CABLE SCHEDULE

TYPE	PROVIDER	INSTALLER	DESCRIPTION	MANUFACTURER	PART NUMBER
1	*	*	IMSA 51-7 #14 STRANDED LOOP DETECTOR WIRE	ADVANCED CABLE	35LC-1401-XHHW-PE
2	*	*	PIEZO INTEGRATED CABLE	IRD	PROPRIETARY
3	*	**	NOT USED	-	-
4	**	**	IMSA 50-2 #14 STRANDED LOOP LEAD WIRE	ADVANCED CABLE	2J-1402
5	**	**	CAT6 SHIELDED OUTDOOR ETHERNET CABLE	PRIMUS CABLE	C6CMXE-5365BK
6	**	**	#18 AWG STRANDED 6 CONDUCTOR	OMNI CABLE	D91805
7	**	**	ANTENNA COAX CABLE LMR-600	TIMES MICROWAVE	LMR600-DB
8	**	**	#12 AWG STRANDED 3 CONDUCTOR (POWER AND GROUND) 120V	SEE DIV. 26000 SPEC	-
9	*	**	VES CAMERA COMPOSITE CABLE BY MANUACTURER (NOTE 1) 24VDC	JAI	10016435
10	**	**	#12 AWG 3 CONDUCTOR (POWER AND GROUND) 120V (UPS)	SEE DIV. 26000 SPEC	-
11	**	**	#6 AWG 5 CONDUCTOR (POWER AND GROUND) 208V	SEE DIV. 26000 SPEC	-
12	**	**	#18 AWG STRANDED 8 CONDUCTOR (SIGNAL)	OMMI CABLE	D91808
13	**	**	8 AWG STRANDED 3C POWER & GRD 120V	SEE DIV. 26000 SPEC	-
14	**	**	12 FIBER OPTIC MULTIMODE	OCC	DX012DWL59KR
15	**	**	#18 STRAND AWG 4 CONDUCTOR (POWER AND GROUND) 120V	OMNI CABLE	D91804
16	**	**	BELDEN 8723 (RS422 COMMS)	BELDEN	8723
17	**	**	#12 AWG 5 CONDUCTOR (POWER AND GROUND) 208V	SEE DIV. 26000 SPEC	-

* BY TCS INTEGRATOR

** CONTRACTOR

EQUIPMENT SCHEDULE

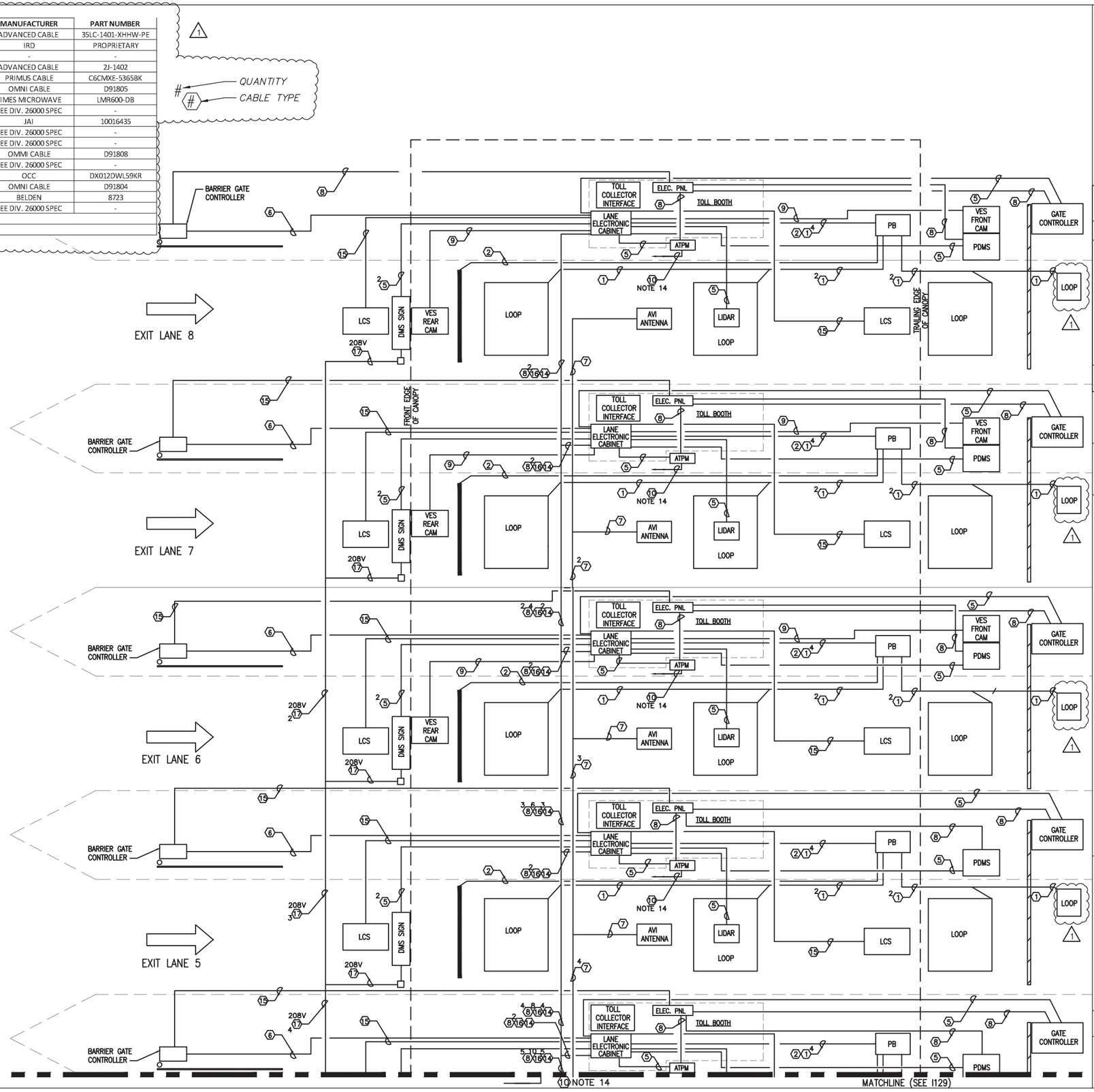
TYPE	DESCRIPTION	PROVIDER	INSTALLER
1	DYNAMIC MESSAGING SIGN	*	*
2	LCS	*	*
3	REAR VES CAMERA WITH ILLUMINATOR	*	*
4	FRONT VES CAMERA WITH ILLUMINATOR	*	*
5	EXIST GATE	*	*
6	PIEZO STRIPA	*	*
7	AVI ANTENNA	*	*
8	LIDAR	*	*
9	PDMS	*	*
10	LANE ELECTRONIC CABINET	*	*
11	TOLL COLLECTOR INTERFACE	*	*
12	AVI CABINET	*	**
13	ATPM	*	*
14	DATIM	*	*
15	BARRIER GATE	*	*

