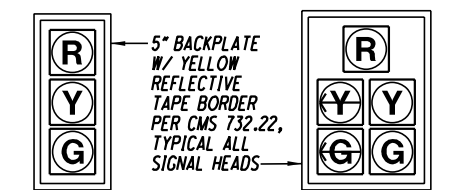
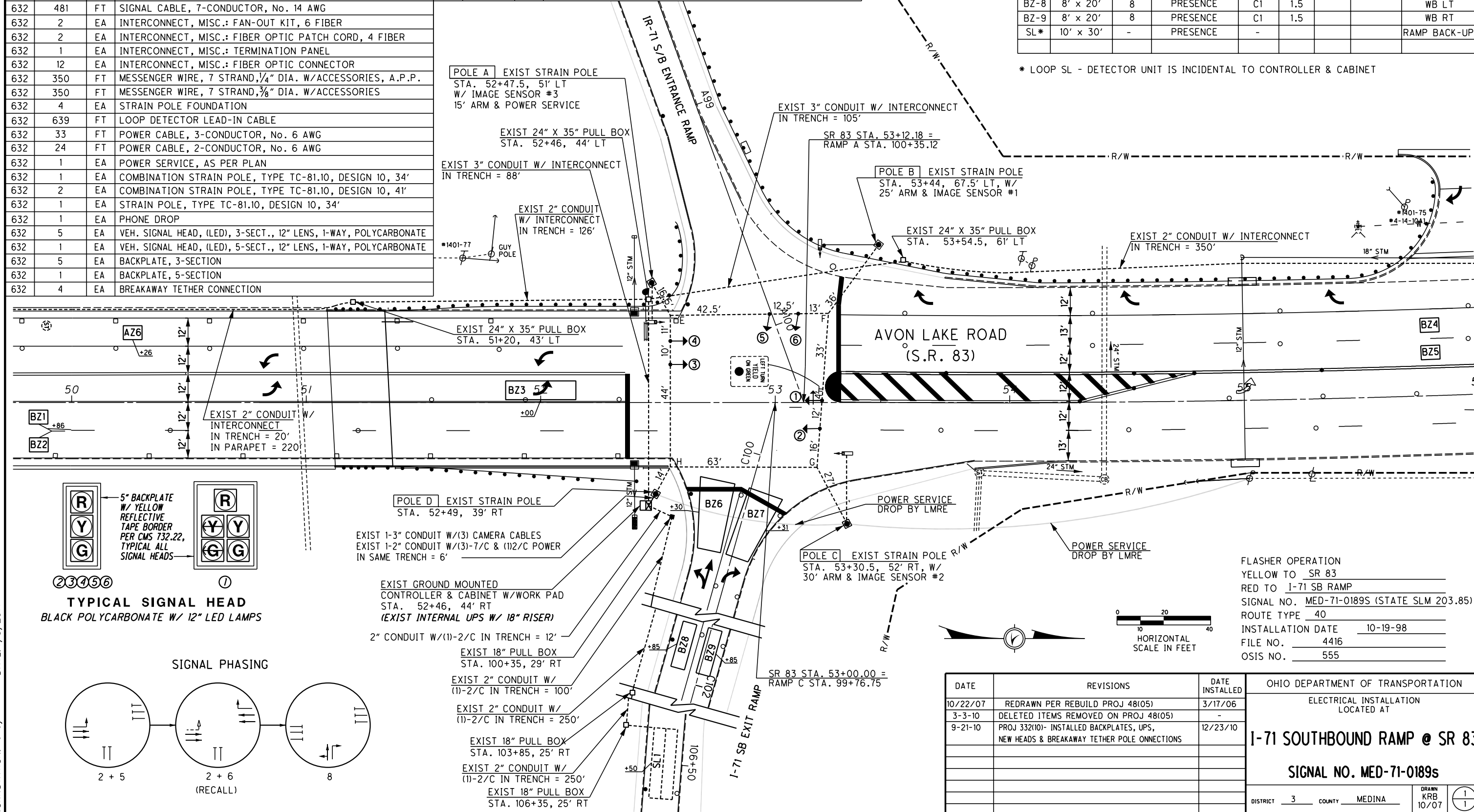


