRECT CONNECTION TO INSTRUMENT? DRAIN -- PIPED? FLOOR DRAIN? PIT W/ GRATE? tempering tank accounted for in freeze-thaw room already-needs removed	
	<a href="#">Survey Sheet</a>	CN-53	Cutsheet	MIXER	HOBART	N-50A	Open Lab - Curing Compound	CN LAB	128	OFOI	2					11	15	17	B	1	-	-	P	120	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<a href="#">Survey Sheet</a>	CN-54	Cutsheet	SCALE	METTLER	SB16001	Open Lab - Curing Compound	CN LAB	128	OFOI	X					15	14	5	B	1	-	-	P	120	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

**IDOT EQUIPMENT MATRIX  
2.5 CEMENT LAB**

\* SEE THE EQUIPMENT MATRIX TABLE OF CONTENTS FOR THE LEGENDS

IDENTIFICATION				LOCATION AND QUANTITY											DIMENSIONS, MOUNTING								ELECTRICAL & DATA										PLUMBING			ENV		REMARKS			
IDOT EQUIPMENT ID	SURVEY SHEET	TYPE TAG	CUT SHEET	EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL NO.	NEW ROOM NAME	EXISTING ROOM NAME	EXISTING ROOM NUMBER	OFOI/OFCI/CFCI	EXISTING TO BE RELOCATED	EXISTING TO REPLACE	EXISTING TO DISCARD	PROPOSED NEW PURCHASE	PROPOSED FUTURE PURCHASE	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)	MOUNTING	# OF OUTLETS	DEDIC. CIRCUITS	UPS	HARD WIRE / PLUG	VOLT	AMP	WATTS	PHASE - SINGLE UNO	EMERGENCY POWER	HAS LOCAL UPS	HAS A DISCONNECT BOX	DATA CONN.	WATER NEEDS	DRAIN	COMP. AIR	VACUUM	EXHAUST	VIBRATION PLATFORM		GC TO VERIFY ALL ELEC. DATA, PLUMB. SERVICES, & ENV. CRITERIA IN FIELD		
088334	<a href="#">Survey Sheet</a>	CM-01	can't find	BLENDER TWIN SPEED-4 QT. W/ATTACH.	KELLEY	82-8777-7313	Open Lab - Sample Logging/ Breakdown	CEMENT LAB	M119	OFOI		X				30	15	23	B					110														X		NEXT TO SIEVE SHAKER EXHAUST -- WITH SCREEN/PANEL AROUND SIDE AND BACK FOR DUST COLLECTION	
SS0082	<a href="#">Survey Sheet</a>	CM-02	Cutsheet	BALANCE HIGH CAP	METTLER TOLEDO	PM11-K	Open Lab - Sample Logging/ Breakdown	CEMENT LAB	M119	OFOI	X					14	13	5	B	1	-	P		110		8VA											X		EXHAUST -- WITH SCREEN/PANEL AROUND SIDE AND BACK FOR DUST COLLECTION		
EE2256	<a href="#">Survey Sheet</a>	CM-03	Cutsheet	MECHANICAL CONVECTION OVEN	LINDBERG BLUE	MO1450A	Open Lab - Mixing/ ASR	CEMENT LAB	M119	OFOI	X					34	23	46	B	1	X	HW	120	17.4	2100	-		X										X	EXHAUST -- OVEN APPLIANCE NEEDS 12 IN CLEARANCE		
LL7821	<a href="#">Survey Sheet</a>	CM-04	Cutsheet	BALANCE BASIC	METTLER TOLEDO	PB5001-S	Open Lab - Mixing/ CS/ Air Content	CEMENT LAB	M125	OFOI	X					10	13	4	B	1	-	P		120	-	10															
	<a href="#">Survey Sheet</a>	CM-05		CEMENT AUTOCLAVE Table			Open Lab - Mixing/ Time Sets/ Autoclaves	CEMENT LAB	M119	OFOI	X					58	18		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
CC3514	<a href="#">Survey Sheet</a>	CM-05A	Cutsheet	Cement Autoclave	BOEKEL	25515-016	Open Lab - Mixing/ Time Sets/ Autoclaves	CEMENT LAB	M119	OFOI	X					28	17	48	B	1	X	P		110	15.7	1800													X		
K06224	<a href="#">Survey Sheet</a>	CM-05B	Cutsheet	Cement Autoclave	BOEKEL	25515-016	Open Lab - Mixing/ Time Sets/ Autoclaves	CEMENT LAB	M119	OFOI	X					28	17	48	B	1	X	P		110	15.7	1800													X		
CC7562	<a href="#">Survey Sheet</a>	CM-06	Cutsheet	COMPRESSION MACHINE 300K	TEST MARK	16702H (can't find this model # so cutsheet is for 300k model)	Open Lab - Compression	CEMENT LAB	M125	OFOI	X					30	24	60	F	1		P		110			-													CART ADJACENT	
KK1364	<a href="#">Survey Sheet</a>	CM-07	need model # to find	MIXER ASTM-W SST-BOWL & BEATE-A	HOBART	N-50		CEMENT LAB	M125	OFOI	3								B	4		P																			THIS MIXER IS IN CONCRETE LAB
K02557	<a href="#">Survey Sheet</a>	CM-08	Cutsheet	MECHANICAL CONVECTION OVEN	YAMATO SCIENTIFIC	DKN810	Open Lab - Mixing/ ASR	CEMENT LAB	M119	OFOI	X					28	28	64	F	1	X	P	220	14	3000	-													X	EXHAUST -- OVEN APPLIANCE NEEDS 12 IN CLEARANCE	
R28826	<a href="#">Survey Sheet</a>	CM-09	Cutsheet	BENCH TOP LAB MIXER	HOMBART	311429267 (5 QT.) (not finding this model number so cutsheet is for 5qt mixer)	Open Lab - Mixing/ Time Sets/ Autoclaves	CEMENT LAB	M125	OFOI	X					12	12	18	B	1	-	P		110	2.9	-													X	EXHAUST -- WITH SCREEN/PANEL AROUND SIDE AND BACK FOR DUST COLLECTION	
R40558	<a href="#">Survey Sheet</a>	CM-10	Cutsheet	PLANITARY MIXER	HOMBART	N50A-10	Open Lab - Mixing/ Time Sets/ Autoclaves	CEMENT LAB	M119	OFOI	2					12	12	18	B	1	-	P		110	2.9	-												X	EXHAUST -- WITH SCREEN/PANEL AROUND SIDE AND BACK FOR DUST COLLECTION		
R34859	<a href="#">Survey Sheet</a>	CM-11	NA	COMPARATOR 10in. DIGITAL INDICATOR	HUMBOLDT	H3250	Open Lab - Length Measuring Area	CEMENT LAB	M119	OFOI	2					12	12	18	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			HAS STORAGE BELOW	
R28826		CM-12	cant find	CEMENT MIXER	HUMBOLDT	N-50	Open Lab - Mixing/ CS/ Air Content	CEMENT LAB	M126	OFOI	X					12	12	18	B	1		P		110	1.4	-															
R36787	<a href="#">Survey Sheet</a>	CM-13	Cutsheet	CONVECTION OVEN	YAMATO SCIENTIFIC	DKN812C	Open Lab - Mixing/ ASR	CEMENT LAB	M119	OFOI	X					28	28	64	F	1	X	P	220	15	-														X	EXHAUST -- OVEN APPLIANCE NEEDS 12 IN CLEARANCE	
R40195	<a href="#">Survey Sheet</a>	CM-14	Cutsheet	balance internal calibration	AND	GH120 (15113483)	Air Permeability	CEMENT LAB	M126	OFOI	X					9	18	13	F	1		P	120	-	11VA																
R07544	<a href="#">Survey Sheet</a>	CM-15	Cutsheet	Vicat W/ COMPUTER	TONI/TECHNIK	TONISET COMPACT	Open Lab - Mixing/ Time Sets/ Autoclaves	CEMENT LAB	M119	OFOI	X					22	28	32	B	3		P		110						X											
	<a href="#">Survey Sheet</a>	CM-15A	NA	Manual Vicat	Humboldt Mfr Co	NA	Open Lab - Mixing/ Time Sets/ Autoclaves	CEMENT LAB	M119	OFOI	2					12	12	18	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

