

GENERAL NOTES

CALC. BY DATE	LAK-6/84/91-0.11/	OHIO
CHKD. BY DATE	0:43/1.22	FHWA 5
		REGION
		FEDERAL
		PROJECT

2
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LAKE COUNTY

SCOPE

THESE NOTES ARE SPECIFICATIONS TO SUPPLEMENT THE STATE OF OHIO CONSTRUCTION AND MATERIAL SPECIFICATIONS DATED JANUARY 1, 1987, AND THE SUPPLEMENTAL SPECIFICATIONS NOTED ON THE TITLE SHEET. THE WORK TO BE PERFORMED BY THE CONTRACTOR IN CONNECTION WITH THE TRAFFIC CONTROL DEVICES OF THIS PROJECT CONSISTS OF FURNISHING LABOR, SUPPLIES, EQUIPMENT, MATERIALS, AND PERFORMING ALL OPERATIONS NECESSARY FOR THE ACCEPTABLE INSTALLATION OF THE TRAFFIC CONTROL DEVICES, IN STRICT ACCORDANCE WITH THESE PLANS, NOTES, AND SPECIFICATIONS. THESE NOTES, SCHEDULES, AND DRAWINGS ARE INTENDED TO PROVIDE FOR ALL MATERIAL AND LABOR REQUIRED TO FURNISH AND INSTALL A COMPLETE TRAFFIC CONTROL SYSTEM.

UNDERGROUND UTILITIES

THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS OF THE UTILITY AS REQUIRED BY SECTION 153.64 ORC.

UTILITY OWNERSHIP

THE FOLLOWING UTILITIES AND OWNERS ARE LOCATED WITHIN THE WORK LIMITS OF THIS PROJECT:

LAKE COUNTY SANITARY ENGINEER 105 MAIN STREET PAINESVILLE, OHIO 44077 (216) 357-2645	CLEVELAND ELECTRIC ILLUMINATING CO. THE ILLUMINATING BUILDING CLEVELAND, OHIO 44113 (216) 622-9800
LAKE COUNTY ENGINEER 550 BLACKBROOK ROAD PAINESVILLE, OHIO 44077 (216) 357-2770	OHIO WATER SERVICE COMPANY 8644 STATION STREET MENTOR, OHIO 44060 (216) 255-3421
THE EAST OHIO GAS COMPANY 1201 EAST 55TH STREET CLEVELAND, OHIO 44103 (216) 432-3232	CITY ENGINEER COLPEITZER-THOMAS 5000 E. 345TH STREET WILLOUGHBY, OHIO 44094 (216) 951-9000
OHIO BELL TELEPHONE COMPANY 100 ERIEVIEW PLAZA CLEVELAND, OHIO 44114 (216) 572-4000	CONTINENTAL CABLEVISION 35005 CHARDON ROAD WILLOUGHBY HILLS, OHIO 44094 (216) 942-5407

614 MAINTAINING TRAFFIC

THE CONTRACTOR SHALL MAINTAIN TRAFFIC ON THE PROJECT AS DESCRIBED BELOW AND IN ACCORDANCE WITH THE SPECIFICATIONS OF ITEM 614 MAINTAINING TRAFFIC.

THE SAFETY OF PEDESTRIAN TRAFFIC SHALL BE CONSIDERED AT ALL TIMES IN THE PROVISION OF TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS AND NOTES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE LIGHTS, SIGNS, BARRICADES AND OTHER WARNINGS TO PHYSICALLY SEPARATE THE PEDESTRIAN FROM HAZARDS INCIDENTAL TO THE INSTALLATION OF THE REQUIRED TRAFFIC CONTROL DEVICES SUCH AS ANCHOR BOLTS, OPEN EXCAVATIONS, ETC.