* BY TCS INTEGRATOR

** CONTRACTOR

NOTES:

1. CAMERA AND ILLUMINATOR CABLE BY MANUFACTURER. ILLUMINATOR IS POWERED AND CONTROLLED BY CAMERA.
2. CONTRACTOR TO PROVIDE GROUND ROD PER OHIO STANDARDS FOR TERMINATION BY TCS INTEGRATOR.
3. CONTRACTOR SHALL COIL UP 5'–0" OF CABLE IN GROUND CABINETS FOR TCS TERMINATION.
4. CONTRACTOR SHALL COIL UP 5'–0" OF CABLE IN TOLL BOOTH AT LANE ELECTRONICS CABINET FOR TCS INTEGRATOR TO TEST AND TERMINATE.
5. ALL WIRE SHALL BE INSTALLED BY THE CONTRACTOR UNLESS NOTED OTHERWISE AND TERMINATED AND TESTED BY THE TCS INTEGRATOR.
6. ANY WIRE THAT IS DAMAGED DURING OR AFTER BEING INSTALLED AND DOES NOT TEST CORRECTLY SHALL BE RE–INSTALLED BY THE CONTRACTOR AT NO COST TO THE COMMISSION.
7. COIL 5'–0" OF EQUIPMENT CABLE AT EACH EQUIPMENT LOCATIONS, EQUIPMENT ENCLOSURES AND HANDHOLES UNLESS CALLED OUT OTHERWISE.
8. COIL 12'–0" OF EQUIPMENT CABLE AT POLE FOR PATRON FARE DISPLAY AND CAMERA..
9. CAMERA CABLE SHALL BE PROVIDED AND INSTALLED BY TCS INTEGRATOR.
10. DYNAMIC MESSAGE SIGNS SHALL HAVE 208V POWER SUPPLIED FROM BUILDING.
11. ATPM POWER & COMMS SHALL BE ROUTED THROUGH TOLL BOOTH CONDUIT TO POWER PANEL AND LANE ELECTRONICS CABINET BY CONTRACTOR PER CABLE SCHEDULE.
12. UPS IN TOLL BOOTH FOR LANE ELECTRONICS CABINET AND TOLL COLLECTOR INTERFACE SHALL BE APC SMART UPS 1500 (SMT 1500C) AND SHALL BE PROVIDED AND INSTALLED BY TCS INTEGRATOR.
13. CAMERA CABLE FOR FRONT AND REAR VES IS 24V DC POWER AND SHALL BE ROUTED IN COMMS CONDUIT FROM LEC TO CAMERA.
14. CONTRACTOR SHALL INSTALL A UPS CIRCUIT FROM COMMS ROOM UPS PANEL TO EACH BOOTH CABINET AND THEN TO EACH RESPECTIVE DATIM AND ATPM. BLDG UPS SHALL BE APC SMART UPS 8000KVA PROVIDED AND INSTALLED BY TCS INTEGRATOR.
15. CONTRACTOR TO ROUTE (1) CAT6 FROM DMS TO DM100 CONTROLLER MOUNTED ON WALL.
16. CONTRACTOR TO ROUTE #18 7C FROM LANE ELECTRONIC CABINET TO NEW OR EXISTING WALL CONTROL SWITCH PROVIDED AND INSTALLED BY TCS INTEGRATOR.



DESIGN AGENCY
PRIME AE
540 White Pond Drive, Ste. E
Akron, Ohio 44320
(330)-864-7755

NO.	REVISIONS	BY	DATE
1	ADDENDUM #1		4/30/2021

DESIGNED	CHECKED
RNS	CEK
DRAWN	IN CHARGE
RNS	CEK

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

EXIT LANE CABLE SCHEDULE

TRUMBULL COUNTY

TOLL PLAZA 211

PROJECT 58-21-02

DATE: 4/16/2021

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