**IDOT EQUIPMENT MATRIX  
2.5 CEMENT LAB**

\* SEE THE EQUIPMENT MATRIX TABLE OF CONTENTS FOR THE LEGENDS

IDENTIFICATION				LOCATION AND QUANTITY											DIMENSIONS, MOUNTING				ELECTRICAL & DATA										PLUMBING		ENV		REMARKS										
IDOT EQUIPMENT ID	SURVEY SHEET	TYPE TAG	CUT SHEET	EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL NO.	NEW ROOM NAME	EXISTING ROOM NAME	EXISTING ROOM NUMBER	OFOI/OFCI/CFCI	EXISTING TO BE RELOCATED	EXISTING TO REPLACE	EXISTING TO DISCARD	PROPOSED NEW PURCHASE	PROPOSED FUTURE PURCHASE	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)	MOUNTING	# OF OUTLETS	DEDIC. CIRCUITS	UPS	HARD WIRE / PLUG	VOLT	AMP	WATTS	PHASE - SINGLE UNO	EMERGENCY POWER	HAS LOCAL UPS	HAS A DISCONNECT BOX	DATA CONN.	WATER NEEDS		DRAIN	COMP. AIR	VACUUM	EXHAUST	VIBRATION PLATFORM	GC TO VERIFY ALL ELEC. DATA, PLUMB. SERVICES, & ENV. CRITERIA IN FIELD				
	<a href="#">Survey Sheet</a>	CM-16	<a href="#">Cutsheet</a>	Vicat water bath/recycler (preferred on bench)	THERMOHAAKE	C10	Open Lab - Mixing/ Time Sets/ Autoclaves	CEMENT LAB	M119	OFOI	X					26	15	18	B	X			115 OR 230		1050V A OR 1550V A						-	-	-						X	BELOW VICAT TO SAVE COUNTERSPACE. NOT PLUMBED, HAND FILLED AND DRAINED.			
	<a href="#">Survey Sheet</a>	CM-17	<a href="#">Cutsheet</a>	Flow table and concrete plinth	HUMBOLDT	H-3620	Open Lab - Mixing/ CS/ Air Content	CEMENT LAB	M125	OFOI	X					15	15	42	cork base	3			P	110		200	-	-	-		X	X					X	X	WATER -- HOT, COLD, DI? HAND FILLED? PIPED? DRAIN -- FLOOR DRAIN, PIPED? CONCRETE PLINTH WILL NEED TO BE CAST ON SITE OR WE WILL LOOK INTO RELOCATION OPTION OF EXISTING PLINTH				
		CM-18		28x72x34 table and storage			Open Lab	CEMENT LAB	M119 OR M1125	OFOI	X					28	72	34																									
		CM-19		36x24x78 cabinet			Open Lab	CEMENT LAB	M119 OR M1125	OFOI	X					36	24	78																									
		CM-20		36x19x78 cabinet			Open Lab	CEMENT LAB	M119 OR M1125	OFOI	X					36	19	78																									
		CM-21		36x24x75 shelving			Open Lab	CEMENT LAB	M119 OR M1125	OFOI	X					36	24	75																									
		CM-22		36x24x75 shelving			Open Lab	CEMENT LAB	M119 OR M1125	OFOI	X					36	24	75																									
		CM-23		36x96x36 table and storage			Open Lab	CEMENT LAB	M119 OR M1125	OFOI	X					36	96	36																									
		CM-24		48x24x36 table and storage			Open Lab	CEMENT LAB	M119 OR M1125	OFOI	X					48	24	36																									
		CM-25		L-shaped table and storage (200" long, 87" long and 24" deep, 36" tall)			Open Lab	CEMENT LAB	M119 OR M1125	OFOI	X					200	24	36																									
	<a href="#">Survey Sheet</a>	CM-26	<a href="#">Cutsheet</a>	FINENESS TESTING STATION	BRANSON; HUMBOLDT	BRANSON 1510; HUMBOLDT ??	Air Permeability	CEMENT LAB	M126	OFOI	X					60	30	60	F	3			P	120		80		-	-		-	-											HAND FILLED AND DRAIN TO SINK APPARATUS CAN BE MOVED TO STABLE COUNERTOP FREE OF VIBRATION
	<a href="#">Survey Sheet</a>	CM-27	need model # to find	SIEVE SHAKER	CENTRAL SCIENTIFIC CO		Open Lab - Sample Logging/ Breakdown	CEMENT LAB	M119	OFOI	X								B																	X	?	X	EXHAUST -- DUST COLLECTION				
	<a href="#">Survey Sheet</a>	CM-28	<a href="#">Cutsheet</a>	HOT PLATE	Thermolyne	Type 2200	Air Permeability	CEMENT LAB	M125	OFOI	X					12	12	5	B	1	X		P	110				-	-		-	-											
	<a href="#">Survey Sheet</a>	CM-29	NA		Humboldt					OFOI	X								B	1			P																			CLIENT NOT SURE WHAT THIS IS	
		CM-31	<a href="#">Cutsheet</a>	BLAINE APPARATUS	HUMBOLDT	3810	Air Permeability	CEMENT LAB	M126	OFOI	X					12	12	12		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	GC TO CONFIRM IT IS A MANUAL MODEL AND NOT SEMI AUTOMATIC (SEMI AUTOMATIC REQUIRES POWER)			
				Moisture Curing Cabinet			Moist				OFOI																																

**IDOT EQUIPMENT MATRIX  
2.6 SOILS**

\* SEE THE EQUIPMENT MATRIX TABLE OF CONTENTS FOR THE LEGENDS

IDOT EQUIPMENT ID	SURVEY SHEET	TYPE TAG	CUTSHEET	IDENTIFICATION			LOCATION AND QUANTITY							DIMENSIONS, MOUNTING				ELECTRICAL & DATA								PLUMBING		SERVICES		ENV		REMARKS					
				EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL NO.	NEW ROOM NAME	EXISTING ROOM NAME	EXISTING ROOM NUMBER	OFOI/OFCI/CFCI	EXISTING TO BE RELOCATED	EXISTING TO REPLACE	EXISTING TO DISCARD	PROPOSED NEW PURCHASE	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)	MOUNTING	# OF OUTLETS	DEDIC. CIRCUITS	UPS	HARD WIRE / PLUG	VOLT	AMP	WATTS	PHASE - SINGLE UNO	EMERGENCY POWER	HAS LOCAL UPS	HAS A DISCONNECT BOX	DATA CONN.	WATER NEEDS		DRAIN	COMP. AIR	VACUUM	CO2	OTHER GASES
E13974	Survey Sheet	SL-01	can't find	GRAVITY CONVECTED OVEN HOTPACK	Hotpack	206200	Breakdown Room	Soils Lab	M-132	OFOI	1								dir. wire	208/230	17		-	-	X									X			floor standing EXHAUST -- can be vented
E13703	Survey Sheet	SL-02	can't find	GRAVITY CONVECTED OVEN NAPCO	Napco	430	Breakdown Room	Soils Lab	M-132	OFOI	1								plug	240			-		-										X	table top / needs proper plug	
E28618	Survey Sheet	SL-03	can't find	LANCASTER MIXER SN511	Lancaster	SN511	Breakdown Room - Proctor Area	Soils Lab	M-132	OFOI	1								plug	120																floor standing	
E01627	Survey Sheet	SL-04	need model # to find	LANCASTER MIXER	Lancaster		Breakdown Room - Proctor Area	Soils Lab	M-132	OFOI	1								plug	120																floor standing	
E28724	Survey Sheet	SL-05	Cutsheet	MECHANICAL SOILS COMPACTOR SN10582225	Ploog	M-100	Breakdown Room - Proctor Area	Soils Lab	M-132	OFOI	1								plug	120	12		-	-	-	-	1							X	floor standing / dimensions include concrete pedestal base		
n/a	Survey Sheet	SL-06	NA	CONCRETE PEDESTAL BASE FOR MECH COMPACTOR	NA	NA	Breakdown Room - Proctor Area	Soils Lab	M-132	OFOI	1																									weighs approximately 1100 lbs	
E01938	Survey Sheet	SL-07	need model # to find	DRUM PULVERIZER	Hogentogler		Breakdown Room	Soils Lab	M-132	OFOI	1								plug	120																floor standing / dimensions include noise reduction enclosure	
E13560	Survey Sheet	SL-08	can't find	SAMPLE EXTRUDER	Rainhart	Series 650	Breakdown Room - Proctor Area	Soils Lab	M-132	OFOI	1																								floor standing / dimensions include wooden base w/ wheels		
088583	Survey Sheet	SL-09	Cutsheet	FLOOR MODEL HORIZONTAL BAND SAW ELLIS	Ellis (SAW); DOERR (MOTOR)	1500 (SAW)	Breakdown Room	Soils Lab	M-132	OFOI	1								plug	120	11.2														floor standing w/ wheels		
R25890	Survey Sheet	SL-10	Cutsheet	VIBRATING TABLE 230V 60HZ w/ step-up transformer	Humboldt	VP-181-C1	Vibratory Lab	Soils Lab	M-132	OFOI	1								dir. wire	230	12	800			X										X	bolted to floor / step-up transformer not needed at new building	
R25557	Survey Sheet	SL-11	Cutsheet	2000LB GANTRY w/ 1 TON ELECTRIC HOIST	EC&MW/Budgit	2PSB69/behco108	Vibratory Lab	Soils Lab	M-132	OFOI	1								plug	120															on wheels / needs partial disassembly for transport		
n/a		SL-12		SIX-LEVEL STORAGE RACK			Breakdown Room	Soils Lab	M-132	OFOI	2																								floor standing		
n/a		SL-13		FOUR-LEVEL STORAGE RACK			Breakdown Room	Soils Lab	M-132	OFOI	1																								table top		
n/a		SL-14		CONCRETE PEDESTAL w/ WOOD TOP			Breakdown Room	Soils Lab	M-132	OFOI	1																								use to support a scale / may have some purpose at new facility		
n/a		SL-15		WOODEN WORK BENCH w/ STEEL TOP			Breakdown Room	Soils Lab	M-132	OFOI	1																								heavy / might be replaced?		
E01497	Survey Sheet	SL-16	can't find	GRAVITY CONVECTED OVEN LABLINE	Labline	3505M	Open Lab	Soils Lab	M-133	OFOI	1								plug	120		1300														table top	
E13551	Survey Sheet	SL-17	need model # to find	COMPRESSION TESTING APPARATUS FARNELL	Farnell		Open Lab - Triaxial Area	Soils Lab	M-133	OFOI	1								plug	120																load frame on wheels / heavy COMPRESSED AIR -- PSI? FROM AIR COMPRESSOR OR BUILDING SUPPLY?	
SS0088	Survey Sheet	SL-18	Cutsheet	COMP. LOAD FRAME 250K w/ LC1 DIG. FORNEY	Forney	F-250C-LC-1	Open Lab - Compression Area	Soils Lab	M-133	OFOI	1								plug	120	15													X?	on frame w/ wheels / extremely heavy - has lifting eyebolt		
CC3670	Survey Sheet	SL-19	Cutsheet	EROSION FUNCTION APPARATUS (EFA) w/ step-up trans.	Humboldt	HM-4000	EFA Room	Soils Lab	M-133	OFOI	1								plug	240			3				X	X							X	retractable casters / no step-up trans at new fac. / WATER -- hot&cold water DRAIN -- FLOOR DRAIN, TO CONTAINER, DIRECT?	
n/a		SL-20		COMPUTER TABLE FOR EFA MACHINE			EFA Room	Soils Lab	M-133	OFOI	1																								table for EFA computer & monitor		
n/a		SL-21		WOODEN TALL TABLE			Open Lab	Soils Lab	M-133	OFOI	1																								used to store equipment and lab cart		
R17004	Survey Sheet	SL-22	Cutsheet	AUTOMATED TRIAXIAL LOAD APPARATUS SYSTEM	Geocomp	LoadTrac-II & FlowTrac-II	Open Lab - Triaxial Area	Soils Lab	M-133	OFOI	1								plug	120							X	X?	X						X	unit consists of load frame and 2 pressure pumps / on steel tables WATER -- HOT, COLD, DI? PIPED DRAIN -- TO CONTAINER, FLOOR DRAIN, SINK, DIRECT? COMPRESSED AIR -- PSI? BULDING SUPPLY	
n/a	Survey Sheet	SL-23	NA	Tx COMPUTER AND ACCESSORY CABINET	NA	NA	Open Lab - Triaxial Area	Soils Lab	M-133	OFOI	1								plug	120							X									wooden cabinet w/ wheels - houses computer, monitor, etc.	
n/a	Survey Sheet	SL-24		WOODEN TX CHAMBER PEDESTAL			Open Lab - Triaxial Area	Soils Lab	M-133	OFOI	1																									floor standing / sample prep area before placement in load frame	
R39956	Survey Sheet	SL-25	Cutsheet	truepath automated stress triaxial compression	GeoTac	TruePath (Sigma-1 and DigiFlow)	Open Lab - Triaxial Area	Soils Lab	M-133	OFOI	1								plug	120																unit consists of load frame and 2 pressure pumps / table mounted	
EE2307	Survey Sheet	SL-26	can't find	AUTOMATED TRIAXIAL TESTING MACHINE	Geocomp	LoadTrac	Open Lab - Triaxial Area	Soils Lab	M-133	OFOI	1								plug	120																old Tx load frame	
088513	Survey Sheet	SL-27	Cutsheet	LOAD FRAME - 5 TON W F TRITECH	Wykeham-Farrance	Tritech	Open Lab	Soils Lab	M-133	OFOI	1								plug	120		600														older Tx load frame	
JJ0927	no photo	SL-28	Cutsheet	PERMEABILITY PANEL BOARD TRIAX	Brainard-Kilman	S-500	Open Lab - Triaxial Area	Soils Lab	M-133	OFOI	1								plug	110																old Tx control panel / bench standing - not used will this be in use in the future? If so, what utilities will it use and how will they be provided?	
LL3115	Survey Sheet	SL-29	can't find	FREEZER 14.8 CU FT LABORATORY CHEST	Revco	ULT1530A14	Breakdown Room	Soils Lab	M-133	OFOI	1								plug	120	6															floor standing	
088469	Survey Sheet	SL-30	can't find	Qu COMPRESSION MACHINE-SOILTEST	Soil Test	U-600	Open Lab	Soils Lab	M-133	OFOI	1								plug	120																table standing / small, but heavy	

