

GENERAL NOTES

TRAFFIC CONTROL

NOTICE OF CLOSURE SIGNS

THESE SIGNS SHALL BE ERECTED BY THE CONTRACTOR AT LEAST ONE WEEK IN ADVANCE OF THE SCHEDULED ROAD CLOSURE. THE SIGNS SHALL BE ERECTED ON THE RIGHT HAND SIDE OF THE ROAD FACING TRAFFIC. THEY SHALL BE LOCATED IN THE FIELD SO AS TO NOT INTERFERE WITH ANY PERMANENT SIGNS AND SHOULD BE ERECTED AT THE POINT OF CLOSURE.

PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614 MAINTAINING TRAFFIC AND SHALL INCLUDE FURNISHING, ERECTING, MAINTAINING AND REMOVING THE SIGNS INCLUDING SUPPORTS.

PAVEMENT MARKINGS

ALL PAVEMENT MARKINGS SHALL BE APPLIED IN ACCORDANCE WITH ITEM 642 OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS. THE FOLLOWING QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE ABOVE MENTIONED WORK.

642 EDGE LINE, TYPE 2 (WHITE)	0.38 MILE
642 CENTER LINE, TYPE 2 (YELLOW)	0.19 MILE

THE CENTER LINE AND EDGE LINE SHALL BEGIN AT STATION 17+00 AND END AT STATION 26+86.

TEMPORARY PAVEMENT MARKINGS

THE ROAD SHALL NOT BE OPENED UNTIL EITHER THE PERMANENT OR THE TEMPORARY PAVEMENT MARKINGS ARE IN PLACE. THE FOLLOWING TEMPORARY PAVEMENT MARKINGS SHALL BE PROVIDED AS DIRECTED BY THE ENGINEER:

614 TEMPORARY CENTER LINE, CLASS I	0.19 MILE
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THIS QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY.

DRIVEWAY ACCESS

THE CONTRACTOR SHALL MAINTAIN SAFE AND SATISFACTORY ACCESS TO EXISTING DRIVEWAYS WITHIN THE WORK LIMITS AT ALL TIMES DURING CONSTRUCTION BY USING EXISTING PAVEMENT, PROPOSED PAVEMENT OR TEMPORARY ROADWAY. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY SAFEGUARDS SUCH AS BARRICADES, BARRIERS AND OTHER SUCH TRAFFIC CONTROL DEVICES SO AS TO AVOID DAMAGE AND/OR INJURY TO VEHICLES AND PERSONS USING THE ROADWAY DURING CONSTRUCTION FOR DRIVEWAY ACCESS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER FOR MAINTAINING DRIVEWAY ACCESS:

410 TRAFFIC COMPACTED SURFACE A OR B	100 CU.YDS.
616 CALCIUM CHLORIDE	5 TONS
616 WATER	50 M-GAL.

SEPARATE PAYMENT SHALL BE MADE FOR ITEMS 410 AND 616 NOTED ABOVE. ALL OTHER WORK REQUIRED FOR TRAFFIC MAINTENANCE SHALL BE INCLUDED WITH PAYMENT FOR ITEM 614 MAINTAINING TRAFFIC.

BARRIER REFLECTORS

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING BARRIER REFLECTORS ON THE GUARDRAIL INSTALLATIONS. THE LOCATION, COLOR, SPACING AND TYPE SHALL BE IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATION 802.

PAYMENT FOR EACH BARRIER REFLECTOR INSTALLED SHALL BE AT THE CONTRACT PRICE FOR ITEM 802, EACH, BARRIER REFLECTOR, TYPE A.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN PROVIDED IN THE GENERAL SUMMARY FOR BARRIER REFLECTORS.

802 BARRIER REFLECTOR, TYPE A	14 EACH
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ITEM SPECIAL - MAILBOX SUPPORT

THIS WORK SHALL CONSIST OF FURNISHING AND ERECTING MAILBOX SUPPORTS AND ANY ASSOCIATED MOUNTING HARDWARE IN ACCORDANCE WITH PLAN DETAILS, AND ATTACHING AN OWNER-SUPPLIED MAILBOX AT LOCATIONS SPECIFIED IN THE PLAN, OR OTHERWISE ESTABLISHED BY THE ENGINEER.

WOOD POSTS SHALL BE NOMINAL 4" X 4" SQUARE OR 4-1/2" DIAMETER ROUND, AND CONFORM TO 710.14.

STEEL POSTS SHALL BE NOMINAL PIPE SIZE 2" I.D., AND CONFORM TO AASHTO M 181.

HARDWARE (PLATES, SCREWS, BOLTS, ETC.) SHALL BE COMMERCIAL-GRADE GALVANIZED STEEL.