THE CONTRACTOR SHALL FURNISH, MAINTAIN AND REMOVE ALL SIGNS, FLAGS, FLAGMEN, WATCHMEN, BARRICADES, SIGN SUPPORTS, CONES AND INCIDENTALS IN CONFORMANCE WITH THE MOST RECENT REVISION OF THE CURRENT EDITION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. INTERFERENCE WITH VEHICULAR TRAFFIC SHALL BE KEPT TO A MINIMUM AT ALL TIMES. DEVICES USED TO MAINTAIN TRAFFIC SHALL BE ERECTED IMMEDIATELY PRIOR TO THE BEGINNING OF WORK AND SHALL BE REMOVED IMMEDIATELY AFTER THE TERMINATION OF WORK.

SIGNAL SHUTDOWN AND/OR LANE BLOCKAGE SHALL NOT OCCUR DURING THE HOURS OF 7:00 AM TO 8:30 AM AND 4:00 PM TO 6:00 PM EXCEPT WITH THE PERMISSION OF THE ENGINEER. IF IT IS NECESSARY TO STOP ALL TRAFFIC FOR THE ERECTION OF SIGNAL SUPPORTS, THE WORK SHALL BE ARRANGED, THAT STOPPAGE IS LESS THAN TEN (10) MINUTES IN ANY ONE (1) THIRTY (30) MINUTE PERIOD. NO STOPPAGE OF TRAFFIC SHALL OCCUR FOR THE ERECTION OF OVERHEAD SUPPORTS WITHOUT A CITY OF WILLOUGHBY HILLS POLICE OFFICER BEING AT THE SITE FOR ASSISTANCE IN CONTROLLING TRAFFIC AND INFORMING MOTORISTS AS TO THE NATURE OF THE DELAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE SERVICES, PAYMENT AND SCHEDULING OF THE CITY OF WILLOUGHBY HILLS POLICE OFFICER TO DIRECT TRAFFIC DURING THE PERIOD OF SIGNAL SHUT DOWN.

THE CONTRACTOR SHALL HAVE THE OPTION OF TURNING OFF THE TRAFFIC SIGNAL FOR A PERIOD NOT TO EXCEED SIX HOURS WHEN SWITCHING FROM THE EXISTING SIGNAL INSTALLATION TO THE NEW SIGNAL INSTALLATION. THE APPROVED TIME PERIOD OF THE SIGNAL SHUTDOWN SHALL BE AS DIRECTED BY THE ENGINEER. DURING THE PERIOD OF SIGNAL SHUTDOWN THE CONTRACTOR SHALL SUPPLY AND MAINTAIN TEMPORARY STOP SIGNS ON ALL MINOR APPROACHES TO THE INTERSECTION. THE ENGINEER SHALL APPROVE THE DESIGN AND PLACEMENT OF ALL TEMPORARY STOP SIGNS. THE CONTRACTOR SHALL IMMEDIATELY COVER OR REMOVE THE EXISTING SIGNAL HEAD WHEN THE NEW SIGNAL INSTALLATION IS TURNED ON. SHOULD THE CONTRACTOR ELECT TO COVER THE EXISTING HEAD, THE COVERING SHALL CONFORM TO ITEM 632.24. PAYMENT FOR COVERING THE EXISTING SIGNAL HEADS DURING THE SIGNAL SWITCH OVER SHALL BE INCIDENTAL TO ITEM 614 MAINTAINING TRAFFIC.

MAINTENANCE OF NEW TRAFFIC SIGNAL

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF EACH TRAFFIC SIGNAL HE HAS IN PART OR FULLY CONSTRUCTED UNTIL SUCH TIME AS THE TESTING REQUIREMENTS ARE SATISFIED, AND THE SIGNAL INSTALLATION IS COMPLETE AND ACCEPTED BY THE ENGINEER.

