

REFERENCE SHALL BE MADE TO SUPPLEMENTAL SPECIFICATION:

838 DATED 05/06/97

EXISTING STRUCTURE VERIFICATION:

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO C.M.S. SECTIONS 102.05 AND 105.02. THE ORIGINAL CONSTRUCTION PLANS OF THE EXISTING BRIDGE ARE AVAILABLE UPON REQUEST AT THE DISTRICT 12 OFFICE OF THE OHIO DEPARTMENT OF TRANSPORTATION, GARFIELD HEIGHTS, OHIO.

CONTRACT BID PRICES SHALL BE BASED UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PRE-BID EXAMINATION OF THE EXISTING STRUCTURE BY THE CONTRACTOR. HOWEVER, ALL PROJECT WORK SHALL BE BASED ON ACTUAL DETAILS AND DIMENSIONS WHICH HAVE BEEN VERIFIED BY THE CONTRACTOR IN THE FIELD.

DESIGN SPECIFICATIONS:

THIS STRUCTURE CONFORMS TO "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 1992, INCLUDING THE 1993, 1994, 1995, 1996, 1997 AND 1998 INTERIM SPECIFICATIONS, AND THE ODOT BRIDGE DESIGN MANUAL.

EXISTING FIELD CONDITIONS VERIFICATION:

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING CONDITIONS HAVE BEEN OBTAINED FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING CONDITIONS AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE.

CONTRACT BID PRICES SHALL BE BASED UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PRE-BID EXAMINATION OF THE EXISTING STRUCTURE BY THE CONTRACTOR. HOWEVER, ALL PROJECT WORK SHALL BE BASED ON ACTUAL DETAILS AND DIMENSIONS WHICH HAVE BEEN VERIFIED BY THE CONTRACTOR IN THE FIELD.

CONVERSION OF METRIC STANDARD DRAWINGS:

THE METRIC STANDARD DRAWINGS REFERENCED IN THIS PLAN SHALL BE CONVERTED TO ENGLISH UNITS USING THE SI (METRIC) 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 APPROPRIATELY PRECISE AND SHALL REFLECT STANDARD INDUSTRY ENGLISH VALUES WHERE SUITABLE.

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.

WORK LIMITS:

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

SEQUENCE OF OPERATIONS:

1. CLEAR THE SLOPE OF ALL TREES, STUMPS, VEGETATION, AND FOREIGN MATERIAL. (PAID FOR UNDER ITEM 201)
2. ELIMINATE ALL SHARP BREAKS, MOUNDS, AND GULLEYS IN THE SLOPE.
3. PLACE FILTER FABRIC OVER ENTIRE SLOPE.
4. INSTALL THE GABIONS AS DETAILED IN THE PLANS.
5. FILL DUMPED ROCK FILL AS DETAILED IN THE PLANS.
6. FINISH AREA WITH SEEDING AND MULCHING.

ITEM 203 - EMBANKMENT:

THE FOLLOWING ESTIMATED QUANTITY SHALL BE USED AS DIRECTED BY THE ENGINEER TO LEVEL AREAS NEEDED TO OBTAIN A SMOOTH SLOPE FOR PLACEMENT OF THE GABIONS AND TO FILL ANY ADDITIONAL GULLEYS.

ITEM 203 - EMBANKMENT 100 CUBIC YARD

ITEM 601 - SLOPE PROTECTION, MISC.: FABRIC FILTER:

THIS ITEM SHALL BE USED AS PER DETAILS IN THE PLAN.
THE FABRIC FILTER SHALL BE 712.09, TYPE B AS PER CMS ITEM 601.
PAYMENT FOR ALL OF THE ABOVE SHALL BE AT THE UNIT PRICE BID PER SQUARE YARD FOR ITEM 601 - SLOPE PROTECTION, MISC.: FABRIC FILTER WHICH SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK.

ITEM 659 - SEEDING AND MULCHING:

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL TEN (10) FEET OUTSIDE THE WORK LIMITS. THE FOLLOWING IS THE ESTIMATED QUANTITY FOR THIS AREA:

ITEM 659 - SEEDING AND MULCHING 2150 SQUARE YARD

ADDITIONAL QUANTITIES OF SEEDING AND MULCHING HAVE BEEN ADDED FOR AREAS ON THE ROADWAY APPROACH. THE RIGHT APPROACH AREA IS APPROXIMATELY 200 FT X 25 FT. THE INTENT OF THIS QUANTITY IS TO COVER THE AREAS DISTURBED BY THE CONTRACTOR'S EQUIPMENT IN ACCESSING THE WORK AREA.

ITEM 659 - SEEDING AND MULCHING 556 SQUARE YARD

THE TOTAL ESTIMATED QUANTITY IS:

ITEM 659 - SEEDING AND MULCHING 2706 SQUARE YARD

PERMANENT SEEDED AREAS:

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER TO PROMOTE GROWTH AND TO CARE FOR PERMANENT SEEDED AREAS AS PER 659.09:

ITEM 659 - COMMERCIAL FERTILIZER 0.25 TON
ITEM 659 - WATER 1 M GALLON

ITEM 838 - GABIONS WITH ADDITIONAL COATING, AS PER PLAN, ANCHORED:

THIS ITEM SHALL BE USED TO PLACE GABIONS AT STRUCTURE LAK-90-2342 AS DETAILED IN THE PLANS. THE GABIONS SHALL BE GALVANIZED AND PVC COATED DOUBLE TWIST WIRE MESH FITTED WITH DIAPHRAGMS AS PER SUPPLEMENTAL SPECIFICATION "GABIONS".

THE GABION BASKETS SHALL BE (LENGTH X WIDTH X HEIGHT) 12' X 6' X 9".

THE GABIONS SHALL BE FILLED WITH AN APPROVED AGGREGATE WITH A MINIMUM SIZE OF 5 INCHES AND A MAXIMUM SIZE OF 8 INCHES, WITH BOTH STONE MEASUREMENTS MADE IN THE GREATEST DIMENSION.

IN ADDITION TO THE SUPPLEMENTAL SPECIFICATION, THE GABIONS SHALL BE ANCHORED AS DETAILED IN THE PLANS. PAYMENT FOR THE ANCHORING SYSTEM INCLUDING ADDITIONAL ANCHORS REQUIRED ALONG THE PERIMETER SHALL BE INCLUDED IN ITEM 838.

ALL EXCAVATION SHALL BE INCIDENTAL TO THIS ITEM.

PAYMENT FOR ALL OF THE ABOVE SHALL BE AT THE UNIT PRICE BID PER CUBIC YARD FOR ITEM 838 - GABIONS WITH ADDITIONAL COATING, AS PER PLAN, ANCHORED WHICH SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK.

PLOT SUBMITTED: 24-FEB-1999 09:38

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DESIGN AGENCY
DISTRICT TWELVE
PRODUCTION DEPARTMENT

DATE
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REVIEWED
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STRUCTURE FILE NUMBER
DRAWN
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REVISOR
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GENERAL NOTES

LAK-90-23.42

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