**IDOT EQUIPMENT MATRIX  
2.6 SOILS**

\* SEE THE EQUIPMENT MATRIX TABLE OF CONTENTS FOR THE LEGENDS

IDOT EQUIPMENT ID	SURVEY SHEET	TYPE TAG	CUTSHEET	IDENTIFICATION			LOCATION AND QUANTITY								DIMENSIONS, MOUNTING								ELECTRICAL & DATA										PLUMBING		SERVICES		ENV		REMARKS	
				EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL NO.	NEW ROOM NAME	EXISTING ROOM NAME	EXISTING ROOM NUMBER	OFOI/OFCI/CFCI	EXISTING TO BE RELOCATED	EXISTING TO REPLACE	EXISTING TO DISCARD	PROPOSED NEW PURCHASE	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)	MOUNTING	# OF OUTLETS	DEDIC. CIRCUITS	UPS	HARD WIRE / PLUG	VOLT	AMP	WATTS	PHASE - SINGLE UNO	EMERGENCY POWER	HAS LOCAL UPS	HAS A DISCONNECT BOX	DATA CONN.	WATER NEEDS	DRAIN	COMP. AIR	VACUUM	CO2	OTHER GASES	EXHAUST	VIBRATION PLATFORM		GC TO VERIFY ALL ELEC. DATA, PLUMB. SERVICES, & ENV. CRITERIA IN FIELD
R07596	Survey Sheet	SL-31	can't find	DUAL WHEEL GRINDER POLISHER	Mark V Lab	3B/4B SERIES	Open Lab	Soils Lab	M-133	OFOI	1								plug	120																			X	table standing / can be placed near sink for water and drain WATER -- COLD, PIPED? DRAIN -- DRAIN TO SINK
CC9995	Survey Sheet	SL-32	Cutsheet	LEXMARK PRINTER - W840DN	Lexmark	W840	Open Lab - Write-up Area	Soils Lab	M-133	OFOI	1								plug	120		700																		network laboratory printer w/ floor stand
E28646		SL-33	NA	SHEARBOX APPARATUS W ATTACHMENTS SN344	Wykeham-Farrance		Open Lab - Triaxial Area	Soils Lab	M-133	OFOI				4					plug	120																			irreparable direct shear machine w/ floor stand - heavy	
E13804	Survey Sheet	SL-34	can't find	MACHINE 1 TESTING CONSOLIDATION SN967	Wykeham-Farrance	24000	Open Lab - Consolidometers	Soils Lab	M-133	OFOI	1								plug																		X	These two consolidometers (1 & 2) are mounted on same table (33X36X73) COMPRESSED AIR -- PSI? PROVIDED BY AIR POWERED DROP MECHANISM		
E13805	Survey Sheet	SL-35	can't find	MACHINE 2 TESTING CONSOLIDATION SN968	Wykeham-Farrance	24000	Open Lab - Consolidometers	Soils Lab	M-133	OFOI	1								plug																		X	COMPRESSED AIR -- PSI? PROVIDED BY AIR POWERED DROP MECHANISM		
E13806	Survey Sheet	SL-36	can't find	MACHINE 3 TESTING CONSOLIDATION SN975	Wykeham-Farrance	24000	Open Lab - Consolidometers	Soils Lab	M-133	OFOI	1								plug																		X	These five (3-7) are mounted to another table. (73X36X73) The wo tables are butted-up to one another. A top shelf framework spans and is connected to both tables. Air powered drop mechanism spans both tables also. Can be disassemble and then reassembled on site. These must be transferred to new facility. COMPRESSED AIR -- PSI? PROVIDED BY AIR POWERED DROP MECHANISM		
E02095	Survey Sheet	SL-37	can't find	MACHINE 4 TESTING CONSOLIDATION SN264	Wykeham-Farrance	Con-1	Open Lab - Consolidometers	Soils Lab	M-133	OFOI	1								plug																		X	COMPRESSED AIR -- PSI? PROVIDED BY AIR POWERED DROP MECHANISM		
E02094	Survey Sheet	SL-38	can't find	MACHINE 5 TESTING CONSOLIDATION SN263	Wykeham-Farrance	Con-1	Open Lab - Consolidometers	Soils Lab	M-133	OFOI	1								plug																		X	COMPRESSED AIR -- PSI? PROVIDED BY AIR POWERED DROP MECHANISM		
E13596	Survey Sheet	SL-39	can't find	MACHINE 6 TESTING CONSOLIDATION SN261	Wykeham-Farrance	Con-1	Open Lab - Consolidometers	Soils Lab	M-133	OFOI	1								plug																		X	COMPRESSED AIR -- PSI? PROVIDED BY AIR POWERED DROP MECHANISM		
E02093	Survey Sheet	SL-40	can't find	MACHINE 7 TESTING CONSOLIDATION	Wykeham-Farrance	Con-1	Open Lab - Consolidometers	Soils Lab	M-133	OFOI	1								plug																		X	COMPRESSED AIR -- PSI? PROVIDED BY AIR POWERED DROP MECHANISM		
E13682	Survey Sheet	SL-41	need model # to find	HYDROMETER BATH	Blue-M	on front face of instrument?	Open Lab - Classification	Soils Lab	M-133	OFOI	1								plug	120		1000															X	water should be plumbed / place by sink for drainage WATER -- COLD, PIPED DRAIN -- TO SINK		
n/a		SL-42		GLASSWARE DRYING RACK			Open Lab - Classification	Soils Lab	M-133	OFOI	1																												wall hanging	
n/a		SL-43		STEEL TOOL CABINET			Open Lab	Soils Lab	M-133	OFOI	1																												standard floor standing sheet metal tool cabinet	
n/a		SL-44		WOODEN SHELBY TUBE RACK			EFA Room - Shelby Tube Prep Area	Soils Lab	M-133	OFOI	1																												wooden rack w/ wheels	
n/a		SL-45		WOODEN WORK BENCH w/ STEEL TOP			Open Lab	Soils Lab	M-133	OFOI	1																												heavy / might be replaced?	
n/a		SL-46		WOODEN WORK BENCH w/ STEEL TOP			Open Lab - Classification	Soils Lab	M-133	OFOI	1																													heavy / might be replaced?
n/a		SL-47		4-DRAWER FILE CABINET			Open Lab - Write-up Area	Soils Lab	M-133	OFOI	2																												standard floor standing file cabinet	
n/a		SL-48		5-DRAWER FILE CABINET-GRAY			Open Lab - Write-up Area	Soils Lab	M-133	OFOI	1																												standard floor standing file cabinet	
n/a		SL-49		2-DRAWER FILE CABINET			Open Lab - Write-up Area	Soils Lab	M-133	OFOI	4																												standard floor standing file cabinet	
n/a		SL-50		WOODEN BOOKSHELF			Open Lab - Write-up Area	Soils Lab	M-133	OFOI	1																												floor standing book shelf for county maps, etc.	
52915		SL-51		HALF-DESK-STEEL-LABORATORY			Open Lab - Write-up Area	Soils Lab	M-133	OFOI	1																												might be replaced?	
n/a		SL-52		FULL-SIZE DESK-LABORATORY-LAM. WOOD TOP			Open Lab - Write-up Area	Soils Lab	M-133	OFOI	1																												might be replaced?	
69146	Survey Sheet	SL-53	need model # to find	10 CU.FT. REFRIGERATOR	Admiral		Open Lab - Write-up Area	Soils Lab	M-153	OFOI	1								plug	120																				modified refrigerator for laboratory use
n/a		SL-54		5-DRAWER FILE CABINET-GRAY			Open Lab - Write-up Area	Soils Lab	M-153	OFOI	3																												standard floor standing file cabinet	
n/a		SL-55		4-DRAWER FILE CABINET-GRAY			Open Lab - Write-up Area	Soils Lab	M-153	OFOI	3																												standard floor standing file cabinet	
n/a		SL-56		5-DRAWER LEGAL FILE CABINET-WHITE			Open Lab - Write-up Area	Soils Lab	M-153	OFOI	1																												floor standing legal size file cabinet	
n/a		SL-57		2-DRAWER FILE CABINET-GRAY			Open Lab - Write-up Area	Soils Lab	M-153	OFOI	1																												standard floor standing file cabinet	
n/a		SL-58		STEEL BOOKSHELF			Open Lab - Write-up Area	Soils Lab	M-153	OFOI	1																												floor standing shelves	



