Andy Beshear
GOVERNOR

TRANSPORTATION CABINET
200 Mero Street
Frankfort, Kentucky 40601

Rebecca Goodman
SECRETARY

November 17, 2026

CALL NO. 100
CONTRACT ID NO. 261523
ADDENDUM # 1

Subject: Fayette County, SLX 3003 (372)
Letting November 19, 2026

(1) Revised – Proposal Bid Items – Page 73-75 of 75
(2) Revised – Plan Sheets: T3, R2B, R2E, R14

Proposal revisions are available at http://transportation.ky.gov/Construction-Procurement/.

If you have any questions, please contact us at 502-564-3500.

Sincerely,



Rachel Mills, P.E.
Director
Division of Construction Procurement

RM:mr
Enclosures

261523

PROPOSAL BID ITEMS

Report Date 11/17/26

261523

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE (REVISED 11-17-26)	2,118.00	TON		$	
0020	00005		GEOGRID REINFORCEMENT FOR SUBGRADE	2,487.00	SQYD		$	
0030	00214		CL3 ASPH BASE 1.00D PG64-22	771.00	TON		$	
0040	00223		CL3 ASPH BASE 0.75D PG64-22	11.00	TON		$	
0050	00356		ASPHALT MATERIAL FOR TACK	4.00	TON		$	
0060	02063		PCC BASE-8 IN	10.00	SQYD		$	
0070	02073		JPC PAVEMENT-9 IN	54.00	SQYD		$	
0080	02101		CEM CONC ENT PAVEMENT-8 IN	116.00	SQYD		$	
0090	02677		ASPHALT PAVE MILLING & TEXTURING	110.00	TON		$	
0100	02720		SIDEWALK-4 IN CONCRETE	195.00	SQYD		$	
0110	22906ES403		CL3 ASPH SURF 0.38A PG64-22	250.00	TON		$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0120	00100		ASPHALT SEAL AGGREGATE	2.00	TON		$	
0130	00103		ASPHALT SEAL COAT	1.00	TON		$	
0140	01810		STANDARD CURB AND GUTTER	278.00	LF		$	
0150	01830		STANDARD INTEGRAL CURB	27.00	LF		$	
0160	01875		STANDARD HEADER CURB	39.00	LF		$	
0170	01876		STANDARD HEADER CURB MOD	85.00	LF		$	
0180	02159		TEMP DITCH	445.00	LF		$	
0190	02200		ROADWAY EXCAVATION	1,507.00	CUYD		$	
0200	02242		WATER	70.00	MGAL		$	
0210	02429		RIGHT-OF-WAY MONUMENT TYPE 1	3.00	EACH		$	
0220	02430		RIGHT-OF-WAY MONUMENT TYPE 1A	1.00	EACH		$	
0230	02432		WITNESS POST	5.00	EACH		$	
0240	02545		CLEARING AND GRUBBING (APPROXIMATELY 0.3 ACRES)	1.00	LS		$	
0250	02562		TEMPORARY SIGNS (REVISED 11-17-26)	143.00	SQFT		$	
0260	02585		EDGE KEY	26.00	LF		$	
0270	02602		FABRIC-GEOTEXTILE CLASS 1	2,555.00	SQYD		$	
0280	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		$	
0290	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		$	
0300	02704		SILT TRAP TYPE B	2.00	EACH		$	
0310	02705		SILT TRAP TYPE C	7.00	EACH		$	
0320	02707		CLEAN SILT TRAP TYPE B	4.00	EACH		$	
0330	02708		CLEAN SILT TRAP TYPE C	14.00	EACH		$	
0340	02726		STAKING	1.00	LS		$	
0350	05950		EROSION CONTROL BLANKET	135.00	SQYD		$	
0360	05952		TEMP MULCH	912.00	SQYD		$	

261523

PROPOSAL BID ITEMS

Page 2 of 3

Report Date 11/17/26

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0370	05953		TEMP SEEDING AND PROTECTION	684.00	SQYD		$	
0380	05963		INITIAL FERTILIZER	1.00	TON		$	
0390	05964		MAINTENANCE FERTILIZER	1.00	TON		$	
0400	05985		SEEDING AND PROTECTION	565.00	SQYD		$	
0410	05992		AGRICULTURAL LIMESTONE	1.00	TON		$	
0420	06511		PAVE STRIPING-TEMP PAINT-6 IN	4,700.00	LF		$	
0430	06540		PAVE STRIPING-THERMO-4 IN W	782.00	LF		$	
0440	06541		PAVE STRIPING-THERMO-4 IN Y	659.00	LF		$	
0450	06542		PAVE STRIPING-THERMO-6 IN W	752.00	LF		$	
0460	06543		PAVE STRIPING-THERMO-6 IN Y	790.00	LF		$	
0470	06556		PAVE STRIPING-DUR TY 1-6 IN W	257.00	LF		$	
0480	06557		PAVE STRIPING-DUR TY 1-6 IN Y	442.00	LF		$	
0490	06566		PAVE MARKING-THERMO X-WALK-12 IN	437.00	LF		$	
0500	06568		PAVE MARKING-THERMO STOP BAR-24IN	101.00	LF		$	
0510	06574		PAVE MARKING-THERMO CURV ARROW	6.00	EACH		$	
0520	10030NS		ASPHALT ADJUSTMENT	4,034.71	DOLL	$1.00	$	$4,034.71
0530	20071EC		JOINT ADHESIVE	280.00	LF		$	
0540	21289ED		LONGITUDINAL EDGE KEY	280.00	LF		$	
0550	23158ES505		DETECTABLE WARNINGS	65.00	SQFT		$	
0560	23253ES717		PAVE MARK TY 1 TAPE CROSS-HATCH	100.00	SQFT		$	
0570	24540		R/W MONUMENT TYPE 3	3.00	EACH		$	
0580	24541		R/W MONUMENT TYPE 3A	1.00	EACH		$	
0590	24845EC		UTILITY COORDINATION	1.00	LS		$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0600	00520		STORM SEWER PIPE-12 IN	54.00	LF		$	
0610	00521		STORM SEWER PIPE-15 IN	67.00	LF		$	
0620	00524		STORM SEWER PIPE-24 IN	124.00	LF		$	
0630	01000		PERFORATED PIPE-4 IN	192.00	LF		$	
0640	01208		PIPE CULVERT HEADWALL-24 IN	1.00	EACH		$	
0650	01310		REMOVE PIPE	160.00	LF		$	
0660	01314		PLUG PIPE	1.00	EACH		$	
0670	01456		CURB BOX INLET TYPE A	2.00	EACH		$	
0680	01650		JUNCTION BOX	2.00	EACH		$	
0690	01718		REMOVE INLET	2.00	EACH		$	
0700	01740		CORED HOLE DRAINAGE BOX CON-4 IN	2.00	EACH		$	
0710	01787		REMOVE MANHOLE	1.00	EACH		$	
0720	02484		CHANNEL LINING CLASS III	41.00	TON		$	
0730	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	396.00	SQYD	$2.00	$	$792.00
0740	02690		SAFELOADING	2.00	CUYD		$	

Section: 0004 - SIGNALIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0750	04780		FUSED CONNECTOR KIT	12.00	EACH		$	

