












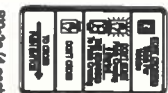
SIGNS

Lorson Blvd

(See Sheet 6 for details)

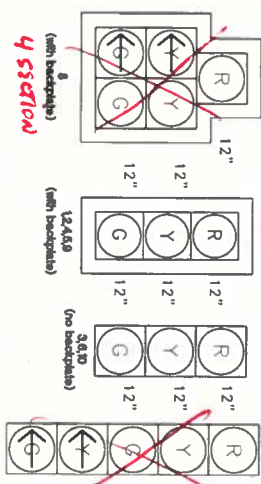
LEGEND

ITEM	NEW
TRAFFIC SIGNAL HEAD (NO BACKPLATE)	
TRAFFIC SIGNAL HEAD WITH BACKPLATE	
SIGNAL POLE w/MAST ARM & FOUNDATION	
PEDDESTAL POST	
ELECTRICAL CONDUIT RUN	
POWER METER	
PULL BOX	
LUMINAIRE W/ MAST ARM	
CONTROLLER CABINET	
SIGN, SIGNAL-POLE-MOUNTED	
VIDEO DETECTOR CAMERA	









For use at pedestrian
(push buttons)

SIGNAL FACES



KEY

PROTECTED PERMISSIVE PEDESTRIAN		SIGNAL PHASING	
Not Used		Not Used	
PHASE 3 1		PHASE 6 6	
PHASE 6 1	Not Used	PHASE 7	Not Used
PHASE 8 2		PHASE 8 8	

