

BR-43-88

MAINTENANCE OF TRAFFIC

ITEM 614 MAINTAINING TRAFFIC

THE CONTRACTOR SHALL CONDUCT HIS OPERATION AS TO MAKE THE PROPOSED BRIDGE REPAIRS WITH A MINIMUM OF HAZARD, DELAY AND INCONVENIENCE TO THE MOTORISTS USING THE HIGHWAY AFFECTED BY THE WORK BEING DONE UNDER THIS CONTRACT. TRAFFIC LANES OF 11 FEET MINIMUM EFFECTIVE WIDTH SHALL BE MAINTAINED AT ALL TIMES.

I EMERGENCY REPAIRS

THE EMERGENCY REPAIRS ARE TO THE BRIDGE STRUCTURE BELOW THE DECK. WORK TO BE PERFORMED SHALL BE DONE FROM BELOW AND NO EQUIPMENT OR WORKERS, OTHER THAN FLAGGERS, SHALL BE LOCATED ON THE BRIDGE DECK. TRAFFIC WILL BE DIVERTED FROM THE BRIDGE AREA UNDER WHICH THE GROUTING IS TAKING PLACE. TRAFFIC ON THE BRIDGE THROUGH THE WORK AREA SHALL BE CONTROLLED BY TWO (2) FLAGGERS. TOTAL USE OF THE BRIDGE SHALL BE RESTORED BY THE CONTRACTOR AT THE END OF EACH WORKING DAY.

II EMERGENCY REPAIRS : CONTINGENCY

IF CONDITION ARISE SUCH THAT THE BRIDGE CANNOT BE RETURNED TO FULL SERVICE AT THE END OF EACH WORK DAY, OR IF WORKERS, OTHER THAN FLAGGERS, ARE REQUIRED TO WORK ON THE DECK, THE "TRAFFIC PLAN" SHALL BE CHANGED TO PROVIDE ADDITIONAL PROTECTION, AS FOLLOWS:

- A) DRUMS WITH STEADY BURN FLASHERS SHALL BE USED IN LIEU OF CONES.
- B) A WORK VEHICLE AND/OR ATTENUATOR SHALL BE PLACED BETWEEN THE WORKERS ON THE DECK AND APPROACHING TRAFFIC. FLOOD LIGHTS SHALL BE SUPPLIED.
- C) 24 HOUR PROTECTION SHALL BE PROVIDED BY FLAGGERS.

III NOTIFICATION

SINCE FUNCTIONAL TRAFFIC IS A MAJOR CONCERN OF THIS PROJECT IT IS ESSENTIAL THAT THE MOTORING PUBLIC BE ADEQUATELY FOREWARNED OF FUTURE LANE CLOSURES AND TRAFFIC CONSTRICTIONS. THEREFORE THE CONTRACTOR SHALL SUBMIT A SCHEDULE TO THE OHIO DEPARTMENT OF TRANSPORTATION INDICATING THE DATE OF EACH LANE CLOSURE AT LEAST ONE DAY PRIOR TO THE IMPLEMENTATION OF SUCH CLOSURE.

IV MAINTAINING TRAFFIC SYSTEMS

A) MINIMUM PROVISIONS.
THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL DEVICES REQUIRED BY THE PLANS AND SPECIFICATIONS, AND "THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", HEREIN AFTER REFERRED TO AS THE "MANUAL". IT IS ESSENTIAL TO THE FUNCTION OF THIS MAINTENANCE OF TRAFFIC SYSTEM THAT ALL ADVANCE WARNING SIGNS BE COVERED OR REMOVED FROM THE VIEW OF TRAFFIC WHENEVER THE TRAFFIC SYSTEM IS NOT IN EFFECT.

B) FLAGGERS.
THE MAINTENANCE OF TRAFFIC PLANS REQUIRE THE CONCURRENT USE OF TWO (2) FLAGGERS. DAY AND NIGHT TELEPHONE NUMBERS OF THE CONTRACTOR'S ORGANIZATION MUST BE SUPPLIED TO THE LOCAL POLICE AGENCIES AND THE OHIO DEPARTMENT OF TRANSPORTATION .

C) ADVANCE WARNING SIGNS.
ALL ADVANCE WARNING SIGNS FOR ANY TRAFFIC RESTRICTION SHALL BE ERECTED BEFORE ANY SUCH RESTRICTIONS ARE PUT INTO EFFECT. ALL SIGNS SHALL BE COVERED OR REMOVED FROM THE VIEW OF TRAFFIC WHENEVER THEY ARE NOT APPLICABLE.

