

GENERAL NOTES

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ROUNDING

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

UTILITIES

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

CLEVELAND ELECTRIC ILLUMINATING CO.
4141 ROCKSIDE ROAD
SEVEN HILLS, OHIO 44131
ATTN: FRANK G. DIBBS PHONE: (216) 520-9579

VILLAGE OF MADISON
WATER AND SEWER
126 WEST MAIN STREET
MADISON, OHIO 44057
ATTN: JOHN D. SAMPLE PHONE: (440) 428-7526

WESTERN RESERVE TELEPHONE (ALLTEL)
245 NORTH MAIN STREET
HUDSON, OHIO 44236
ATTN: DICK KREJIC PHONE: (330) 656-2929

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.

CONSTRUCTION NOISE

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, ANY POWER-OPERATED CONSTRUCTION-TYPE DEVICES SHALL NOT BE OPERATED AT ANY TIME IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

ELEVATION DATUM

ALL ELEVATIONS ARE PROJECT RELATIVE.

THE EXISTING ELEVATIONS SHOWN IN THE PLAN PROFILES AND CROSS SECTIONS WERE TAKEN PRIOR TO THE 1997 RESURFACING OF SR 528 (1-1/2+/- THICK). THE EXISTING ELEVATIONS SHOWN IN THE PLANS HAVE NOT BEEN UPDATED TO ACCOUNT FOR THIS RESURFACING. THE CONTRACTOR SHALL CONSTRUCT THE PROJECT ACCORDING TO THE PROPOSED ELEVATIONS AS SHOWN IN THE PLAN PROFILES AND CROSS SECTIONS.

THE BENCH MARKS AND HORIZONTAL CONTROL POINTS SHOWN IN THE PLANS (SHEET 18, 19 AND 31) WERE VERIFIED AND REESTABLISHED BY ODOT SURVEYORS IN AUGUST OF 1998. THE HORIZONTAL CONTROL POINTS AND BENCHMARKS HAVE BEEN REVISED IN THE PLANS TO REFLECT THIS 1998 SURVEY. THE ORIGINAL SURVEY INFORMATION HAS BEEN LINED OUT ----- WITH THE 1998 INFORMATION REPLACING IT. THE BENCH MARKS AND CONTROL POINTS ON THE EXISTING GUARDRAIL HAVE TO BE REESTABLISHED PRIOR TO REMOVING THE GUARDRAIL.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE INSTALLATION 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.

ROADWAY

CLEARING AND GRUBBING

ALTHOUGH THERE ARE NOT TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE WORK LIMITS, A LUMP SUM QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201 CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN SPECIFICATION 201 SHALL BE FOLLOWED AND ALL COSTS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201 CLEARING AND GRUBBING.

GUARDRAIL REPLACEMENT

NO HAZARD SHALL BE LEFT UNPROTECTED EXCEPT FOR THE ACTUAL TIME NECESSARY TO REMOVE, GRADE AND REINSTALL GUARDRAIL IN A CONTINUOUS OPERATION. THE REMOVAL OF ALL GUARDRAIL SHALL AT ALL TIMES BE AS DIRECTED BY THE ENGINEER. NO GUARDRAIL SHALL BE REMOVED UNTIL THE REPLACEMENT MATERIAL IS ON THE SITE, READY FOR INSTALLATION. FAILURE TO COMPLY WITH THE REQUIREMENT SHALL BE DEEMED SUFFICIENT CAUSE TO ORDER WORK SUSPENDED ON THIS PROJECT UNTIL SUCH TIME THAT THE ENGINEER IS ASSURED OF SAID COMPLIANCE.

CONNECTION BETWEEN EXISTING/TEMPORARY AND PROPOSED GUARDRAIL

WHEN IT IS NECESSARY TO SPLICE PROPOSED GUARDRAIL TO EXISTING/TEMPORARY GUARDRAIL, ONLY THE EXISTING/TEMPORARY GUARDRAIL SHALL BE CUT, DRILLED, OR PUNCHED. THE CONNECTION SHALL BE MADE USING A 'W-BEAM RAIL SPLICE' AS SHOWN ON STANDARD CONSTRUCTION DRAWING GR-LJM. PAYMENT SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE RESPECTIVE GUARDRAIL ITEMS.