**IDOT EQUIPMENT MATRIX  
2.7 CHEMISTRY**

CA-CXX- Cement TESTING AREA  
CA-PXX- Paint TESTING AREA  
CA-WXX- Weather AREA

\* SEE THE EQUIPMENT MATRIX TABLE OF CONTENTS FOR THE LEGENDS

IDOT Equipment ID	SURVEY SHEET	Cutsheet	TYPE TAG	IDENTIFICATION			LOCATION AND QUANTITY										DIMENSIONS, MOUNTING				ELECTRICAL & DATA							PLUMBING			ENV		OTHER	REMARKS							
				EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL NO.	NEW ROOM NAME	EXISTING ROOM NAME	EXISTING ROOM NUMBER	OFOI/OFCI/CFCI	EXISTING TO BE RELOCATED	EXISTING TO REPLACE	EXISTING TO DISCARD	PROPOSED NEW PURCHASE	PROPOSED FUTURE PURCHASE	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)	MOUNTING	# OF OUTLETS	DEDIC. CIRCUITS	UPS	HARD WIRE / PLUG	VOLT	AMP	WATTS	PHASE - SINGLE UNO	EMERGENCY POWER	HAS LOCAL UPS	HAS A DISCONNECT BOX	DATA CONN.	WATER NEEDS	DRAIN		COMP. AIR	VACUUM	EXHAUST	VIBRATION PLATFORM	GC TO VERIFY ALL ELEC. DATA, PLUMB. SERVICES, & ENV. CRITERIA IN FIELD		
K02821	Survey Sheet	Cutsheet	CA-P01	COLOR SPECTROPHOTOMETER W/ COMPUTER WORKSTATION	Hunter Lab	LabScan XE	Analytical Lab - "Everything Else"	AC Lab	150	OFOI	X									Plug	100-240		180VA					X												Desktop Instrument, need to include more benchtop space for computer workstation. One outlet for computer, one outlet for light source.	
K05757	Survey Sheet	Cutsheet	CA-P02	PARTICLE ANALYZER FOR GLASS BEADS W/ COMPUTER WORKSTATION AND PRINTER	Retsch	Camsizer	Analytical Lab - "Everything Else"	Bead Room	124	OFOI	X									Plug	115		60					X			X?					X	Attached computer/printer/monitor PRINTER MODEL HP DESKJET 6940 one outlet for computer, one outlet for printer, one outlet for camsizer				
LL3697	Survey Sheet	Cutsheet	CA-P03	LAB OVEN GENERAL W TIMER	Lindberg/Blue	MO1450TSA-1	Analytical Lab - "Everything Else"	Bead Room	124	OFOI	X									round Plug	120	17															X	Unique ac plug outlet			
R07604	Survey Sheet	cant find	CA-P04	LAB OVEN ISOTEMP (paint)	Fisher Scientific	Isotemp	Analytical Lab - "Everything Else"	AC Lab	150	OFOI	X									Plug	120														x		X	EXHAUST -- IN FUMEHOOD			
R07605	Survey Sheet	Cutsheet	CA-P05	BLUE M LARGE OVEN (Thermoplastic)	Blue M	LO 430 E	Analytical Lab - "Everything Else"	BC Lab	145	OFOI	X									Hardwired	230	32	7000				X								x		X	EXHAUST -- IN FUMEHOOD			
KK1902		Cutsheet	CA-P06	BALANCE STD LEVEL (Paint)	Mettler	PG5001-S	Analytical Lab - "Everything Else"	AC Lab	150	OFOI	X									Plug	120		9VA																		
R40560	Survey Sheet	Cutsheet	CA-P10	Taber abrader w/ vacuum	Taber Industries	1700	Analytical Lab - "Everything Else"	Bead Room	124	OFOI	X									Plug	120																	Attached vacuum unit One outlet for instrument and one outlet for vacuum			
SS0189	Survey Sheet	Cutsheet	CA-P11	Skid resistance	Stanley-London	Portable Skid Resistance Tester	Analytical Lab - "Everything Else"	Bead Room	124	OFOI	X																														
K05751	Survey Sheet	Cutsheet	CA-P12	DELTA LTL-X RETROMETER W GPS (FIELD WORK)	Flint Trading	LTL-X	Analytical Lab - Photometric Lab	AC Lab	150	OFOI	X									Plug	120																		STORAGE SPACE, FIELD WORK, LTLX DELTA, 934 PORTABLE		
LL7804	Survey Sheet	Cutsheet	CA-P13	SIEVER SHAKER	Retsch	AS200	Analytical Lab - "Everything Else"	Bead Room	124	OFOI	X									Plug			460																		
LL3180	Survey Sheet	need model # to find	CA-P14	Softening Point, Stirrer, Titration Station	Sybron Thermolyne (Stir Plate), Fisher Scientific (Stirrer), ???	Nuova II (Stir Plate), Jumbo Stirrer (Stirrer), ???	Analytical Lab - "Everything Else"	AC Lab	150	OFOI	X									Plug																X			Needs Ventilation EXHAUST -- SNORKEL		
R24755	Survey Sheet	Cutsheet	CA-P15	Bench Top Freezer	Thermo Scientific	3757	Analytical Lab - "Everything Else"	AC Lab	150	OFOI	X										115	1.2																			
R39112	Survey Sheet	Cutsheet	CA-P16	Hot Plate (paint side)	Thermo Scientific	HPA2245MQ	Analytical Lab - "Everything Else"	AC Lab	150	OFOI	X									Hardwired	120	26.6	3200													x		X	EXHAUST -- INSIDE FUMEHOOD OR SNORKEL		
R34863		-	CA-P17	Dish dry rack	Fischer Scientific		Analytical Lab - Cementitious	AC Lab	150	OFOI	X																														
E13574	Survey Sheet	NA	CA-P18	Paint Shaker	Red Devil	Not found	Analytical Lab - "Everything Else"	Solvent room	149	OFOI	X																														
K02902	Survey Sheet	Cutsheet	CA-P19	DIGITAL STORMER VISOMETER Old	BYK	DS	Analytical Lab - "Everything Else"	Storage Room	124	OFOI	X									Plug	100-230																			SHARED SCALE, PAINT TESTS	
R40550		not finding anything with that model #	CA-P20	DIGITAL STORMER VISOMETER New	BYK	1198457	Analytical Lab - "Everything Else"	AC Lab	150	OFOI	X																													SHARED SCALE, PAINT TESTS	
K02904	Survey Sheet	Cutsheet	CA-P21	CHEMICAL LAB PAINT SAMPLING BATH	Lauda	RE120		AC Lab	450	OFOI										Plug	100/115/230		1200/4400/2000													X					DRAIN -- TO SINK
	new equipment	Cutsheet	CA-P30	CHEMICAL LAB PAINT SAMPLING BATH	Lauda	RA24	Analytical Lab - "Everything Else"	-	-	OFOI										Plug	115		1500												X					DRAIN -- TO SINK	
088550	Survey Sheet	Cutsheet	CA-P22	ELECTRONIC BALANCE (Paint)	Mettler	AE 200	Analytical Lab - "Everything Else"	AC Lab	150	OFOI	X									Plug	120		10VA																		
JJ6845	Survey Sheet	Cutsheet	CA-P23	Scale	Mettler	PC4400	Analytical Lab - "Everything Else"	Bead Room	124	OFOI	X									Plug	120		16VA																		
K07994	Survey Sheet	NA	CA-P24	Desiccator Paint Side	Fischer Scientific	Not found	Analytical Lab - "Everything Else"	AC Lab	150	OFOI	X																														
R40233	Survey Sheet	Cutsheet	CA-P25	Micro-TRI Glossmeter	BYK	4563	Analytical Lab - "Everything Else"	AC Lab	150	OFOI	X																														
229500		Cutsheet	CA-P26	Glas-Col Heating Mantel (signblank)	Glas-Col	CH095	Analytical Lab - "Everything Else"	AC Lab	150	OFOI	X																													Needs Ventilation EXHAUST -- FH? SNORKEL? DIRECT CONNECTION?	
081021	Survey Sheet	can't find	CA-P27	SPECTROPHOTOME COLOR VIEW W ASSEMBLY	BYK	9000	Analytical Lab - "Everything Else"	AC Lab	150	OFOI	X									Plug	120							X											Desktop Instrument		
R39942	Survey Sheet	Cutsheet	CA-P28	muffle furnace 208v (Paint/Thermoplastic)	Thermo Scientific	F6028C	Analytical Lab - "Everything Else"	AC Lab	150	OFOI	X									Hardwired	208	19.2	4000				X									x		X	EXHAUST -- IN FUMEHOOD		