261523

PROPOSAL BID ITEMS

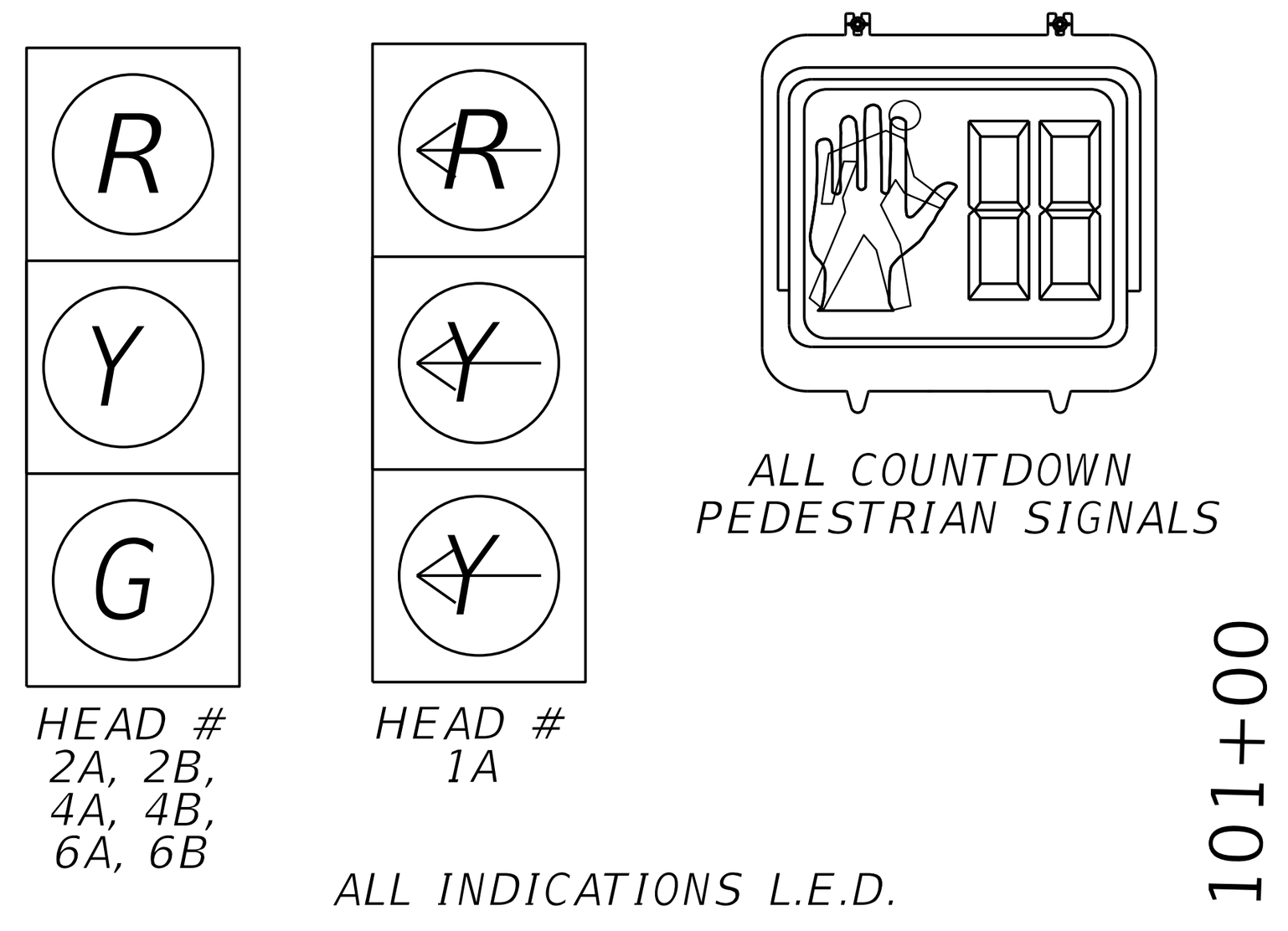
Report Date 11/17/26

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0760	04795		CONDUIT-2 IN	627.00	LF		$	
0770	04811		ELECTRICAL JUNCTION BOX TYPE B	2.00	EACH		$	
0780	04820		TRENCHING AND BACKFILLING	204.00	LF		$	
0790	04821		OPEN CUT ROADWAY	100.00	LF		$	
0800	04841		CABLE-NO. 14/2C	569.00	LF		$	
0810	04845		CABLE-NO. 14/7C	1,445.00	LF		$	
0820	04881		MAST ARM POLE	1.00	EACH		$	
0830	04927		COORDINATING UNIT	1.00	EACH		$	
0840	20093NS835		INSTALL PEDESTRIAN HEAD-LED	5.00	EACH		$	
0850	20188NS835		INSTALL LED SIGNAL-3 SECTION	7.00	EACH		$	
0860	20392NS835		ELECTRICAL JUNCTION BOX TYPE C	6.00	EACH		$	
0870	20457NS835		INSTALL PED DETECTOR-AUDIBLE	6.00	EACH		$	
0880	21077ED		FIBER OPTIC CABLE	321.00	LF		$	
0890	22403NN		WEB CAMERA ASSEMBLY	1.00	EACH		$	
0900	22478NN		WOOD POLE	1.00	EACH		$	
0910	23157EN		TRAFFIC SIGNAL POLE BASE	5.00	CUYD		$	
0920	23222EC		INSTALL SIGNAL PEDESTAL	4.00	EACH		$	
0930	24121EC		HDPE CONDUIT-2 IN-SCHEDULE 80	204.00	LF		$	
0940	24900EC		PVC CONDUIT-1 1/4 IN-SCHEDULE 80	140.00	LF		$	
0950	24901EC		PVC CONDUIT-2 IN-SCHEDULE 80	120.00	LF		$	
0960	24908EC		INSTALL SIGNAL CONTROLLER-TY ATC	1.00	EACH		$	
0970	24922EC		FIBER OPTIC SPLICE ENCLOSURE	1.00	EACH		$	
0980	24923EC		CABINET FIBER TERMINATION PANEL	1.00	EACH		$	
0990	24955ED		REMOVE SIGNAL EQUIPMENT	1.00	EACH		$	
1000	26119EC		INSTALL RADAR PRESENCE DETECTOR TYPE A	2.00	EACH		$	
1010	26169EC		INSTALL MAST ARM DAMPENER	1.00	EACH		$	

Section: 0005 - DEMOBILIZATION & MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1020	02569		DEMOBILIZATION	1.00	LS		$	

SIGNAL HEADS



INSTALL PEDESTRIAN PEDESTAL POLE "F" AT STA. 101+60.86, 18.92' LT. WITH (1) PED HEAD "4B", (1) AUDIBLE PED DETECTOR, & (3) FUSED CONNECTOR KITS.

INSTALL JUNCTION BOX "B2" AT STA. 101+58.00, 16.65' LT.

INSTALL 1-2" RIGID STEEL CONDUIT FROM JUNCTION BOX "C2" TO JUNCTION BOX "B2".

INSTALL (1) 1-1/4" CONDUIT FROM JUNCTION BOX "B2" TO PEDESTAL POLE "F".

INSTALL JUNCTION BOX "C6" LABELED FIBER AT STA. 101+58.00, 23.75' LT.

INSTALL 1-2" RIGID STEEL CONDUIT DOWN EXISTING POWER POLE TO JUNCTION BOX "C6".

INSTALL 1-2" HDPE SDR11 CONDUIT FROM JUNCTION BOX "C6" TO JUNCTION BOX "C5".

EXISTING PEDESTRIAN PEDESTAL POLE "D" AND (1) PED HEAD "4D" TO REMAIN.

INSTALL (1) AUDIBLE PED DETECTOR ON EXISTNG PEDESTRIAN PEDESTAL POLE "D".

INTERCEPT EXISTING CONDUIT AND INSTALL JUNCTION BOX "B1".

INSTALL 1-2" RIGID STEEL CONDUIT FROM JUNCTION BOX "C1" TO JUNCTION BOX "B1" AND RECONNECT TO EXISTING CONDUIT.

MAST ARM POLES

POLE	CALC. MOMENT RESULTANT	MAXIMUM SHEAR	MAXIMUM AXIAL	MAXIMUM TORSION
	FT-KIPS	KIPS	KIPS	FT-KIPS
A	209.9	3.71	6.98	8.05

WIRING SCHEDULE

CABLE	ORIGIN	ENDING	CONNECTING
1-#14/7C	CONTROLLER	SH 2A	SH 2A & 2B
1-#14/7C	CONTROLLER	SH 4B	SH 4A & 4B
1-#14/7C	CONTROLLER	SH 6A	SH 6A & 6B
1-#14/7C	CONTROLLER	SH 1A	SH 1A
1-#14/7C	CONTROLLER	PH 2A	PH 2A
1-#14/2C	CONTROLLER	PD 2A	PD 2A
1-#14/7C	CONTROLLER	PH 2B	PH 2B
1-#14/2C	CONTROLLER	PD 2B	PD 2B
1-#14/7C	CONTROLLER	PH 4A	PH 4A
1-#14/2C	CONTROLLER	PD 4A	PD 4A
1-#14/7C	CONTROLLER	PH 4B	PH 4B
1-#14/2C	CONTROLLER	PD 4B	PD 4B
1-#14/7C	CONTROLLER	PH 4C	PH 4C
1-#14/2C	CONTROLLER	PD 4C	PD 4C
1-SMARTSEN-6C	CONTROLLER	POLE A	RADAR DETECTOR "W4"
1-SMARTSEN-6C	CONTROLLER	POLE A	RADAR DETECTOR "W1"
1-FIBER	EX. POLE POWER	CONTROLLER	CONTROLLER*

*INSTALL 60 ADDITIONAL FEET IN JUNCTION BOX "C3"

RADAR DETECTION ZONE SCHEDULE

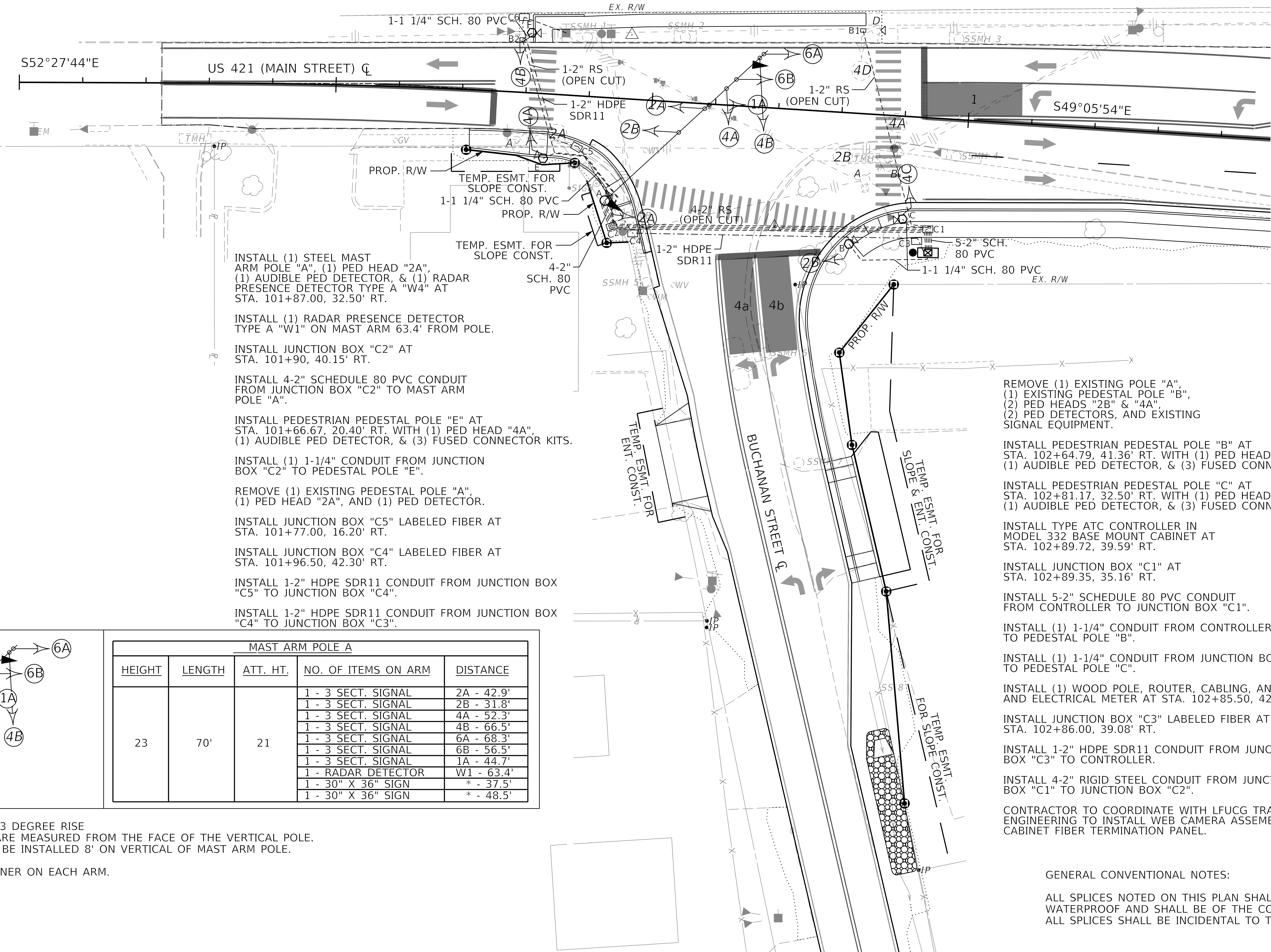
ZONE	SIZE	DIST. FROM STOP BAR
1	10'X30'	0'
4a	10'X30'	0'
4b	10'X30'	0'

FLASHING YELLOW ARROW SIGNAL WIRING AND SPECIAL REQUIREMENTS

7-CONDUCTOR
THREE-SECTION FYA HEADS

CONNECTION	COLOR	OUTPUT FILE CONNECTION FOR FYA ON PHASE 1	OUTPUT FILE CONNECTION OF FYA ON PHASE 5
RED ARROW	RED	PHASE 1 RED	PHASE 5 RED
STEADY YELLOW ARROW	ORANGE	PHASE 1 YELLOW	PHASE 5 YELLOW
FLASHING YELLOW ARROW	BLACK	PHASE 1 GREEN`	PHASE 5 GREEN
NOT USED	BLUE	N/A	N/A
NEUTRAL	WHITE	WHITE	WHITE
EQUIPMENT GROUND	GREEN		
NOT USED	WHITE/TRACER		

THE CONTRACTOR SHALL CONNECT THE CONNECTOR LABELED "2PY 4PY 6PY 8PY" TO CONNECTOR "CMU 13,16,R,U" BEHIND THE OUTPUT PANEL. IF IT IS A SOLID STATE CABINET (SIEMENS) ONLY HAVE 2 CONNECTORS WHICH SIMPLY NEED TO BE CONNECTED TOGETHER.