V MAINTENANCE OF TRAFFIC MATERIAL

A) SIGNS.
SIGN DIMENSIONS AND SPECIFICATIONS, INCLUDING LETTER SIZE, SHALL BE AS PROVIDED IN THE "MANUAL", OR IN SIGN DESIGN DRAWINGS PROVIDED BY THE DEPARTMENT OF TRANSPORTATION. THE SIGN SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER PRIOR TO THE START OF THE PROJECT.

B) SIGN SUPPORTS.
SIGN SUPPORTS SHALL BE OF SUFFICIENT SIZE AND HEIGHT AS TO SUPPORT THE SIGNS AT HEIGHT INDICATED IN THE "MANUAL" ON PLATE C-1. SUPPORT SHALL ALSO BE ADEQUATE IN MASS AND STABILITY TO PREVENT THE SIGNS FROM BEING BLOWN OVER BY THE WIND OR VEHICULAR GENERATED AIR TURBULANCE.

C) CONES.
STANDARD RUBBER OR PLASTIC CONES SHALL BE USED. CONES SHALL BE AT LEAST 36" HIGH AND SHALL BE PREDOMINATLY ORANGE IN COLOR. ALL CONES SHALL HAVE WEIGHTED BASES.

D) DRUMS.

DRUMS SHALL CONFORM TO THE PERTINENT SECTIONS OF THE "MANUAL". ALL COSTS FOR INSTALLATION, MAINTENANCE AND SUBSEQUENT REMOVAL OF SAID DRUM SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614-MAINTAINING TRAFFIC.

VI FLAGGER CLOSURES

A. FLAGGERS SHALL BE USED TO CONTROL TRAFFIC CONTINUOUSLY FOR AS LONG AS A ONE LANE OPERATION IS IN EFFECT. THE FLAGGERS SHALL COMMUNICATE WITH EACH OTHER AT ALL TIMES AS DESCRIBED IN THE "MANUAL" IN SECTION 7H: CONTROL OF TRAFFIC THROUGH WORK AREAS.

B) ADEQUATE AREA ILLUMINATION TO CLEARLY IDENTIFY THE FLAGGERS AND WORK AREA AT NIGHT SHALL BE PROVIDED AS DIRECTED BY THE ENGINEER BY USING 150 WATT MINIMUM HIGH PRESSURE SODIUM LUMINAIRES OR 250 WATT MINIMUM MERCURY LUMINAIRES. LUMINAIRES SHALL BE LOCATED ADJACENT TO EACH FLAGGER STATION FOR EACH DIRECTION OF TRAFFIC AS SHOWN ON THIS SHEET.

C) CONES, DRUMS, OR BARRICADES SHALL BE SPACED AT APPROXIMATELY 20' CENTER TO CENTER THROUGHOUT THE WORK AREA. CONES, DRUMS, OR BARRICADES ON THE ADVANCE AND RETURN TAPERS SHALL BE SPACED AT 10' CENTER TO CENTER.

D) THE TYPE A FLASHING BARRICADE WARNING LIGHTS SHOWN ON THE ADVANCE WARNING SIGNS ARE REQUIRED WHENEVER A NIGHT LANE CLOSURE IS IN PLACE.

E) TYPE C STEADY BURNING BARRICADE WARNING LIGHTS SHALL BE ERECTED ON ALL DRUMS OR BARRICADES FOR NIGHT LANE CLOSURES.

VII RESTRICTIONS

NO TRAFFIC LANE CLOSURES EXCEPT AS SHOWN ON MAINTENANCE OF TRAFFIC PLAN SHALL BE ALLOWED. THE CONTRACTOR SHALL NOT ROUTE OR DIRECT TRAFFIC SIMULTANEOUSLY ON BOTH SIDES OF A LANE CLOSURE. THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN AND REMOVE ALL SIGNS AND ROADWAY MARKINGS REQUIRED FOR MAINTENANCE OF TRAFFIC DURING CONSTRUCTION AS SHOWN ON THESE PLANS.

