

AM	OFF	PM	DHV**
15/0	22	16	17/6
14	9	15	16/0
14	13	15	16/0

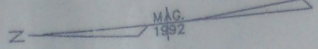
2005 AVERAGE WEEKDAY TRAFFIC  
 \*\* DHV - 2009 DESIGN HOUR VOLUME, % TRUCKS

AM	OFF	PM	DHV**
8	18	12	13/9
367	565	519	566/3
90	198	139	152/4

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8	18	12	13/9
367	565	519	566/3
90	198	139	152/4

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8	18	12	13/9
367	565	519	566/3
90	198	139	152/4

AM	OFF	PM	DHV**
8	18	12	13/9
367	565	519	566/3
90	198	139	152/4



VEHICLE LOOP DETECTORS										TEST RESULTS			
LANE	LOOP NO.	SIZE	TYPE	NO. TURNS	CALL #	MODE	AMP	INDUCTANCE (mH)	RESISTANCE (Ω @ 77°F)	INDUCTANCE (mH)	RESISTANCE (Ω @ 77°F)	INDUCTANCE (mH)	RESISTANCE (Ω @ 77°F)
U.S. RT. 302 WB LT	8	6'x40'	QUAD	2	#5	PRESIDE NON-DELT	363	363	363	363	363	363	363
U.S. RT. 302 WB LT	1	6'x40'	QUAD	2	#1	PRESIDE NON-DELT	363	363	363	363	363	363	363
PARTRIDGE ROAD	8A	6'x40'	QUAD	2	#1	PRESIDE NON-DELT	363	363	363	363	363	363	363
PARTRIDGE ROAD	8B	6'x40'	QUAD	2	#1	PRESIDE NON-DELT	363	363	363	363	363	363	363
BERLIN HWY. LT/TH	4A	6'x40'	QUAD	2	#448	PRESIDE NON-DELT	363	363	363	363	363	363	363
BERLIN HWY. RT	4B	6'x40'	QUAD	2	#448	PRESIDE NON-DELT	363	363	363	363	363	363	363
BERLIN HWY. RT	4C	6'x40'	QUAD	2	#448	PRESIDE NON-DELT	363	363	363	363	363	363	363
BERLIN HWY. RT	4D	6'x40'	QUAD	2	#448	PRESIDE NON-DELT	363	363	363	363	363	363	363

ALL CALCULATED VALUES ARE AT THE CONTROLLED MEASURED VALUES MUST BE FILLED IN PRIOR TO TEST PERIOD

FRIENDLY RESTAURANT, FORMERLY BEL AIRS FAMILY RESTAURANT FORMERLY LUMS RESTAURANT

INSTALL OVERHEAD TRAFFIC SIGNAL INTERCONNECT CABLE FROM THE ROUTE 302/PARTRIDGE RD/BERLIN STATE HIGHWAY INTERSECTION TO THE AMES DRIVE INTERSECTION. REFER TO THE SIGNING AND STRIPING PLANS FOR THE CONTINUATION OF THIS CABLE THROUGH AREAS NOT COVERED BY TRAFFIC PLANS.

POWER FEED (AERIAL)  
 STANCHION POLE WITH 1 METER AND DISCONNECT FOR STREET LIGHTING AND 1 METER AND DISCONNECT FOR SIGNAL SYSTEM.

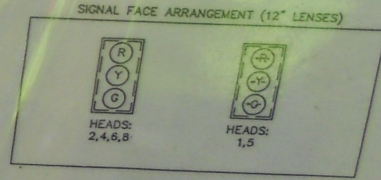
RELOCATED POLE (BY OTHERS)

RELOCATED POLE (BY OTHERS)

REMOVE EXISTING SIGNAL SYSTEM (VAOT OWNED)

INSTALL NEW SIGNAL SYSTEM (ALL EQUIPMENT AS SHOWN)  
 INSTALL GROUND MOUNTED CONTROLLER CABINET NEAR POLE #1  
 CONSTRUCT CONCRETE PAD