INSTALL (1) STEEL MAST ARM POLE "A", (1) PED HEAD "2A", (1) AUDIBLE PED DETECTOR, & (1) RADAR PRESENCE DETECTOR TYPE A "W4" AT STA. 101+87.00, 32.50' RT.

INSTALL (1) RADAR PRESENCE DETECTOR TYPE A "W1" ON MAST ARM 63.4' FROM POLE.

INSTALL JUNCTION BOX "C2" AT STA. 101+90, 40.15' RT.

INSTALL 4-2" SCHEDULE 80 PVC CONDUIT FROM JUNCTION BOX "C2" TO MAST ARM POLE "A".

INSTALL PEDESTRIAN PEDESTAL POLE "E" AT STA. 101+66.67, 20.40' RT. WITH (1) PED HEAD "4A", (1) AUDIBLE PED DETECTOR, & (3) FUSED CONNECTOR KITS.

INSTALL (1) 1-1/4" CONDUIT FROM JUNCTION BOX "C2" TO PEDESTAL POLE "E".

REMOVE (1) EXISTING PEDESTAL POLE "A", (1) PED HEAD "2A", AND (1) PED DETECTOR.

INSTALL JUNCTION BOX "C5" LABELED FIBER AT STA. 101+77.00, 16.20' RT.

INSTALL JUNCTION BOX "C4" LABELED FIBER AT STA. 101+96.50, 42.30' RT.

INSTALL 1-2" HDPE SDR11 CONDUIT FROM JUNCTION BOX "C5" TO JUNCTION BOX "C4".

INSTALL 1-2" HDPE SDR11 CONDUIT FROM JUNCTION BOX "C4" TO JUNCTION BOX "C3".

REMOVE (1) EXISTING POLE "A", (1) EXISTING PEDESTAL POLE "B", (2) PED HEADS "2B" & "4A", (2) PED DETECTORS, AND EXISTING SIGNAL EQUIPMENT.

INSTALL PEDESTRIAN PEDESTAL POLE "B" AT STA. 102+64.79, 41.36' RT. WITH (1) PED HEAD "2B", (1) AUDIBLE PED DETECTOR, & (3) FUSED CONNECTOR KITS.

INSTALL PEDESTRIAN PEDESTAL POLE "C" AT STA. 102+81.17, 32.50' RT. WITH (1) PED HEAD "4C", (1) AUDIBLE PED DETECTOR, & (3) FUSED CONNECTOR KITS.

INSTALL TYPE ATC CONTROLLER IN MODEL 332 BASE MOUNT CABINET AT STA. 102+89.72, 39.59' RT.

INSTALL JUNCTION BOX "C1" AT STA. 102+89.35, 35.16' RT.

INSTALL 5-2" SCHEDULE 80 PVC CONDUIT FROM CONTROLLER TO JUNCTION BOX "C1".

INSTALL (1) 1-1/4" CONDUIT FROM CONTROLLER TO PEDESTAL POLE "B".

INSTALL (1) 1-1/4" CONDUIT FROM JUNCTION BOX "C1" TO PEDESTAL POLE "C".

INSTALL (1) WOOD POLE, ROUTER, CABLING, ANTENNA, AND ELECTRICAL METER AT STA. 102+85.50, 42.68' RT.

INSTALL JUNCTION BOX "C3" LABELED FIBER AT STA. 102+86.00, 39.08' RT.

INSTALL 1-2" HDPE SDR11 CONDUIT FROM JUNCTION BOX "C3" TO CONTROLLER.

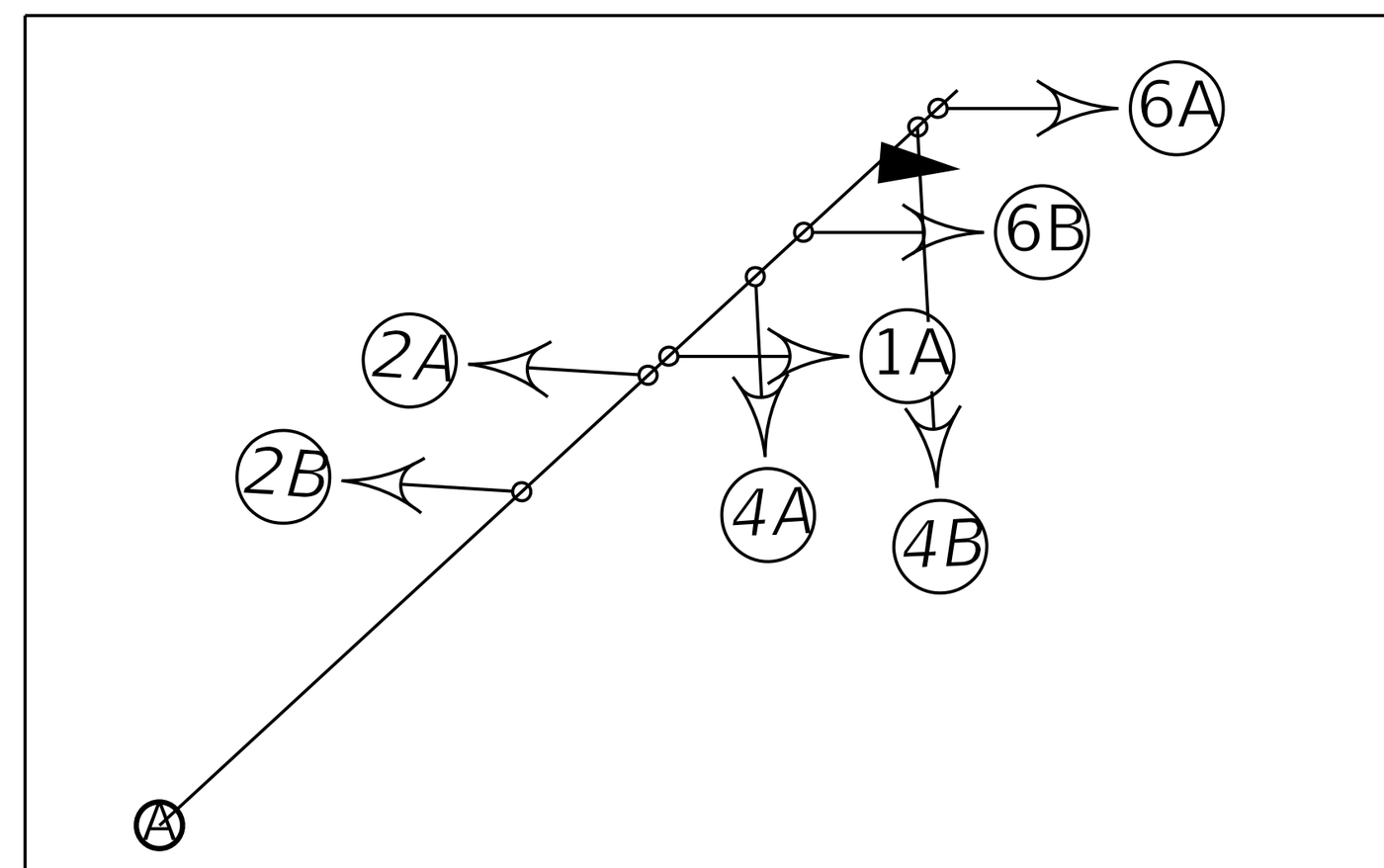
INSTALL 4-2" RIGID STEEL CONDUIT FROM JUNCTION BOX "C1" TO JUNCTION BOX "C2".

CONTRACTOR TO COORDINATE WITH LFUCG TRAFFIC ENGINEERING TO INSTALL WEB CAMERA ASSEMBLY AND CABINET FIBER TERMINATION PANEL.

SCALE 1" - 20'

LEGEND

⊠	BASE MOUNTED CONTROLLER
●	WOOD POLE
	EXISTING TRAFFIC LIGHT
	EXISTING POLE MOUNTED CONTROLLER
A	EXISTING STEEL STRAIN POLE
Ⓐ	MAST ARM POLE
D	EXISTING PEDESTAL POLE
⬡D	PEDESTAL POLE
B9	JUNCTION BOXES TYPES A, B, & C (AS DESIGNATED)
	EX. PEDESTRIAN DETECTOR
◁	PEDESTRIAN DETECTOR
	EX. PEDESTRIAN HEAD
	SIGNAL HEAD
	PEDESTRIAN HEAD
►	RADAR DETECTOR
	RADAR DETECTION ZONE
- - - - -	1¼" SCHEDULE 80 PVC CONDUIT (UNLESS OTHERWISE NOTED)



MAST ARM POLE A				
HEIGHT	LENGTH	ATT. HT.	NO. OF ITEMS ON ARM	DISTANCE
23	70'	21	1 - 3 SECT. SIGNAL	2A - 42.9'
			1 - 3 SECT. SIGNAL	2B - 31.8'
			1 - 3 SECT. SIGNAL	4A - 52.3'
			1 - 3 SECT. SIGNAL	4B - 66.5'
			1 - 3 SECT. SIGNAL	6A - 68.3'
			1 - 3 SECT. SIGNAL	6B - 56.5'
			1 - 3 SECT. SIGNAL	1A - 44.7'
			1 - RADAR DETECTOR	W1 - 63.4'
			1 - 30" X 36" SIGN	* - 37.5'
			1 - 30" X 36" SIGN	* - 48.5'

MAST ARM SHALL HAVE A 3 DEGREE RISE
ATTACHMENT DISTANCES ARE MEASURED FROM THE FACE OF THE VERTICAL POLE.
PED SIGNAL HEADS SHALL BE INSTALLED 8' ON VERTICAL OF MAST ARM POLE.

INSTALL VIBRATION DAMPENER ON EACH ARM.