**IDOT EQUIPMENT MATRIX  
2.7 CHEMISTRY**

CA-CXX- Cement TESTING AREA  
CA-PXX- Paint TESTING AREA  
CA-WXX- Weather AREA

\* SEE THE EQUIPMENT MATRIX TABLE OF CONTENTS FOR THE LEGENDS

IDOT Equipment ID	SURVEY SHEET	Cutsheet	TYPE TAG	IDENTIFICATION			LOCATION AND QUANTITY								DIMENSIONS, MOUNTING				ELECTRICAL & DATA							PLUMBING			ENV		OTHER	REMARKS							
				EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL NO.	NEW ROOM NAME	EXISTING ROOM NAME	EXISTING ROOM NUMBER	OFOI/OFCI/CFCI	EXISTING TO BE RELOCATED	EXISTING TO REPLACE	EXISTING TO DISCARD	PROPOSED NEW PURCHASE	PROPOSED FUTURE PURCHASE	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)	MOUNTING	# OF OUTLETS	DEDIC. CIRCUITS	UPS	HARD WIRE / PLUG	VOLT	AMP	WATTS	PHASE - SINGLE UNO	EMERGENCY POWER	HAS LOCAL UPS	HAS A DISCONNECT BOX	DATA CONN.		WATER NEEDS	DRAIN	COMP. AIR	VACUUM	EXHAUST	VIBRATION PLATFORM	GC TO VERIFY ALL ELEC. DATA, PLUMB. SERVICES, & ENV. CRITERIA IN FIELD
R26588		Cutsheet	CA-P29	932 RETROREFLECTOMET ER	Roadvista	932	Analytical Lab - Photometric Lab	AC Lab	150	OFOI	X									Plug	120					-	-	X	-	-	-	-	-	-	-	-	-	STORAGE SPACE, FIELD WORK, LTLX DELTA, 934 PORTABLE	
R01908	Survey Sheet	Cutsheet	CA-C01	HERATHERM GP OVEN 60L (cement)	Thermo Scientific	OGS60	Analytical Lab - Cementitious	AC Lab	150	OFOI	X									Plug	120	14.4	1730	-				-	-	-	-	-	-	-	-	X			
R07574	Survey Sheet	Cutsheet	CA-C02	CENTRIFUGE	ThermoFisher Scientific	Legend X1	Analytical Lab - Cementitious	AC Lab	150	OFOI	X									PLUG	120	9.5	850			-	-		-	-	-	-	-	-	-	-	(35) is with lid open, produces vibration		
R30823	Survey Sheet	Cutsheet	CA-C03	VACUUM PUMP 115VAC 60HZ	Welch	RB0823 1400B-01 A	Analytical Lab - Cementitious	AC Lab	150	OFOI	X									PLUG	115	5.6		-		-	-		-	-	-	-	-	-	-	X	BELL JAR EXHAUST -- DIRECT CONNECTION?		
R39444	Survey Sheet	Cutsheet	CA-C04	muffle furnace 208v (Cement)	Thermo Scientific	F6028C	Analytical Lab - Cementitious	AC Lab	150	OFOI	X									Hardwired	208	19.2	4000			X		-	-	-	-	-	-	-	-	X	EXHAUST -- IN FUMEHOOD		
R38149	Survey Sheet	Cutsheet	CA-C05	ATOMIC w/ ABSORPTION SPECTROMETER w/ COMPUTER	Perkin Elmer	PinAAcle 500	Analytical Lab - Cementitious	AC Lab	150	OFOI	X									Plug	100-230	4-8	800VA	-		X		X	X	-	-	-	-	-	-	X	needs air/acetylene/nitrous oxide EXHAUST -- UNDER CANOPY HOOD; DRAIN -- TO CONTAINER COMPRESSED AIR -- PSI? COMPRESSED AIR FROM AIR COMPRESSOR? OR PIPED FROM BUILDING SUPPLY?		
R03443		Cutsheet	CA-C07	Hot Plate (cement side)	Barnstead Thermolyne	Type 2200	Analytical Lab - Cementitious	AC Lab	150	OFOI	X									Hardwired	120/240	26.6/13/3	3200			X		-	-	-	-	-	-	-	-	X	NEEDS HYDROFLORIC ON HOT PLATES; EXHAUST -- NEEDS TO BE IN THE FUMEHOOD		
EE6749	Survey Sheet	Potential Cutsheet	CA-C08	Isotemp Incubator (cement side)	Fisher Scientific	500 Series	Analytical Lab - Cementitious	AC Lab	150	OFOI	X									Plug	120/240	-	260-320	x				-	-	-	-	-	-	-	-	X	emergency power		
E28775	Survey Sheet	Cutsheet	CA-C09	BALANCE 11274-653-AE163 (Cement)	Mettler	AE163	Analytical Lab - Cementitious	AC Lab	150	OFOI	X									Plug	115		10VA			-	-		-	-	-	-	-	-	-	-	(includes cord space) need extra room to weigh from either side		
LL3090	Survey Sheet	Cutsheet	CA-C10	BALANCE AG204 (Cement-Mike)	Mettler Toledo	AG204	Analytical Lab - Cementitious	AC Lab	150	OFOI	X									Plug	115	0.195				-	-		-	-	-	-	-	-	-	-	need more room to weigh out of either side doors		
R28838	Survey Sheet	Cutsheet	CA-C11	THERMOLYNE 2.1L MUFFLE FURNACE (Cement-Small)	Thermo Scientific	FB1415M	Analytical Lab - Cementitious	AC Lab	150	OFOI	X									Plug	120	12	1450			-	-		-	-	-	-	-	-	-	X	EXHAUST -- IN FUMEHOOD		
R28839	Survey Sheet	Cutsheet	CA-C12	THERMOLYNE 2.1L MUFFLE FURNACE (Cement) (PLATINEL THERMOCOUPLE)	Thermo Scientific	FD1535M	Analytical Lab - Cementitious	AC Lab	150	OFOI	X									SEE NOTES	120	18.6	2240			-	-		-	-	-	-	-	-	-	X	EXHAUST -- IN FUMEHOOD; RETROFITTED FOR A PLUG; USER MANUAL HAS NOTE SAYING, "THIS HAS EURO THERM 3216 CONTROLLER MODULE."		
K07995		NA	CA-C13	Desiccator (cement side) 3 shelf	Fisher Scientific	Not found	Analytical Lab - Cementitious	AC Lab	150	OFOI	X																												
R26138	Survey Sheet	Cutsheet	CA-C14	AUTO TITRATION SAMPLER W 16 BEAKER TRAY 3PUMPS	Hannah Instruments	HI 902	Analytical Lab - Cementitious	AC Lab	150	OFOI	X									Plug	100-240	0.5				-	-	X	-	-	-	-	-	-	-	-	-		
R01917	Survey Sheet	Cutsheet	CA-C26	MORTAR MILL RM200 120V 60HZ	Retsch	RM 200	Analytical Lab - Cementitious	Bead Room	124	OFOI	X									Plug	230/120		250/290			-	-	-	-	-	-	-	-	-	-	-	-		
R07606	Survey Sheet	Cutsheet	CA-PH01	Aperture Wheel	Gamma Scientific	940	Analytical Lab - Photometric Lab	Tunnel	Tunnel	OFOI	X									Plug	120					-	-	-	-	-	-	-	-	-	-	-	X	Mounted to Photoreceptor Stand / Stacked Direct data connection to Control PC. (6) 120V plugs needed for photoreceptor stand equipment. Currently has 1 surge protector mounted on stand.	
R07607	Survey Sheet	cant find	CA-PH02	Low Uncertainty Photoreceptor	Gamma Scientific	940LUPR	Analytical Lab - Photometric Lab	Tunnel	Tunnel	OFOI	X									Plug	120					-	-	-	-	-	-	-	-	-	-	-	X	Mounted to Photoreceptor Stand / Stacked	
	Survey Sheet	Cutsheet	CA-PH03	Photodetector / Transimpedance Amplifier	Gamma Scientific	TIA-3000 / 19847	Analytical Lab - Photometric Lab	Tunnel	Tunnel	OFOI	X									Plug	120					-	-	-	-	-	-	-	-	-	-	-	-	X	Mounted to Photoreceptor Stand / Stacked
R17020	Survey Sheet	can't find	CA-PH04	Digital Goniophotometer	Gamma Scientific	940DG	Analytical Lab - Photometric Lab	Tunnel	Tunnel	OFOI	X									Plug	120					X	-	-	-	-	-	-	-	-	-	-	X	Connection to Control Workstation and power supply	
	Survey Sheet	can't find	CA-PH05	Digital Goniophotometer Power Supply	Gamma Scientific	9401C	Analytical Lab - Photometric Lab	Tunnel	Tunnel	OFOI	X									Plug	120					-	-	-	-	-	-	-	-	-	-	-	-	X	Powers Superior Electric SLO-SVN Motor
	Survey Sheet	NA	CA-PH06	Digital Goniophotometer Workstation	NA	NA	Analytical Lab - Photometric Lab	Tunnel	Tunnel	OFOI	X									Plug	120					-	-	X	-	-	-	-	-	-	-	-	X	Internet data connection and direct data connection to equipment	
	Survey Sheet	NA	CA-PH07	TV Monitor	NA	NA	Analytical Lab - Photometric Lab	Tunnel	Tunnel	OFOI	X									Plug	120					-	-	-	-	-	-	-	-	-	-	-	-	X	Monitor is rarely used. Still be determined if needed.
	Survey Sheet	NA	CA-PH08	Prep Table	NA	NA	Analytical Lab - Photometric Lab	Tunnel	Tunnel	OFOI	X															-	-	-	-	-	-	-	-	-	-	-	-	-	Compressed air is not required or needed
no tag	Survey Sheet	Cutsheet	CA-W01	Q-LAB QUV	QLAB/Old	QUV/SE	Analytical Lab - Weather Lab	Bead Room	124	OFOI	X									Plug Twist Lock	120	16				-	-		x	x	-	-	-	-	-	-	X	No State Tag, Stacked on top of CA-W02, WATER -- DI water hookup DRAIN -- ??	
R40234	Survey Sheet	Cutsheet	CA-W02	Q-LAB QUV gen 4 solar eye model 120v	QLAB/New	QUV/SE	Analytical Lab - Weather Lab	Bead Room	124	OFOI	X									Plug Twist Lock	120	16				-	-		x	x	-	-	-	-	-	-	X	overhead ac outlet, WATER -- DI water hookup DRAIN -- floor drain	



