

# MAINTENANCE OF TRAFFIC NOTES

## FLASHING ARROW PANELS

THE FLASHING ARROW PANELS SHALL BE TYPE C UNLESS OTHERWISE NOTED ON THE MAINTENANCE OF TRAFFIC PLANS. ALL PANELS SHALL CONFORM TO STANDARD CONSTRUCTION DRAWING TC-35.10.

## DRUMS

DRUMS SHALL BE LOCATED ON THE MAINTENANCE OF TRAFFIC PLANS. ALL COST FOR INSTALLING, MAINTAINING AND SUBSEQUENT REMOVAL OF SAID DRUMS SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614-MAINTAINING TRAFFIC.

## WORK ZONE PAVEMENT MARKINGS

PAVEMENT MARKINGS SHALL BE OF THE TYPE AND LOCATION AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS, AND SHALL BE IN ACCORDANCE WITH STANDARD DRAWING MT-99.10, 11-14-86.

## REPLACEMENT SIGNS

FLAT SHEET SIGNS FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENT OF THE PLANS, SPECIFICATIONS AND PROPOSAL WHICH BECOME DAMAGED BY TRAFFIC FOR REASON BEYOND THE CONTROL OF THE CONTRACTOR SHALL BE REPLACED IN KIND WHEN ORDERED BY THE ENGINEER.

PAYMENT FOR THE NEW SIGNS SHALL BE MADE AT THE PRICE BID PER SQUARE FOOT FOR ITEM SPECIAL REPLACEMENT SIGNS AND SHALL INCLUDE THE COST OF REMOVING AND DISPOSING OF THE DAMAGED SIGNS, HARDWARE AND SUPPORTS, AND PROVIDING NECESSARY REPLACEMENT HARDWARE SUPPORTS, ETC. REPLACEMENT SIGNS SHALL BE NEW BUT OTHER MATERIALS MAY BE USED, SUBJECT TO APPROVAL BY THE ENGINEER.

AN ESTIMATED QUANTITY OF ITEM SPECIAL, REPLACEMENT SIGNS HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM SPECIAL-500 S.F.-REPLACEMENT SIGNS

## REPLACEMENT DRUMS

DRUMS FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENT OF PLANS, SPECIFICATION AND PROPOSAL WHICH BECOME DAMAGED BY TRAFFIC FOR REASONS BEYOND THE CONTROL OF THE CONTRACTOR SHALL BE REPLACED IN KIND WHEN ORDERED BY THE ENGINEER AND PAID FOR UNDER ITEM SPECIAL-REPLACEMENT DRUMS. PAYMENT FOR EACH DRUM SHALL INCLUDE (1) THE COST OF REMOVING AND DISPOSING THE DAMAGED DRUM AND (2) PROVIDING, MAINTAINING AND REMOVING NEW DRUMS IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS FOR THE ORIGINAL DRUM. (REPLACEMENT LIGHTS SHALL NOT BE PAID FOR SEPARATELY BUT CONSIDERED INCIDENTAL TO THIS ITEM OR ITEM 614-MAINTAINING TRAFFIC.) AN ESTIMATED QUANTITY OF ITEM SPECIAL-REPLACEMENT DRUMS HAS BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM SPECIAL-500 EA.- REPLACEMENT DRUMS

## LAW ENFORCEMENT OFFICER WITH PATROL CAR

THE CONTRACTOR SHALL PROVIDE AND PAY ALL COST FOR THE SERVICES OF LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR THE EXCLUSIVE PURPOSE OF CONTROLLING TRAFFIC WHENEVER A CHANGE IN THE TRAFFIC PATTERN TAKES PLACE. THE NUMBER OF OFFICERS AND CARS REQUIRED FOR THIS PURPOSE SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE OFFICERS SHALL MOVE THEIR PATROL CARS AS NECESSARY TO INSURE THEIR CONSTANT PRESENCE AT THE POINT(S) OF SLOWDOWN, STOPPAGE OR BACK-UP. PAYMENT FOR THE ABOVE WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM SPECIAL-LAW ENFORCEMENT OFFICER WITH PATROL CAR.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE ARRANGEMENTS REGARDING SCHEDULING AND PAYMENT OF LAW ENFORCEMENT OFFICER WITH PATROL CAR. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM SPECIAL-LAW ENFORCEMENT OFFICER WITH PATROL CAR....200 HRS.

## BITUMINOUS CONCRETE FOR MAINTENANCE OF TRAFFIC

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER FOR MAINTENANCE OF TRAFFIC.

ITEM 404 - 100 C.Y. - BITUMINOUS CONCRETE FOR MAINTENANCE OF TRAFFIC.

## TEMPORARY PRECAST CONCRETE BARRIER

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING, INSTALLING, MAINTAINING, AND SUBSEQUENTLY REMOVING TEMPORARY PRECAST CONCRETE BARRIER SECTIONS.

THE TEMPORARY PRECAST CONCRETE BARRIER SECTIONS (10 FEET LONG) NECESSARY TO PERFORM THIS ITEM OF WORK SHALL BE SUPPLIED BY THE CONTRACTOR AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LOADING, UNLOADING AND TRANSPORTATION OF THE BARRIER SECTIONS.