ITEM 203, LINEAR GRADING

GRADED SHOULDERS AT LOCATIONS WHERE EXISTING GUARDRAIL IS REMOVED, OR WHERE NEW GUARDRAIL IS TO BE ERECTED, SHALL BE RESHAPED AS DIRECTED BY THE ENGINEER TO INSURE A SMOOTH DRAINABLE SURFACE FREE OF ALL IRREGULARITIES. EXCESS EXCAVATION RESULTING FROM RESHAPING SHOULDERS SHALL BE DISPOSED OF AS DIRECTED BY THE ENGINEER. PAYMENT FOR RESHAPING GRADED SHOULDERS AS DESCRIBED SHALL BE INCLUDED IN THE CONTRACT PRICE PER STATION FOR ITEM 203, LINEAR GRADING.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

203, LINEAR GRADING 12 STATIONS

ITEM 203, EMBANKMENT USING GRANULAR MATERIAL, AS PER PLAN

ALL FILL MATERIAL FOR CONSTRUCTION OF THE APPROACH EMBANKMENT AND FOR FILLING THE EXCAVATION VOID CREATED BY REMOVAL OF THE EXISTING REAR AND FORWARD ABUTMENTS, BACKWALLS AND WINGWALLS, SHALL BE 203 GRANULAR MATERIAL PLACED IN LIFTS NOT TO EXCEED A THICKNESS OF SIX (6) INCHES, AND SHALL BE COMPACTED IN ACCORDANCE WITH ITEM 304.05 USING MECHANICAL COMPACTORS.

BENCHING OF FOUNDATION SLOPES

ALTHOUGH CROSS-SECTIONS INDICATE SPECIFIC DIMENSIONS FOR PROPOSED BENCHING OF THE EMBANKMENT FOUNDATION IN CERTAIN AREAS, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. ALL OTHER SLOPED EMBANKMENT AREAS SHALL BE BENCHED AS SET FORTH IN 203.09. NO ADDITIONAL PAYMENT WILL BE MADE FOR BENCHING REQUIRED UNDER THE PROVISIONS OF 203.09.

GUARDRAIL REMOVED FOR REUSE AND REERECTED

GUARDRAIL ALONG I-90 UNDER SR 528 SHALL BE REMOVED AND STORED FOR REUSE AND SUBSEQUENTLY REERECTED AS NEEDED IN ORDER TO CONSTRUCT NEW PIERS AND CONCRETE SLOPE PROTECTION.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

202, GUARDRAIL REMOVED FOR REUSE 400 LIN. FT.
606, GUARDRAIL REBUILT, TYPE 5 400 LIN. FT.

PAVING UNDER GUARDRAIL

THE GUARDRAIL TO BE PAVED UNDER SHALL BE LIMITED TO THE NEW GUARDRAIL LOCATIONS AS SHOWN ON THE PLAN AND PROFILE SHEETS. THIS OPERATION SHALL INCLUDE PREPARATION OF THE GRADED SHOULDER USING 203, LINEAR GRADING, AND PAVING UNDER THE GUARDRAIL USING 448, ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, PG 64-22 (UNDER GUARDRAIL).

ITEM 203, LINEAR GRADING, SHALL CONSIST OF EXCAVATING TOPSOIL, PLACING GRANULAR MATERIAL AND APPLYING HERBICIDE AS SPECIFIED IN THE PLANS AND IN ACCORDANCE WITH THE FOLLOWING:

ALL COLLECTED DEBRIS AND TOPSOIL, INCLUDING RHIZOMES, ROOTS AND OTHER VEGETATIVE PLANT MATERIAL SHALL BE REMOVED AND DISPOSED OF AS SPECIFIED IN 203.05.

THE REMOVED MATERIAL SHALL BE REPLACED WITH COMPACTABLE GRANULAR MATERIAL CONFORMING TO 203.02 PLACED TO GRADE AS DETAILED ON THE TYPICAL SECTION OR AS APPROVED BY THE ENGINEER.

HERBICIDE SHALL BE TREFLAN E. C., SPIKE OR AN APPROVED EQUAL AND SHALL BE APPLIED TO THE PREPARED AREA AFTER FINAL LEVELING AND GRADING HAS BEEN COMPLETED. THE APPLICATION SHALL BE JUST PRIOR TO PAVING AND SHALL STRICTLY ADHERE TO THE MANUFACTURER'S INSTRUCTIONS.

ONLY PROPERLY LICENSED PERSONNEL SHALL APPLY HERBICIDES AS REQUIRED BY THE OHIO REVISED CODE.

ALL EQUIPMENT, MATERIALS AND LABOR REQUIRED TO PERFORM THE WORK OUTLINED ABOVE SHALL BE INCLUDED FOR PAYMENT UNDER ITEM 203, LINEAR GRADING.

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. PATCHED 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, PG 64-22 (UNDER GUARDRAIL).

JOINT SEALERS

ALL REFERENCES TO 705.01 OR 705.20, APPEARING ON STANDARD DRAWINGS OR ON THE PLANS, SHALL BE CONSIDERED TO READ 705.04.

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