

I:\PROJECTS\Pld13486\Addendum\Alternate bid\MOT gen notes AAZ\13486MIN005C.dgn 25-NOV-2008 9:50AM cwillist

**REMOVAL OF LOGO SIGNS**

LOGO SIGNS (WHICH INCLUDE ESTABLISHMENTS FOR GAS, FOOD, LODGING, CAMPING AND ATTRACTIONS) ARE THE PROPERTY OF OHIO LOGOS, INC. AND ARE NOT TO BE REMOVED OR REPLACED BY ODOT STAFF OR BY CONTRACTORS WORKING FOR ODOT. THE CONTRACTOR SHALL NOTIFY OHIO LOGOS (TOLL-FREE 1-800-860-LOGO) AT LEAST SIXTY DAYS PRIOR TO THE DATE OF DESIRED REMOVAL.

**ITEM 622, PORTABLE CONCRETE BARRIER, Y CONNECTOR**

FURNISH AND INSTALL A PORTABLE CONCRETE BARRIER SEGMENT DETAILED ON SHEET 190A WHERE ADJACENT RUNS COME TOGETHER TO MAKE A SINGLE RUN.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY TO COMPLETE THIS ITEM OF WORK.

ITEM 622, PORTABLE CONCRETE BARRIER, Y CONNECTOR 5 EACH

**MAINTENANCE OF TRAFFIC CONTROL ZONES**

THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE SIGNS, DRUMS AND TEMPORARY PAVEMENT MARKINGS AS SPECIFIED IN THE STANDARD DRAWINGS AND/OR THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. WHEN THE CONTRACTOR IS NOTIFIED OF DEFICIENCIES HE SHALL CORRECT THE DEFICIENCIES AS SOON AS POSSIBLE, PREFERABLY WITHIN 12 HOURS AND NO LATER THAN 24 HOURS. IF ANY NOTED DEFICIENCIES ARE NOT CORRECTED WITHIN THE 24 HOURS THE ENGINEER SHALL DEDUCT ONE DAY PAY FOR ITEM 614 MAINTAINING TRAFFIC, NOT AS A PENALTY BUT AS LIQUIDATED DAMAGES FOR EACH AND EVERY DAY THAT THESE PROVISIONS ARE NOT MET. ALL COSTS FOR MAINTAINING WORK ZONES AS DESCRIBED ABOVE SHALL BE INCLUDED UNDER ITEM 614 MAINTAINING TRAFFIC.

**CONTRACTOR'S EQUIPMENT-OPERATION AND STORAGE**

VEHICLES AND EQUIPMENT SHALL ALWAYS MOVE WITH, AND NOT ACROSS OR AGAINST THE FLOW OF TRAFFIC. VEHICLES AND OTHER EQUIPMENT SHALL NOT PARK OR STOP EXCEPT WITHIN THE DESIGNATED WORK AREAS; AND SHALL NOT ENTER AND LEAVE THE WORK AREAS IN A MANNER WHICH WILL BE HAZARDOUS TO, OR INTERFERE WITH THE NORMAL TRAFFIC FLOW. PERSONAL VEHICLES WILL NOT BE PERMITTED TO PARK WITH THE RIGHT-OF-WAY EXCEPT IN SPECIFIC AREAS DESIGNATED BY THE ENGINEER.

EQUIPMENT, VEHICLES AND MATERIALS SHALL NOT BE STORED OR PARKED WITHIN 30 FEET OF THE TRAVELED WAY UNLESS 6 FEET BEHIND PCB OR GUARDRAIL.

ALL WORK VEHICLES AND EQUIPMENT THAT ENTERS THE WORK ZONE MORE THAN ONCE A DAY MUST BE EQUIPPED WITH AT LEAST ONE FLASHING, ROTATING, OR OSCILLATING AMBER LIGHT THAT IS VISIBLE IN ALL DIRECTIONS OR TRAFFIC FOR AT LEAST ONE QUARTER OF A MILE, DAY OR NIGHT.

ANY VEHICLES FAILING TO MEET THIS REQUIREMENT ARE PROHIBITED FROM WORKING ON THE PROJECT. THE ENGINEER WILL SUSPEND ITEMS OF WORK INVOLVING VEHICLES WHICH FAIL TO MEET THIS REQUIREMENT.

