

TRAFFIC CONTROL GENERAL NOTES

632 - POWER SERVICE

ELECTRIC POWER SHALL BE OBTAINED FROM THE OHIO POWER COMPANY (OPC) AT THE LOCATION INDICATED ON THE TRAFFIC SIGNAL PLANS. POWER SUPPLIED SHALL BE 120 VOLTS. THE CONTRACTOR SHALL CONTACT BILL MURPHY OF OPC AT (614) 455-4777 TO ARRANGE THE POWER SERVICE SPICE AT THE LOCATION NOTED IN THE PLAN.

PAYMENT FOR ITEM 632 POWER SERVICE SHALL BE AS PER 632.29, AND SHALL INCLUDE ALL HARDWARE, ATTACHMENTS, SERVICE FEES, AND OTHER INCIDENTALS NECESSARY TO PROVIDE POWER SERVICE FOR THE SIGNAL INSTALLATION.

632 - REMOVAL OF EXISTING TRAFFIC SIGNAL INSTALLATION

TRAFFIC SIGNAL INSTALLATIONS - INCLUDING SPAN WIRE SIGNS, SIGNAL HEADS, CABLE, MESSENGER WIRE, PULL BOXES, STRAIN POLES, CABINET, CONTROLLER, ETC. - SHALL BE REMOVED IN ACCORDANCE WITH ITEM 632.25. ALL DESIGNATED ITEMS SHALL BE STORED ON THE PROJECT FOR SALVAGE, AS DIRECTED IN THE PLAN. IN THE EVENT THE ITEMS STORED ON THE PROJECT ARE NOT REMOVED; THE CONTRACTOR SHALL, WHEN DIRECTED BY THE ENGINEER IN WRITING, REMOVE AND DISPOSE OF THE ITEMS AT NO ADDITIONAL COST TO THE PROJECT

UNDERDRAINS FOR PULL BOXES

REFERENCE IS MADE TO THE STANDARD CONSTRUCTION DRAWINGS FOR DETAILS OF DRAINING PULL BOXES. UNDERDRAINS FOR PULL BOXES SHALL BE USED AS DIRECTED BY THE ENGINEER AND SHALL BE PROVIDED WHERE THE LENGTH REQUIRED FOR A SATISFACTORY OUTLET DOES NOT EXCEED APPROXIMATELY 20 FEET. AN ESTIMATED QUANTITY OF 160 LINEAR FEET OF ITEM 603 - 4" CONDUIT, TYPE E, IS INCLUDED IN THE GENERAL SUMMARY FOR THIS PURPOSE.

632 LOOP DETECTOR UNITS, BY TYPE, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF 632 AND 732.07, OR 732.08, LOOP DETECTOR UNITS SHALL HAVE THE FOLLOWING REQUIREMENTS OR FEATURES:

THE OUTPUT DEVICE SHALL BE A RELAY, AND ALL CONTACTS SHALL BE INCLUDED IN THE WIRING HARNESS.

THE UNIT SHALL BE SELF TUNING.

THE UNITS ELECTRICAL CONNECTION PLUGS OR WIRING HARNESS SHALL ALLOW READY REPLACEMENT WITH A SINGLE CHANNEL AMPLIFIER AS DESCRIBED IN THE FINAL PARAGRAPH OF 732.07.

633 CONTROLLER, ACTUATED, BY PHASE, SOLID STATE DIGITAL MICROPROCESSOR AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING AN ACTUATED, SOLID STATE DIGITAL MICROPROCESSOR TYPE CONTROLLER WITH SECONDARY COORDINATOR, MENU DRIVEN PROMPTS, INTERNAL TBC, TELEMETRY UNIT, PHASE "SKIPABILITY", AND ALL OTHER ACCESSORIES THAT ARE NECESSARY TO MAKE THE CONTROLLER COMPLETELY FUNCTIONAL AND OPERATIONAL AS SHOWN IN THE PLANS.

