

MAINTENANCE OF TRAFFIC

BASIS OF PAYMENT

ALL COSTS FOR THE ABOVE MENTIONED WORK INCLUDING SIGNS, SIGN SUPPORTS, DRUMS, TEMPORARY SIGNALS, POLES AND INCIDENTALS, UNLESS OTHERWISE NOTED TO BE PAID SEPARATELY, SHALL BE PAID UNDER ITEM 614 - MAINTAINING TRAFFIC.

ESTIMATED QUANTITIES

404 BITUMINOUS CONCRETE FOR MAINTAINING TRAFFIC 25 CU.YDS.
410 TRAFFIC COMPACTED SURFACE, TYPE A 100 CU.YDS.

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 FOLLOWING PURPOSES EXCLUSIVELY:

1. CLOSING LANES ON S.R. 2 FOR STEEL ERECTION
2. CONTROLLING TRAFFIC WHENEVER A CHANGE IN A TRAFFIC PATTERN TAKES PLACE (IMPLEMENTING OR SHIFTING MAINTENANCE OF TRAFFIC PHASES)
3. DIRECTING TRAFFIC AT A SIGNALIZED INTERSECTION DURING SIGNAL SHUTDOWN

THE NUMBER OF OFFICERS AND CARS REQUIRED FOR THESE PURPOSES SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. 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 HOURS

PORTABLE CONCRETE BARRIER

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING, INSTALLING, MAINTAINING, AND SUBSEQUENTLY REMOVING PORTABLE CONCRETE BARRIER SECTIONS FOR THE BRIDGE CONSTRUCTION AS OUTLINED BELOW:

SEQUENCE 2, PHASE 1: PORTABLE CONCRETE BARRIER SECTIONS AND PORTABLE CONCRETE BARRIER, BRIDGE MOUNTED SECTIONS (10 FEET LONG) NECESSARY TO PERFORM THIS ITEM OF WORK SHALL BE SUPPLIED BY THE CONTRACTOR. BARRIER SECTIONS SHALL BE PINNED AND BLOCKED.

SEQUENCE 3, PHASE 2: PORTABLE CONCRETE BARRIER SECTIONS AND PORTABLE CONCRETE BARRIER, TYPE BRD, ANCHORED SECTIONS (10 FEET LONG) NECESSARY TO PERFORM THIS ITEM OF WORK SHALL BE SUPPLIED BY THE CONTRACTOR.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LOADING, UNLOADING AND TRANSPORTATION OF THE BARRIER SECTIONS.

THE BARRIER SECTIONS TO BE LOCATED ON THE BRIDGE DECK DURING EACH PHASE OF CONSTRUCTION SHALL BE CONNECTED AS PER THE BRIDGE MOUNTED BARRIER CONNECTING DETAILS.

PAYMENT FOR PORTABLE CONCRETE BARRIER TYPES INSTALLED AS PER THE MAINTENANCE OF TRAFFIC PLANS SHALL BE MADE AT THE CONTRACT PRICE FOR:

ITEM 622, PORTABLE CONCRETE BARRIER, 50"

ITEM 622, PORTABLE CONCRETE BARRIER, BRIDGE MOUNTED, 50", AS PER PLAN

ITEM 622, PORTABLE CONCRETE BARRIER, TYPE BRD, ANCHORED

SEE SHEET 8 FOR QUANTITIES.

BARRIER REFLECTORS

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING, INSTALLING AND MAINTAINING BARRIER REFLECTORS ON PORTABLE CONCRETE BARRIER SECTIONS USED IN WORK ZONES. THE LOCATION, COLOR AND TYPE SHALL BE IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATION 802. SPACING OF REFLECTORS SHALL BE ONE-HALF (1/2) THE SPACING CALLED FOR IN SUPPLEMENTAL SPECIFICATION 802.

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

SEE SHEET 8 FOR QUANTITIES.

FAILURE TO COMPLY

IF THERE IS ANY FAILURE TO COMPLY WITH PROVISIONS FOR TRAFFIC CONTROL SET OUT IN THESE PLANS AND NOTES, OR WITH THE 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 THIS CONTRACT. WORK SHALL BE SUSPENDED UNTIL THE CONTRACTOR COMPLIES WITH THE PROVISION OF THE AFOREMENTIONED ITEMS.

SEQUENCE OF OPERATIONS

CONSTRUCTION SHALL BE PERFORMED IN FOUR (4) SEQUENTIAL STEPS AS FOLLOWS:

SEQUENCE 1: STATION 22+35.88 TO 38+30.00 (WORK AS NOTED BELOW)

SEQUENCE 2: STATION 21 + 80 TO STATION 38 + 30 (PHASE 1 BRIDGE WIDENING CONSTRUCTION).

SEQUENCE 3: STATION 21 + 80 TO STA. 38 + 30 (PHASE 2 BRIDGE CONSTRUCTION)

SEQUENCE 4: 404/402 ASPHALT CONCRETE APPLICATION

THE MAINTENANCE OF TRAFFIC SCHEME AND THE SEQUENCE OF OPERATIONS FOR EACH PHASE OF EACH CONSTRUCTION IS OUTLINED IN THE FOLLOWING PLAN NOTES AND DETAILED IN THE PLANS ON SHEET NOS. 8 THROUGH 17. THE SEQUENCE OF OPERATION NOTES FOR EACH CONSTRUCTION OBJECTIVE ARE TO BE USED AS A GENERAL GUIDE TO THE BASIC WORK OPERATIONS INVOLVED IN A PARTICULAR SEQUENCE.