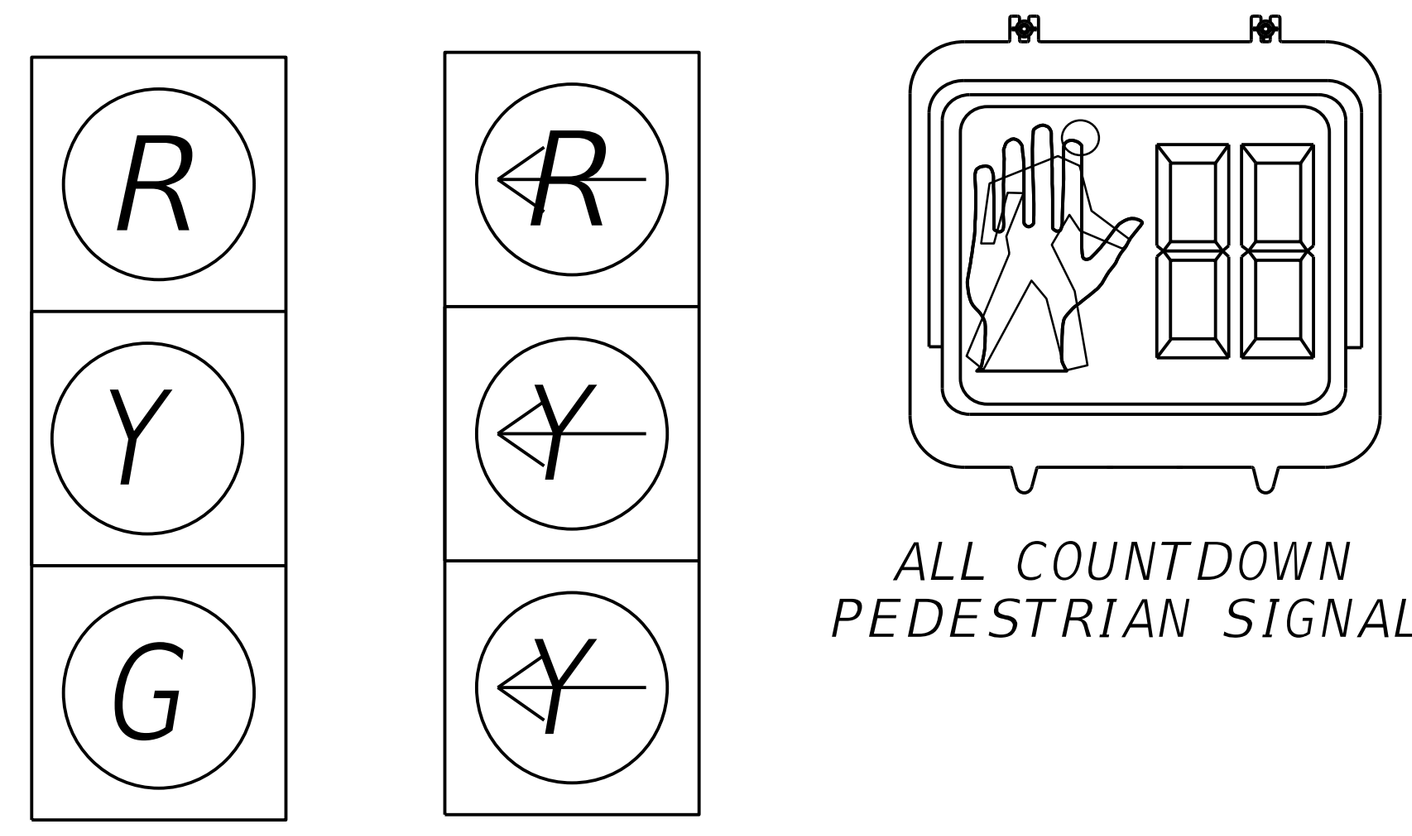
*FUTURE SIGNS

GENERAL CONVENTIONAL NOTES:

ALL SPLICES NOTED ON THIS PLAN SHALL BE APPROVED BY CENTRAL OFFICE TRAFFIC OPERATIONS. THESE SPLICES SHALL BE WATERPROOF AND SHALL BE OF THE CORRECT SIZE FOR THE WIRE USED AND SHALL BE RAYCHEM GTAP-2(B18), OR APPROVED EQUAL. ALL SPLICES SHALL BE INCIDENTAL TO THE WIRE AND CABLE BEING INSTALLED.

REVISED 11-04-26

SIGNAL HEADS



ALL INDICATIONS L.E.D.

INSTALL PEDESTRIAN PEDESTAL POLE "F" AT STA. 101+60.86, 18.92' LT. WITH (1) PED HEAD "4B", (1) AUDBILE PED DETECTOR, & (3) FUSED CONNECTOR KITS.

INSTALL JUNCTION BOX "B2" AT STA. 101+58.00, 16.65' LT.

INSTALL 1-2" RIGID STEEL CONDUIT FROM JUNCTION BOX "C2" TO JUNCTION BOX "B2".

INSTALL (1) 1-1/4" CONDUIT FROM JUNCTION BOX "B2" TO PEDESTAL POLE "F".

INSTALL JUNCTION BOX "C6" LABELED FIBER AT STA. 101+58.00, 23.75' LT.

INSTALL 1-2" RIGID STEEL CONDUIT DOWN EXISTING POWER POLE TO JUNCTION BOX "C6".

INSTALL 1-2" HDPE SDR11 CONDUIT FROM JUNCTION BOX "C6" TO JUNCTION BOX "C5".

EXISTING PEDESTRIAN PEDESTAL POLE "D" AND (1) PED HEAD "4D" TO REMAIN.

INSTALL (1) AUDIBLE PED DETECTOR ON EXISTNG PEDESTRIAN PEDESTAL POLE "D".

INTERCEPT EXISTING CONDUIT AND INSTALL JUNCTION BOX "B1".

INSTALL 1-2" RIGID STEEL CONDUIT FROM JUNCTION BOX "C1" TO JUNCTION BOX "B1" AND RECONNECT TO EXISTING CONDUIT.

MAST ARM POLES

POLE	CALC. MOMENT RESULTANT	MAXIMUM SHEAR	MAXIMUM AXIAL	MAXIMUM TORSION
	FT-KIPS	KIPS	KIPS	FT-KIPS
A	209.9	3.71	6.98	8.05

WIRING SCHEDULE

CABLE	ORIGIN	ENDING	CONNECTING
1-#14/7C	CONTROLLER	SH 2A	SH 2A & 2B
1-#14/7C	CONTROLLER	SH 4B	SH 4A & 4B
1-#14/7C	CONTROLLER	SH 6A	SH 6A & 6B
1-#14/7C	CONTROLLER	SH 1A	SH 1A
1-#14/7C	CONTROLLER	PH 2A	PH 2A
1-#14/2C	CONTROLLER	PD 2A	PD 2A
1-#14/7C	CONTROLLER	PH 2B	PH 2B
1-#14/2C	CONTROLLER	PD 2B	PD 2B
1-#14/7C	CONTROLLER	PH 4A	PH 4A
1-#14/2C	CONTROLLER	PD 4A	PD 4A
1-#14/7C	CONTROLLER	PH 4B	PH 4B
1-#14/2C	CONTROLLER	PD 4B	PD 4B
1-#14/7C	CONTROLLER	PH 4C	PH 4C
1-#14/2C	CONTROLLER	PD 4C	PD 4C
1-SMARTSEN-6C	CONTROLLER	POLE A	RADAR DETECTOR "W4"
1-SMARTSEN-6C	CONTROLLER	POLE A	RADAR DETECTOR "W1"
1-FIBER	EX. POLE POWER	CONTROLLER	CONTROLLER*

*INSTALL 60 ADDITIONAL FEET IN JUNCTION BOX "C3"

RADAR DETECTION ZONE SCHEDULE

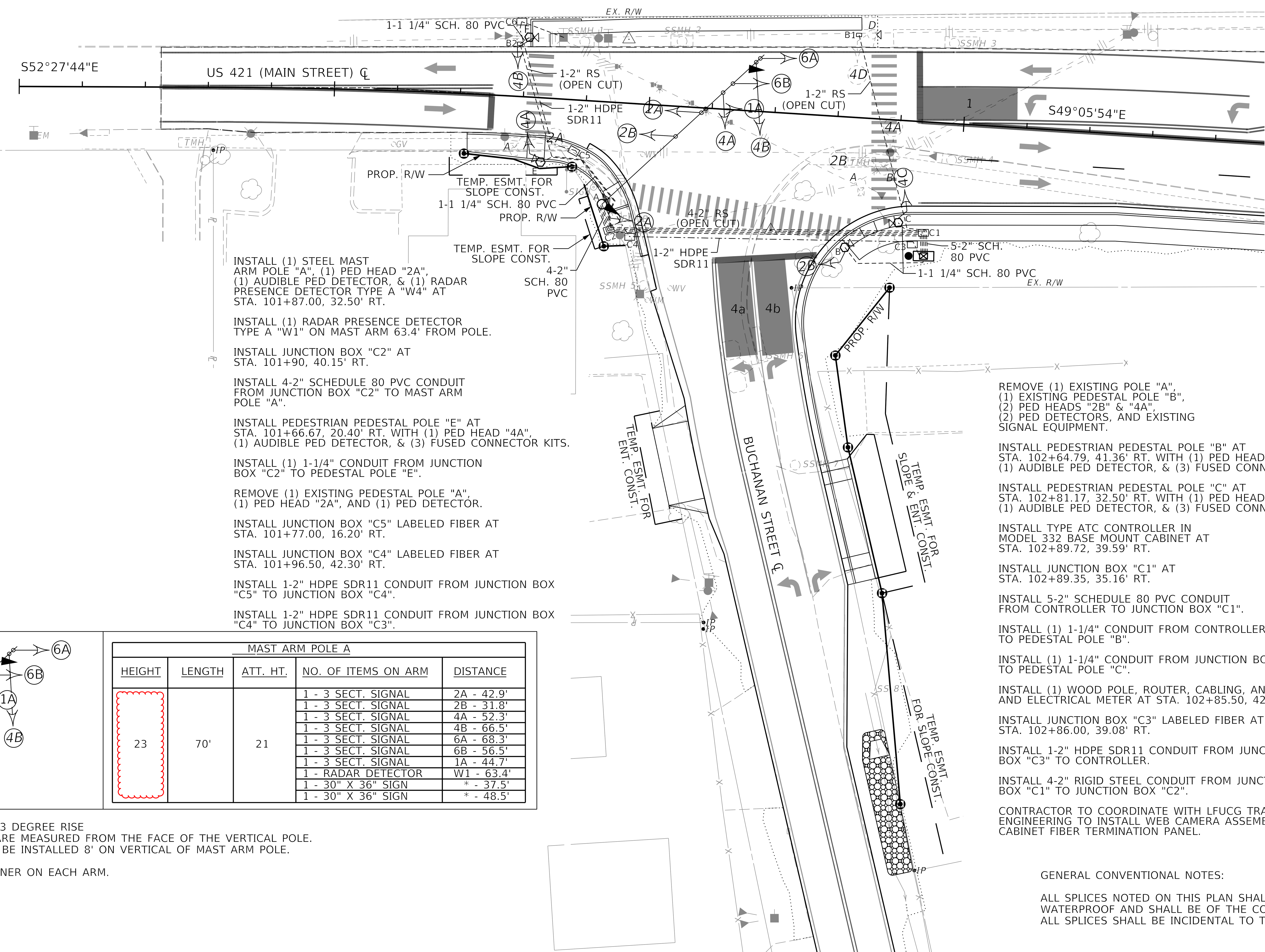
ZONE	SIZE	DIST. FROM STOP BAR
1	10'X30'	0'
4a	10'X30'	0'
4b	10'X30'	0'

FLASHING YELLOW ARROW SIGNAL WIRING AND SPECIAL REQUIREMENTS

7-CONDUCTOR THREE-SECTION FYA HEADS

CONNECTION	COLOR	OUTPUT FILE CONNECTION FOR FYA ON PHASE 1	OUTPUT FILE CONNECTION OF FYA ON PHASE 5
RED ARROW	RED	PHASE 1 RED	PHASE 5 RED
STEADY YELLOW ARROW	ORANGE	PHASE 1 YELLOW	PHASE 5 YELLOW
FLASHING YELLOW ARROW	BLACK	PHASE 1 GREEN`	PHASE 5 GREEN
NOT USED	BLUE	N/A	N/A
NEUTRAL	WHITE	WHITE	WHITE
EQUIPMENT GROUND	GREEN		
NOT USED	WHITE/TRACER		

THE CONTRACTOR SHALL CONNECT THE CONNECTOR LABELED "2PY 4PY 6PY 8PY" TO CONNECTOR "CMU 13,16,R,U" BEHIND THE OUTPUT PANEL. IF IT IS A SOLID STATE CABINET (SIEMENS) ONLY HAVE 2 CONNECTORS WHICH SIMPLY NEED TO BE CONNECTED TOGETHER.