THE OVERLAP PROGRAMMING SHALL BE BY USE OF AN INTERCHANGEABLE PLUGIN PRINTED CIRCUIT BOARD ASSEMBLY AS DIRECTED IN PART 14 OF TS-1 1983. IN ADDITION TO NEMA REQUIREMENTS, THE CONFLICT MONITOR SHALL ALSO HAVE EXTENDED MONITORING IN ACCORDANCE WITH 733.04 PART 3B. THE CONTROLLER HOUSING SHALL BE PAINTED YELLOW FEDERAL STANDARD 595 COLOR 13655. PAYMENT FOR ITEM 633 CONTROLLER, ACTUATED, BY PHASE, SOLID STATE DIGITAL, MICROPROCESSOR AS PER PLAN WILL BE AT THE CONTRACT BID PRICE PER EACH COMPLETE AND IN PLACE INCLUDING ALL CONNECTIONS TESTED AND ACCEPTED.

DEPARTMENT OF INDUSTRIAL RELATIONS, INSPECTION

THERE IS A RULE THAT ALL NEW OR RELOCATED ELECTRIC SERVICE ENCLOSURES ARE TO BE INSPECTED BY A LICENSED STATE INSPECTOR PRIOR TO CONNECTION TO A UTILITY DISTRIBUTION LINE. THIS RULE IS NOW BEING ENFORCED BY THE UTILITY COMPANIES AND THE OHIO DEPARTMENT OF INDUSTRIAL RELATIONS. THIS IS A NEW SITUATION FOR ODOT BECAUSE STATE INSPECTIONS ARE NOT BEING REQUIRED FOR TRAFFIC CONTROL DEVICES AND LIGHTING INSTALLATIONS. THE CONTRACTOR SHALL APPLY FOR THE INDUSTRIAL RELATIONS INSPECTION(S); PAY THE APPROPRIATE FEE(S) TO THE INDUSTRIAL RELATIONS DEPT.; AND ADVISE THE DISTRICT TRAFFIC ENGINEER OF THE TIME OF THE INSPECTION(S), SO THAT HE MAY HAVE A REPRESENTATIVE IN ATTENDANCE. IT IS TO BE NOTED THAT THE INDUSTRIAL RELATIONS INSPECTION IS NOT A SUBSTITUTE FOR ODOT'S FINAL INSPECTION, NOR DOES IT SUPERSEDE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. THE COST OF THE INDUSTRIAL RELATIONS INSPECTION SHALL BE CONSIDERED AS INCIDENTAL TO AND INCLUDED IN THE CONTRACT UNIT PRICE OF THE VARIOUS ITEMS MAKING UP THE TRAFFIC CONTROL DEVICES.

TRAFFIC CONTROL STANDARD CONSTRUCTION DRAWINGS

REFERENCES TO SUPPLEMENTAL SPECIFICATIONS 857, 858, 861, 957, 958, AND 961 ON THE TRAFFIC CONTROL STANDARD CONSTRUCTION DRAWINGS IN THESE PLANS SHALL BE CONSIDERED TO READ AS RESPECTIVE REFERENCES TO ITEMS 630, 631, 633, 730, 731, AND 733. REFERENCES TO ITEM 608 - 4" CONCRETE WALK ON THE TRAFFIC CONTROL PLANS SHALL BE CONSIDERED TO READ ITEM 633 - CONTROLLER WORK PAD. REFERENCES TO STANDARD CONSTRUCTION DRAWING HL-2 SHALL BE CONSIDERED TO READ AS REFERENCES TO STANDARD CONSTRUCTION DRAWING HL-10.12.

632 COMBINATION STRAIN POLE, TYPE TC-81.10 (WITH LIGHT POLE EXTENSION)

THESE SUPPORTS SHALL CONSIST OF A TC-81.10 SIGNAL SUPPORT WITH LIGHT POLE EXTENSION. ALL SIGNAL SUPPORT ITEMS REQUIRED BY 632 SHALL BE INCLUDED AS PART OF THIS SUPPORT.

