

SIGN/PVMT. MARKING LEGEND	
SYMBOL	DESCRIPTION
SSWL	SOLID SINGLE WHITE LINE
DSWL	6' DASHED WHITE LINE
DYWL	4' SOLID DOUBLE YELLOW LINE
SSYCL	12' SOLID SINGLE YELLOW CHEVRON LINE
SSWCL	12' SOLID SINGLE WHITE CROWN LINE
SL	BIKE LANE
XW	6' SSWL (SEE DETAILS)
R	REMOVE SIGN
L	LEAVE SIGN
R/R	REMOVE AND RELOCATE SIGN
R/S	REMOVE AND REPLACE SIGN
 	BIKE LANE MARKING (SEE DETAILS)
 	BIKE SHARED LANE MARKING (SEE DETAILS)

PLAN

20 0 20

Scale of Feet

PAVEMENT MARKING PLAN
OF:
MIDDLE ST. & SUMMER ST.
PORTSMOUTH, NH

PROJECT NO. 21183 SHEET 6 OF 10
SCALE 1" = 20'
F. R. BENTLEY / P/N

LIST OF MAJOR ITEMS

EQUIPMENT AND WORK ITEMS (ITEM 616.19)	QTY.
FURNISH AND INSTALL P-44 NEMA TRAFFIC SIGNAL CABINET MOUNTED ON NEW FOUNDATION w/ NEW ANCILLARY EQUIPMENT AND ATC CONTROLLER w/ LATEST FIRMWARE	1 EA
FURNISH AND INSTALL ONE-WAY, 3-SECTION, 12-INCH BLACK TRAFFIC SIGNAL HEADS WITH LED MODULES, TUNNEL VISORS AND 5-INCH LOUVERED BACK PLATES WITH 2 INCH RETROREFLECTIVE BORDERS MOUNTED ON MAST ARM	7 EA
FURNISH AND INSTALL ONE-WAY, 3-SECTION, 12-INCH BLACK TRAFFIC SIGNAL HEADS WITH LED MODULES, TUNNEL VISORS AND 5-INCH LOUVERED BACK PLATES WITH 2 INCH RETROREFLECTIVE BORDERS MOUNTED ON POLE	1 EA
FURNISH AND INSTALL ONE-WAY, 4-SECTION, 12-INCH BLACK TRAFFIC SIGNAL HEADS WITH LED MODULES, TUNNEL VISORS AND 5-INCH LOUVERED BACK PLATES WITH 2 INCH RETROREFLECTIVE BORDERS MOUNTED ON MAST ARM	1 EA
FURNISH AND INSTALL ONE-WAY, 16 x 18-INCH LED SIDE OF POLE MOUNTED BLACK COUNTDOWN PEDESTRIAN SIGNAL HEAD	3 EA
FURNISH AND INSTALL ONE-WAY, 16 x 18-INCH LED TOP OF POST MOUNTED BLACK COUNTDOWN PEDESTRIAN SIGNAL HEAD	5 EA
FURNISH AND INSTALL ADA COMPLIANT ACCESSIBLE PEDESTRIAN SIGNAL (APS) BUTTON WITH 9'X15' RIO-36 INFORMATIONAL SIGN	8 EA
FURNISH AND INSTALL 8' PEDESTAL POLE w/ FOUNDATION	6 EA
FURNISH AND INSTALL 10' PEDESTAL POLE w/ FOUNDATION	1 EA
FURNISH AND INSTALL MIVISION 360 VIDEO DETECTION CAMERA SYSTEM	1 LS
FURNISH AND INSTALL 4-CHANNEL PREEMPTION PHASE SELECTOR WITH SYSTEM CHASSIS	1 EA
FURNISH AND INSTALL LIGHT-BASED PREEMPTION RECEIVERS WITH DETECTOR CABLE	4 EA
FURNISH AND INSTALL PREEMPTION CONFIRMATION RED STROBE WITH CABLE	1 EA
FURNISH AND INSTALL MAST ARM MOUNTED SIGNS	6 EA
FURNISH AND INSTALL 50-FOOT MAST ARM w/ FOUNDATION	1 EA
FURNISH AND INSTALL 3' STEEL CONDUIT (ITEM 614.33)	10 LF
FURNISH AND INSTALL 14' CONCRETE PULL BOX (ITEM 614.511)	6 EA
FURNISH AND INSTALL 3' PVC SCH. 40 CONDUIT (ITEM 614.731/14)	376 LF

THE LISTED QUANTITIES ARE APPROXIMATE AND
ARE FURNISHED FOR INFORMATION ONLY.

