

**GENERAL**

**PROJECT SCOPE**

THE WORK WITHIN THE LIMITS OF THIS IMPROVEMENT INCLUDES THE RECONSTRUCTION OF ROCKEFELLER ROAD, INCLUDING STRUCTURE LAK-90-1.71 OVER INTERSTATE 90 IN THE CITIES OF WILLOUGHBY HILLS AND WICKLIFFE, LAKE COUNTY. ITEMS WILL INCLUDE RAISING THE EXISTING STEEL BEAMS AND CROSS FRAMES. ROADWAY IMPROVEMENTS WILL INCLUDE PAVEMENT, DRAINAGE, GUARDRAIL REPLACEMENT, INSTALLATION, ADJUSTMENT OR RECONSTRUCTION TO GRADE, AS REQUIRED, WITHIN THE SUBJECT WORK LIMITS, TRAFFIC CONTROL ITEMS AND OTHER RELATED ITEMS AS SHOWN ON THE PLANS, STIPULATED IN THE NOTES, OR AS DIRECTED BY THE ENGINEER.

**ROUNDING**

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLY TO ALL CROSS-SECTIONS EVEN THOUGH OTHERWISE SHOWN.

**UTILITIES**

LISTED BELOW ARE THE UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS.

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| ELECTRIC | THE ILLUMINATING COMPANY<br>6896 MILLER ROAD<br>BRECKSVILLE, OHIO 44141<br>ATTN: FRANK DIBBS<br>PHONE: (440)-546-8748<br>FAX: (440)-546-8775                      |
| GAS      | THE EAST OHIO GAS COMPANY<br>1201 EAST 55TH STREET<br>CLEVELAND, OHIO 44103<br>ATTN: SAM MERCURIO<br>PHONE: (216)-736-6755<br>FAX: (216)-736-6780                 |
| WATER    | LAKE CO. DEPT. OF UTILITIES LAKE CO. WATER<br>ADMINISTRATION BUILDING<br>105 MAIN STREET<br>PAINSVILLE, OHIO 44077<br>ATTN: ALBERT SAARI<br>PHONE: (440)-350-2649 |

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

**CONTINGENCY QUANTITIES**

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

**ELEVATION DATUM**

ALL ELEVATIONS ARE BASED ON U.S.G.S. DATUM, NGVD 1927.

**WORK LIMITS**

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE INSTALLATION AND OPERATION OF ALL TEMPORARY TRAFFIC CONTROL AND TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS SHALL BE PROVIDED BY THE CONTRACTOR WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

**CONVERSION OF STANDARD CONSTRUCTION DRAWINGS**

THE METRIC STANDARD DRAWINGS REFERENCED IN THIS PLAN SHALL BE CONVERTED TO ENGLISH UNITS USING THE SI (METRIC) TO ENGLISH CONVERSION FACTORS PROVIDED IN SECTION 109.011 OF THE 1997 CONSTRUCTION AND MATERIALS SPECIFICATIONS. THE APPENDIX OF ASTM E 380 SHALL BE UTILIZED FOR ANY ADDITIONAL CONVERSION FACTORS REQUIRED. CONVERSIONS SHALL BE APPROXIMATELY PRECISE AND SHALL REFLECT STANDARD INDUSTRY ENGLISH VALUES WHERE SUITABLE.

**ROADWAY**

**CLEARING AND GRUBBING**

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

THIS ITEM SHALL INCLUDE CLEARING AND GRUBBING OF THE FOLLOWING AREAS:  
1. A STRIP OF LAND BOUNDED BY THE WEST SIDE OF THE BRIDGE, THE WEST RIGHT OF WAY OF ROCKEFELLER ROAD, STATION 14+00 AND THE NORTH EDGE OF PAVEMENT OF EASTBOUND I-90.

2. AN 11 FT. STRIP OF LAND EAST OF THE BRIDGE, EXTENDING FROM STATION 14+30 TO THE NORTH EDGE OF PAVEMENT OF EASTBOUND I-90.

**CONNECTION BETWEEN EXISTING AND PROPOSED GUARDRAIL**

WHEN IT IS NECESSARY TO SPLICE PROPOSED GUARDRAIL TO EXISTING GUARDRAIL, ONLY THE EXISTING GUARDRAIL SHALL BE CUT, DRILLED, OR PUNCHED. THE CONNECTION SHALL BE MADE USING A "W-BEAM RAIL SPLICE" AS SHOWN IN AASHTO M 180. PAYMENT SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE RESPECTIVE GUARDRAIL ITEMS.

**EARTHWORK**

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO SHEET NO. 9 FOR USE AS DIRECTED BY THE ENGINEER:  
203, EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION 37 C.Y.  
203, EMBANKMENT 2 C.Y.

**ITEM 611 - REINFORCED CONCRETE APPROACH SLAB (T=15")  
AS PER PLAN**

THIS WORK SHALL CONSIST OF CONSTRUCTING A MODIFIED APPROACH SLAB IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF ITEM 611, STANDARD DRAWING AS-1-81 AND THE DETAIL SHOWN ON SHEET NO. 16 INCLUDING THE 8" CONCRETE WALK AND 2'-3" CONCRETE PARAPETS. CONCRETE FOR THIS ITEM SHALL BE SS844, HIGH PERFORMANCE CONCRETE, MIX 4, AS PER PLAN. SEE A.P.P. NOTE ON SHEET 19 (BRIDGE SHEET 3/13).