MATERIALS REQUIRED			
ITEM	QUANTITY	UNIT	DESCRIPTION
603	80	FT	CONDUIT, 4", TYPE E
625	1	EA	BRACKET ARM, 15'
625	1	EA	BRACKET ARM, 20'
625	1	EA	BRACKET ARM, 30'
625	618	FT	CONDUIT, 2", 725.04
625	6	FT	CONDUIT, 3", 725.04
625	5	EA	GROUND ROD
625	4	EA	PULL BOX, 725.08, 18"
632	1	EA	DETECTOR LOOP
632	481	FT	SIGNAL CABLE, 7-CONDUCTOR, No. 14 AWG
632	2	EA	INTERCONNECT, MISC.: FAN-OUT KIT, 6 FIBER
632	2	EA	INTERCONNECT, MISC.: FIBER OPTIC PATCH CORD, 4 FIBER
632	1	EA	INTERCONNECT, MISC.: TERMINATION PANEL
632	12	EA	INTERCONNECT, MISC.: FIBER OPTIC CONNECTOR
632	350	FT	MESSENGER WIRE, 7 STRAND, 1/4" DIA. W/ACCESSORIES, A.P.P.
632	350	FT	MESSENGER WIRE, 7 STRAND, 3/8" DIA. W/ACCESSORIES
632	4	EA	STRAIN POLE FOUNDATION
632	639	FT	LOOP DETECTOR LEAD-IN CABLE
632	33	FT	POWER CABLE, 3-CONDUCTOR, No. 6 AWG
632	24	FT	POWER CABLE, 2-CONDUCTOR, No. 6 AWG
632	1	EA	POWER SERVICE, AS PER PLAN
632	1	EA	COMBINATION STRAIN POLE, TYPE TC-81.10, DESIGN 10, 34'
632	2	EA	COMBINATION STRAIN POLE, TYPE TC-81.10, DESIGN 10, 41'
632	1	EA	STRAIN POLE, TYPE TC-81.10, DESIGN 10, 34'
632	1	EA	PHONE DROP
632	5	EA	VEH. SIGNAL HEAD, (LED), 3-SECT., 12" LENS, 1-WAY, POLYCARBONATE
632	1	EA	VEH. SIGNAL HEAD, (LED), 5-SECT., 12" LENS, 1-WAY, POLYCARBONATE
632	5	EA	BACKPLATE, 3-SECTION
632	1	EA	BACKPLATE, 5-SECTION
632	4	EA	BREAKAWAY TETHER CONNECTION

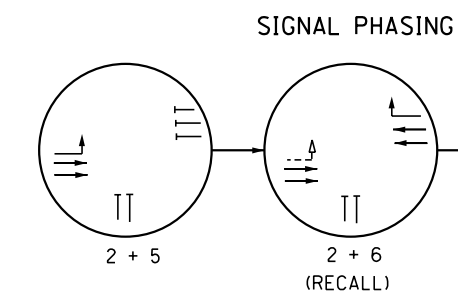
MATERIALS REQUIRED (CONTINUED)			
ITEM	QUANTITY	UNIT	DESCRIPTION
632	1	EA	SIGNALIZATION, MISC.: METER BASE, 100 AMP WITH BYPASS
632	3	EA	SIGNALIZATION, MISC.: VIDEO DETECTION UNIT
632	1	EA	SIGNALIZATION, MISC.: VIDEO DETECTION TRANSMISSION SUBSYSTEM
633	1	EA	CONTROLLER UNIT, TYPE TS2/A2 WITH CABINET, TYPE TS1, A.P.P.
633	1	EA	CONTROLLER, MASTER, TRAFFIC RESPONSIVE
633	1	EA	CABINET FOUNDATION
633	1	EA	CONTROLLER WORK PAD
633	1	EA	CONTROLLER ITEM, MISC.: FIBER OPTIC TRANSCEIVER, MULTIMODE
633	1	EA	UPS 1000W, INTERNAL, W/ 18" RISER

VIDEO DETECTION ZONES/LOOP									
LOOP	SIZE (WXL)	ASSOC. PHASE	TYPE	CAMERA NO.	EXT. (SEC.)	DELAY (SEC.)	DELAY INHIBITED DURING	LABEL	
BZ-1	6' x 8'	2	PULSE	C2				NB EXT THRU	
BZ-2	6' x 8'	2	PULSE	C2				NB EXT THRU	
BZ-3	8' x 30'	5	PRESENCE	C2		5	5	NB LT	
BZ-4	6' x 8'	6	PULSE	C3				SB EXT THRU	
BZ-5	6' x 8'	6	PULSE	C3				SB EXT THRU	
BZ-6	(10'&15')x30'	8	PRESENCE	C1				WB LT	
BZ-7	(10'&15')x30'	8	PRESENCE	C1		15	8	WB RT	
BZ-8	8' x 20'	8	PRESENCE	C1	1.5			WB LT	
BZ-9	8' x 20'	8	PRESENCE	C1	1.5			WB RT	
SL*	10' x 30'	-	PRESENCE	-				RAMP BACK-UP	

* LOOP SL - DETECTOR UNIT IS INCIDENTAL TO CONTROLLER & CABINET



②③④⑤⑥
①
FLASHER OPERATION
YELLOW TO SR 83
RED TO I-71 SB RAMP
SIGNAL NO. MED-71-0189S (STATE SLM 203.85)
ROUTE TYPE 40
INSTALLATION DATE 10-19-98
FILE NO. 4416
OSIS NO. 555



DATE	REVISIONS	DATE INSTALLED
10/22/07	REDRAWN PER REBUILD PROJ 48(05)	3/17/06
3-3-10	DELETED ITEMS REMOVED ON PROJ 48(05)	-
9-21-10	PROJ 332(10)- INSTALLED BACKPLATES, UPS, NEW HEADS & BREAKAWAY TETHER POLE ONNECTIONS	12/23/10

OHIO DEPARTMENT OF TRANSPORTATION		
ELECTRICAL INSTALLATION LOCATED AT		
I-71 SOUTHBOUND RAMP @ SR 83		
SIGNAL NO. MED-71-0189s		
DISTRICT 3	COUNTY MEDINA	DRAWN KRB 10/07

DESIGN FILE: I:\FIELD\N\ELECTRICAL\SIGNAL\DCN\M71&835B.dgn
WORKSTATION: rronney
DATE: 1/5/2011