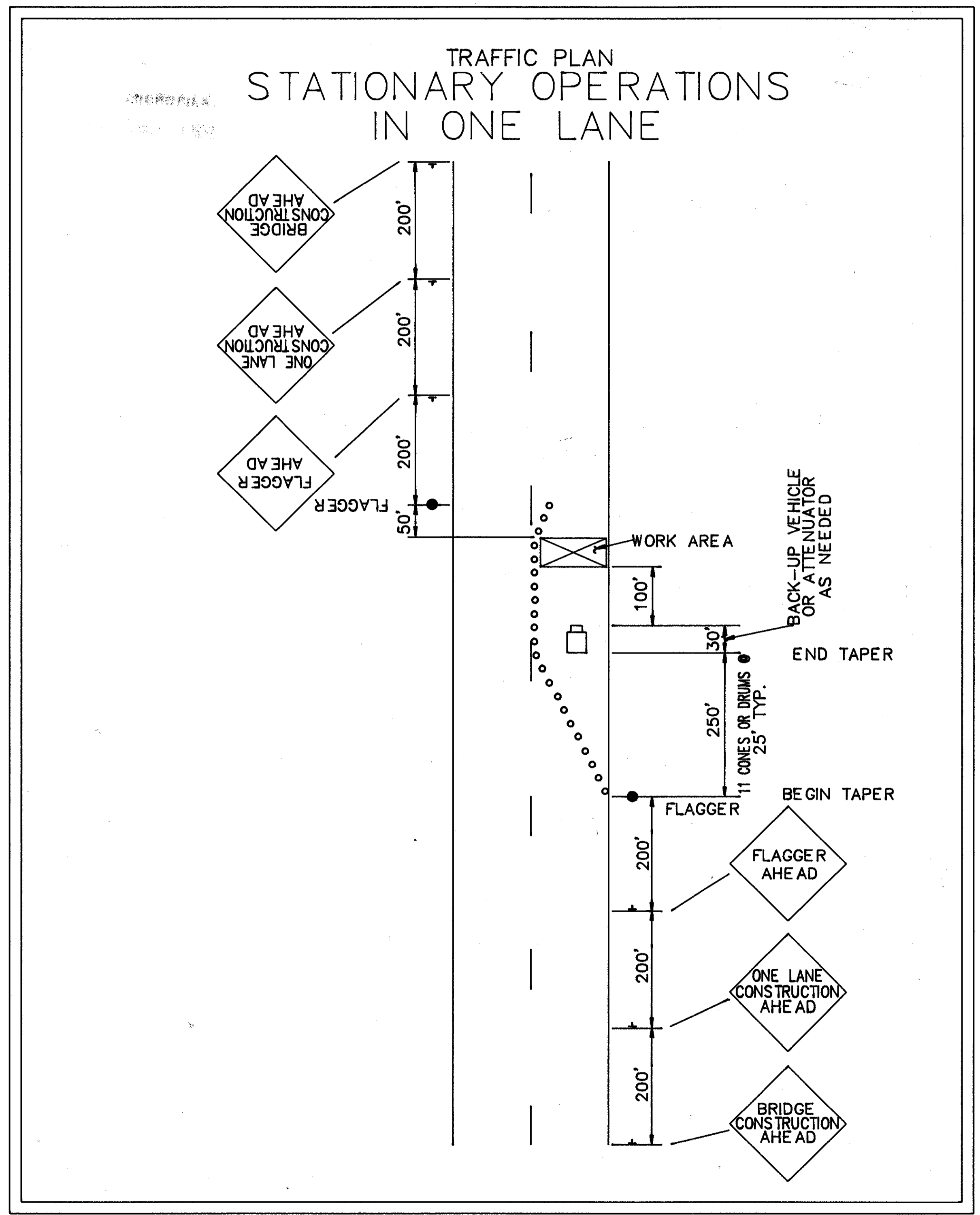
NIGHT WORK.
NIGHTTIME WORK WILL NOT BE PERMITTED, EXCEPT AS NOTED ABOVE. IF CONDITIONS ARISE WHICH REQUIRE A NIGHT CLOSURE, FLOOD LIGHTING SHALL BE PROVIDED AS PER SECTION VI, PARAGRAPH B OF THIS NOTE.

VIII FAILURE TO COMPLY

IF THERE IS ANY FAILURE TO COMPLY WITH PROVISIONS FOR TRAFFIC CONTROL SET OUT IN THESE PLANS OR NOTES, OR WITH PROVISIONS OF THE MANUAL, THE HIGHWAY IN THE VICINITY OF THE WORK AREA SHALL BE CONSIDERED IN A CONDITION UNACCEPTABLE FOR THE SAFE AND CONVENIENT USE BY THE TRAVELING PUBLIC. ANY FAILURE TO KEEP THE HIGHWAY IN THE VICINITY OF THE WORKING AREA IN A CONDITION ACCEPTABLE FOR THE SAFE AND CONVENIENT USE BY THE TRAVELING PUBLIC SHALL BE CONSIDERED A BREACH OF CONTRACT. WORK SHALL BE SUSPENDED UNTIL THE CONTRACTOR COMPLIES WITH THE PROVISION OF THE AFOREMENTIONED ITEMS.

IX PAYMENT

PAYMENT FOR PROVIDING, ERECTING, MAINTAINING, AND REMOVING TEMPORARY TRAFFIC CONTROL DEVICES, AND FLAGGER SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614-MAINTAINING TRAFFIC.



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