**MAINTAINING TRAFFIC AND SEQUENCE OF OPERATIONS**

FOR SIDE STREETS:  
ALL ASPHALT CONCRETE OPERATIONS SHALL BE CONDUCTED IN A MANNER THAT WILL ASSURE MINIMUM DANGER AND INCONVENIENCE TO THE HIGHWAY USERS. ALL WORK SHALL BE PERFORMED AT THE TIMES PROVIDED IN THE "SCHEDULE OF THROUGH LANES TO BE MAINTAINED." THE PROCEDURE FOR THE REMOVAL OR PLACEMENT OF ANY EXISTING OR PROPOSED ASPHALT COURSE SHALL BE SUCH THAT NO GREATER THAN 1 1/2" DISCONTINUITY IN THE ELEVATION OF THE TRAVELED SURFACE SHALL BE EXPOSED TO TRAFFIC.

TRAFFIC SHALL NOT BE PERMITTED TO CROSS ANY PARTIAL-WIDTH REMOVAL OR RESURFACING JOINT EXCEPT AS NECESSARY DURING THE ACTUAL REMOVAL OR PAVING OPERATION. ANY PARTIAL-WIDTH LONGITUDINAL JOINTS WHICH MUST BE EXPOSED TO TRAFFIC SHALL BE RAMPED USING ITEM 614 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC AT A RATE NOT STEEPER THAN 6:1.

TEMPORARY TRANSVERSE REMOVAL OR PAVING JOINTS WHICH MUST BE EXPOSED TO TRAFFIC SHALL BE RAMPED USING ITEM 614 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC AT A RATE NOT TO EXCEED 1" IN 10 FT.

FOR REMOVALS OF EXISTING OVERLAYS, A TRANSITION MAY BE PLANED INTO THE EXISTING OVERLAY AND MAY BE SUBSTITUTED FOR THE ASPHALT RAMPS PREVIOUSLY DESCRIBED.

WHENEVER TRAFFIC IS SUBJECT TO PARTIAL WIDTH REMOVALS OR OVERLAYS PRIOR TO FULL WIDTH COMPLETION, THE CONTRACTOR SHALL PROVIDE W8-11-48 SIGNS (DUAL SIGN INSTALLATION). PLACEMENT SHALL BE AS DESCRIBED BY THE ENGINEER AND INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 MAINTAINING TRAFFIC.

WHENEVER ANY PART OF THE TRAVELED SURFACE IS CLOSED, THE MOTORISTS SHALL BE WARNED AND DIVERTED BY THE CONTRACTOR THROUGH THE USE OF A FLASHING ARROW, IN ADDITION TO THOSE PROVISIONS SET FORTH IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

**LONGITUDIAL BUTT JOINTS**

FOR SIDE STREETS:  
LONGITUDINAL BUTT JOINTS ARE REQUIRED ALONG AREAS WHERE TRAFFIC WILL CROSS FROM OLD TO NEW PAVEMENT. WHERE THE OLD PAVEMENT IS LOW, ITEM 614 - ASPHALT FOR MAINTAINING TRAFFIC SHALL BE PLACED. IF THE OLD PAVEMENT IS HIGHER, MILLING SHALL BE PERFORMED. THE TAPER RATE SHALL BE 1" PER 10' OR FLATTER. THE FOLLOWING ITEMS SHALL BE USED FOR THIS PURPOSE:

ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE 3,000 SQ. YD.  
ITEM 614 - ASPHALT FOR MAINTAINING TRAFFIC 50 CU. YD.

**NIGHT VESTS**

ALL OF THE CONTRACTORS AND SUB CONTRACTORS PERSONNEL WORKING DURING THE HOURS OF DARKNESS SHALL WEAR A 100% SILVER REFLECTIVE SAFETY VEST. THE SAFETY VEST SHALL BE PROVIDED BY THE CONTRACTOR. THE VEST MAY HAVE SEVERAL LIME OR ORANGE STRIPES ON IT. ANSI CLASS III VESTS WILL BE ACCEPTABLE FOR NIGHT WORK.