**IDOT EQUIPMENT MATRIX  
2.7 CHEMISTRY**

CA-CXX- Cement TESTING AREA  
CA-PXX- Paint TESTING AREA  
CA-WXX- Weather AREA

\* SEE THE EQUIPMENT MATRIX TABLE OF CONTENTS FOR THE LEGENDS

IDOT Equipment ID	SURVEY SHEET	Cutsheet	IDENTIFICATION			LOCATION AND QUANTITY								DIMENSIONS, MOUNTING				ELECTRICAL & DATA							PLUMBING			ENV		OTHER	REMARKS									
			TYPE TAG	EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL NO.	NEW ROOM NAME	EXISTING ROOM NAME	EXISTING ROOM NUMBER	OFOI/OFCI/CFCI	EXISTING TO BE RELOCATED	EXISTING TO REPLACE	EXISTING TO DISCARD	PROPOSED NEW PURCHASE	PROPOSED FUTURE PURCHASE	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)	MOUNTING	# OF OUTLETS	DEDIC. CIRCUITS	UPS	HARD WIRE / PLUG	VOLT	AMP	WATTS	PHASE - SINGLE UNO	EMERGENCY POWER	HAS LOCAL UPS	HAS A DISCONNECT BOX		DATA CONN.	WATER NEEDS	DRAIN	COMP. AIR	VACUUM	EXHAUST	VIBRATION PLATFORM	GC TO VERIFY ALL ELEC. DATA, PLUMB. SERVICES, & ENV. CRITERIA IN FIELD	
	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-11A	CHILLER	FISHER SCIENTIFIC	500LCU	Bituminous Lab (QC)	BC Lab	145	OFOI	x						9	19	25	F	1	X	Plug	115	11.7	1000							X			X		X	DRAIN -- TO BUCKET; EXHAUST -- SNORKEL OR CANOPY HOOD	
E28644	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-11B	PUMP	Precision Scientific	D150	Bituminous Lab (QC)	BC Lab	145	OFOI	2						7	14	5		1	X	Plug	120/240											?	X		X		
R07532	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-12	Dynamic Shear Rheometer (A) w/ computer	AntonPaar	Physica SmartPave 101	Bituminous Lab (QC) - PG Asphalt	BC Lab	145	OFOI	x						20	24	25	B	4		Plug	120		850				X			X				X		BUNSEN BURNER COMPRESSED AIR -- DRY, FROM BUILDING SUPPLY	
	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-12A	RECIRCULATING CHILLER FOR Dynamic Shear Rheometer (A)	JULABO	AWC100	Bituminous Lab (QC) - PG Asphalt	BC Lab	145	OFOI	x						9	15	18	F	1		Plug	115	1												X		WATER -- HANDFILLED, FLOOR DRAIN NOT NECESSARY CHILLER IS A SELF CONTAINED SYSTEM AND CAN EASILY BE MOVED	
R07620	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-13	Dynamic Shear Rheometer (C) w/ computer	AntonPaar	Physica SmartPave 101	Bituminous Lab (QC) - PG Asphalt	BC Lab	145	OFOI	x						20	24	25	B	4		Plug	120		850			X				X				X		BUNSEN BURNER COMPRESSED AIR -- DRY, FROM BUILDING SUPPLY	
	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-14	Dynamic Shear Rheometer (B) w/ computer	AntonPaar	SmartPave 102e	Bituminous Lab (QC) - PG Asphalt	BC Lab	145	OFOI	x						18	23	27	B	4		Plug	120					X			X				X		BUNSEN BURNER COMPRESSED AIR -- DRY, FROM BUILDING SUPPLY		
LL7560	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-15	Cleaning Oven (pyroclean)	Tempyrox	3AB	Bituminous Lab (QC)	BC Lab	145	OFOI			x				33	30	41	Stand	2	X	Plug	240		3500-6500										X		X	EXHAUST -- DIRECT, Exhaust noxious 30" right side clearance Functioning 1 may be replaced	
LL3698	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-16	Cleaning Oven (pyroclean)	Tempyrox	5AB	Bituminous Lab (QC)	BC Lab	145	OFOI	x						37	32	46	Stand	2	X	Plug	240	26											X		X	EXHAUST -- DIRECT, Exhaust noxious 30" right side clearance Functioning 1 may be replaced	
E13798	<a href="#">Survey Sheet</a>	NA	CB-17	Cleveland Flash Tester	Fisher/Tag	Not found	Bituminous Lab (QC)	BC Lab	145	OFOI	x						10	12	12	B	1			120														used for both low and high flash points (250 deg C+) EXHAUST -- IN FUMEHOOD		
E13780	<a href="#">Survey Sheet</a>	NA	CB-18	Cleveland Flash Tester	Fisher/Tag	Not found	Bituminous Lab (QC)	BC Lab	145	OFOI	x						10	12	12	B	1			120														used for both low and high flash points (250 deg C+) EXHAUST -- IN FUMEHOOD		
R01801	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-19	Cleveland Flash Tester (NOT WORKING)	Koehler	K13900	Bituminous Lab (QC)	BC Lab	145	OFOI	x						9	12	14	B	1			120	9													used for both low and high flash points (250 deg C+) EXHAUST -- Must be in hood		
	<a href="#">Survey Sheet</a>	NA	CB-20	Tag Flash Tester	Fisher/Tag	Not found	Bituminous Lab (QC) - Cutback Testing	BC Lab	145	OFOI	x						10	12	12	B	1			120															used for low flash points (under 100 deg C) EXHAUST -- IN FUMEHOOD	
	<a href="#">Survey Sheet</a>	NA	CB-21	Electric Heated Pot (HPJS) (in fumedhood in corner)	Sta-Warm	Not found	Bituminous Lab (QC) - Hot Pour Sealer	BC Lab	145	OFOI	x						14	14	14	B	1			120															EXHAUST -- IN FUMEHOOD	
	<a href="#">Survey Sheet</a>	NA	CB-22	Flow Meter (Abson)	Lab Crest	Not found	Bituminous Lab (QC)	BC Lab	145	OFOI	x						6	6	12	B	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		X	Uses CO2 from cylinder	
SS0130	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-23	Force Ratio Controller	Lucas Schaevitz	MP2000	Bituminous Lab (QC)	BC Lab	145	OFOI	x						5	5	6		1		Plug	120																test sunset next year
SS0130	<a href="#">Survey Sheet</a>	cutsheet not found	CB-24	Force Ratio LVDT (A)	R/H Specialty & Machine	FD-4A	Bituminous Lab (QC)	BC Lab	145	OFOI	x						5	5	6		0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
EE6829	<a href="#">Survey Sheet</a>	cutsheet not found	CB-25	Force Ratio LVDT (B)	R/H Specialty & Machine	FD-4A	Bituminous Lab (QC)	BC Lab	145	OFOI	x						5	5	6		0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
CC3681	<a href="#">Survey Sheet</a>	NA?	CB-26	Freezer (Bond Tester)	Fisher/In-house; Toshiba (transistor inverter); David Brown Radicon	13-986-327L (Fisher); G7 (Toshiba); ?? (David Brown Radicon)	Bituminous Lab (QC) - Hot Pour Sealer	BC Lab	145	OFOI	x						51	36	84	F	3	X	Plug and Hardwire?	230 (Fisher); 208/230 (Toshiba); 120? (David Brown Radicon)	7.4 (Fisher)														X	
R24754	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-27	Freezer (benchtop)	Norlake	LF021WWW/0M	Bituminous Lab (QC)	BC Lab	145	OFOI	x						18	18	20	B	1		Plug	120	1.2															
R36802	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-28	Heat Mantle	Glas-col	100C M102	Bituminous Lab (QC)	BC Lab	145	OFOI	x						7	7	5		1		Plug	120	-	180													EXHAUST -- SHOULD BE LOCATED IN A HOOD, OR UNDER A CANOPY/SNORKEL DUE TO THE TEST THAT USES IT	
R01918	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-29	Hot Plate (Remote Controlled)	Thermolyne	RC2240	Bituminous Lab (QC) - Emulsified Asphalt	BC Lab	145	OFOI	x						31	12	6	B	1	X	Plug	240	13.3	3200													EXHAUST -- CANOPY HOOD ABOVE	

**IDOT EQUIPMENT MATRIX  
2.7 CHEMISTRY**

CA-CXX- Cement TESTING AREA  
CA-PXX- Paint TESTING AREA  
CA-WXX- Weather AREA

\* SEE THE EQUIPMENT MATRIX TABLE OF CONTENTS FOR THE LEGENDS

IDENTIFICATION							LOCATION AND QUANTITY								DIMENSIONS, MOUNTING				ELECTRICAL & DATA								PLUMBING			ENV		OTHER	REMARKS										
IDOT Equipment ID	SURVEY SHEET	Cutsheet	TYPE TAG	EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL NO.	NEW ROOM NAME	EXISTING ROOM NAME	EXISTING ROOM NUMBER	OFOI/OFCI/CFCI	EXISTING TO BE RELOCATED	EXISTING TO REPLACE	EXISTING TO DISCARD	PROPOSED NEW PURCHASE	PROPOSED FUTURE PURCHASE	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)	MOUNTING	# OF OUTLETS	DEDIC. CIRCUITS	UPS	HARD WIRE / PLUG	VOLT	AMP	WATTS	PHASE - SINGLE UNO	EMERGENCY POWER	HAS LOCAL UPS	HAS A DISCONNECT BOX	DATA CONN.	WATER NEEDS		DRAIN	COMP. AIR	VACUUM	EXHAUST	VIBRATION PLATFORM	GC TO VERIFY ALL ELEC. DATA, PLUMB. SERVICES, & ENV. CRITERIA IN FIELD				
JJ0717	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-30	Hydraulic Press	Carver	"M"	Bituminous Lab (QC)	BC Lab	145	OFOI	x					19	24	42	B	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SHARED W/ CHEMISTRY INSTRUMENT VACUUM PUMP BELOW PRESS REQUIRES NO ELECTRICAL POWER, BUT THE VACUUM PUMP IT USES REQUIRES POWER			
K07986		NA	CB-31	Instrument Repair Kit	Fisher	NA	Bituminous Lab (QC)	BC Lab	145	OFOI	x					12	18	24	B	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
R01799	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-32	Muffle Oven	Barnstead/Thermolyne	FB1415M	Bituminous Lab (QC)	BC Lab	145	OFOI	x					10	12	16	B	1	X		Plug	120	12	1450	-	-	-	-	-	-	-	-	-	-	x	-	-		EXHAUST -- Would like it to be in a fume hood		
E28614	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-33	Oven (emulsion station)	Blue M	OV 510A-2	Bituminous Lab (QC) - Emulsified Asphalt	BC Lab	145	OFOI	x					34	18	37	Stand	1	X		Plug	120	-	1600	-	-	-	-	-	-	-	-	-	-	x	-	X		EXHAUST -- CANOPY HOOD ABOVE ASSET NUMBER 78477711		
R39951	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-34	Oven (105 C)	Fisher	Isotemp 180L FA (151030512)	Bituminous Lab (QC) - Cutback Testing	BC Lab	145	OFOI	x					32	30	38	B	1	X		Plug	120	13.8	1660	-	-	-	-	-	-	-	-	-	x	-	-		EXHAUST -- CANOPY HOOD ABOVE			
E13969	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-35	Oven (PG 135 C)	Blue M	OV 510A-2	Bituminous Lab (QC) - PG Asphalt	BC Lab	145	OFOI	x					27	26	38	B	1	X		Plug	120	-	1600	-	-	-	-	-	-	-	-	-	-	x	-	X		EXHAUST -- CANOPY HOOD ABOVE		
EE6881	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-36	Oven (PG 163 C)	Lindberg/Blue M	GO1390SA-1	Bituminous Lab (QC) - PG Asphalt	BC Lab	145	OFOI	x					29	22	31	B	1	X		Plug	120	13.5	1600	-	-	-	-	-	-	-	-	-	-	x	-	-		EXHAUST -- CANOPY HOOD ABOVE		
R29304	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-37	Paddle Viscometer (Emulsion)	Cannon	TE-DPV	Bituminous Lab (QC) - Emulsified Asphalt	BC Lab	145	OFOI	x					10	11	18	B	1			Plug	120	-	150	-	-	-	-	-	-	-	-	-	-	-	-	-		Fume hood/canopy hood not necessary, emissions very low for this test		
R07541	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-38	Penetrometer	Humboldt	H-1240	Bituminous Lab (QC)	BC Lab	145	OFOI	x					11	13	22	B	1			Plug	120																	Height from AFF 48"		
SS8204	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-39	Pressure Aging Vessel (A)	Prentex	Model 9500	Bituminous Lab (QC) - PG Asphalt	BC Lab	145	OFOI	x					34	20	18	B	1	X	x	Plug	120	10 MAX										X	-	-	-	-	-	-	X	Uses clean air from tank Ups needed COMPRESSED AIR -- Air cylinders dedicated Air drier above cylinders for the flow meters
LL3688	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-40	Pressure Aging Vessel (B)	Prentex	Model 9500	Bituminous Lab (QC) - PG Asphalt	BC Lab	145	OFOI	x					34	20	18	B	1	X	x	Plug	120	10 MAX										X	-	-	-	-	-	-	X	Uses clean air from tank Ups needed COMPRESSED AIR -- Air cylinders dedicated Air drier above cylinders for the flow meters
	NA	<a href="#">Cutsheet</a>	CB-41	Pressure Aging Vessel (C)	Prentex	Model 9500	Bituminous Lab (QC) - PG Asphalt	-	-	OFOI	x					34	20	18	B	1	X	x	Plug	120	10 MAX										X	-	-	-	-	-	-	X	On order, not yet received; Uses clean air from tank Ups needed COMPRESSED AIR -- Air cylinders dedicated Air drier above cylinders for the flow meters
88313	<a href="#">Survey Sheet</a>	can't find	CB-42	Refrigerator/Freezer	VWR Scientific	55700-090	Bituminous Lab (QC)	BC Lab	145	OFOI	x					28	30	64	F	1			Plug	120																			
R39943	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-43	Rolling Thin Film Oven (C)	James Cox & Sons	RTF 325-B	Bituminous Lab (QC) - PG Asphalt	BC Lab	145	OFOI	x					40	26	36	B	1	X			208	15	2000VA	-										X	-	X	-	X	EXHAUST -- CANOPY HOOD ABOVE COMPRESSED AIR -- DRY, FROM BUILDING SUPPLY	
R40201	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-44	Rolling Thin Film Oven (D)	James Cox & Sons	RTF 325-B	Bituminous Lab (QC) - PG Asphalt	BC Lab	145	OFOI	x					40	26	36	B	1	X			208	15	2000VA	-									X	-	X	-	X	EXHAUST -- CANOPY HOOD ABOVE COMPRESSED AIR -- DRY, FROM BUILDING SUPPLY		
81010	<a href="#">Survey Sheet</a>	can't find	CB-45	Rotational Viscometer (PG)	Brookfield	RVDV-1+ (HT-60?)	Bituminous Lab (QC) - PG Asphalt	BC Lab	145	OFOI	x					22	11	22	B	1	-		Plug	120	-	30VA																EXHAUST -- IN FUME HOOD	
LL3690	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-46	Rotational Viscometer (PG)	Brookfield	RVDV-11+ (HT-60?)	BC-Storage-room		146	OFOI			*			22	11	22	B	4	-		Plug	120	-	30VA																EXHAUST -- IN FUME HOOD	
R40236	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-47	Rotational Viscometer (PG)	Brookfield	DVEERVJT0	Bituminous Lab (QC) - PG Asphalt	BC Lab	145	OFOI	x					19	10	15	B	1	-		Plug	120	-	15																EXHAUST -- IN FUME HOOD	
R40453	<a href="#">Survey Sheet</a>	can't find	CB-48	RV Thermosel (PG)	Brookfield	MODEL 64	Bituminous Lab (QC) - PG Asphalt	BC Lab	145	OFOI	x					8	8	8	B	1			Plug	120																		EXHAUST -- IN FUME HOOD	
E13988	<a href="#">Survey Sheet</a>	can't find	CB-49	Saybolt Viscometer	GCA/Precision	74965	Bituminous Lab (QC) - Emulsified Asphalt	BC Lab	145	OFOI	x					13	13	30	B	1	X			120		1100																EXHAUST -- CANOPY HOOD ABOVE	
R38418	<a href="#">Survey Sheet</a>	<a href="#">Cutsheet</a>	CB-50	Stirrer, High Torque (HPJS)	Caframo	BDC1850	Bituminous Lab (QC) - Hot Pour Sealer	BC Lab	145	OFOI	x					4	9	12	IN FH	1			Plug	120	3	-																OIL BATH? EXHAUST -- NEED TO BE IN FUME HOOD	