THE CONTRACTOR SHALL CORRECT AS QUICKLY AS POSSIBLE ALL OUTAGES OR MALFUNCTIONS. HE SHALL PROVIDE THE CITY AND THE ENGINEER SUCH ADDRESSES AND PHONE NUMBERS WHERE HIS MAINTENANCE FORCES ARE LOCATED. THE CONTRACTOR SHALL PROVIDE ONE OR MORE PERSONS TO RECEIVE ALL CALLS AND DISPATCH THE NECESSARY MAINTENANCE FORCES TO CORRECT OUTAGES. SUCH A PERSON OR PERSONS MAY BE USED TO PERFORM OTHER DUTIES AS LONG AS PROMPT ATTENTION IS GIVEN TO TROUBLE CALLS. ALL LAMP OUTAGES, CABLE OUTAGES, ELECTRICAL FAULTS, EQUIPMENT MALFUNCTIONS, AND MISALIGNED SIGNAL HEADS SHALL BE CORRECTED TO THE SATISFACTION OF THE ENGINEER WITH THE SIGNAL BACK IN SERVICE WITHIN FOUR HOURS AFTER THE CONTRACTOR IS NOTIFIED OF THE OUTAGE.

IN THE EVENT NEW SIGNALS ARE DAMAGED PRIOR TO ACCEPTANCE, ALL DAMAGED EQUIPMENT, SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. THE SIGNAL SHALL BE BACK IN SERVICE WITHIN EIGHT HOURS AFTER THE CONTRACTOR'S NOTIFICATION OF THE OUTAGE.

WHERE THE CONTRACTOR HAS FAILED TO OR CANNOT RESPOND TO AN OUTAGE OF SIGNAL EQUIPMENT AT LOCATIONS WITHIN HIS RESPONSIBILITY, WITHIN PERIODS AS SPECIFIED ABOVE. THE ENGINEER MAY INVOKE THE PROVISIONS OF ITEM 105.15 AND ANY SUBSEQUENT BILLINGS TO THE STATE FROM THE CITY OF WILLOUGHBY HILLS FOR POLICE SERVICES AND MAINTENANCE BY CITY FORCES SHALL BE DEDUCTED FROM MONIES DUE OR TO BECOME DUE THE CONTRACTOR IN ACCORDANCE WITH PROVISIONS OF ITEM 105.15.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE TRAFFIC SIGNAL COMPONENTS REQUIRED TO BE HANDLED DURING THE CONSTRUCTION OF AND/OR REVISIONS TO THE SIGNAL SYSTEMS.

THIS ITEM SHALL BE CONSIDERED A SUBSIDIARY WORK ITEM AND THE COST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS ITEMS MAKING UP THE SIGNAL SYSTEM.

632 REMOVAL OF TRAFFIC SIGNAL INSTALLATION

THIS WORK SHALL CONSIST OF THE REMOVAL OF TRAFFIC SIGNAL HEADS, CONTROLLER WITH CABINET, MESSENGER WIRE, CONDUIT RISERS, AND ALL OTHER PORTIONS OF THE EXISTING TRAFFIC SIGNAL INSTALLATION AS LISTED ON SHEET 16.

WITH THE EXCEPTION OF ITEMS WHOSE REMOVAL IS NECESSARY TO PERMIT THE INSTALLATION OF THE NEW SIGNAL EQUIPMENT, NO ITEM SHALL BE REMOVED UNTIL THE NEW INSTALLATION IS IN FULL OPERATION, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE CLEVELAND ELECTRIC ILLUMINATING COMPANY TO DISCONNECT THE EXISTING POWER SERVICE BEFORE THE EXISTING SIGNAL INSTALLATIONS ARE REMOVED.

SOME OF THE REMOVED ITEMS SHALL BECOME THE PROPERTY OF THE CONTRACTOR WHO SHALL PROPERLY DISPOSE OF THEM. OTHER REMOVED ITEMS SHALL BE TRANSPORTED BY THE CONTRACTOR TO AND STORED AT THE CITY GARAGE AT 35455 CHARDON ROAD AND SHALL REMAIN THE PROPERTY OF THE CITY OF WILLOUGHBY HILLS. THE ITEMS TO BE REMOVED AND THE DISPOSAL INSTRUCTIONS ARE SHOWN ON SHEET 16.

TRAFF-PRO CONSULTANTS INC.
WILLOUGHBY, OHIO

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

DESIGNED	DRAWN	TRACED	CHECKED	REVIEW	DATE	REVISED