POSTS SHALL BE SET PER THE FIRST PARAGRAPH OF 606.03, AND SHALL IN NO INSTANCE BE ENCASED IN CONCRETE.

SUPPORT HARDWARE SHALL ACCOMMODATE EITHER A SINGLE OR A DOUBLE MAILBOX INSTALLATION, AND NO MORE THAN TWO (2) BOXES MAY BE MOUNTED ON A SINGLE POST.

THE MAILBOX SHALL BE SECURELY AND NEATLY ATTACHED BY THE CONTRACTOR TO THE NEW SUPPORT. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ATTACHMENT HARDWARE (NUTS, BOLTS, PLATES, SPACERS, AND WASHERS) AS NECESSARY TO ACCOMMODATE THE COMPLETE INSTALLATION.

IN THE ABSENCE OF A NEW BOX SUPPLIED BY THE OWNER, THE CONTRACTOR SHALL SALVAGE THE EXISTING BOX AND PLACE IT ON THE NEW SUPPORT. DUE CARE SHALL BE EXERCISED IN SUCH AN OPERATION, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY BOX DAMAGED BY IMPROPER HANDLING ON HIS PART, AS JUDGED AND DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE LOCAL POST MASTER REGARDING THE TIMING OF THE MOVEMENT OF ANY MAILBOX TO A NEW LOCATION.

PAYMENT UNDER THIS ITEM SHALL BE LIMITED TO FINAL PERMANENT INSTALLATIONS. TEMPORARY INSTALLATIONS SHALL BE IN ACCORDANCE WITH 107.12. HOWEVER, THE SAME MATERIAL AND SIZE LIMITATIONS AS FOR PERMANENT INSTALLATIONS SHALL APPLY.

MAILBOX SUPPORTS, COMPLETE IN PLACE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH, FOR ITEM SPECIAL MAILBOX SUPPORT, SINGLE. 4 EACH.

MAINTAINING TRAFFIC

ITEM 614 MAINTAINING TRAFFIC

THE CONTRACTOR SHALL MAINTAIN TRAFFIC AT ALL TIMES IN ACCORDANCE WITH THE REQUIREMENTS OF SPEC. 614.

TWO WAY/ONE LANE TRAFFIC SHALL BE MAINTAINED AT ALL TIMES BY USE OF TEMPORARY SIGNALS, EXISTING PAVEMENT, COMPLETED PAVEMENT AND ITEM 615 TEMPORARY PAVEMENT. THE LIMITS AND DURATION OF USE OF TEMPORARY ROADWAYS SHALL BE HELD TO AN ABSOLUTE MINIMUM, AND IN ALL CASES, SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. FOR MAINTENANCE OF TRAFFIC PLAN SEE SHEETS 21 THRU 28.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER FOR MAINTAINING TRAFFIC:

404 - BITUMINOUS CONCRETE FOR MAINTAINING TRAFFIC	5 CU.YDS.
410 - TRAFFIC COMPACTED SURFACE TYPE A OR B	50 CU.YDS.
616 - CALCIUM CHLORIDE	1 TON
616 - WATER	10 M-GAL.

ITEM 622 PORTABLE CONCRETE BARRIER

IT IS ANTICIPATED THAT THE SAME BARRIERS WILL BE USED IN VARIOUS PHASES OF CONSTRUCTION. MOVEMENT OF THE CONCRETE BARRIER BETWEEN PHASES SHALL BE ACCOMPLISHED IN ONE WORKING DAY. FLAGGERS SHALL BE UTILIZED FOR PROTECTION VEHICULAR TRAFFIC UNTIL MOVEMENT OF THE BARRIER IS COMPLETE.

~~ALL COSTS INVOLVED IN REMOVING AND REINSTALLING THE CONCRETE BARRIER WILL BE~~

SEE SHEETS 23-24 FOR ADDITIONAL DETAILS.

ITEM 614 BARRIER REFLECTORS

REFLECTORS AND THEIR MOUNTING SHALL CONFORM TO SUPPLEMENTAL SPECIFICATION 802 EXCEPT THAT SPACING SHALL BE AT 25' CENTERS.

PAYMENT FOR EACH BARRIER REFLECTOR INSTALLED SHALL BE MADE AT THE CONTRACT PRICE FOR ITEM 614, EACH, BARRIER REFLECTOR, TYPE B2.

