

QTY.	ITEM
1	CONTROLLER TYPE 4W W/CABINET & FOUNDATION
1	25FT. MAST ARM TYPE II & FOUNDATION
3	30FT. MAST ARM TYPE II & FOUNDATION
6	ONE-WAY SIGNAL HOUSING - 3 LENS (12 INCH)
8	PEDESTRIAN SIGNAL HEAD-TYPE B (FIBER-OPTICS)
4	PEDESTRIAN PUSH BUTTON
10	PULL BOX 12" x 12" (SD2.031)
12	6'x6' WIRE LOOP DETECTORS
2	ONE-WAY SIGNAL HOUSING - 5 LENS (12 INCH)
2	6'x14' WIRE LOOP DETECTORS
4	2 CHANNEL DETECTOR AMPLIFIER UNITS
1	SERVICE CONNECTION

Diagram illustrating the arrangement of faces on a cube:

- Top row: Faces R, Y, G, C, E, F, G, H.
- Middle row: Faces R, Y, G, A, D.
- Bottom row: Faces A, D, Fiber-optics.

PROPOSED R 10-12 SIGN
24" x 30" (TYPICAL)
NOT TO SCALE

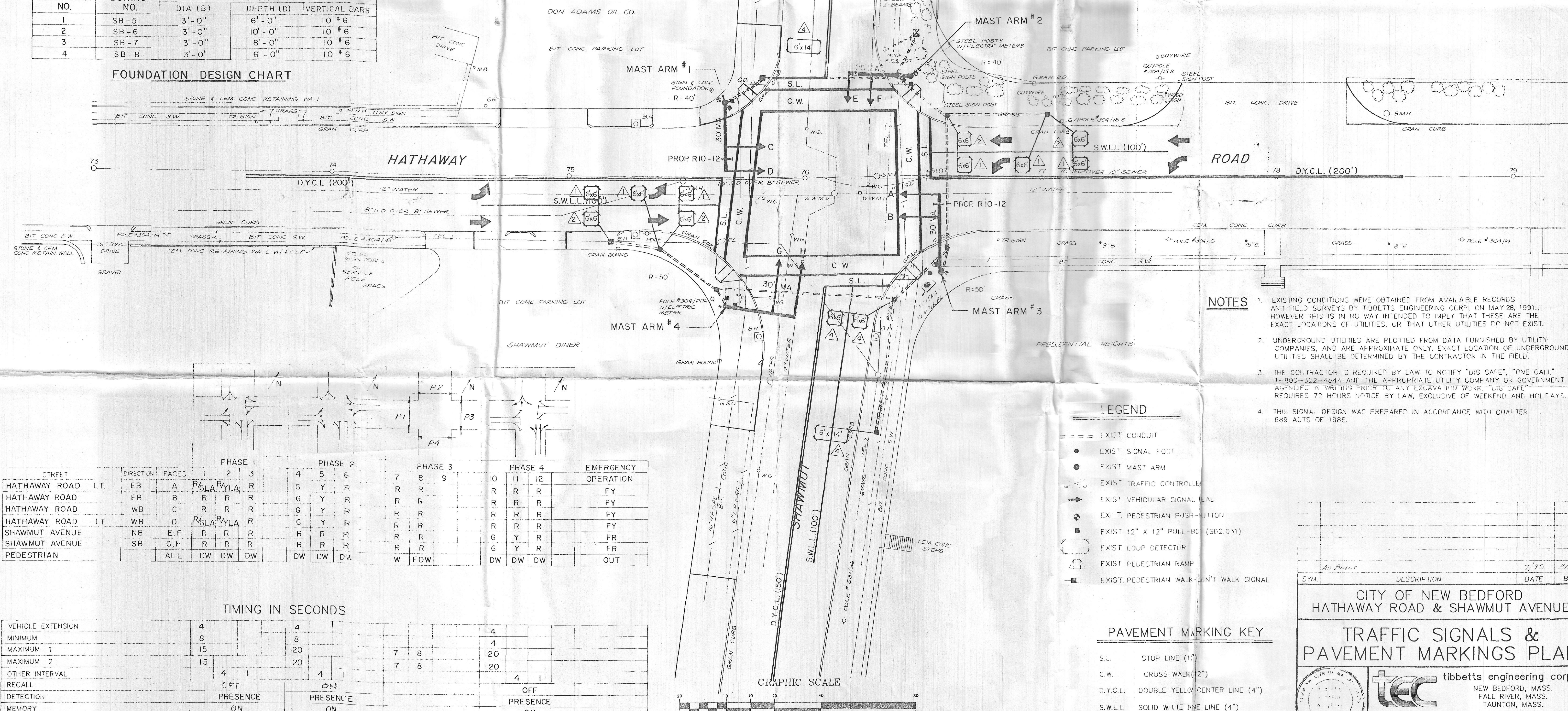
ALL LENSES TO BE 12"

MAST ARM NO.	BORING NO.	DESIGN DATA		
		DIA (B)	DEPTH (D)	VERTICAL BARS
1	SB - 5	3' - 0"	6' - 0"	10 # 6
2	SB - 6	3' - 0"	10' - 0"	10 # 6
3	SB - 7	3' - 0"	8' - 0"	10 # 6
4	SB - 8	3' - 0"	6' - 0"	10 # 6

FOUNDATION DESIGN CHART

DETECTOR NUMBER	# OF SECTIONS SIZE	# OF TURNS	OPERATION	CALL DELAY	CALL PHASE	LOOP CONNECTION
1	6 - 6' x 6'	3	PRESENCE	NO	1	SERIES
2	4 - 6' x 6'	3	PRESENCE	NO	2	SERIES
4	2 - 6' x 6'	3	PRESENCE	NO	4	SERIES
4	2 - 6' x 14'	3	PRESENCE	NO	4	SERIES

DETECTOR CHART



LEGEND

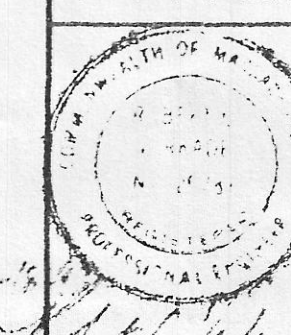
- EXIST SIGNAL FOOT
- EXIST MAST ARM
- EXIST TRAFFIC CONTROLLER
- ➡ EXIST VEHICULAR SIGNAL HEAD
- ⬇ EXIST PEDESTRIAN PUSH-BUTTON
- EXIST 12" X 12" PULL-RO (SP2.031)
- EXIST LOOP DETECTOR
- EXIST PEDESTRIAN RAMP
- ➡ EXIST PEDESTRIAN WALK-OR-N'T WALK SIGNAL

PAVEMENT MARKING KEY

- | | |
|----------|--------------------------------|
| S.L. | STOP LINE (1") |
| C.W. | CROSS WALK (2") |
| D.Y.C.L. | DOUBLE YELLOW CENTER LINE (4") |
| S.W.L.L. | SOLID WHITE LINE (4") |

CITY OF NEW BEDFORD
HATHAWAY ROAD & SHAWMUT AVENUE

TRAFFIC SIGNALS &
PAVEMENT MARKINGS PLAN



tibbetts engineering corp.
NEW BEDFORD, MASS.
FALL RIVER, MASS.
TAUNTON, MASS.

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SCALE: AS NOTED
DATE: DEC. 1991

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