**IDOT EQUIPMENT MATRIX  
2.8 HMA**

\* SEE THE EQUIPMENT MATRIX TABLE OF CONTENTS FOR THE LEGENDS

IDENTIFICATION							LOCATION AND QUANTITY							DIMENSIONS, MOUNTING				ELECTRICAL & DATA							PLUMBING			ENV		REMARKS											
IDOT Equipment ID	SURVEY SHEET	TYPE TAG	CUTSHEET	EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL NO.	NEW ROOM NAME	EXISTING ROOM NAME	EXISTING ROOM NUMBER	OFOI/OFCI	EXISTING TO BE RELOCATED	EXISTING TO REPLACE	EXISTING TO DISCARD	PROPOSED NEW PURCHASE	PROPOSED FUTURE PURCHASE	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)	MOUNTING	# OF OUTLETS	DEDIC. CIRCUITS	UPS	HARD WIRE / PLUG	VOLT	AMP	WATTS	PHASE - SINGLE UNO	EMERGENCY POWER	HAS LOCAL UPS		HAS A DISCONNECT BOX	DATA CONN.	WATER NEEDS	DRAIN	COMP. AIR	VACUUM	EXHAUST	VIBRATION PLATFORM	GC TO VERIFY ALL ELEC. DATA, PLUMB. SERVICES, & ENV. CRITERIA IN FIELD		
	Survey Sheet	HM-29		SPLITTER TABLE			Open Lab - Compaction/Mixing/Splitting	HMA LAB	M153	OFOI	1					37.5	35	22	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	TABLE COULD BE WIDER TO ACCOMMODATE THE PINS SPLITTING THE ASPHALT (HALF) TO CREATE SAMPLES. IF POSSIBLE, SPLITTER TABLE DOESN'T NEED TO BE MOBILE, COULD BE ATTACHED TO BENCH AT THE HEIGHT OF CURRENT SPLITTER TABLE.
EE2436	Survey Sheet	HM-30	Cutsheet	OVEN	DESPATCH	LBD U-1984 (NOT FINDING THIS ENDING FOR MODEL NUMBERS?)	OPEN LAB - OVENS	HMA LAB	M152	OFOI	1					40.5	28	75	F	1	X		HW	240	30	3600-4800				X						X		X	EXHAUST -- (2) DIRECT CONNECTIONS; LOW TABLE 75" TOTAL HEIGHT; 44" FROM WALL TO FRONT		
KK4048	Survey Sheet	HM-31	Cutsheet	OVEN 35 CU. FT.	DESPATCH	RAD2-35-2E	OPEN LAB - OVENS	HMA LAB	M152	OFOI	1					90	45	75.5	F	X		HW	208/240	59	18000	3			X						X		X	EXHAUST -- DIRECT			
LL7675	Survey Sheet	HM-32	Cutsheet	OVEN	DESPATCH	LAD2-24-3	OPEN LAB - OVENS	HMA LAB	M152	OFOI	1					66	36	74	F	X		HW	240	46	16000	3			X						X		X	EXHAUST -- DIRECT			
R39944	Survey Sheet	HM-33	Cutsheet	OVEN	DESPATCH	LBB2-27-3	OPEN LAB - OVENS	HMA LAB	M152	OFOI	1					43.5	54	51	F	X		HW	240	21.9	4800	-			X						X		X	EXHAUST -- DIRECT			
R39945	Survey Sheet	HM-34	Cutsheet	OVEN	DESPATCH	LBB2-27-3	OPEN LAB - OVENS	HMA LAB	M152	OFOI	1					43.5	54	51	F	X		HW	240	21.9	4800	-			X						X		X	EXHAUST -- DIRECT			
K02903	Survey Sheet	HM-35	can't find	FREEZER	FISHER	ISOTEMP GP	OPEN LAB - TESTING	HMA LAB	M151	OFOI	1					32	28.5	70.5	F	1																					
	Survey Sheet	HM-35A	NOT IN LAB SCOPE	FREEZER FOR FOOD				HMA LAB	M151	OFOI						-	-	-	F																						
R25657	Survey Sheet	HM-36	Cutsheet	ILLINOIS FLEXIBILITY TEST MACHINE W/ COMPUTER	TESTQUIP	I-FIT	OPEN LAB - TESTING	HMA LAB	M151	OFOI	1					31.5	20	70	F	1		P									X	X	?					X	ETHERNET CONNECT FROM COMPUTER TO UNIT; WATER -- HYDRAULIC TANK YEARLY FILLED DRAIN --??		
R03445	Survey Sheet	HM-37	Cutsheet	GYRATORY COMPACTOR	PINE	AFG2A	OPEN LAB - TESTING	HMA LAB	M152	OFOI	1					32	36	55	F	2	X		P	100-115	12	-	-			X									WS IN BETWEEN, 1 PRINTER PER MACHINE, SURGE PROTECTOR		
R07582	Survey Sheet	HM-38	need model # to find	HAMBURG WHEEL	PMW	Model # plate located at the front back or side?	OPEN LAB - TESTING	HMA LAB	M152	OFOI	1					60	66	91	F	3		HW & P							X		X	X	X						MAY REQUIRE DEDICATED WATER HEATER WATER -- HOT DRAIN -- W/ SEDIMENT TRAP PLUG FOR MONITOR AND HOIST COMPRESSED AIR -- PSI? PROVIDED BY AIR COMPRESSOR OR BUILDING SUPPLY?		
R07619	Survey Sheet	HM-39	can't find	AMPT	IPC GLOBAL	AMPT	OPEN LAB - TESTING	HMA LAB	M152		1					56	25	52	F	X				208/230	15														COMPRESSED AIR -- PSI? PROVIDED BY AIR COMPRESSOR OR BUILDING SUPPLY?		
R40454	Survey Sheet	HM-40	Cutsheet	GYRATORY COMPACTOR W/ PRINTER	PINE	AFG2A	OPEN LAB - TESTING	HMA LAB	M152	OFOI	1					32	36	55	F	2	X		P	100-115	12	-	-			X									HOIST COMPUTER OUTLET		
K02988	Survey Sheet	HM-41	Cutsheet	GRAVITY CONVECTED OVEN 6.8 CU. FT.	DESPATCH	LEB1-69-1	OPEN LAB - TESTING	HMA LAB	M154	OFOI	1					36.5	30	36.5	B	X		HW	120	20.4	2400	-			X							X			34" AFF STANDING EXHAUST -- DIRECT?		
		HM-42	need model # to find	PULL-OFF TESTER		Model # plate located at the front back or side?	OPEN LAB - TESTING	HMA LAB	M152B	OFOI	1					17	12	54																							
		HM-43	need model # to find	HMA EXTRUDER		Model # plate located at the front back or side?	OPEN LAB - TESTING	HMA LAB	M152B	OFOI	1					12	12	36																							
SS8430	-	HM-44		IGNITION-OVEN	NCAI		REMOVAL	STORAGE	STORAGE	OFOI			4			22	26	37																							
	Survey Sheet	HM-45	Cutsheet	RAPID DRYING SYSTEM	INSTROTEK	CORE DRY	Open Lab - Testing	HMA LAB	M151	OFOI	2					18	24	18	B	1	X		P	120	15	-															
	Survey Sheet	HM-46	Cutsheet	BALANCE	OHAUS	PX1602/E	Extraction - Release Agents	HMA LAB	M151	OFOI	1					12	18	16	B	1			P	120		18VA	-														
	Survey Sheet	HM-47	need model # to find	BALANCE	METTLER	P??001-S	Open Lab - Testing	HMA LAB	M151	OFOI	1					12	18	16	B	1			P	120																	
88624	Survey Sheet	HM-48	Cutsheet	WATER BATH	BLUE M	MW-1120A-1	Open Lab - Testing	HMA LAB	M151	OFOI	1					21	39	20	B	1	X		P	120	13	1600	-					X	X								WATER AND SINK CLOSE TO BATH WATER -- COLD? HOT? HAND FILLED? PIPED? DRAIN -- TO SINK? PIPED?
88625	Survey Sheet	HM-49	Cutsheet	WATER BATH	BLUE M	MW-1120A-1	Open Lab - Testing	HMA LAB	M154	OFOI	1					21	39	20	B	1	X		P	120	13	1600	-					X	X							WATER AND SINK CLOSE TO BATH WATER -- COLD? HOT? HAND FILLED? PIPED? DRAIN -- TO SINK? PIPED?	
	Survey Sheet	HM-50	Cutsheet	TENSILE STRENGTH	INSTROTEK	AUTO_SCB CYBER PLUS EVOLUTION	Open Lab - Testing	HMA LAB	M151	OFOI	1					20	24	60	B	1			P	120	1.5	150															
	Survey Sheet	HM-51	can't find	MARSHALL STABILITY TESTER	ELLE INTERNATIONAL	AP-1706Y	Open Lab - Testing	HMA LAB	M151	OFOI	1					13	26	60	B	1			P	110																	
	Survey Sheet	HM-51A	need model # to find	DIGITAL READOUT	GILSON	Model # plate located at the front back or side?	Open Lab - Testing	HMA LAB	M151	OFOI	1					6	3	4	B	1			P	120																	