CHANNEL EMBANKMENTS

PORTIONS OF THE EXISTING CHANNEL SHALL BE FILLED AND SLOPED TO DRAIN AS SHOWN IN THIS PLANS. IN CHANNEL EMBANKMENT AREAS WHICH WILL NOT SUPPORT ANY PORTION OF THE NEW ROAD BED OR STRUCTURAL EMBANKMENTS, THE CONTRACTOR MAY UTILIZE EMBANKMENT METHODS MEETING FOLLOWING REQUIREMENTS:

AREAS WHERE CHANNEL EMBANKMENTS ARE TO BE PLACED SHALL BE CLEARED OF WEEDS AND BRUSH. THE REQUIREMENTS FOR MOISTURE, DENSITY CONTROL, BENCHING AND SUTABLE MATERIALS SHALL BE WAIVED. IN LIEU OF THE REQUIREMENTS OF ITEM 203, THE DEPTH OF LAYERS IN WHICH THE EMBANKMENTS ARE TO BE PLACED, AND THEIR COMPACTION, SHALL CONFORM WITH ACCEPTABLE CONSTRUCTION PRACTICES AS DETERMINED BY THE ENGINEER.

PAYMENT FOR ALL OF THE ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR ITEM 203, EMBANKMENT.

SEQUENCE

PHASE I

TWO-WAY ONE LANE TRAFFIC SHALL BE MAINTAINED ON THE EASTBOUND LANE OF S.R. 608 BY USE OF THE EXISTING ROADWAY AND TEMPORARY ROADWAY AND BY TEMPORARY TRAFFIC SIGNALS WHILE CONSTRUCTION IS BEING COMPLETED ON THE WESTBOUND LANE.

BEFORE STARTING ANY BRIDGE CONSTRUCTION WHICH REQUIRES CLOSING EXISTING PAVEMENT TO TRAFFIC, ALL PORTABLE CONCRETE BARRIERS, SIGNALS, SIGNS, LIGHTS, TEMPORARY PAVEMENT AND MARKINGS REQUIRED FOR PHASE I SHALL BE FURNISHED AND ERECTED BY THE CONTRACTOR. FLAGGERS SHALL BE UTILIZED FOR PROTECTION OF VEHICULAR TRAFFIC UNTIL ERECTION OF THE TEMPORARY CONCRETE BARRIERS, SIGNALS, LIGHTS, AND TEMPORARY PAVEMENT AND MARKINGS ARE COMPLETED.

WHEN THE ABOVE REQUIREMENTS HAVE BEEN SATISFIED, THE EASTBOUND LANE OF THE EXISTING BRIDGE SHALL BE OPENED FOR TRAFFIC AND CONSTRUCTION OF THE WESTBOUND PORTION OF THE BRIDGE AND APPROACH SLABS SHALL PROCEED IN ACCORDANCE WITH THE SEQUENCE SHOWN ON THIS SHEET AND SHEETS 21-28.

CONSTRUCT ALL BITUMINOUS TEMPORARY PAVEMENT REQUIRED FOR PHASE II AND COMPLETE PERMANENT EARTHWORK AND GUARDRAIL CONSTRUCTION ALONG THE WESTBOUND LANE, INCLUDING THE DRAINAGE WORK.

PHASE II

TWO-WAY ONE LANE TRAFFIC SHALL BE MAINTAINED IN THE WESTBOUND LANE OF S.R. 608 BY USE OF THE COMPLETED PAVEMENT AND TEMPORARY PAVEMENT AND BY TEMPORARY TRAFFIC SIGNALS WHILE CONSTRUCTION IS BEING COMPLETED ON THE EASTBOUND LANES.

RELOCATE THE PORTABLE CONCRETE BARRIERS, SIGNALS, SIGNS, LIGHTS AND TEMPORARY PAVEMENT MARKINGS AS REQUIRED FOR PHASE II.

MOVEMENT OF THE PORTABLE CONCRETE BARRIERS, SIGNALS, SIGNS, LIGHTS, AND TEMPORARY PAVEMENT MARKINGS BETWEEN PHASES SHALL BE ACCOMPLISHED IN ONE WORKING DAY. FLAGGERS SHALL BE UTILIZED FOR THE PROTECTION OF VEHICULAR TRAFFIC UNTIL RELOCATION OF THE TEMPORARY CONCRETE BARRIERS, SIGNALS, SIGNS, LIGHTS, AND TEMPORARY PAVEMENT MARKINGS ARE COMPLETE.

THE COMPLETED PORTION OF THE NEW BRIDGE, APPROACH SLABS AND TEMPORARY PAVEMENT SHALL BE OPENED TO TRAFFIC AND CONSTRUCTION OF THE REMAINING PORTION OF THE BRIDGE AND APPROACH SLABS SHALL PROCEED.

REMOVE ALL TEMPORARY PAVEMENT AND TEMPORARY ROADS, RECONSTRUCT GRADES AND COMPLETE ALL REMAINING CONSTRUCTION.