THE BARRIER SECTIONS TO BE LOCATED ON THE BRIDGE DECKS SHALL BE CONNECTED AS PER THE EXISTING BRIDGE MOUNTED BARRIER CONNECTING DETAILS OR BE MANUFACTURED AND CONNECTED AS PER THE PROPOSED BARRIER DETAILS. (SEE SHEET NO. 72 & 76)

THE BARRIER SECTIONS ON THE BRIDGE DECKS OF LAK-2-1.80(L&R) AND LAK-2-3.63(L&R) REQUIRE ATTACHMENT TO THE BRIDGE DECKS. ATTACHMENT TO THESE BRIDGE DECKS SHALL BE AS PER THE BARRIER ANCHORING DETAILS, SEE SHEET NO. 72 & 76 A MINIMUM OF 3 ANCHORS SHALL BE REQUIRED PER EACH 10' BARRIER SECTION.

PAYMENT FOR PRECAST BARRIER INSTALLED AS PER THE MAINTENANCE OF TRAFFIC PLANS OFF THE BRIDGE SHALL BE MADE AT THE CONTRACT PRICE FOR ITEM 622, LINEAR FOOT, TEMPORARY CONCRETE BARRIER.

PAYMENT FOR PRECAST BARRIER INSTALLED AS PER THE MAINTENANCE OF TRAFFIC PLANS ON THE BRIDGE SHALL BE MADE AT THE CONTRACT PRICE FOR ITEM 622, LINEAR FOOT, TEMPORARY CONCRETE BARRIER, BRIDGE MOUNTED.

## 614 BARRIER REFLECTORS

*These reflectors and there mounting shall conform to supplemental specification 802 except that spacing shall be as shown in the subsummary table.*

## REMOVAL OF PAVEMENT MARKINGS

THIS ITEM OF WORK SHALL CONSIST OF REMOVING EXISTING PAVEMENT MARKINGS AS INDICATED IN THE MAINTENANCE OF TRAFFIC PLANS, SUB-SUMMARY FOR REMOVAL OF PAVEMENT MARKINGS (SEE SHEET NO. 5). THE MARKINGS SHALL BE REMOVED ACCORDING TO SECTION 621.134 OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, CONSTRUCTION AND MATERIAL SPECIFICATIONS, 1987.

PAYMENT FOR THIS ITEM OF WORK SHALL BE AT THE CONTRACT PRICE FOR ITEM 621, LINEAR FOOT, REMOVAL OF PAVEMENT MARKINGS.

## RAISED PAVEMENT MARKERS REMOVED

WORK UNDER THIS ITEM SHALL CONSIST OF REMOVING EXISTING RAISED PAVEMENT MARKERS IN A MANNER WHICH WILL PREVENT DAMAGE TO THE CASTING. LOCATION OF RAISED PAVEMENT MARKERS TO BE REMOVED SHALL BE ACCORDANCE WITH THE SUB-SUMMARY FOR RAISED PAVEMENT MARKERS REMOVED (SEE SHEET NO. 5).

REMOVED MARKERS SHALL BE STORED ON THE PROJECT SITE FOR SALVAGE BY THE STATE.

PAYMENT FOR THIS ITEM OF WORK SHALL BE AT THE CONTRACT PRICE FOR ITEM 202, EACH, RAISED PAVEMENT MARKERS REMOVED FOR STORAGE.

## TEMPORARY RAISED PAVEMENT MARKINGS

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING, INSTALLING, MAINTAINING, AND SUBSEQUENTLY REMOVING TEMPORARY RAISED PAVEMENT MARKERS IN ACCORDANCE WITH THE LOCATIONS AND DETAILS FOR TEMPORARY RAISED PAVEMENT MARKERS (SEE SHEET NO. 10).

PAYMENT FOR EACH TEMPORARY RAISED PAVEMENT MARKER INSTALLED SHALL BE MADE AT THE CONTRACT PRICE FOR ITEM 614, EACH, TEMPORARY RAISED PAVEMENT MARKERS.

## BARRIER REFLECTORS

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING, INSTALLING, AND MAINTAINING BARRIER REFLECTORS ON TEMPORARY CONCRETE BARRIER SECTIONS USED IN WORK ZONES. THE LOCATION, COLOR, SPACING AND TYPE SHALL BE IN ACCORDANCE WITH THE DETAILS FOR BARRIER REFLECTORS, SHEET NO. 8).

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

## TEMPORARY PAVEMENT, CLASS A

THIS ITEM OF WORK SHALL CONSIST OF PROVIDING, MAINTAINING AND SUBSEQUENTLY REMOVING TEMPORARY CROSS-OVERS ON LOST NATION ROAD AS SHOWN ON SHEETS NO. 18 THRU NO. 22.

THE TEMPORARY ROADWAY SHALL BE CLASS A, FLEXIBLE PAVEMENT AND CONFORM TO THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, CONSTRUCTION AND MATERIALS SPECIFICATIONS, 1987.

WHEN THE TEMPORARY CROSS-OVERS ARE NO LONGER NEEDED, THEY SHALL BE REMOVED, NEW CURBS & CONCRETE MEDIAN SHALL BE INSTALLED AND THE AREAS DISTURBED RESTORED TO THEIR ORIGINAL CONDITION.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN PROVIDED IN THE GENERAL SUMMARY:

ITEM 615 - LUMP - TEMPORARY ROADS

ITEM 615 - 435 S.Y. - TEMPORARY PAVEMENT, CLASS A