

# GENERAL NOTES

CALC. BY DATE	GENERAL NOTES	OHIO
CHKD. BY DATE		FHWA REGION 5
		FEDERAL PROJECT

2  
25

LAKE COUNTY  
LAK-283/640-0.23/0.00

## SCOPE

THESE NOTES ARE SPECIFICATIONS TO SUPPLEMENT THE STATE OF OHIO CONSTRUCTION AND MATERIAL SPECIFICATIONS DATED JANUARY 1, 1985, AND THE SUPPLEMENTAL SPECIFICATION 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	VIACOM CABLEVISION 7 SEVERANCE CIRCLE CLEVELAND, OHIO 44118 (216) 291-4006
---	---

OHIO BELL TELEPHONE COMPANY  
100 ERIEVIEW PLAZA  
CLEVELAND, OHIO 44114  
(216) 572-4000

## 608 4" CONCRETE WALK

A QUANTITY OF 4" CONCRETE WALK IS INCLUDED FOR USE AS DIRECTED BY THE ENGINEER. THIS IS TO PROVIDE PLATFORMS ADJACENT TO BASE MOUNTED CABINETS IN UNPAVED AREAS, FROM WHICH SIGNAL MAINTENANCE PERSONNEL CAN CONVENIENTLY REACH THE SIGNAL EQUIPMENT FOR SERVICE.

## 619 FIELD OFFICE

THE CONTRACTOR SHALL PROVIDE A SUITABLE FIELD OFFICE HAVING A MINIMUM OF 300 SQ. FT. OF FLOOR SPACE WHICH SHALL BE IN ACCORDANCE WITH 619.02. PAYMENT SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 619, FIELD OFFICE.

## 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 WEEKDAYS 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 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 AND SCHEDULING OF THE QUALIFIED 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 SIGNAL DURING CONSTRUCTION

CITY OF WILLOWICK SHALL PROVIDE ROUTINE MAINTENANCE FOR THE EXISTING SIGNAL INSTALLATION DURING THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ANY ALTERATIONS TO THE EXISTING SIGNAL INSTALLATION THAT MAY BE NECESSARY IN ORDER TO ERECT THE NEW SIGNAL INSTALLATIONS.

## 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 3.

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 STORED AT THE CITY GARAGE AT 31230 VINE STREET AND SHALL REMAIN THE PROPERTY OF THE CITY OF WILLOWICK. THE ITEMS TO BE REMOVED AND THE DISPOSAL INSTRUCTIONS ARE SHOWN ON SHEET 3.

## 632 POWER SUPPLY FOR TRAFFIC SIGNALS

ELECTRIC POWER SHALL BE OBTAINED FROM THE CLEVELAND ELECTRIC ILLUMINATING COMPANY AT THE LOCATION INDICATED ON THE PLANS. POWER SUPPLIED SHALL BE 115 VOLTS.

TRAFF-PRO CONSULTANTS INC.  
WILLOUGHBY, OHIO

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

DESIGNED	DRAWN	TRACED	CHECKED	REVIEW	DATE	REVISED