INSTALL (1) STEEL MAST ARM POLE "A", (1) PED HEAD "2A", (1) AUDIBLE PED DETECTOR, & (1) RADAR PRESENCE DETECTOR TYPE A "W4" AT STA. 101+87.00, 32.50' RT.

INSTALL (1) RADAR PRESENCE DETECTOR TYPE A "W1" ON MAST ARM 63.4' FROM POLE.

INSTALL JUNCTION BOX "C2" AT STA. 101+90, 40.15' RT.

INSTALL 4-2" SCHEDULE 80 PVC CONDUIT FROM JUNCTION BOX "C2" TO MAST ARM POLE "A".

INSTALL PEDESTRIAN PEDESTAL POLE "E" AT STA. 101+66.67, 20.40' RT. WITH (1) PED HEAD "4A", (1) AUDIBLE PED DETECTOR, & (3) FUSED CONNECTOR KITS.

INSTALL (1) 1-1/4" CONDUIT FROM JUNCTION BOX "C2" TO PEDESTAL POLE "E".

REMOVE (1) EXISTING PEDESTAL POLE "A", (1) PED HEAD "2A", AND (1) PED DETECTOR.

INSTALL JUNCTION BOX "C5" LABELED FIBER AT STA. 101+77.00, 16.20' RT.

INSTALL JUNCTION BOX "C4" LABELED FIBER AT STA. 101+96.50, 42.30' RT.

INSTALL 1-2" HDPE SDR11 CONDUIT FROM JUNCTION BOX "C5" TO JUNCTION BOX "C4".

INSTALL 1-2" HDPE SDR11 CONDUIT FROM JUNCTION BOX "C4" TO JUNCTION BOX "C3".

REMOVE (1) EXISTING POLE "A", (1) EXISTING PEDESTAL POLE "B", (2) PED HEADS "2B" & "4A", (2) PED DETECTORS, AND EXISTING SIGNAL EQUIPMENT.

INSTALL PEDESTRIAN PEDESTAL POLE "B" AT STA. 102+64.79, 41.36' RT. WITH (1) PED HEAD "2B", (1) AUDIBLE PED DETECTOR, & (3) FUSED CONNECTOR KITS.

INSTALL PEDESTRIAN PEDESTAL POLE "C" AT STA. 102+81.17, 32.50' RT. WITH (1) PED HEAD "4C", (1) AUDIBLE PED DETECTOR, & (3) FUSED CONNECTOR KITS.

INSTALL TYPE ATC CONTROLLER IN MODEL 332 BASE MOUNT CABINET AT STA. 102+89.72, 39.59' RT.

INSTALL JUNCTION BOX "C1" AT STA. 102+89.35, 35.16' RT.

INSTALL 5-2" SCHEDULE 80 PVC CONDUIT FROM CONTROLLER TO JUNCTION BOX "C1".

INSTALL (1) 1-1/4" CONDUIT FROM CONTROLLER TO PEDESTAL POLE "B".

INSTALL (1) 1-1/4" CONDUIT FROM JUNCTION BOX "C1" TO PEDESTAL POLE "C".

INSTALL (1) WOOD POLE, ROUTER, CABLING, ANTENNA, AND ELECTRICAL METER AT STA. 102+85.50, 42.68' RT.

INSTALL JUNCTION BOX "C3" LABELED FIBER AT STA. 102+86.00, 39.08' RT.

INSTALL 1-2" HDPE SDR11 CONDUIT FROM JUNCTION BOX "C3" TO CONTROLLER.

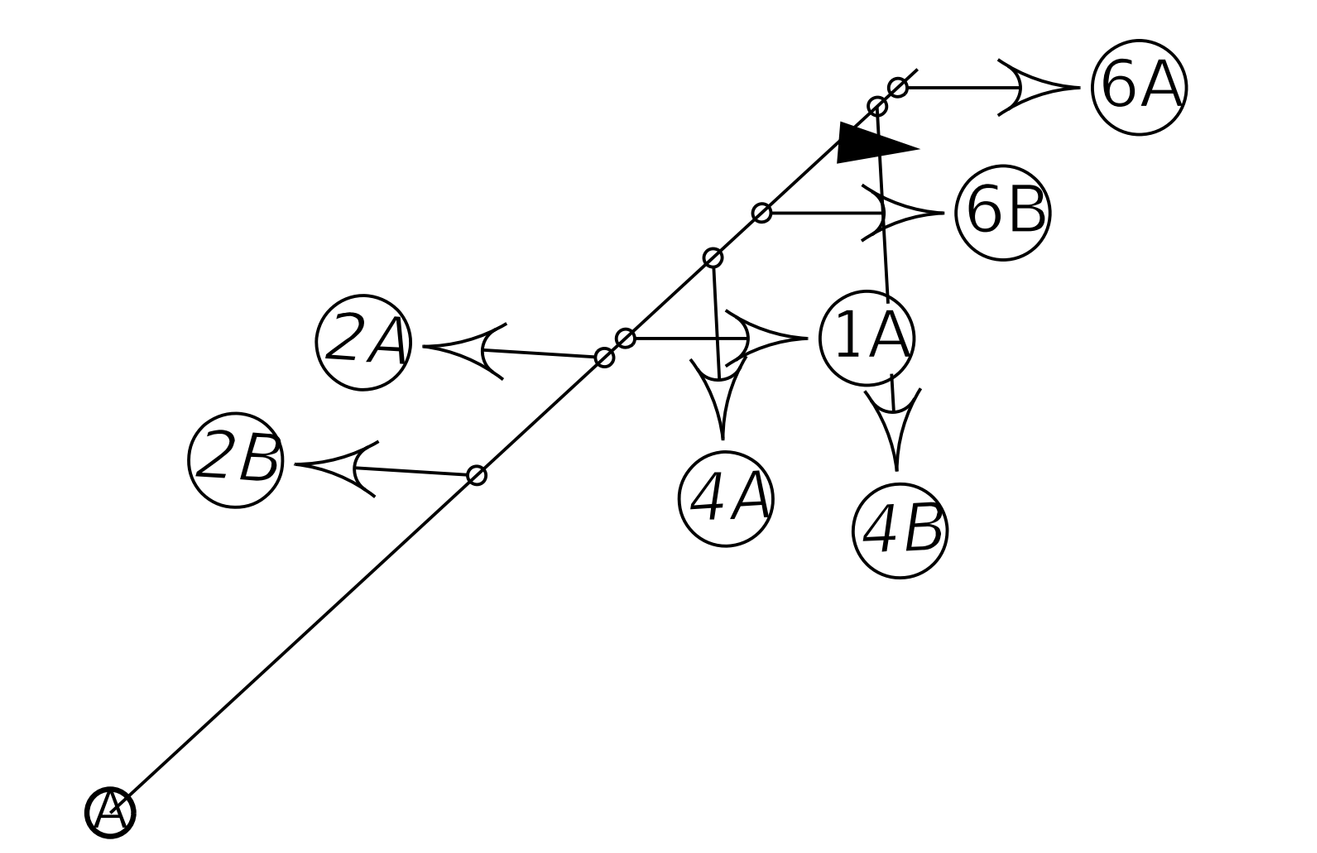
INSTALL 4-2" RIGID STEEL CONDUIT FROM JUNCTION BOX "C1" TO JUNCTION BOX "C2".

CONTRACTOR TO COORDINATE WITH LFUCG TRAFFIC ENGINEERING TO INSTALL WEB CAMERA ASSEMBLY AND CABINET FIBER TERMINATION PANEL.

SCALE 1" – 20'

LEGEND

☒	BASE MOUNTED CONTROLLER
●	WOOD POLE
	EXISTING TRAFFIC LIGHT
	EXISTING POLE MOUNTED CONTROLLER
A	EXISTING STEEL STRAIN POLE
Ⓐ	MAST ARM POLE
D	EXISTING PEDESTAL POLE
⬡D	PEDESTAL POLE
B9	JUNCTION BOXES TYPES A, B, & C (AS DESIGNATED)
	EX. PEDESTRIAN DETECTOR
◁	PEDESTRIAN DETECTOR
	EX. PEDESTRIAN HEAD
	SIGNAL HEAD
	PEDESTRIAN HEAD
►	RADAR DETECTOR
	RADAR DETECTION ZONE
- - - - -	1¼" SCHEDULE 80 PVC CONDUIT (UNLESS OTHERWISE NOTED)



MAST ARM POLE A

HEIGHT	LENGTH	ATT. HT.	NO. OF ITEMS ON ARM	DISTANCE
23	70'	21	1 - 3 SECT. SIGNAL	2A - 42.9'
			1 - 3 SECT. SIGNAL	2B - 31.8'
			1 - 3 SECT. SIGNAL	4A - 52.3'
			1 - 3 SECT. SIGNAL	4B - 66.5'
			1 - 3 SECT. SIGNAL	6A - 68.3'
			1 - 3 SECT. SIGNAL	6B - 56.5'
			1 - 3 SECT. SIGNAL	1A - 44.7'
			1 - RADAR DETECTOR	W1 - 63.4'
			1 - 30" X 36" SIGN	* - 37.5'
			1 - 30" X 36" SIGN	* - 48.5'

MAST ARM SHALL HAVE A 3 DEGREE RISE
ATTACHMENT DISTANCES ARE MEASURED FROM THE FACE OF THE VERTICAL POLE.
PED SIGNAL HEADS SHALL BE INSTALLED 8' ON VERTICAL OF MAST ARM POLE.

INSTALL VIBRATION DAMPENER ON EACH ARM.

*FUTURE SIGNS

GENERAL CONVENTIONAL NOTES:

ALL SPLICES NOTED ON THIS PLAN SHALL BE APPROVED BY CENTRAL OFFICE TRAFFIC OPERATIONS. THESE SPLICES SHALL BE WATERPROOF AND SHALL BE OF THE CORRECT SIZE FOR THE WIRE USED AND SHALL BE RAYCHEM GTAP-2(B18), OR APPROVED EQUAL. ALL SPLICES SHALL BE INCIDENTAL TO THE WIRE AND CABLE BEING INSTALLED.

GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	7-0454.00
00100	ASPHALT SEAL AGGREGATE	TON	2
00103	ASPHALT SEAL COAT	TON	1
01810	STANDARD CURB AND GUTTER	LF	278
01830	STANDARD INTEGRAL CURB	LF	27
01875	STANDARD HEADER CURB	LF	39
01876	STANDARD HEADER CURB MOD	LF	85
02159	TEMP DITCH (1)	LF	445
02200	ROADWAY EXCAVATION	CUYD	1,507
02242	WATER (2)	MGAL	70
02429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	3
02430	RIGHT-OF-WAY MONUMENT TYPE 1A	EACH	1
02432	WITNESS POST	EACH	5
02545	CLEARING AND GRUBBING (3)	LS	1
02562	TEMPORARY SIGNS	SQFT	143
02569	DEMOBILIZATION	LS	1
02585	EDGE KEY	LF	26
02602	FABRIC-GEOTEXTILE CLASS 1	SQYD	2,555
02650	MAINTAIN & CONTROL TRAFFIC	LS	1
02676	MOBILIZATION FOR MILL & TEXT	LS	1
02704	SILT TRAP TYPE B	EACH	2
02705	SILT TRAP TYPE C	EACH	7
02707	CLEAN SILT TRAP TYPE B	EACH	4
02708	CLEAN SILT TRAP TYPE C	EACH	14
02726	STAKING	LS	1
04780	FUSED CONNECTOR KIT (9)	EACH	12
04795	CONDUIT-2 IN (9)	LF	627
04811	ELECTRICAL JUNCTION BOX TYPE B (9)	EACH	2
04820	TRENCHING AND BACKFILLING (9)	LF	204
04821	OPEN CUT ROADWAY (9)	LF	100
04841	CABLE-NO. 14/2C (9)	LF	569
04845	CABLE-NO. 14/7C (9)	LF	1,445
04881	MAST ARM POLE (9)	EACH	1
04927	COORDINATING UNIT (9)	EACH	1
05950	EROSION CONTROL BLANKET (4)	SQYD	135
05952	TEMP MULCH (5)	SQYD	912
05953	TEMP SEEDING AND PROTECTION (6)	SQYD	684
05963	INITIAL FERTILIZER (7)	TON	1
05964	MAINTENANCE FERTILIZER (8)	TON	1
05985	SEEDING AND PROTECTION	SQYD	565
05992	AGRICULTURAL LIMESTONE	TON	1
06511	PAVE STRIPING-TEMP PAINT-6 IN	LF	4,700
06540	PAVE STRIPING-THERMO-4 IN W (10)	LF	782
06541	PAVE STRIPING-THERMO-4 IN Y (10)	LF	659
06542	PAVE STRIPING-THERMO-6 IN W (10)	LF	752
06543	PAVE STRIPING-THERMO-6 IN Y (10)	LF	790
06556	PAVE STRIPING-DUR TY 1-6 IN W (10)	LF	257
06557	PAVE STRIPING-DUR TY 1-6 IN Y (10)	LF	442
06566	PAVE MARKING-THERMO X-WALK-12 IN (11)	LF	437
06568	PAVE MARKING-THERMO STOP BAR-24IN (11)	LF	101
06574	PAVE MARKING-THERMO CURV ARROW (10)	EACH	6
10030NS	ASPHALT ADJUSTMENT	DOLL	4,034.71
20071EC	JOINT ADHESIVE	LF	280
20093NS835	INSTALL PEDESTRIAN HEAD-LED (9)	EACH	5
20188NS835	INSTALL LED SIGNAL-3 SECTION (9)	EACH	7
20392NS835	ELECTRICAL JUNCTION BOX TYPE C (9)	EACH	6
20457NS835	INSTALL PED DETECTOR-AUDIBLE (9)	EACH	6
21289ED	LONGITUDINAL EDGE KEY	LF	280
21077ED	FIBER OPTIC CABLE (9)	LF	321
22403NN	WEB CAMERA ASSEMBLY (9)	EACH	1

GENERAL SUMMARY CONT.

ITEM	DESCRIPTION	UNIT	7-0454.00
22478NN	WOOD POLE (9)	EACH	1
23157EN	TRAFFIC SIGNAL POLE BASE (9)	CUYD	5
23158ES505	DETECTABLE WARNINGS	SQFT	65
23222EC	INSTALL SIGNAL PEDESTAL (9)	EACH	4
23253ES717	PAVE MARK TY 1 TAPE CROSS HATCH	SQFT	100
24121EC	HDPE CONDUIT-2 IN-SCHEDULE 80 (9)	LF	204
24540	R/W MONUMENT TYPE 3	EACH	3
24541	R/W MONUMENT TYPE 3A	EACH	1
24845EC	UTILITY COORDINATION	LS	1
24900EC	PVC CONDUIT-1 1/4 IN-SCHEDULE 80 (9)	LF	140
24901EC	PVC CONDUIT-2 IN-SCHEDULE 80 (9)	LF	120
24908EC	INSTALL SIGNAL CONTROLLER TY-ATC (9)	EACH	1
24922EC	FIBER OPTIC SPLICE ENCLOSURE (9)	EACH	1
24923EC	CABINET FIBER TERMINATION PANEL (9)	EACH	1
24955ED	REMOVE SIGNAL EQUIPMENT (9)	EACH	1
26119EC	INSTALL RADAR PRESENCE DETECTOR TYPE A (9)	EACH	2
26169EC	INSTALL MAST ARM DAMPENER (9)	EACH	1

(1) QUANTITY EQUAL TO ONE HALF OF PROJECT LENGTH.

(2) FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC

(3) APPROXIMATELY 0.3 ACRES.

(4) INCLUDES QUANTITY FOR ALL SLOPES EQUAL TO OR STEEPER THAN 3:1 THAT WILL NOT BE SODDED.

(5) QUANTITY EQUAL TO TWO THIRDS TOTAL DISTURBED AREA.

(6) QUANTITY EQUAL TO ONE HALF TOTAL DISTURBED AREA.

(7) APPLICATION RATE OF 500 LBS PER ACRE.

(8) APPLICATION RATE OF 300 LBS PER ACRE.

(9) CARRIED FROM THE SIGNAL SUMMARY.

(10) CARRIED FROM THE STRIPING SUMMARY.

(11) CARRIED FROM THE STRIPING SUMMARY AND INCLUDES MOT QUANTITY.

EARTHWORK QUANTITIES

COM EXC = 1507 CU YD

EMB = 41 CU YD

QUANTITIES ESTIMATED FROM TOTALS SHOWN IN CROSS SECTIONS. EARTHWORK ESTIMATES ARE FOR INFORMATION PURPOSES ONLY. ASSUMPTIONS FOR SHRINKAGE AND SWELL WERE NOT INCLUDED AND ARE THE CONTRACTOR'S RESPONSIBILITY.

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

TEAM KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: GENERAL SUMMARY

ITEM NO. 07-0454.00 COUNTY OF FAYETTE

SHEET NO. R2B

REVISED 11-16-26

GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	7-0454.00
00100	ASPHALT SEAL AGGREGATE	TON	2
00103	ASPHALT SEAL COAT	TON	1
01810	STANDARD CURB AND GUTTER	LF	278
01830	STANDARD INTEGRAL CURB	LF	27
01875	STANDARD HEADER CURB	LF	39
01876	STANDARD HEADER CURB MOD	LF	85
02159	TEMP DITCH (1)	LF	445
02200	ROADWAY EXCAVATION	CUYD	1,507
02242	WATER (2)	MGAL	70
02429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	3
02430	RIGHT-OF-WAY MONUMENT TYPE 1A	EACH	1
02432	WITNESS POST	EACH	5
02545	CLEARING AND GRUBBING (3)	LS	1
02562	TEMPORARY SIGNS	SQFT	143
02569	DEMOBILIZATION	LS	1
02585	EDGE KEY	LF	26
02602	FABRIC-GEOTEXTILE CLASS 1	SQYD	2,555
02650	MAINTAIN & CONTROL TRAFFIC	LS	1
02676	MOBILIZATION FOR MILL & TEXT	LS	1
02704	SILT TRAP TYPE B	EACH	2
02705	SILT TRAP TYPE C	EACH	7
02707	CLEAN SILT TRAP TYPE B	EACH	4
02708	CLEAN SILT TRAP TYPE C	EACH	14
02726	STAKING	LS	1
04780	FUSED CONNECTOR KIT (9)	EACH	12
04795	CONDUIT-2 IN (9)	LF	627
04811	ELECTRICAL JUNCTION BOX TYPE B (9)	EACH	2
04820	TRENCHING AND BACKFILLING (9)	LF	204
04821	OPEN CUT ROADWAY (9)	LF	100
04841	CABLE-NO. 14/2C (9)	LF	569
04845	CABLE-NO. 14/7C (9)	LF	1,445
04881	MAST ARM POLE (9)	EACH	1
04927	COORDINATING UNIT (9)	EACH	1
05950	EROSION CONTROL BLANKET (4)	SQYD	135
05952	TEMP MULCH (5)	SQYD	912
05953	TEMP SEEDING AND PROTECTION (6)	SQYD	684
05963	INITIAL FERTILIZER (7)	TON	1
05964	MAINTENANCE FERTILIZER (8)	TON	1
05985	SEEDING AND PROTECTION	SQYD	565
05992	AGRICULTURAL LIMESTONE	TON	1
06511	PAVE STRIPING-TEMP PAINT-6 IN	LF	4,700
06540	PAVE STRIPING-THERMO-4 IN W (10)	LF	782
06541	PAVE STRIPING-THERMO-4 IN Y (10)	LF	659
06542	PAVE STRIPING-THERMO-6 IN W (10)	LF	752
06543	PAVE STRIPING-THERMO-6 IN Y (10)	LF	790
06556	PAVE STRIPING-DUR TY 1-6 IN W (10)	LF	257
06557	PAVE STRIPING-DUR TY 1-6 IN Y (10)	LF	442
06566	PAVE MARKING-THERMO X-WALK-12 IN (11)	LF	437
06568	PAVE MARKING-THERMO STOP BAR-24IN (11)	LF	101
06574	PAVE MARKING-THERMO CURV ARROW (10)	EACH	6
10030NS	ASPHALT ADJUSTMENT	DOLL	4,034.71
20071EC	JOINT ADHESIVE	LF	280
20093NS835	INSTALL PEDESTRIAN HEAD-LED (9)	EACH	5
20188NS835	INSTALL LED SIGNAL-3 SECTION (9)	EACH	7
20392NS835	ELECTRICAL JUNCTION BOX TYPE C (9)	EACH	6
20457NS835	INSTALL PED DETECTOR-AUDIBLE (9)	EACH	6
21289ED	LONGITUDINAL EDGE KEY	LF	280
21077ED	FIBER OPTIC CABLE (9)	LF	321
22403NN	WEB CAMERA ASSEMBLY (9)	EACH	1

GENERAL SUMMARY CONT.