MATERIALS LIST

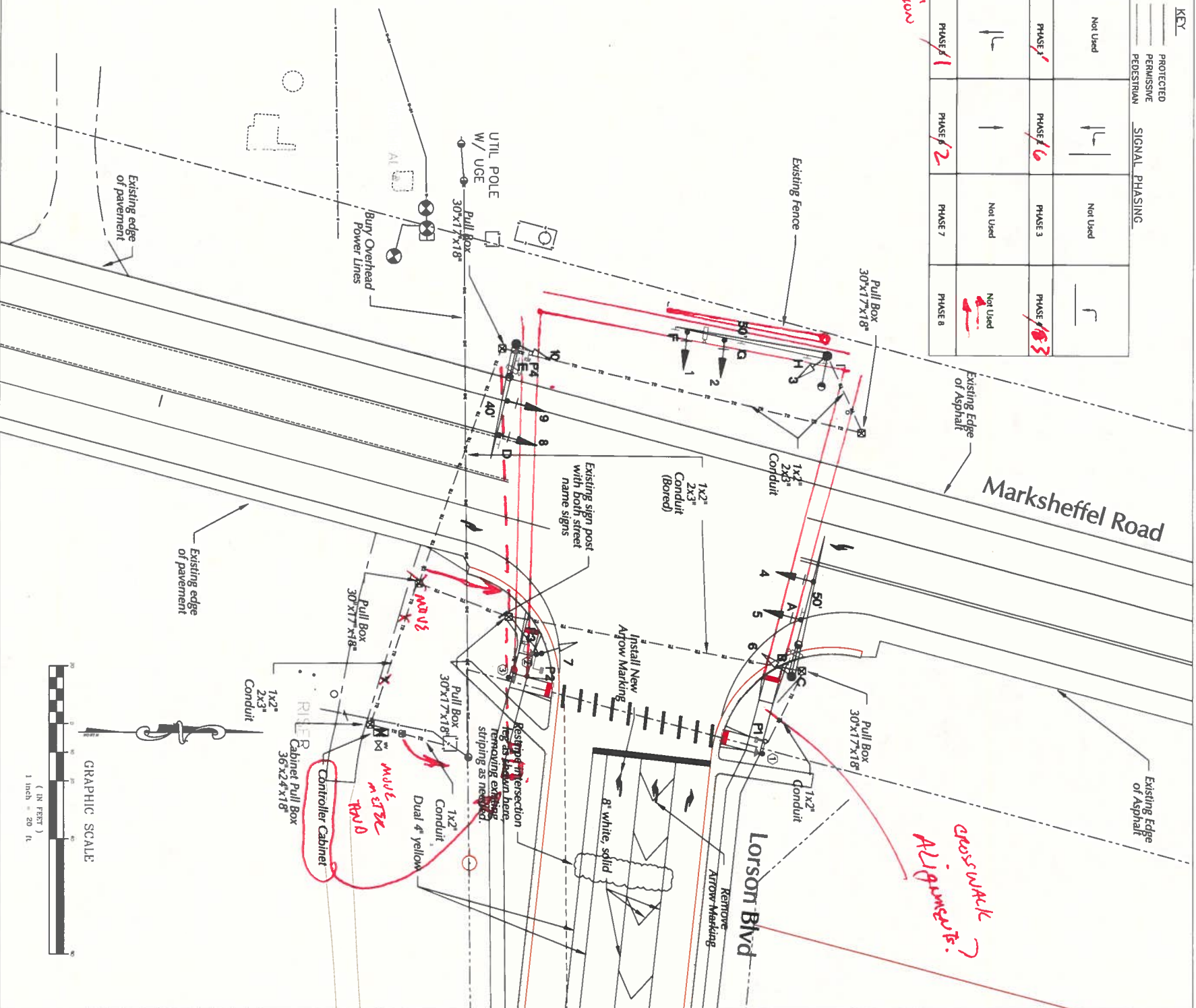
ITEM #	ITEM	UNIT	QUANTITY
202-00040	ELECTRICAL CONDUIT (7" PVC SCHEDULE 80 (total linear feet of conduit))	LF	289
202-00044	ELECTRICAL CONDUIT (3" PVC SCHEDULE 80 (total linear feet of conduit))	LF	444
	ELECTRICAL CONDUIT (BONED) (3" PVC SCHEDULE 80 (total linear feet of conduit))	LF	205
614-7280	TRAPIC SIGNAL FACE - 1ED (12,12,12) NO BACKPLATE	EACH	3
	TRAPIC SIGNAL FACE - 1ED (12,12,12) WITH BACKPLATE	EACH	5
	TRAPIC SIGNAL FACE - FIVE-SECTIONED LEFT TURN ARROWS (12,12,12,12,12) WITH BACKPLATE	EACH	1
614-70150	TRAPIC SIGNAL FACE - FIVE-SECTIONED LEFT TURN ARROWS (12,12,12,12,12) NO BACKPLATE	EACH	1
614-7280	PEDESTRIAN SIGNAL HEAD - COUNTDOWN	EACH	4
202-00040	PEDESTRIAN PUSH BUTTON (BULBDOOM STYLE W/ 7" DEEP HOUSING) W/ INFO SIGN (MOUNT M10-154)	EACH	4
	SIGNAL POLE, STEEL, W/ 50' MAST ARM	EACH	2
202-00040	SIGNAL POLE, STEEL, W/ 40' MAST ARM	EACH	1
202-00040	PEDESTAL POST - 3.5" HIGH FOR PUSH BUTTONS & INFO SIGNS ONLY	EACH	1
	PEDESTAL POST - 12" HIGH FOR MOUNTING PUSH BUTTONS, INFO SIGNS, PED HEAD	EACH	1
813-70250	PEDESTAL POST, STEEL, W/ 50' MAST ARM	EACH	1
	LUNARBAR WITH MAST ARM - 15' MAST ARM (LED)	EACH	3
NA	VIDEO DETECTION CAMERA - CITY STANDARD - WITH HARDWARE FOR SIGNAL POLE MOUNTING	EACH	3
NA	VIDEO DETECTION PROCESSOR AND OTHER EQUIPMENT - CITY STANDARD	LS	1
NA	PULL BOX (30"x24"x18")	EACH	5
NA	PULL BOX (36"x24"x18") ADJACENT TO CABINET	EACH	1
202-00040	STREET NAME SIGN ASSEMBLY (18"x24"x1.5") SIGNAL POLE MOUNTED ON CANTILEVER ARM	EACH	3
700-00004	SAFETY RAIL 32" CG CABINET SYSTEM	LS	1
	CABINET FOUNDATION FOR SIGNS ON A ROCK FIBER BASE	EACH	1
503-00118	DRILLED CASSION (8 INCH) XL - SEE PEDestal, POLE SCHEDULE	LF	11
503-0036	DRILLED CASSION (36"x11") - 26A - SEE SIGNAL POLE SCHEDULE	LF	28
NA	DRILLED CASSION (36"x11") - 1EA - SEE SIGNAL POLE SCHEDULE	LF	11
700-00004	POWER METER PEDESTAL	EACH	1
700-00004	PURINISH AND RSTAL ELECTRICAL SERVICE	LS	1
	WIRING	LS	1

PEDESTAL POLE SCHEDULE

POST REFERENCE NUMBER	1	2	3
LOCATION	NE CORNER	SE CORNER	SE CORNER
HEIGHT	10'	15'	5'
NORTHING	180	180	180
EASTING	180	180	180
CASSON ELEV	180	180	180
BASIC DATA	18"	3'	18"
DEPTH	18"	6'	18"
			2'

SIGNAL POLE SCHEDULE

LOCATION	NE CORNER	SE CORNER (FUTURE ONLY)	SW CORNER	NW CORNER
NORTHING	TBD	FUTURE	TBD	TBD
EASTING	TBD	FUTURE	TBD	TBD
CASSON ELEV	TBD	FUTURE	TBD	TBD
BASE DIA.	36"	14"	35"	14"



NEW TRAFFIC CONTROL SIGNAL PLAN

Mast-Arm Traffic Signal Plan Sheet

Marksheffel Road & Lorson Boulevard

LSC
TRANSPORTATION
CONSULTANTS

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Cost Mesa, CA 92009
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Prepared By:
JEFFREY C. HODSDON, PE

