



ITEM	UNIT	DESCRIPTION
614	EACH	TEMPORARY RAISED PAVEMENT MARKERS

STATIONING (FROM – TO) (SIDE)	SPACING	TYPE A		REMARKS
		W	Y	(LINE TYPE)
PHASE 1				
43+452.65 TO 43+541.35, LT.	BACK TO BACK 1.5m C/C	60	60	SIMULATE EDGE LINE (TWO COLORS)
43+541.35 TO 43+587.35, LT.	1.5m C/C	31		SIMULATE EDGE LINE
43+498.65 TO 43+541.35, RT.	BACK TO BACK 1.5m C/C	29	29	SIMULATE EDGE LINE (TWO COLORS)
PHASE 2				
43+498.65 TO 43+587.35, RT.	BACK TO BACK 1.5m C/C	60	60	SIMULATE EDGE LINE (TWO COLORS)
43+452.65 TO 43+498.65, RT.	BACK TO BACK 1.5m C/C	31		SIMULATE EDGE LINE
43+498.65 TO 43+541.35, LT.	BACK TO BACK 1.5m C/C	29	29	SIMULATE EDGE LINE (TWO COLORS)
TOTALS		240	178	
		418		

TOTAL CARRIED TO GENERAL SUMMARY

#### ITEM 614. MAINTAINING TRAFFIC

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT AND THE COMPLETED PAVEMENT.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC.

410, TRAFFIC COMPACTED SURFACE, TYPE A OR B 20 CU. METER

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

#### TRENCH FOR WIDENING

TRENCH EXCAVATION FOR BASE WIDENING SHALL BE ONLY ON ONE SIDE OF THE PAVEMENT AT A TIME. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED SUBBASE AND BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND EXCAVATION OPERATIONS. THE LENGTH OF WIDENING TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO APPROVAL BY THE ENGINEER.

#### ITEM 614. BARRIER REFLECTORS

REFLECTORS AND THEIR MOUNTING SHALL CONFORM TO ITEM 626 EXCEPT THAT SPACING SHALL BE  $\pm 7.5$ m.

#### DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER AND CALCIUM CHLORIDE FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING CONTINGENCY QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

616, WATER 20 CU. METER  
616, CALCIUM CHLORIDE 0.5 M TON

#### ITEM 622. PORTABLE CONCRETE BARRIER

IT IS ANTICIPATED THAT THE SAME BARRIER 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 OF VEHICULAR TRAFFIC UNTIL MOVEMENT OF THE BARRIER IS COMPLETE.

ALL COSTS INVOLVED IN REMOVING AND REINSTALLING THE CONCRETE BARRIER WILL BE INCLUDED IN THE CONTRACT PRICE FOR ITEM 622, PORTABLE CONCRETE BARRIER.

#### SEQUENCE OF CONSTRUCTION

##### PHASE 1

- ALL MAINTENANCE OF TRAFFIC ITEMS INCLUDING BARRIERS, SIGNALS, SIGNS, LIGHTS AND TEMPORARY MARKINGS AS SHOWN ON SHEET 6 FOR PHASE 1 CONSTRUCTION, MUST BE FURNISHED AND ERECTED BY THE CONTRACTOR BEFORE CONSTRUCTION PROCEEDS.
- WHEN ALL ABOVE REQUIREMENTS HAVE BEEN SATISFIED THE SOUTHBOUND LANE OF S.R. 60 SHALL BE OPEN FOR TRAFFIC. THE EXISTING STRUCTURE SHALL BE CUT ALONG THE CUT LINE AND THE RIGHT PORTION OF THE EXISTING SUPERSTRUCTURE AND SUBSTRUCTURE SHALL BE REMOVED TO THE LIMITS SHOWN FOR PHASE 1 CONSTRUCTION. TEMPORARY SHEETING SHALL BE PLACED TO PERMIT THIS REMOVAL AND CONSTRUCTION. CARE SHALL BE TAKEN TO PROTECT THE REMAINING PORTION OF THE EXISTING STRUCTURE BEING USED AS TEMPORARY ROADWAY DURING CONSTRUCTION.
- THE RIGHT PORTION OF THE PROPOSED ROADWAY AND STRUCTURE SHALL BE CONSTRUCTED TO THE LIMITS SHOWN UNDER PHASE 1 CONSTRUCTION.
- PHASE 1 WORK WILL PROCEED UNTIL COMPLETED IN TOTAL, PRIOR TO BEGINNING PHASE 2. THIS WILL INCLUDE THE PAVEMENT UP TO AND INCLUDING ITEM 448 INTERMEDIATE COURSE, TYPE 2, PG64-22, PAVEMENT WIDENING, GUARDRAIL AND STRUCTURE REQUIRED TO MAINTAIN TRAFFIC DURING PHASE 2. THE LONE EXCEPTION SHALL BE THE ASPHALT WEARING SURFACE COURSE WHICH SHALL NOT BE PLACED UNTIL AFTER PHASE 2 IS COMPLETED.