**BUTT JOINTS**

FOR SIDE STREETS:  
PRIOR TO PLACING THE SURFACE COURSE AT BRIDGES (IF IT IS NOT PLACED PRIOR TO OPENING TO TRAFFIC) AND AT THE RESURFACING LIMITS. THE DROPOFF OR MILLED AREA SHALL NOT BE LEFT OPEN TO TRAFFIC. BEFORE OPENING TO TRAFFIC A TEMPORARY ASPHALT CONCRETE WEDGE OR SUFFICIENT LENGTH SHALL BE CONSTRUCTED AT THE DROPOFF AT A RATE OF 1" PER 4' (RAMPS) OR 1" PER 10' (MAINLINE). ITEM 614 - ASPHALT CONCRETE FOR MAINTAINING TRAFFIC IS TO BE USED FOR THE WEDGE CONSTRUCTION. IT SHALL BE PLACED WHILE TRAFFIC IS PROHIBITED. BEFORE THE NEW PAVEMENT IS PLACED, THE WEDGE SHALL BE REMOVED AND THE COSTS SHALL BE CONSIDERED INCIDENTAL TO ITEM 614 - ASPHALT CONCRETE FOR MAINTAINING TRAFFIC.

AT LOCATIONS WHERE THE FINAL PAVING WILL NOT OCCUR FOR MORE THAN ONE WEEK, THE TRANSITION RATE SHALL BE 1" PER 35'.

THE FOLLOWING ITEM SHALL BE USE FOR THIS PURPOSE:

ITEM 614 - ASPHALT FOR MAINTAINING TRAFFIC 150 CU. YDS

"BUMP" (W8-11) AND "ADVISORY SPEED" (W13-1) SIGNS AND SUPPORTS SHALL BE ERECTED AND MAINTAINED AT THE BUTT JOINT UNTIL THE SURFACE COURSE IS COMPLETED. THE COSTS OF PROVIDING, ERECTING, MAINTAINING AND SUBSEQUENTLY REMOVING THESE SIGNS AND SUPPORTS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 - MAINTAINING TRAFFIC.

**DESIGNATED LOCAL DETOUR ROUTE**

IN ADDITION TO THE OFFICIAL, SIGNED DETOUR ROUTE, A LOCAL ROUTE HAS BEEN DETERMINED TO BE THE SECONDARY, UNSIGNED DETOUR ROUTE OR "DESIGNATED LOCAL DETOUR ROUTE." THIS ROUTE IS SHOWN ON SHEET NOS. 175-187. DURING THE TIME THAT TRAFFIC IS DETOURED, THE CONTRACTOR SHALL MAINTAIN THIS ROUTE IN A CONDITION WHICH IS REASONABLY SMOOTH AND FREE FROM HOLES, RUTS, RIDGES, BUMPS, DUST AND STANDING WATER. ONCE THE DETOUR IS REMOVED AND TRAFFIC RETURNED TO ITS NORMAL PATTERN, THE DESIGNATED LOCAL DETOUR ROUTE SHALL BE RESTORED TO A CONDITION THAT IS EQUIVALENT TO THAT WHICH EXISTED PRIOR TO ITS USE FOR THIS PURPOSE. ALL SUCH WORK SHALL BE PERFORMED WHEN AND AS DETERMINED BY THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITIES ARE PROVIDED FOR USE AS DETERMINED BY THE ENGINEER TO MAINTAIN AND SUBSEQUENTLY RESTORE THE DESIGNATED LOCAL DETOUR ROUTE.

ITEM 301, ASPHALT CONCRETE BASE, PG 64-22 75 CU. YD.  
ITEM 304, AGGREGATE BASE 50 CU. YD.  
ITEM 448, ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG 64-22 25 CU. YD.  
ITEM 407, TACK COAT 200 GAL.  
ITEM 614, ASPHALT CONCRETE FOR MAINTAINING TRAFFIC 25 CU. YD.  
ITEM 616, WATER 5 M. GAL.  
ITEM 642, CENTER LINE 2 MILE

CALCULATED  
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MAINTENANCE OF TRAFFIC GENERAL NOTES  
(CONCRETE ALTERNATIVE)

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