**IDOT EQUIPMENT MATRIX  
2.9 AGGREGATE**

\* SEE THE EQUIPMENT MATRIX TABLE OF CONTENTS FOR THE LEGENDS

IDENTIFICATION							LOCATION AND QUANTITY							DIMENSIONS, MOUNTING				ELECTRICAL & DATA							PLUMBING			ENV		REMARKS														
ILDOT EQUIPMENT ID	SURVEY SHEET	TYPE TAG	CUTSHEET	EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL NO.	NEW ROOM NAME	EXISTING ROOM NAME	EXISTING ROOM NUMBER	OFOI/OFCI/CFCI	EXISTING TO BE RELOCATED	EXISTING TO REPLACE	EXISTING TO DISCARD	PROPOSED NEW PURCHASE	PROPOSED FUTURE PURCHASE	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)	MOUNTING	# OF OUTLETS	DEDIC. CIRCUITS	UPS	HARD WIRE / PLUG	VOLT	AMP	WATTS	PHASE - SINGLE UNO	EMERGENCY POWER	HAS LOCAL UPS		HAS A DISCONNECT BOX	DATA CONN.	WATER NEEDS	DRAIN	STEAM	COMP. AIR	VACUUM	EXHAUST	VIBRATION PLATFORM	GC TO VERIFY ALL ELEC. DATA, PLUMB. SERVICES & ENV. CRITERIA IN FIELD				
R07565		AG-01		SHELF	N/A	N/A	Staging	CHECK IN ROOM	127	OFOI						100	48	96	F																									
R07554		AG-02		SHELF	N/A	N/A	Staging	CHECK IN ROOM	127	OFOI						100	48	192	F																									
R07558		AG-03		SHELF	N/A	N/A	Staging	CHECK IN ROOM	127	OFOI						100	48	192	F																									
	<a href="#">Survey Sheet</a>	AG-04	not finding this model #	WATER TANK	GILSON	S6A-122 (not finding this, is this the model for the pump?)	Specific Gravity	SPG ROOM	120	OFOI						29	23	49.5	F	1			PLUG	120					-	-	X	X									X	WATER/DRAIN -- A SINK NEXT TO IT & OUTLET FOR PUMP TO DRAIN THE TANK		
R39955	<a href="#">Survey Sheet</a>	AG-05	can't find	AIMS II MACHINE w/ computer	PINE	AFA2A	Count Lab - AIMS	COUNT ROOM	114	OFOI						28	28	28	B	1			PLUG	120	2				-	-	X											computer not included in dimensions		
R39975	<a href="#">Survey Sheet</a>	AG-06	can't find	AIMS II MACHINE w/ computer	PINE	AFA2A	Count Lab - AIMS	COUNT ROOM	114	OFOI						28	28	28	B	1			PLUG	120	2				-	-	X											computer not included in dimensions		
	<a href="#">Survey Sheet</a>	AG-07		FUME HOOD	LAB CON CO	7887	Count Lab - Deleterious Count	COUNT ROOM	114	CFCI						70	29	95	F				HW																					
R09563	<a href="#">Survey Sheet</a>	AG-08	NA	MOIST ROOM	NA	NA	Open Lab - Soundness Test - Moisture Room	LAB	113	CFCI						96	120	96	F		X		HW	230					X		X	X										WATER -- REQUIRES WATER RUN FOR MOISTURE CLIMATE CONTROLLED ROOM DRAIN -- FLOOR DRAIN?? SEVERAL ELECTRICAL COMPONENTS RUN FROM 230 VOLTS		
K05764	<a href="#">Survey Sheet</a>	AG-09	NA	OVEN	JPW	Custom?	Open Lab - Wash/Oven	LAB	113	OFOI						62	48	85.5	F		X		HW	230	64?		3			X							X	?	X		EXHAUST -- DIRECT			
K05763	<a href="#">Survey Sheet</a>	AG-10	NA	OVEN	JPW	Custom?	Open Lab - Wash/Oven	LAB	113	OFOI						62	48	85.5	F		X		HW	230	64?		3			X							X	?	X		EXHAUST -- DIRECT			
K05765	<a href="#">Survey Sheet</a>	AG-11	NA	OVEN	JPW	Custom?	Open Lab - Wash/Oven	LAB	113	OFOI						62	48	85.5	F		X		HW	230	64?		3			X							X	?	X		EXHAUST -- DIRECT			
R34787		AG-12		CART	N/A	N/A	Open Lab	LAB	113	OFOI						34	72	36	F																									
R07602	<a href="#">Survey Sheet</a>	AG-13	Cutsheet	SHAKER	GILSON	TM-5	Open Lab	LAB	113	OFOI						26	32	51	F	1	-		PLUG	115	7				-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	<a href="#">Survey Sheet</a>	AG-14	Cutsheet	SHAKER	GILSON	TM-5	Open Lab	LAB	113	OFOI						26	32	51	F	1	-		PLUG	115	7				-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	<a href="#">Survey Sheet</a>	AG-15	Cutsheet	SHAKER	GILSON	TM-5	Open Lab	LAB	113	OFOI						26	32	51	F	1	-		PLUG	115	7				-	-	-	-	-	-	-	-	-	-	-	-	-	-		
R07621	<a href="#">Survey Sheet</a>	AG-16	Cutsheet	MICRO DEVAL	GILSON	MD-2000	Open Lab - Micro Deval	LAB	113	OFOI						20	13	41	F	1	X		PLUG	115	15				-	-	-	-	-	-	-	-	-	-	-	-	-			
K02897	<a href="#">Survey Sheet</a>	AG-17	Cutsheet	MICRO DEVAL	GILSON	MD-2000	Open Lab - Micro Deval	LAB	113	OFOI						20	13	41	F	1	X		PLUG	115	15				-	-	-	-	-	-	-	-	-	-	-	-	-			
R07523	<a href="#">Survey Sheet</a>	AG-18	Cutsheet	MICRO DEVAL	GILSON	MD-2000	Open Lab - Micro Deval	LAB	113	OFOI						20	13	41	F	1	X		PLUG	115	15				-	-	-	-	-	-	-	-	-	-	-	-	-			
R07526	<a href="#">Survey Sheet</a>	AG-19	Cutsheet	MICRO DEVAL	GILSON	MD-2000	Open Lab - Micro Deval	LAB	113	OFOI						20	13	41	F	1	X		PLUG	115	15				-	-	-	-	-	-	-	-	-	-	-	-	-			
R07524	<a href="#">Survey Sheet</a>	AG-20	Cutsheet	MICRO DEVAL	GILSON	MD-2000	Open Lab - Micro Deval	LAB	113	OFOI						20	13	41	F	1	X		PLUG	115	15				-	-	-	-	-	-	-	-	-	-	-	-	-			
R07525	<a href="#">Survey Sheet</a>	AG-21	Cutsheet	MICRO DEVAL	GILSON	MD-2000	Open Lab - Micro Deval	LAB	113	OFOI						20	13	41	F	1	X		PLUG	115	15				-	-	-	-	-	-	-	-	-	-	-	-	-			
		AG-22		WORK TABLE	N/A	N/A	Open Lab	LAB	113	OFOI		X				60	30	34	F	1																								
		AG-23		WORK TABLE	N/A	N/A	Open Lab	LAB	113	OFOI		X				84	33	37	F	1																								
		AG-24		WORK TABLE	N/A	N/A	Open Lab	LAB	113	OFOI		X				120	42	34	F	1																								
R07628	<a href="#">Survey Sheet</a>	AG-25	Cutsheet	MARY ANN SHAKER	GILSON	SS-22	Open Lab	LAB	113	OFOI		X				16	25	56	F	1	X		PLUG	120	15				-	-	-	-	-	-	-	-	-	-	-	-	-			
R40232	<a href="#">Survey Sheet</a>	AG-26	Cutsheet	MARY ANN SHAKER	GILSON	SS-22	Open Lab	LAB	113	OFOI		X				16	25	56	F	1	X		PLUG	120	15				-	-	-	-	-	-	-	-	-	-	-	-	-			
R07579	<a href="#">Survey Sheet</a>	AG-27	can't find	ROTARY	HOUGHTON MANUFACTURING CO.	ROTARY LAB SIFTER	Open Lab	LAB	113	OFOI		X				16	25	56	F	1	X		PLUG	120	15				-	-	-	-	-	-	-	-	-	-	-	-				
	<a href="#">Survey Sheet</a>	AG-28	Cutsheet	MARY ANN SHAKER	GILSON	SS-22	Open Lab	LAB	113	OFOI		X				16	25	56	F	1	X		PLUG	120	15				-	-	-	-	-	-	-	-	-	-	-	-	-			
	<a href="#">Survey Sheet</a>	AG-29	Cutsheet	MARY ANN SHAKER	GILSON	SS-22	Open Lab	LAB	113	OFOI		X				16	25	56	F	1	X		PLUG	120	15				-	-	-	-	-	-	-	-	-	-	-	-	-			
		AG-30		COUNT TABLE	N/A	N/A	Count Lab - Deleterious Count	COUNT ROOM	114	OFOI		X				41	30	40	F	1																								
		AG-31		COUNT TABLE	N/A	N/A	Count Lab - Deleterious Count	COUNT ROOM	114	OFOI		X				41	30	40	F	1																								
		AG-32		WORK-TABLE	N/A	N/A	-	COUNT ROOM	444	OFOI			X			30	72	30	F	4																								
	<a href="#">Survey Sheet</a>	AG-33	Cutsheet	CRUSHER	BICO INC	CHIPMUNK	Breakdown Room	BREAKDOWN RM.	112	OFOI		X				24	37	29	F				HW	230/450						X		-	-	X	-	X					EXHAUST -- CANOPY HOOD, DUST COLLECTION, DIRECT? COMPRESSED AIR -- PSI? PROVIDED BY AIR COMPRESSOR OR BUILDING SUPPLY?			
K05767	<a href="#">Survey Sheet</a>	AG-34	NA	LA-ABR. MACHINE	GILSON	HM-70	-	BREAKDOWN RM.	442	OFOI			X			38	40	49					HW	208																		TO BE LOCATED IN "NOISE ROOM"		