ITEM	DESCRIPTION	UNIT	7-0454.00
22478NN	WOOD POLE (9)	EACH	1
23157EN	TRAFFIC SIGNAL POLE BASE (9)	CUYD	5
23158ES505	DETECTABLE WARNINGS	SQFT	65
23222EC	INSTALL SIGNAL PEDESTAL (9)	EACH	4
23253ES717	PAVE MARK TY 1 TAPE CROSS HATCH	SQFT	100
24121EC	HDPE CONDUIT-2 IN-SCHEDULE 80 (9)	LF	204
24540	R/W MONUMENT TYPE 3	EACH	3
24541	R/W MONUMENT TYPE 3A	EACH	1
24845EC	UTILITY COORDINATION	LS	1
24900EC	PVC CONDUIT-1 1/4 IN-SCHEDULE 80 (9)	LF	140
24901EC	PVC CONDUIT-2 IN-SCHEDULE 80 (9)	LF	120
24908EC	INSTALL SIGNAL CONTROLLER TY-ATC (9)	EACH	1
24922EC	FIBER OPTIC SPLICE ENCLOSURE (9)	EACH	1
24923EC	CABINET FIBER TERMINATION PANEL (9)	EACH	1
24955ED	REMOVE SIGNAL EQUIPMENT (9)	EACH	1
26119EC	INSTALL RADAR PRESENCE DETECTOR TYPE A (9)	EACH	2
26169EC	INSTALL MAST ARM DAMPENER (9)	EACH	1

(1) QUANTITY EQUAL TO ONE HALF OF PROJECT LENGTH.

(2) FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC

(3) APPROXIMATELY 0.3 ACRES.

(4) INCLUDES QUANTITY FOR ALL SLOPES EQUAL TO OR STEEPER THAN 3:1 THAT WILL NOT BE SODDED.

(5) QUANTITY EQUAL TO TWO THIRDS TOTAL DISTURBED AREA.

(6) QUANTITY EQUAL TO ONE HALF TOTAL DISTURBED AREA.

(7) APPLICATION RATE OF 500 LBS PER ACRE.

(8) APPLICATION RATE OF 300 LBS PER ACRE.

(9) CARRIED FROM THE SIGNAL SUMMARY.

(10) CARRIED FROM THE STRIPING SUMMARY.

(11) CARRIED FROM THE STRIPING SUMMARY AND INCLUDES MOT QUANTITY.

EARTHWORK QUANTITIES

COM EXC = 1507 CU YD
EMB = 41 CU YD

QUANTITIES ESTIMATED FROM TOTALS SHOWN IN CROSS SECTIONS. EARTHWORK ESTIMATES ARE FOR INFORMATION PURPOSES ONLY. ASSUMPTIONS FOR SHRINKAGE AND SWELL WERE NOT INCLUDED AND ARE THE CONTRACTOR'S RESPONSIBILITY.

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
TEAM KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: GENERAL SUMMARY

ITEM NO. 07-0454.00 COUNTY OF FAYETTE
SHEET NO. R2B

PAVING AREAS

ITEM		7-0454 US 421	7-0454 BUCHANAN STREET	7-0454 ENTRANCES	7-0454 SIDEWALK	7-0454 MAINTENANCE OF TRAFFIC										7-0454 TOTAL
		SQUARE YARDS														
1.50"	CL3 ASPH SURF 0.38A PG 64-22	2,162	792	56												3,010
2.50"	CL3 ASPH BASE 0.75D PG 64-22	17		56												73
8.00"	PCC BASE	10														10
3.25"	CL3 ASPH BASE 1.00D PG 64-22	865	798													1,663
3.25"	CL3 ASPH BASE 1.00D PG 64-22	826	810													1,636
3.50"	CL3 ASPH BASE 1.00D PG 64-22	938														938
9.00"	JPC PAVEMENT	54														54
	ASPHALT MATERIAL FOR TACK	3,915	1,596	56												5,567
8.00"	CEM CONC ENT PAVEMENT			116												116
4.00"	CONCRETE SIDEWALK				195											195
2.00"	DGA BASE					1,616										1,616
4.00"	DGA BASE	17		172												189
6.00"	DGA BASE	65														65
12.00"	DGA BASE	950	1,537													2,487
	GEOGRID REINFORCEMENT FOR SUBGRADE	950	1,537													2,487
1.50"	ASPHALT PAVE MILLING AND TEXTURING	1,326														1,326

NOTES:

1. ESTIMATED AT 110 POUNDS PER SQUARE YARD PER INCH OF DEPTH.
2. ESTIMATED AT 115 POUNDS PER SQUARE YARD PER INCH OF DEPTH.
3. ESTIMATED AT 0.84 POUNDS PER SQUARE YARD.
4. INCLUDES 140 TONS FOR DGA WEDGE FOR MAINTENANCE OF TRAFFIC AND TO MAINTAIN ACCESS TO DRIVEWAYS AND ENTRANCES DURING CONSTRUCTION.
5. INCLUDES 5 TONS TO MAINTAIN PEDESTRIAN ACCESS DURING CONSTRUCTION.

PAVING SUMMARY

ITEM	DESCRIPTION	UNIT	7-0454 US 421	7-0454 BUCHANAN STREET	7-0454 ENTRANCES	7-0454 SIDEWALK	7-0454 MAINTENANCE OF TRAFFIC										7-0454 TOTAL
00001	DGA BASE (2)	TON	682	1,061	40		335 (4)(5)										2,118
00005	GEOGRID REINFORCEMENT FOR SUBGRADE	SQYD	950	1,537													2,487
00214	CL3 ASPH BASE 1.00D PG64-22 (1)	TON	483	288													771
00223	CL3 ASPH BASE 0.75D PG64-22 (1)	TON	3		8												11
02063	PCC BASE-8 IN	SQYD	10														10
02073	JPC PAVEMENT-9 IN	SQYD	54														54
00356	ASPHALT MATERIAL FOR TACK (3)	TON	2	1	1												4
02101	CEM CONC ENT PAVEMENT-8 IN	SQYD			116												116
02677	ASPHALT PAVE MILLING & TEXTURING (1)	TON	110														110
02720	SIDEWALK-4 IN CONCRETE	SQYD				195											195
22906ES403	CL3 ASPH SURF 0.38A PG64-22 (1)	TON	179	66	5												250

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

TEAM KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: PAVING SUMMARY

ITEM NO. 07-0454.00
COUNTY OF FAYETTE
SHEET NO. R2E

REVISED 11-16-26

PAVING AREAS

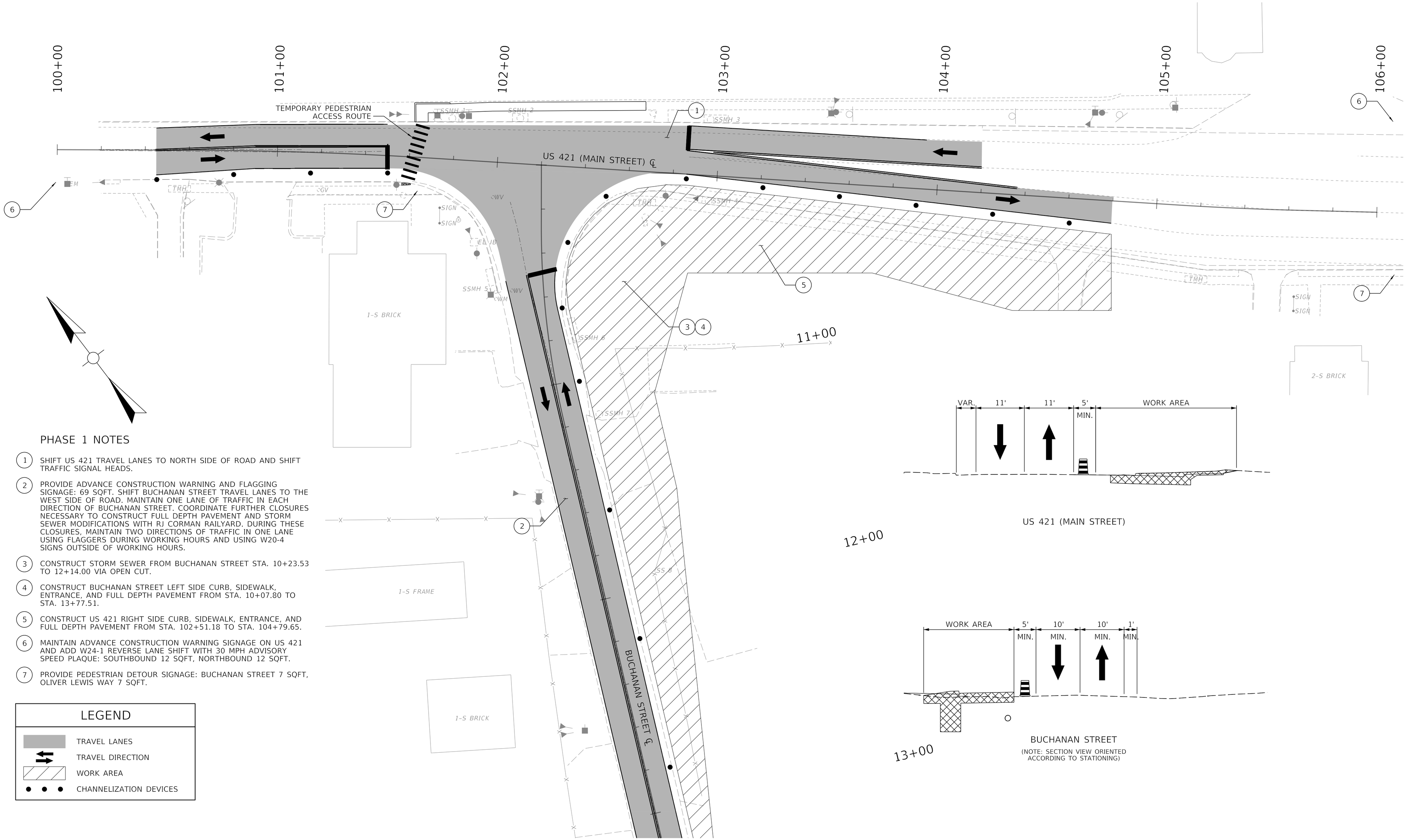
	ITEM	7-0454 US 421	7-0454 BUCHANAN STREET	7-0454 ENTRANCES	7-0454 SIDEWALK	7-0454 MAINTENANCE OF TRAFFIC									7-0454 TOTAL
		SQUARE YARDS													
1.50"	CL3 ASPH SURF 0.38A PG 64-22	2,162	792	56											3,010
2.50"	CL3 ASPH BASE 0.75D PG 64-22	17		56											73
8.00"	PCC BASE	10													10
3.25"	CL3 ASPH BASE 1.00D PG 64-22	865	798												1,663
3.25"	CL3 ASPH BASE 1.00D PG 64-22	826	810												1,636
3.50"	CL3 ASPH BASE 1.00D PG 64-22	938													938
9.00"	JPC PAVEMENT	54													54
	ASPHALT MATERIAL FOR TACK	3,915	1,596	56											5,567
8.00"	CEM CONC ENT PAVEMENT			116											116
4.00"	CONCRETE SIDEWALK				195										195
2.00"	DGA BASE					1,616									1,616
4.00"	DGA BASE	17		172											189
6.00"	DGA BASE	65													65
12.00"	DGA BASE	950	1,537												2,487
	GEOGRID REINFORCEMENT FOR SUBGRADE	950	1,537												2,487
1.50"	ASPHALT PAVE MILLING AND TEXTURING	1,326													1,326

NOTES:

1. ESTIMATED AT 110 POUNDS PER SQUARE YARD PER INCH OF DEPTH.
2. ESTIMATED AT 115 POUNDS PER SQUARE YARD PER INCH OF DEPTH.
3. ESTIMATED AT 0.84 POUNDS PER SQUARE YARD.
4. INCLUDES 140 TONS FOR DGA WEDGE FOR MAINTENANCE OF TRAFFIC AND TO MAINTAIN ACCESS TO DRIVEWAYS AND ENTRANCES DURING CONSTRUCTION.
5. INCLUDES 5 TONS TO MAINTAIN PEDESTRIAN ACCESS DURING CONSTRUCTION.