##### PHASE 2

- AFTER ALL PHASE 1 CONSTRUCTION HAS BEEN COMPLETED, THE CONTRACTOR SHALL INSTALL THE MAINTENANCE OF TRAFFIC ITEMS AS SHOWN ON SHEET 6 FOR PHASE 2 CONSTRUCTION.
- THE REMAINING PORTIONS OF THE EXISTING SUPERSTRUCTURE AND SUBSTRUCTURE SHALL BE REMOVED AS WELL AS THE TEMPORARY SHEETING.
- THE REMAINING PORTION OF THE PROPOSED ROADWAY AND STRUCTURE SHALL BE CONSTRUCTED. THIS WILL INCLUDE THE PAVEMENT UP TO AND INCLUDING ITEM 448 INTERMEDIATE COURSE, TYPE 2, PG64-22, PAVEMENT WIDENING, AND GUARDRAIL.
- AFTER PHASE 2 CONSTRUCTION IS COMPLETED AND THE MAINTENANCE OF TRAFFIC ITEMS HAVE BEEN REMOVED, THE ASPHALT WEARING SURFACE COURSE SHALL BE CONSTRUCTED AND PERMANENT PAVEMENT MARKINGS SHALL BE PLACED.

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR MAINTAINING TRAFFIC.

##### PHASE 1

ITEM 614 TEMPORARY STOP LINE,  
CLASS 1, 740.05, TYPE C 8m  
STA. 43+452.65, RT.  
STA. 43+587.35, LT.

ITEM 614 TEMPORARY EDGE LINE,  
CLASS 1, 740.05, TYPE C 0.05km  
STA. 43+452.65 TO STA. 43+498.65

ITEM 614 TEMPORARY CENTER LINE,  
CLASS 1, 740.05, TYPE C 0.09km  
STA. 43+406.65 TO STA. 43+452.65  
STA. 43+587.35 TO STA. 43+633.35

ITEM 614 BARRIER REFLECTORS, TYPE B2 13 EACH  
STA. 43+468.65 TO STA. 43+556.35

ITEM 614 OBJECT MARKERS 26 EACH  
STA. 43+468.65 TO STA. 43+556.35

ITEM 622 PORTABLE CONCRETE BARRIER, 813mm 72.45m  
STA. 43+468.65 TO STA. 43+513.90  
STA. 43+529.15 TO STA. 43+556.35

ITEM 622 PORTABLE CONCRETE BARRIER, 813mm,  
BRIDGE MOUNTED 15.25m  
STA. 43+513.90 TO STA. 43+529.15

##### PHASE 2

ITEM 614 TEMPORARY EDGE LINE,  
CLASS 1, 740.05, TYPE C 0.05km  
STA. 43+541.35 TO STA. 43+587.35

ITEM 614 BARRIER REFLECTORS, TYPE B2 13 EACH  
STA. 43+468.65 TO STA. 43+556.35

ITEM 614 OBJECT MARKERS 26 EACH  
STA. 43+468.65 TO STA. 43+556.35

ITEM 622 PORTABLE CONCRETE BARRIER, 813mm 72.45m  
STA. 43+468.65 TO STA. 43+513.90  
STA. 43+529.15 TO STA. 43+556.35

ITEM 622 PORTABLE CONCRETE BARRIER, 813mm,  
BRIDGE MOUNTED 15.25m  
STA. 43+513.90 TO STA. 43+529.15