INSTALL UNDERGROUND TRAFFIC SIGNAL INTERCONNECT CABLE FROM CONTROLLER TO RELOCATED UTILITY POLE



- NOTES:
- REFER TO "TRAFFIC SIGNAL MISCELLANEOUS DETAILS" SHEET FOR COORDINATION DATA, CYCLE LENGTH, AND STANDARD NEMA PHASING INFORMATION
  - DURING INSTALLATION OF NEW STRAIN POLES, EXISTING POLES MAY NEED DURING DURING CONSTRUCTION. WHEN REMOVING THE EXISTING STRAIN POLES, THE EXISTING BASES SHALL REMAIN. THE TOP OF THE BASE (1-2) SHALL BE CUT OFF.

EXISTING	NEW	LEGEND
○	○	UTILITY POLE
○	○	LUMINAIRE
○	○	WOOD POLE
○	○	STRAIN POLE
○	○	STANCHION POLE
○	○	CONTROLLER CABINET
○	○	PULLBOX/JUNCTION BOX
○	○	SIGNAL HEAD
○	○	VEHICLE LOOP DETECTOR
○	○	CONDUIT
○	○	VEHICLE LOOPS
○	○	PEDESTAL POST

TRAFFIC PLANS (RT 302/BERLIN SH)

PREPARED BY TSE/CMB DATE 12/98  
 CHECKED BY KGH DATE 12/98  
 DESIGN SUPERVISOR TAE DATE 12/98  
 PROJ. BERLIN AND SIGNAL(S)  
 SHEET 37 OF 80 SHEETS