BID ALTERNATE I

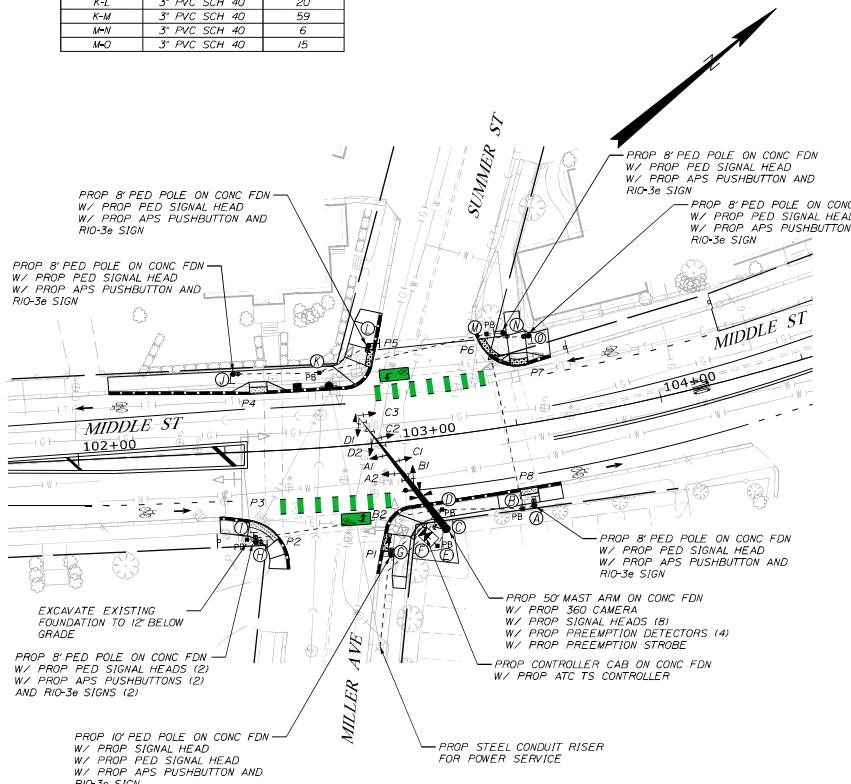
EQUIPMENT AND WORK ITEMS	QTY.
OBLITERATE PAVE, MARKING LINE, 12" WIDE & UNDER (ITEM 632.9II)	500 LF

NOTE

ALL EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND DISCARDED.

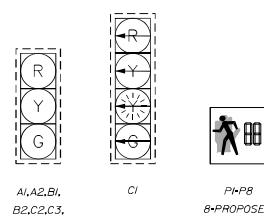
CONDUIT SCHEDULE

FROM	TO	TYPE	LENGTH (FT)
A-B		3" PVC SCH 40	5
B-D		3" PVC SCH 40	28
B-M		3" PVC SCH 40	6'
C-E		3" PVC SCH 40	7
D-F		3" PVC SCH 40	11
D-G		3" PVC SCH 40	24
D-I		3" PVC SCH 40	68
E-F		3" PVC SCH 40	6
F-POWER		3" STEEL	10
F-POWER		3" PVC SCH 40	32
H-I		3" PVC SCH 40	4
J-K		3" PVC SCH 40	30
K-L		3" PVC SCH 40	20
K-M		3" PVC SCH 40	59
M-N		3" PVC SCH 40	6
M-Q		3" PVC SCH 40	15



PLAN

PROPOSED INDICATIONS



NOTE:
ALL INDICATIONS SHALL BE 12" LIGHT EMITTING DIODES (LED'S)
WITH 5° LOUVERED RETROREFLECTIVE BACKPLATES

PROPOSED FOUNDATION SCHEDULE

I.D.	DESCRIPTION	FOUNDATION	STATION 0/S
A	8' PEDESTAL POLE	TSFND	103-51-42 28.7' LT
B	14' FULL BOX	PB	103-47-52 28.4' RT
C	50' MAST ARM	TYPE 2	103-21-81 31.6' LT
D	14' FULL BOX	PB	103-21-23 24.9' RT
E	14' FULL BOX	PB	103-18-30 37.0' LT
F	CONTROLLER CABINET	CCFND	103-4-42 32.6' LT
G	10' PEDESTAL POLE	TSFND	103-3-00 36.3' RT
H	8' PEDESTAL POLE	TSFND	102-59-04 30.9' RT
I	14' FULL BOX	PB	102-56-06 23.9' RT
J	8' PEDESTAL POLE	TSFND	102-54-01 26.7' LT
K	14' FULL BOX	PB	102-84-04 25.6' LT
L	8' PEDESTAL POLE	TSFND	103-02-26 33.4' LT
M	14' FULL BOX	PB	103-44-49 32.3' LT
N	8' PEDESTAL POLE	TSFND	103-50-44 31.8' LT
O	8' PEDESTAL POLE	TSFND	103-59-49 25.5' LT

TSFND = CONCRETE FOUNDATION FOR PEDESTALS CONSTRUCTED
IN ACCORDANCE WITH NHDOT SIGNAL AND LIGHTING STANDARDS
CL 9

PB = 14-INCH CONCRETE PULL BOX CONSTRUCTED
IN ACCORDANCE WITH NHDOT SIGNAL AND LIGHTING STANDARD
SLL

TYPE ■ - TRAFFIC SIGNAL MAST ARM FOUNDATION CONSTRUCTED
IN ACCORDANCE WITH NHDOT TRAFFIC SIGNAL STANDARD TS-1,
TS-2, OR TS-3 AS APPLICABLE.

CCFDN = CONCRETE FOUNDATION FOR CONTROLLER CABINETS IN ACCORDANCE WITH NH DOT SIGNAL AND LIGHTING STANDARDS SL-3

