

# GENERAL SUMMARY

ITEM	SHEET NUMBER			ITEM	TOTAL	UNIT	DESCRIPTION
	2	3	6				
202				49	202	49	L.F. CURB REMOVED
202				L.S.	202	L.S.	L.S. STRUCTURE REMOVED
625	6			625	6	EA.	18" CONCRETE PULL BOX, MODIFIED AS PER PLAN
625	5			625	5	EA.	GROUND ROD
625	777			625	777	L.F.	1 1/2" CONDUIT, 713.04
625	340			625	340	L.F.	TRENCH IN PAVED AREAS, TYPE A, AS PER PLAN
625	337			625	337	L.F.	TRENCH IN PAVED AREAS, TYPE B, AS PER PLAN
625	133			625	133	L.F.	TRENCH
625	7			625	7	L.F.	4" CONDUIT, 713.04
843	1			843	1	EA.	CONTROLLER, FULL ACTUATED, 6 PHASE, SOLID STATE DIGITAL, PHASE MODULAR MICROPROCESSOR, WITH CABINET, AS PER PLAN
843	1.85			843	1.85	CU. YD.	CONCRETE FOR CABINET FOUNDATION
632	8			632	8	EA.	LOOP DETECTOR AMPLIFIER
632	2			632	2	EA.	LOOP DETECTOR AMPLIFIER WITH DELAY CALL FEATURE
632	109			632	109	L.F.	LOOP DETECTOR PAVEMENT CUTTING
632	330			632	330	L.F.	LOOP DETECTOR WIRE
632	1769			632	1769	L.F.	LOOP DETECTOR LEAD IN CABLE
632	4			632	4	EA.	STRAIN POLE, TYPE 8110, DESIGN N <sup>o</sup> 4
632	8.52			632	8.52	CU. YD.	CONCRETE FOR ANCHOR BASE FOUNDATIONS
632	2			632	2	EA.	CABLE SUPPORT ASSEMBLY
632		4		632	4	EA.	VEHICULAR SIGNAL HEAD, 5 SECTION, 12 INCH LENS, 1 WAY
632		4		632	4	EA.	VEHICULAR SIGNAL HEAD, 3 SECTION, 12 INCH LENS, 1 WAY
632		300		632	300	L.F.	MESSENGER WIRE, 7 STRANDS 3/8 INCH DIAMETER, WITH ACCESSORIES
632		451		632	451	L.F.	SIGNAL CABLE, 2 CONDUCTOR N <sup>o</sup> 14 AWG
632		46		632	46	L.F.	SIGNAL CABLE, 5 CONDUCTOR N <sup>o</sup> 14 AWG
632		518		632	518	L.F.	SIGNAL CABLE, 7 CONDUCTOR N <sup>o</sup> 14 AWG
632		100		632	100	L.F.	POWER CABLE, 2 CONDUCTOR N <sup>o</sup> 8 AWG
632		8		632	8	EA.	COVERING OF VEHICULAR SIGNAL HEAD
632		1		632	1	EA.	REMOVAL OF TRAFFIC SIGNAL INSTALLATION,
632		4		632	4	EA.	PEDESTRIAN PUSHBUTTON
SPEC.				SPEC.	L.S.	L.S.	RELOCATION OF "GULF" SIGN
SPEC.				SPEC.	L.S.	L.S.	RELOCATION OF "AREA" LIGHTS
614				614	L.S.	L.S.	MAINTAINING TRAFFIC
623				623	L.S.	L.S.	CONSTRUCTION LAYOUT STAKES
624				624	L.S.	L.S.	MOBILIZATION, AS PER PLAN.
ALTERNATE BID ITEMS							
843		1		843	1	EA.	CONTROLLER, FULL ACTUATED, 6 PHASE, SOLID STATE DIGITAL, PHASE MODULAR MICROPROCESSOR, WITH CABINET, AS PER PLAN (MULTISONIC)
632		8		632	8	EA.	LOOP DETECTOR AMPLIFIER (DETECTOR SYSTEMS) MOD. 810
632		4		632	4	EA.	VEHICULAR SIGNAL HEAD, 5 SECTION, 12 INCH LENS, 1 WAY (KENTRON)
632		4		632	4	EA.	VEHICULAR SIGNAL HEAD, 3 SECTION, 12 INCH LENS, 1 WAY (KENTRON)
		2		632	2	EA.	LOOP DETECTOR AMPLIFIER WITH DELAY CALL FEATURE (DETECTOR SYSTEMS) MOD. 813 <i>(DETECTOR SYSTEMS) MOD. 813</i>

## GENERAL

### TRAFFIC MAINTENANCE

Two-way traffic shall be maintained at all times by use of the existing pavement.

The Contractor shall furnish and maintain all necessary safeguards such as barricades, barriers, lighting, flagmen, temporary guardrail, and other traffic control devices as provided in Item 614 Maintaining Traffic so as to avoid damage and/or injury to persons and vehicles using the roadway during construction.

Payment for labor and equipment required for the construction, maintenance and subsequent removal of approaches, by-passes, crossovers, driveways, barricades, lights, signs and sign supports shall be included in the lump sum bid for Item 614 Maintaining Traffic.

### UTILITY OWNERSHIP

The following utilities and owners are located within the work limits of this project:

Sanitary and Storm Sewer:  
City of Wickliffe  
28730 Ridge Road  
Wickliffe, Ohio 44092  
216-944-4000  
Darryl Crossman, Service Director

Waterlines:  
The Cleveland Water Department  
Utilities Engineering  
1201 Lakeside Avenue  
Cleveland, Ohio 44114  
216-664-3064  
Richard Kmetz, Supervisor, Inspection and Enforcement Unit

Electric:  
The Cleveland Electric Illuminating Company  
Illuminating Building  
55 Public Square  
Cleveland, Ohio 44114  
216-623-1350

Gas:  
The East Ohio Gas Company  
1201 East 55th Street  
Cleveland, Ohio 44103  
216-361-2753  
Richard N. Jender, Distribution Engineer

Telephone:  
The Ohio Bell Telephone Company  
820 West Superior Avenue  
Cleveland, Ohio 44113  
216-822-4669

### PRECAUTIONS AGAINST UTILITY DAMAGE

Before any work is started that will interfere with the existing utilities the Contractor shall call the "Utilities Protection Service" phone number 800-362-2764 forty-eight hours in advance of the work or the respective utility at the phone number listed above. The Contractor shall take all necessary precautions, at no additional expense to the State of Ohio and the City of Wickliffe to avoid damage to existing underground and overhead utility lines during the entire project. In the event of damage to existing public and/or private utilities, the agency concerned shall be notified immediately and all repair work shall be executed in accordance with the specifications of the respective agency at no additional expense to the City or State including any inspection fees or maintenance crews.

CALC. BY A.L.C. DATE 7/80	LAK-20-2.18 EUCLID AVE., RUSH RD. AND E. 305th STREET	OHIO FHWA REGION 5 FEDERAL PROJECT	4 8
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## NOTES

### UNDERGROUND UTILITIES

The locations of the underground utilities shown on the plans have been obtained by diligent field checks and searches of available records. It is believed that they are essentially correct, but the State of Ohio does not guarantee their accuracy or completeness.



### BENCH MARKS

- Top of Hydrant on North side of Euclid Ave. First hydrant west of E. 305th St. ELEV. 689.335
- Top of Hydrant on South side of Euclid Ave. First hydrant east of E. 305th St. ELEV. 684.950

### CENTERLINE CONTROL

