

# GENERAL NOTES

## EXISTING TYPICAL SECTIONS:

EXISTING TYPICAL SECTIONS HAVE BEEN TAKEN FROM THE RECORDS AND ARE BELIEVED TO REPRESENT THE EXISTING PAVEMENT CONDITIONS, BUT THE STATE OF OHIO WILL NOT GUARANTEE THE ACCURACY OF THE SAME.

## PAVING UNDER GUARDRAIL

THIS OPERATION SHALL INCLUDE PREPARATION OF THE GRADED SHOULDER USING ITEM 203-LINEAR GRADING AND PAVING UNDER THE GUARDRAIL USING ITEM 448 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, PG64-22, UNDER GUARDRAIL.

PAVING UNDER GUARDRAIL SHALL CONSIST OF PLACING ITEM 448 TO THE DEPTH SPECIFIED USING ONE OF THE FOLLOWING METHODS:

- METHOD A:
- 1) SET GUARDRAIL POSTS
  - 2) PLACE ITEM 448
- METHOD B:
- 1) PLACE ITEM 448
  - 2) BORE ASPHALT AT POST LOCATIONS (MAY BE OMITTED IF STEEL POSTS ARE USED)
  - 3) SET GUARDRAIL POSTS
  - 4) PATCH AROUND POSTS. THE MATERIALS USED FOR PATCHING SHALL BE A BITUMINOUS CONCRETE APPROVED BY THE ENGINEER. PATCHING AREAS SHALL BE COMPACTED USING EITHER HAND OR MECHANICAL METHODS. FINISHED SURFACES SHALL BE SMOOTH AND SLOPED TO DRAIN AWAY FROM THE POSTS.

ALL EQUIPMENT, MATERIALS AND LABOR REQUIRED TO PERFORM THE WORK OUTLINED ABOVE, WITH THE EXCEPTION OF SETTING GUARDRAIL POSTS, SHALL BE INCLUDED FOR PAYMENT UNDER ITEM 448 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, PG64-22, UNDER GUARDRAIL. AND ITEM 203 - LINEAR GRADING.

## LOCATION OF GUARDRAIL

THE LOCATIONS OF GUARDRAIL RUNS, AS SHOWN IN THESE PLANS, ARE SUBJECT TO ADJUSTMENT PRIOR TO FINAL ACCEPTANCE. THE ENGINEER SHALL BE SATISFIED THAT ALL INSTALLATIONS WILL AFFORD MAXIMUM PROTECTION FOR TRAFFIC.

## ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR

THIS ITEM SHALL BE USED AS DIRECTED BY THE ENGINEER TO REPAIR THE PAVED SHOULDERS AND ROADWAY PAVEMENT. DEPTH OF REMOVAL SHALL TYPICALLY BE 3" UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

THE FOLLOWING CONTINGENCY QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR 500 SQ.YD.

## ITEM 201 - CLEARING AND GRUBBING

THE INTENT OF THIS ITEM OF WORK IS TO PROVIDE FOR THE REMOVAL OF BRUSH, TREES, ETC. IN ORDER TO FACILITATE PLACEMENT OF SHEET PILING. THE CONTRACTOR SHALL AVOID CLEARING AND GRUBBING OUTSIDE OF THE CONSTRUCTION LIMITS.

ALL EQUIPMENT, MATERIALS AND LABOR REQUIRED TO PERFORM THE WORK OUTLINED ABOVE SHALL BE INCLUDED FOR PAYMENT UNDER ITEM 201 - CLEARING AND GRUBBING.

## ITEM 617 - COMPACTED AGGREGATE, TYPE A, AS PER PLAN

THIS ITEM SHALL BE USED ALONG THE NEW SHOULDERS. MATERIAL SHALL BE LIMITED TO CRUSHED SLAG OR CRUSHED LIMESTONE.

THE ACTUAL DEPTH USED WILL VARY DEPENDING UPON EXISTING CONDITIONS. FOR ESTIMATING PURPOSES, AN AVERAGE DEPTH OF 3 INCHES WILL BE USED. WATER, IF NEEDED, SHALL BE APPLIED AS PER 617 AND INCLUDED UNDER ITEM 617 - COMPACTED AGGREGATE, TYPE A, AS PER PLAN.

## ITEM 203 - LINEAR GRADING

ALL EARTHWORK AS SHOWN ON THE TYPICAL SECTIONS AND CROSS SECTIONS SHALL BE INCLUDED UNDER LINEAR GRADING. NO SEPARATE PAYMENT SHALL BE MADE FOR EITHER EXCAVATION OR EMBANKMENT.

## ITEM 606 - ANCHOR ASSEMBLY, TYPE E-98

FOR NOTES AND DETAILS SEE SHEET NO. 13.

## CONVERSION OF METRIC STANDARD 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 APPROPRIATELY PRECISE AND SHALL REFLECT STANDARD INDUSTRY ENGLISH VALUES WHERE SUITABLE.

CALCULATED  
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GENERAL NOTES

LAKE COUNTY  
LAK-86-2.33

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