

# GENERAL NOTES

LAKE COUNTY  
LAK-86-2.23

## ITEM 614 MAINTAINING TRAFFIC

TWO-WAY TRAFFIC SHALL BE MAINTAINED THROUGH THE PROJECT DURING CONSTRUCTION OF STAGE ONE (1). TRAFFIC SHALL BE MAINTAINED OVER BIG CREEK VIA A PORTION OF THE PROPOSED STRUCTURE DURING STAGE TWO (2) CONSTRUCTION. THE METHOD OF MAINTAINING TRAFFIC FOR EACH SCHEME SHALL BE AS INDICATED ON THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN ON SHEET NO'S 7, 8, & 9.

EXISTING TRAFFIC SIGNS SHALL BE REMOVED AND STORED DURING CONSTRUCTION. THE EXISTING TRAFFIC SIGNS WILL BE REINSTALLED AS DIRECTED BY THE ENGINEER. ALL COSTS ARE INCLUDED IN ITEM 614 - MAINTAINING TRAFFIC.

### STAGE I CONSTRUCTION

CONSTRUCT PORTION OF NEW HIGHWAY STRUCTURE OVER BIG CREEK AND WIDEN ROADWAY ON WEST SIDE. CONSTRUCT NEW ROADWAY PAVEMENT AND APPURTENANCES THROUGHOUT THE WIDENED PORTION AND CONSTRUCT TEMPORARY ROADWAY PAVEMENT CONNECTING TO THE NEWLY CONSTRUCTED BRIDGE APPROACH SLABS.

TRAFFIC SHALL BE MAINTAINED ON THE EXISTING ROADWAY AND STRUCTURE DURING THIS STAGE. SIGNING SHALL BE AS INDICATED ON THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN AND COMPLEMENTED AS REQUIRED TO PROTECT THE TRAVELING PUBLIC DURING PERIODS OF CONSTRUCTION ADJACENT TO THE TRAVELED ROADWAY. THE TYPE OF COMPLEMENTARY SIGNING SHALL BE IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, PART 7.

### STAGE II CONSTRUCTION

INSTALL TEMPORARY TRAFFIC SIGNALS AND TEMPORARY CONCRETE BARRIER TOGETHER WITH TEMPORARY LINE STRIPING THROUGH THE ONE-LANE ROADWAY SECTION. TRAFFIC SHALL BE MAINTAINED ON ONE-LANE ROADWAY AND PORTION OF NEW ROADWAY STRUCTURE OVER BIG CREEK WHICH WAS CONSTRUCTED UNDER STAGE I. SIGNING SHALL BE AS INDICATED ON THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

UPON SATISFACTORY OPERATION OF THE TEMPORARY TRAFFIC SIGNALS AND ONE-LANE ROADWAY, THE EXISTING ROADWAY STRUCTURE OVER BIG CREEK SHALL BE REMOVED AND THE REMAINING PORTION OF NEW ROADWAY STRUCTURE CONSTRUCTED. THE REMAINING ROADWAY AND APPURTENANCES FOR S.R. 86 SHALL BE CONSTRUCTED UNDER THIS STAGE. ANY ADDITIONAL SIGNING WHICH MAY BE REQUIRED TO PROTECT THE TRAVELING PUBLIC DURING PERIODS OF CONSTRUCTION WITHIN OR ADJACENT TO THE TRAVELED ROADWAY SHALL BE IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, PART 7.

ACCESS TO DRIVEWAYS AND FAY ROAD SHALL BE MAINTAINED AT ALL TIMES.

ALL TRAFFIC CONTROL MEASURES IMPLEMENTED DURING THE COURSE OF THIS PROJECT SHALL CONFORM TO THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, PART 7, UNLESS OTHERWISE NOTED IN THESE PLANS AND SHALL BE PAID FOR UNDER ITEM 614 - MAINTAINING TRAFFIC.

## ITEM 615 TEMPORARY ROAD AND PAVEMENT AS PER PLAN

ON THIS PROJECT THE TEMPORARY ROAD SHALL BE CONSTRUCTED WITHIN THE LIMITS OF THE PROPOSED S.R. 86 ROADWAY AND EARTH SHOULDER AREA. THE HORIZONTAL ALIGNMENT SHALL BE AS INDICATED ON THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN. THE VERTICAL ALIGNMENT SHALL BE CONSTRUCTED TO THE FINISHED GRADE FOR S.R. 86 PROPOSED ROADWAY OUTSIDE THE LIMITS OF THE EXISTING S.R. 86 PAVEMENT. THE VERTICAL ALIGNMENT SHALL FOLLOW EXISTING S.R. 86 PAVEMENT WITHIN THE LIMITS OF THE EXISTING S.R. 86 PAVEMENT. DIFFERENTIAL BETWEEN THE EXISTING S.R. 86 PAVEMENT EDGE ELEVATION AND THE PROPOSED S.R. 86 PAVEMENT ELEVATION AT THAT LOCATION SHALL BE TAPERED AT A

MAXIMUM EIGHT PERCENT GRADE CONSISTING OF ITEM 404 - ASPHALT CONCRETE. (SEE DETAILS ON CROSS SECTIONS) COST OF TACKING IS INCLUDED UNDER TEMPORARY ROADS. THE AREA OF THE TEMPORARY PAVEMENT SHALL BE CONSTRUCTED OF THE SAME MATERIALS SHOWN ON THE TYPICAL SECTIONS FOR THE PAVEMENT OF PROPOSED S.R. 86.