PAVING SUMMARY

ITEM	DESCRIPTION	UNIT	7-0454 US 421	7-0454 BUCHANAN STREET	7-0454 ENTRANCES	7-0454 SIDEWALK	7-0454 MAINTENANCE OF TRAFFIC									7-0454 TOTAL
00001	DGA BASE (2)	TON	682	1,061	40		335 (4) (5)									2,118
00005	GEOGRID REINFORCEMENT FOR SUBGRADE	SQYD	950	1,537												2,487
00214	CL3 ASPH BASE 1.00D PG64-22 (1)	TON	483	288												771
00223	CL3 ASPH BASE 0.75D PG64-22 (1)	TON	3		8											11
02063	PCC BASE-8 IN	SQYD	10													10
02073	JPC PAVEMENT-9 IN	SQYD	54													54
00356	ASPHALT MATERIAL FOR TACK (3)	TON	2	1	1											4
02101	CEM CONC ENT PAVEMENT-8 IN	SQYD			116											116
02677	ASPHALT PAVE MILLING & TEXTURING (1)	TON	110													110
02720	SIDEWALK-4 IN CONCRETE	SQYD				195										195
22906ES403	CL3 ASPH SURF 0.38A PG64-22 (1)	TON	179	66	5											250



PHASE 1 NOTES

1. SHIFT US 421 TRAVEL LANES TO NORTH SIDE OF ROAD AND SHIFT TRAFFIC SIGNAL HEADS.
2. PROVIDE ADVANCE CONSTRUCTION WARNING AND FLAGGING SIGNAGE: 69 SQFT. SHIFT BUCHANAN STREET TRAVEL LANES TO THE WEST SIDE OF ROAD. MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION OF BUCHANAN STREET. COORDINATE FURTHER CLOSURES NECESSARY TO CONSTRUCT FULL DEPTH PAVEMENT AND STORM SEWER MODIFICATIONS WITH RJ CORMAN RAILYARD. DURING THESE CLOSURES, MAINTAIN TWO DIRECTIONS OF TRAFFIC IN ONE LANE USING FLAGGERS DURING WORKING HOURS AND USING W20-4 SIGNS OUTSIDE OF WORKING HOURS.
3. CONSTRUCT STORM SEWER FROM BUCHANAN STREET STA. 10+23.53 TO 12+14.00 VIA OPEN CUT.
4. CONSTRUCT BUCHANAN STREET LEFT SIDE CURB, SIDEWALK, ENTRANCE, AND FULL DEPTH PAVEMENT FROM STA. 10+07.80 TO STA. 13+77.51.
5. CONSTRUCT US 421 RIGHT SIDE CURB, SIDEWALK, ENTRANCE, AND FULL DEPTH PAVEMENT FROM STA. 102+51.18 TO STA. 104+79.65.
6. MAINTAIN ADVANCE CONSTRUCTION WARNING SIGNAGE ON US 421 AND ADD W24-1 REVERSE LANE SHIFT WITH 30 MPH ADVISORY SPEED PLAQUE: SOUTHBOUND 12 SQFT, NORTHBOUND 12 SQFT.
7. PROVIDE PEDESTRIAN DETOUR SIGNAGE: BUCHANAN STREET 7 SQFT, OLIVER LEWIS WAY 7 SQFT.

LEGEND

- TRAVEL LANES
- TRAVEL DIRECTION
- WORK AREA
- CHANNELIZATION DEVICES

US 421 (MAIN STREET)

BUCHANAN STREET

(NOTE: SECTION VIEW ORIENTED ACCORDING TO STATIONING)

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

TEAM KENTUCKY TRANSPORTATION COST

DRAWING TITLE: MAINTENANCE OF TRAFFIC - PHASE 1

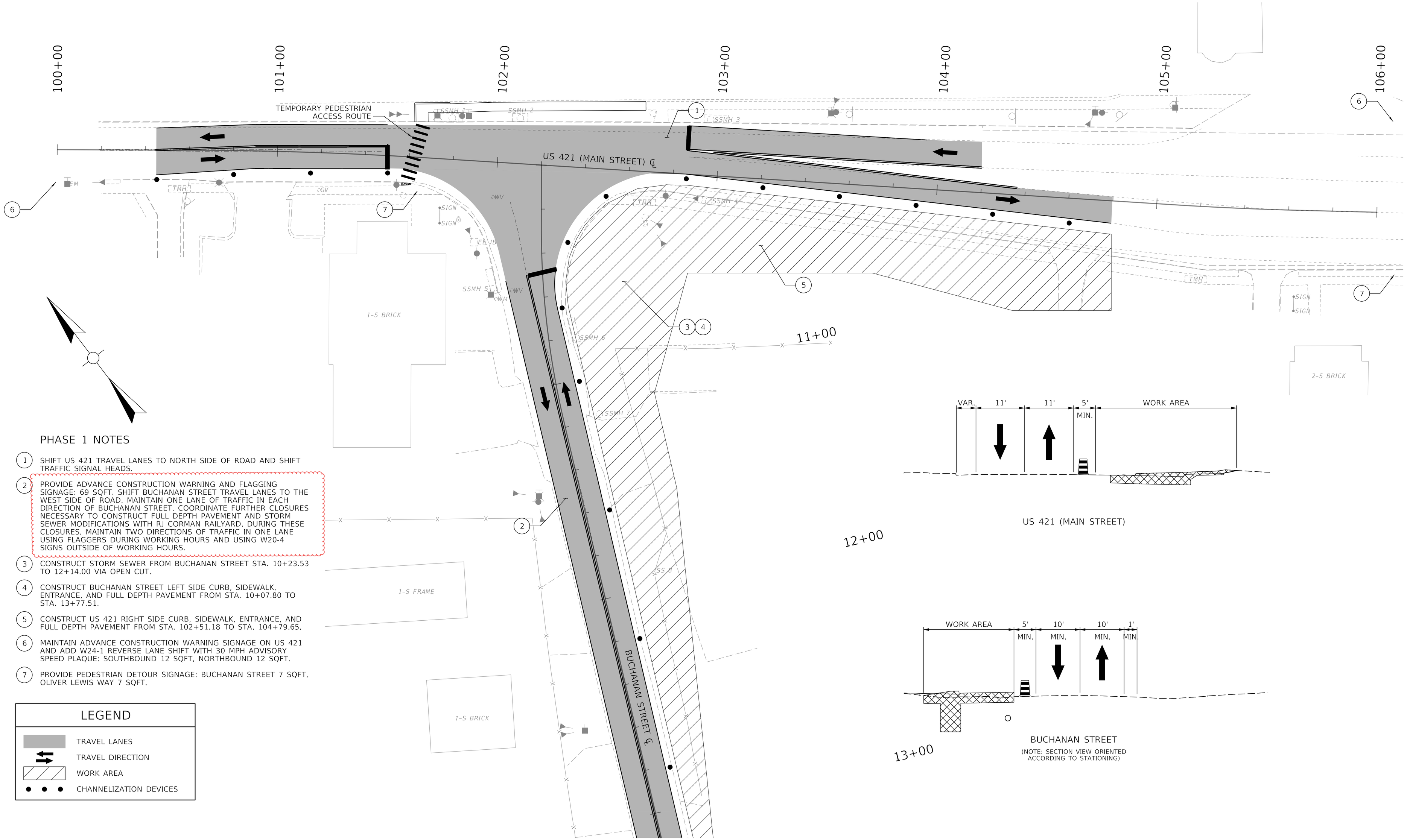
HORIZONTAL SCALE
SCALE: 1" = 20'

0' 20' 40' 80'

US 421 (MAIN STREET)
BUCHANAN STREET

ITEM NO. 07-0454.00
COUNTY OF FAYETTE
SHEET NO. R14

REVISED 11-16-26



PHASE 1 NOTES

1. SHIFT US 421 TRAVEL LANES TO NORTH SIDE OF ROAD AND SHIFT TRAFFIC SIGNAL HEADS.
2. PROVIDE ADVANCE CONSTRUCTION WARNING AND FLAGGING SIGNAGE: 69 SQFT. SHIFT BUCHANAN STREET TRAVEL LANES TO THE WEST SIDE OF ROAD. MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION OF BUCHANAN STREET. COORDINATE FURTHER CLOSURES NECESSARY TO CONSTRUCT FULL DEPTH PAVEMENT AND STORM SEWER MODIFICATIONS WITH RJ CORMAN RAILYARD. DURING THESE CLOSURES, MAINTAIN TWO DIRECTIONS OF TRAFFIC IN ONE LANE USING FLAGGERS DURING WORKING HOURS AND USING W20-4 SIGNS OUTSIDE OF WORKING HOURS.
3. CONSTRUCT STORM SEWER FROM BUCHANAN STREET STA. 10+23.53 TO 12+14.00 VIA OPEN CUT.
4. CONSTRUCT BUCHANAN STREET LEFT SIDE CURB, SIDEWALK, ENTRANCE, AND FULL DEPTH PAVEMENT FROM STA. 10+07.80 TO STA. 13+77.51.
5. CONSTRUCT US 421 RIGHT SIDE CURB, SIDEWALK, ENTRANCE, AND FULL DEPTH PAVEMENT FROM STA. 102+51.18 TO STA. 104+79.65.
6. MAINTAIN ADVANCE CONSTRUCTION WARNING SIGNAGE ON US 421 AND ADD W24-1 REVERSE LANE SHIFT WITH 30 MPH ADVISORY SPEED PLAQUE: SOUTHBOUND 12 SQFT, NORTHBOUND 12 SQFT.
7. PROVIDE PEDESTRIAN DETOUR SIGNAGE: BUCHANAN STREET 7 SQFT, OLIVER LEWIS WAY 7 SQFT.

LEGEND

- TRAVEL LANES
- TRAVEL DIRECTION
- WORK AREA
- CHANNELIZATION DEVICES

US 421 (MAIN STREET)

BUCHANAN STREET

(NOTE: SECTION VIEW ORIENTED ACCORDING TO STATIONING)

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

TEAM KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: MAINTENANCE OF TRAFFIC - PHASE 1

HORIZONTAL SCALE
SCALE: 1" = 20'

0' 20' 40' 80'

US 421 (MAIN STREET)
BUCHANAN STREET

ITEM NO. 07-0454.00
COUNTY OF FAYETTE
SHEET NO. R14