SEQUENCE 1:

THIS SEQUENCE OF WORK SHALL BE COMPLETED PRIOR TO THE BEGINNING OF PHASE ONE. THE CONTRACTOR SHALL PERFORM ALL WORK OF THIS SEQUENCE WITH ALL LANES OF SR306 OPEN TO TRAFFIC. SHOULD THE CONTRACTOR NEED TO TEMPORARILY CLOSE A LANE TO PERFORM THIS WORK, HE MAY DO SO BETWEEN THE HOURS OF 8:30AM - 4:00PM AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FOLLOW STANDARD DRAWING MT.-95.31 AND MT.-95.32 WHEN CLOSING A LANE OF TRAFFIC. THE CONTRACTOR SHALL SCHEDULE HIS WORK IN SUCH A WAY SO AS TO HAVE ALL LANES OPEN TO TRAFFIC AT THE END OF EACH WORK DAY. THIS WORK SHALL INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING:

1. PILE DRIVING WHERE PERMISSIBLE
2. CONSTRUCTION OF PIER FOOTERS
3. CONSTRUCTION OF PIER COLUMNS EXCLUDING PIER CAPS
4. ALL GRADING ADJACENT TO THE EXISTING STRUCTURE
5. TOWER LIGHT MAINTENANCE PLATFORM MODIFICATIONS
6. DRAINAGE STRUCTURES WHERE PERMISSIBLE
7. MEDIAN REMOVAL (SEE SHEETS 40-41)

THE CONTRACTOR SHALL ALSO PERFORM ALL OTHER WORK CAPABLE OF BEING DONE WITHOUT ANY PERMANENT LANE CLOSURES IN ADDITION TO THE AFOREMENTIONED WORK, AS DETERMINED BY THE ENGINEER. THE PURPOSE OF THIS SEQUENCE IS TO AID THE CONTRACTOR'S ABILITY TO COMPLETE PHASE ONE (EAST HALF LANE CLOSURE) WITHIN THE SIXTY (60) DAY LIMIT.

SEQUENCE 2: PHASE 1, BRIDGE CONSTRUCTION, EAST SIDE. (CLOSE EAST HALF)

WORK IN PHASE ONE REQUIRES THE CLOSING OF THE EAST HALF OF THE BRIDGE. WORK SHALL BE PERFORMED DURING PHASE ONE WITHIN THE SPECIFIED TIME LIMITATIONS AS NOTED IN THE PROPOSAL. LIQUIDATED DAMAGES SHALL BE ASSESSED THE CONTRACTOR FOR EACH DAY THE BRIDGE REMAINS CLOSED BEYOND THE INTERIM COMPLETION DATE AS SET FORTH IN THE PROPOSAL.

1. PERFORM BRIDGE WIDENING CONSTRUCTION ON EAST SIDE. STA 27 + 60 TO STA. 32 + 00, RT.
2. PERFORM PAVEMENT JOINT REPAIRS, PAVEMENT WIDENING, DRAINAGE, AND CONSTRUCT SIDEWALK AND CURBS.

SEQUENCE 3: PHASE 2 BRIDGE CONSTRUCTION, WEST SIDE (CLOSE WEST HALF)
PHASE 3 BRIDGE CONSTRUCTION, CLOSURE POUR

1. PERFORM BRIDGE REHABILITATION ON WEST SIDE, STA 27 + 60 TO 32 + 00, LT.
2. PERFORM PAVEMENT JOINT REPAIRS, DRAINAGE AND GRADING WITHIN WORK ZONE. SEE PLAN SHEETS
3. CONSTRUCT CONCRETE CURBS AND SIDEWALKS FROM
STA 23 + 84 TO STA 27 + 40 , LT,
STA 31 + 80 TO STA 34 + 20 , LT,
STA 34 + 85 TO STA 38 + 30 , LT
4. CONSTRUCT MEDIAN ISLAND AT F-4 AND F-5 RAMPS AND AT F-1 AND F-2 RAMPS.
(NOTE: TIME CONSTRAINT AS INDICATED ON PLAN SHEET 10.)

SEQUENCE 4:

PAVEMENT PLANING OPERATIONS, APPLICATION OF 407 TACK COAT AND PLACING OF 404 AND 402 ASPHALT CONCRETE SHALL BE PERFORMED ACCORDING TO THE MAINTENANCE OF TRAFFIC STANDARD DETAIL MT - 97.11. ALL ASPHALT CONCRETE APPLICATIONS SHALL OCCUR IN THIS SEQUENCE WITH THE EXCEPTION OF THE PAVEMENT WIDENING ON RAMP F-5. ALL ASPHALT APPLICATIONS NECESSARY FOR COMPLETING THE RAMP WIDENING SHALL OCCUR IN SEQUENCE 2, PHASE 1.