THE TEMPORARY PAVEMENT WILL VARY IN WIDTH FROM FOUR FEET MINIMUM TO TEN FEET, ZERO INCHES MAXIMUM AT THE APPROACH SLAB. PERMANENT GUARDRAIL SHALL BE CONSTRUCTED ON THE WEST SIDE. TEMPORARY CONCRETE BARRIER SHALL BE CONSTRUCTED ON THE EAST SIDE AS SHOWN ON THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

WHEN THE NEED NO LONGER EXISTS FOR THE TEMPORARY PAVEMENT, THE CONTRACTOR SHALL NOT REMOVE THE TEMPORARY PAVEMENT. THE TEMPORARY PAVEMENT SHALL BE LEFT IN PLACE AND BECOME PART OF THE PERMANENT FACILITY.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY TO BE USED IN CONSTRUCTING THE TEMPORARY PAVEMENT:

ITEM 615	TEMPORARY PAVEMENT, CLASS B, AS PER PLAN	149 S.Y.
----------	--	----------

ITEM 615	TEMPORARY ROADS	LUMP SUM
----------	-----------------	----------

ITEM 622	TEMPORARY CONCRETE BARRIER	270 L.F.
ITEM 404	ASPHALT CONCRETE	40 C.Y.

PROVIDE TEMPORARY CONCRETE BARRIER IN TEN (10) FOOT SECTION LENGTHS AND CONNECT SECTIONS WITH CONNECTING PINS AS SHOWN ON MC-9A

### SEEDING

QUANTITIES FOR SEEDING ARE CALCULATED FOR THE SOIL AREAS BETWEEN TEN (10) FEET OUTSIDE THE WORK LIMITS, AS SHOWN ON THE CROSS SECTIONS, OR TO THE RIGHT-OF-WAY LINE IF SUCH LINE IS LESS THAN TEN (10) FEET FROM THE WORK LIMITS.

### WATERING PERMANENT SEEDED AREAS

THE FOLLOWING ESTIMATED QUANTITY IS TO BE USED AS DIRECTED BY THE ENGINEER TO PROMOTE GROWTH AND TO CARE FOR THE PERMANENT SEEDED AREAS, AS PER 659.09:

WATER	9 M GAL.
-------	----------

### SPRING DRAINS

REFERENCE IS MADE TO THE DETAILED DRAWING ON STANDARD CONSTRUCTION DRAWING MC-1 SHOWING THE METHOD OF DRAINING ANY SPRING THAT MAY BE SHOWN ON THE PLAN OR ENCOUNTERED DURING CONSTRUCTION, AS DETERMINED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THIS PURPOSE:

ITEM 605	6" UNCLASSIFIED PIPE UNDERDRAIN, 707.01 TYPE III OR 707.21 TYPE III	50 L.F.
----------	---	---------

ITEM 605	AGGREGATE DRAINS FOR SPRINGS	50 L.F.
----------	------------------------------	---------

THE CONTRACTOR SHALL NOT ORDER MATERIALS FOR "SPRING DRAINS" UNTIL AUTHORIZED BY THE ENGINEER, AND IN THE EVENT NO SPRINGS ARE ENCOUNTERED, THE ITEM SHALL BE NON-PERFORMED.

## ITEM SPECIAL - DITCH PROTECTION

WHERE THIS ITEM IS CALLED FOR ON THE PLAN, ANY ONE OF ITEMS 660 - SODDING; ITEM 667 - SEEDING AND JUTE MATTING OR ITEM 668 - SEEDING AND EXCELSIOR MATTING MAY BE USED.

ITEM SPECIAL - DITCH PROTECTION IS PROVIDED IN THE PLANS FOR EROSION CONTROL. ROCK OF A STABLE NATURE WILL NOT BE REMOVED IN ORDER TO PLACE ANY OF THIS ITEM, AND TURF OF A STABLE NATURE WILL NOT BE REMOVED IN ORDER TO PLACE 660, 667 OR 668. THE ENGINEER SHALL CHECK AND NON-PERFORM QUANTITIES OR ADJUST LOCATIONS AND QUANTITIES FOR THESE ITEMS WHERE INDICATED BY FIELD CONDITIONS DURING CONSTRUCTION.

## TEMPORARY FILL AND COFFERDAMS

NO TEMPORARY FILL MAY BE PLACED IN THE STREAM AND ALL COFFERDAMS MUST BE CONSTRUCTED OF NON-ERODIBLE MATERIALS.

## ITEM 614 - TEMPORARY PAVEMENT MARKINGS (LANE SHIFTS)

TEMPORARY PAVEMENT MARKINGS SHALL BE REQUIRED AT ALL WORK AREAS AS DETAILED ON SHEET 9. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY TO BE USED FOR LANE SHIFTS.

ITEM 614 - TEMPORARY CENTER LINES, CLASS I, TYPE R TAPE	0.11 MILES
ITEM 614 - TEMPORARY EDGE LINES, CLASS I, TYPE R TAPE	0.23 MILES
ITEM 614 - TEMPORARY STOP LINES, CLASS I, TYPE R TAPE	36 L.F.

## ITEM 614 - TEMPORARY PAVEMENT MARKINGS

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY TO BE USED AFTER LANE SHIFT REMOVALS:

ITEM 614 - TEMPORARY CENTER LINES, CLASS II	0.21 MILES
ITEM 614 - TEMPORARY GORE MARKING, CLASS II	100 L.F.