REVISIONS	DATE
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DATE: 4/17/23

SCALE: 1" = 20'

DRAWN BY: MWM/JCH

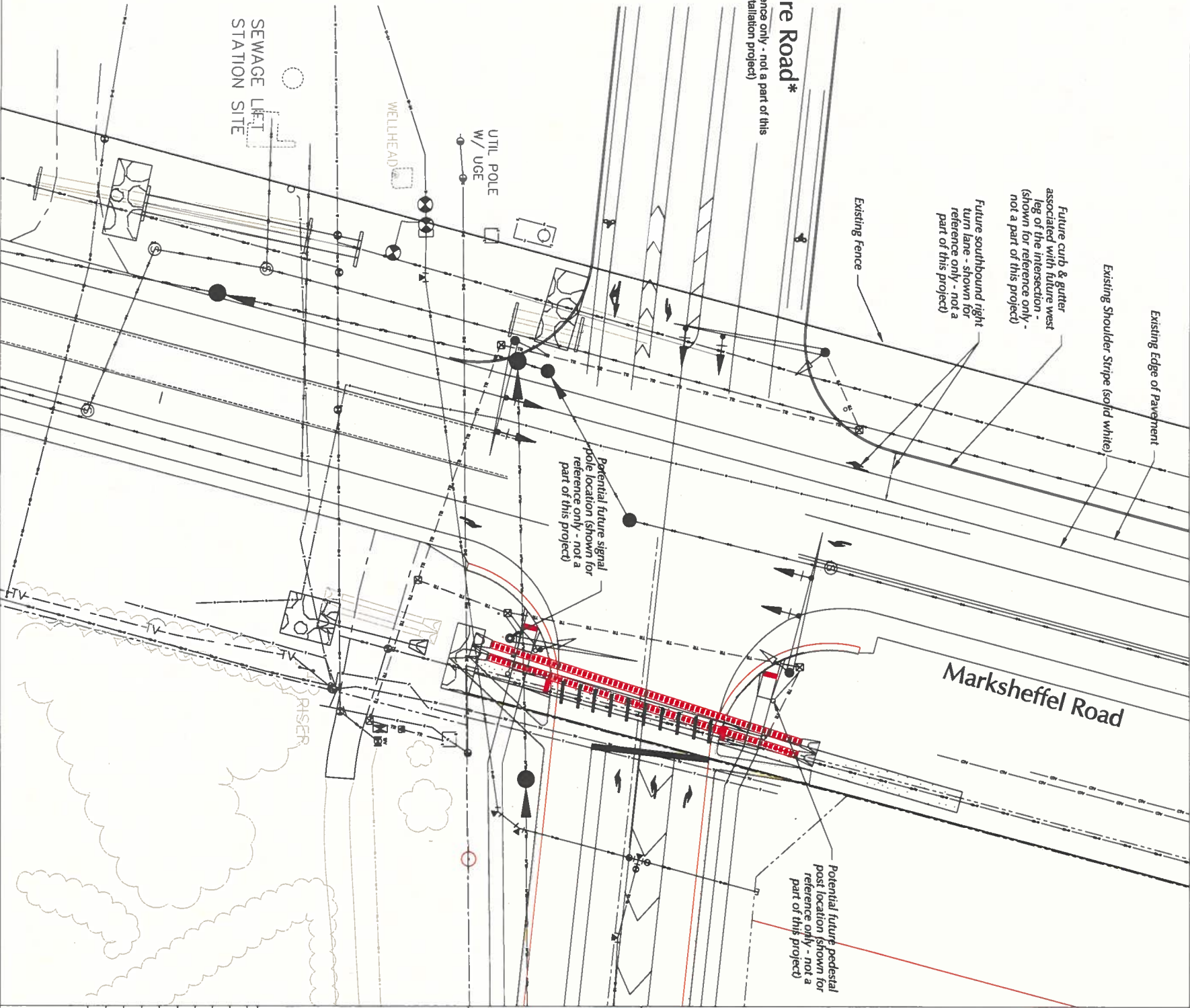
JOB NO.: S224:70

SHT NO.: 2

3 of

* The future 4thwest leg of the intersection is shown for reference only. This sheet shows future curb provided by Matrix Design Group, west leg striping and markings (LSC modified version of original provided by Matrix Design Group), utilities, and other base infrastructure, for reference.

Future Road*
(for reference only - not a part of this signal installation project)



NEW TRAFFIC CONTROL SIGNAL PLAN

Future West Leg, Utilities, Civil Base Marksheffel Road. & Lorson Boulevard

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Burlington, MA 01803
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Prepared By:
JEFFREY C. HOODSON, PE

REVISIONS	DATE

DATE: 4/7/23
SCALE: 1"=20'
DRAWN BY: MAM/ACH
JOB NO.: 522470
DWG: 522470 Signal Plan Sht

SHT NO.: 3

OF 3