PHASE	PHASE 2+8 (DWELL)		PHASE 4+8	
	W	A	W	A
PHASE 1-5	00:00	00:00	00:00	00:00
PHASE 2-8	00:00	00:00	00:00	00:00
PHASE 3-7	00:00	00:00	00:00	00:00
PHASE 4-8	00:00	00:00	00:00	00:00
PHASE 5-9	00:00	00:00	00:00	00:00
PHASE 6-10	00:00	00:00	00:00	00:00
PHASE 7-11	00:00	00:00	00:00	00:00
PHASE 8-12	00:00	00:00	00:00	00:00
PHASE 9-13	00:00	00:00	00:00	00:00
PHASE 10-14	00:00	00:00	00:00	00:00
PHASE 11-15	00:00	00:00	00:00	00:00
PHASE 12-16	00:00	00:00	00:00	00:00
PHASE 13-17	00:00	00:00	00:00	00:00
PHASE 14-18	00:00	00:00	00:00	00:00
PHASE 15-19	00:00	00:00	00:00	00:00
PHASE 16-20	00:00	00:00	00:00	00:00
PHASE 17-21	00:00	00:00	00:00	00:00
PHASE 18-22	00:00	00:00	00:00	00:00
PHASE 19-23	00:00	00:00	00:00	00:00
PHASE 20-24	00:00	00:00	00:00	00:00
PHASE 21-25	00:00	00:00	00:00	00:00
PHASE 22-26	00:00	00:00	00:00	00:00
PHASE 23-27	00:00	00:00	00:00	00:00
PHASE 24-28	00:00	00:00	00:00	00:00
PHASE 25-29	00:00	00:00	00:00	00:00
PHASE 26-30	00:00	00:00	00:00	00:00
PHASE 27-31	00:00	00:00	00:00	00:00
PHASE 28-32	00:00	00:00	00:00	00:00
PHASE 29-33	00:00	00:00	00:00	00:00
PHASE 30-34	00:00	00:00	00:00	00:00
PHASE 31-35	00:00	00:00	00:00	00:00
PHASE 32-36	00:00	00:00	00:00	00:00
PHASE 33-37	00:00	00:00	00:00	00:00
PHASE 34-38	00:00	00:00	00:00	00:00
PHASE 35-39	00:00	00:00	00:00	00:00
PHASE 36-40	00:00	00:00	00:00	00:00
PHASE 37-41	00:00	00:00	00:00	00:00
PHASE 38-42	00:00	00:00	00:00	00:00
PHASE 39-43	00:00	00:00	00:00	00:00
PHASE 40-44	00:00	00:00	00:00	00:00
PHASE 41-45	00:00	00:00	00:00	00:00
PHASE 42-46	00:00	00:00	00:00	00:00
PHASE 43-47	00:00	00:00	00:00	00:00
PHASE 44-48	00:00	00:00	00:00	00:00
PHASE 45-49	00:00	00:00	00:00	00:00
PHASE 46-50	00:00	00:00	00:00	00:00
PHASE 47-51	00:00	00:00	00:00	00:00
PHASE 48-52	00:00	00:00	00:00	00:00
PHASE 49-53	00:00	00:00	00:00	00:00
PHASE 50-54	00:00	00:00	00:00	00:00
PHASE 51-55	00:00	00:00	00:00	00:00
PHASE 52-56	00:00	00:00	00:00	00:00
PHASE 53-57	00:00	00:00	00:00	00:00
PHASE 54-58	00:00	00:00	00:00	00:00
PHASE 55-59	00:00	00:00	00:00	00:00
PHASE 56-60	00:00	00:00	00:00	00:00
PHASE 57-61	00:00	00:00	00:00	00:00
PHASE 58-62	00:00	00:00	00:00	00:00
PHASE 59-63	00:00	00:00	00:00	00:00
PHASE 60-64	00:00	00:00	00:00	00:00
PHASE 61-65	00:00	00:00	00:00	00:00
PHASE 62-66	00:00	00:00	00:00	00:00
PHASE 63-67	00:00	00:00	00:00	00:00
PHASE 64-68	00:00	00:00	00:00	00:00
PHASE 65-69	00:00	00:00	00:00	00:00
PHASE 66-70	00:00	00:00	00:00	00:00
PHASE 67-71	00:00	00:00	00:00	00:00
PHASE 68-72	00:00	00:00	00:00	00:00
PHASE 69-73	00:00	00:00	00:00	00:00
PHASE 70-74	00:00	00:00	00:00	00:00
PHASE 71-75	00:00	00:00	00:00	00:00
PHASE 72-76	00:00	00:00	00:00	00:00
PHASE 73-77	00:00	00:00	00:00	00:00
PHASE 74-78	00:00	00:00	00:00	00:00
PHASE 75-79	00:00	00:00	00:00	00:00
PHASE 76-80	00:00	00:00	00:00	00:00
PHASE 77-81	00:00	00:00	00:00	00:00
PHASE 78-82	00:00	00:00	00:00	00:00
PHASE 79-83	00:00	00:00	00:00	00:00
PHASE 80-84	00:00	00:00	00:00	00:00
PHASE 81-85	00:00	00:00	00:00	00:00
PHASE 82-86	00:00	00:00	00:00	00:00
PHASE 83-87	00:00	00:00	00:00	00:00
PHASE 84-88	00:00	00:00	00:00	00:00
PHASE 85-89	00:00	00:00	00:00	00:00
PHASE 86-90	00:00	00:00	00:00	00:00
PHASE 87-91	00:00	00:00	00:00	00:00
PHASE 88-92	00:00	00:00	00:00	00:00
PHASE 89-93	00:00	00:00	00:00	00:00
PHASE 90-94	00:00	00:00	00:00	00:00
PHASE 91-95	00:00	00:00	00:00	00:00
PHASE 92-96	00:00	00:00	00:00	00:00
PHASE 93-97	00:00	00:00	00:00	00:00
PHASE 94-98	00:00	00:00	00:00	00:00
PHASE 95-99	00:00	00:00	00:00	00:00
PHASE 96-100	00:00	00:00	00:00	00:00

CROSSWAY MOTORS

REDUCED HOUSEKEEPING...  
 MADE FOR CENTRAL AIR...

fits of clean air...  
 RE FUEL - REDUC...  
 SUB FURNACE OF...