PAYMENT WILL BE AT THE CONTRACT UNIT PRICE AND WILL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND OTHER INCIDENTALS NECESSARY FOR EACH SUPPORT FURNISHED, IN PLACE, COMPLETE AND ACCEPTED.

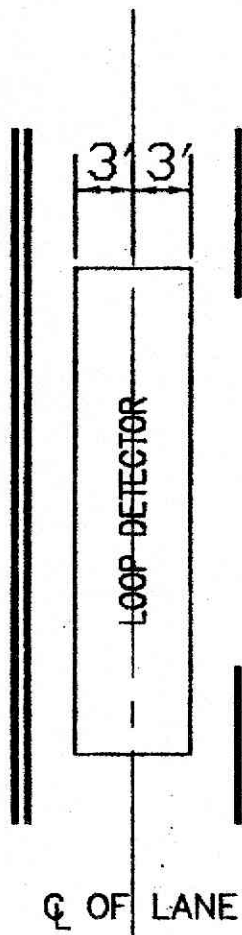
SIGNING PLAN SYMBOL LEGEND

- NEW SIGN
- EXIST. SIGN
- POLE MOUNTED STREET NAME SIGN
- NEW STREET NAME SIGN SUPPORT
- EXIST. STREET NAME SIGN SUPPORT

SIGNAL PLAN SYMBOL LEGEND

- VEHICULAR SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD
- PEDESTRIAN PUSHBUTTON
- CONTROLLER CABINET
- STRAIN POLE
- PEDESTAL
- MAST ARM SUPPORT
- SPAN WIRE MTD. SIGN
- SIGNAL HEAD, STD.-1-WAY
- SIGNAL HEAD, STD.-2-WAY
- SIGNAL HEAD WITH TURN ARROW
- PULLBOX
- LOOP DETECTOR
- POWER SERVICE POLE

TYPICAL LOOP PLACEMENT



PAVEMENT MARKING SYMBOL LEGEND

DESCRIPTION	EXISTING		NEW
	TO REMAIN	TO BE REMOVED	
LANE LINE/CENTER LINE	—	----	—
STOP LINE	—	----	—
WORD ON PAVEMENT	ONLY	ONLY	ONLY
LANE ARROW	↩	↩	↩

SIGN REMOVAL QUANTITIES

SHEET NUMBER	LOCATION	SIDE	SIGN NO.	ITEM 630				
				REMOVAL OF GROUND MOUNTED SIGN AND STORAGE	REMOVAL OF GROUND MOUNTED POST SUPPORT AND STORAGE	REMOVAL OF POLE MOUNTED SIGN AND STORAGE		
				EACH	EACH	EACH		
	9TH STREET							
27	3+40	RT.	SPEC.	1	2			
	4+03	RT.	R-55	1	1			
	4+32	LT.	R-55/R-41B	2	1			
	4+42	RT.	R-1/SPEC.	2	2			
	4+43	RT.	R-55/R-41B	2	2			
	4+67	LT.	M-1/M-2/ M-27/R-43R			7		
	MAIN ST.							
	648+20	RT.	STREET NAME	2	1			
	49+40	LT.	M-1/M-2/M-28			6		
	GREENWOOD AVE.							
	650+48	RT.	SPEC.	1	1			
28	651+34	RT.	R-55/SPEC.	2	1			
	651+52	LT.	M-1/M-2/M-28			6		
	652+70	LT.	M-1/M-2/M-27			6		
	UNDERWOOD AVE.							
	12+28	LT.	R-1	1	1			
	13+54	LT.	STREET NAME	2	1			
	14+05	RT.	R-55	1	1			
	14+06	LT.	R-55	1	1			
	SILJMAN ST.							
	5+51	LT.	STREET NAME	1	1			
	5+53	LT.	R-1	1	1			
	FOUNTAIN SQ.							
	39+64	LT.	R-41B	1	1			
	39+73	RT.	R-1/R-41B	2	1			
	40+39	LT.	R-1	1	1			
	TOTALS TO GENERAL SUMMARY			24	20	25		