

PAYMENT FOR ACCEPTED QUANTITIES, COMPLETE IN PLACE, WILL BE MADE AT THE CONTRACT UNIT PRICE. PAYMENT SHALL BE FULL COMPENSATION FOR ALL MATERIALS, LABOR, INCIDENTALS AND EQUIPMENT FOR FURNISHING, ERECTING, MAINTAINING, COVERING DURING SUSPENSION OF WORK, AND REMOVING THE SIGNS AND SUPPORTS.

THE SIGNS WILL BE PLACED AS DIRECTED BY THE ENGINEER.

ITEM 614 - BARRIER REFLECTORS

BARRIER REFLECTORS SHALL BE INSTALLED ON ALL PORTABLE CONCRETE BARRIER USED FOR TRAFFIC CONTROL. BARRIER REFLECTORS AND THEIR INSTALLATION SHALL CONFORM TO THE APPROPRIATE PROPOSAL NOTE AND ITEM 626 EXCEPT THAT THE SPACING SHALL BE 25 FEET. AN ESTIMATED QUANTITY FOR ITEM 614 BARRIER REFLECTOR, TYPE B, HAS BEEN PROVIDED ON THE PHASE DETAIL SHEETS AND CARRIED TO THE GENERAL SUMMARY.

DOUBLE FINES IN WORK ZONES SIGN

R-180-48 SIGNS SHALL BE FURNISHED, ERECTED, AND MAINTAINED IN GOOD CONDITION AND/OR REPLACED AS NECESSARY AND SUBSEQUENTLY REMOVED BY THE CONTRACTOR. SIGNS SHALL BE MOUNTED AT THE APPROPRIATE OFFSETS AND ELEVATIONS AS PRESCRIBED BY THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THEY SHALL BE MAINTAINED ON SUPPORTS MEETING CURRENT SAFETY CRITERIA.

THE SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONSTRUCTION ZONE IS DISCONTINUED FOR 30 DAYS OR MORE.

THE CONTRACTOR MAY USE SIGNS AND SUPPORTS IN USED BUT GOOD CONDITION PROVIDED THE SIGNS MEET CURRENT ODOT SPECIFICATIONS. SIGN FACES SHALL BE REFLECTORIZED WITH TYPE G SHEETING COMPLYING WITH THE REQUIREMENTS OF 730.19 AND U.S. DEPARTMENT OF TRANSPORTATION SUPPLEMENTAL SPECIFICATION FOR TYPE III-C SHEETING, FP-85.

DOUBLE FINES IN WORK ZONES SIGNS AND SUPPORTS WILL BE MEASURED AS THE NUMBER OF SIGN INSTALLATIONS, INCLUDING THE SIGN AND NECESSARY SUPPORTS. IF A SIGN AND SUPPORT COMBINATION IS REMOVED AND REERECTED AT ANOTHER LOCATION AS DIRECTED BY THE ENGINEER, IT SHALL BE CONSIDERED ANOTHER UNIT.

PAYMENT FOR ACCEPTED QUANTITIES, COMPLETE, IN PLACE WILL BE MADE AT THE CONTRACT UNIT PRICE. PAYMENT SHALL BE FULL COMPENSATION FOR ALL MATERIALS, LABOR, INCIDENTALS AND EQUIPMENT FOR FURNISHING, ERECTING, MAINTAINING, COVERING DURING SUSPENSION OF WORK, AND REMOVAL OF THE SIGN AND SUPPORT.

THE SIGNS WILL BE PLACED AS DIRECTED BY THE ENGINEER.

MAINTAINING TRAFFIC

DROPOFFS IN WORK ZONES

ALL VERTICAL DROPOFFS WITHIN THE CONSTRUCTION ZONES SHALL BE ADDRESSED AS PER THE DROPOFFS IN WORK ZONES DETAIL SHOWN ON SHEET 55A. ALL COSTS ASSOCIATED WITH THIS WORK SHALL BE INCLUDED UNDER ITEM 614 - MAINTAINING TRAFFIC.

CONTRACTOR'S EQUIPMENT - OPERATION AND STORAGE

THE CONTRACTOR'S EQUIPMENT SHALL BE OPERATED IN THE DIRECTION OF TRAFFIC. A QUALIFIED FLAGGER SHALL BE EMPLOYED WHERE THE CONTRACTOR'S EQUIPMENT MUST MERGE WITH THE TRAFFIC STREAM. THE CONTRACTOR'S EQUIPMENT SHALL BE EQUIPPED WITH AT LEAST ONE AMBER FLASHING LIGHT. PAVERS, ROLLERS AND OTHER EQUIPMENT MAY BE PARKED IN AREAS ALONG THE HIGHWAY WHEN PAVING OPERATIONS ARE SCHEDULED TO CONTINUE WITHIN THE NEXT WORKDAY. OTHERWISE THE EQUIPMENT SHALL BE STORED AT A STORAGE AREA OUTSIDE THE RIGHT OF WAY, THE LOCATION OF WHICH SHALL HAVE PRIOR APPROVAL OF THE ENGINEER. WHEN PARKING ALONG THE HIGHWAY THE EQUIPMENT SHALL BE PLACED AND DELINEATED AS PER 614.03. NO EQUIPMENT SHALL BE PARKED IN THE MEDIAN OF THE HIGHWAY. ALL OTHER EQUIPMENT, INCLUDING PRIVATE VEHICLES, SHALL BE STORED AT THE APPROVED CONTRACTOR'S STORAGE AREA. NO EQUIPMENT SHALL BE PARKED ON PRIVATE PROPERTY UNLESS PRIOR APPROVAL IN WRITING OF THE OWNER AND THE PROJECT ENGINEER/SUPERVISOR HAS BEEN GRANTED.

ITEM 615 TEMPORARY ROAD

ALTHOUGH ESTIMATES FOR TEMPORARY EXCAVATION AND EMBANKMENT BUT NO TEMPORARY DRAINAGE FACILITIES HAVE BEEN SHOWN ON THE PLAN DETAILS, THESE ITEMS SHALL REMAIN IN PLACE AND BE CONSIDERED INCIDENTAL TO, AND INCLUDED WITH PAYMENT FOR ITEM 615 TEMPORARY ROAD.

ITEM 615 TEMPORARY ROAD EARTHWORK

TEMPORARY EARTHWORK QUANTITIES HAVE BEEN INCLUDED ON THE CROSS SECTION SHEETS.

DETOUR NOTIFICATION

THE CONTRACTOR SHALL ADVISE THE ODOT DISTRICT OFFICE, ALL LOCAL LAW ENFORCEMENT AGENCIES, FIRE DEPARTMENTS, ENGINEERS AND SCHOOL DISTRICTS EIGHTEEN (18) DAYS IN ADVANCE OF WHEN THE DETOUR ROUTE SHOULD BE IN EFFECT

WINTER TRAFFIC LIMITATIONS

TWO LANES IN EACH DIRECTION SHALL BE OPEN TO TRAFFIC BETWEEN NOVEMBER 15 AND APRIL 01. NOVEMBER 15 SHALL BE CONSIDERED TO CONSTITUTE AN INTERIM COMPLETION DATE AND LIQUIDATED DAMAGES OF \$1,500 PER DAY SHALL BE ASSESSED FOR EACH CALENDAR DAY THAT THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMIT. THE CONTRACTOR MAY CLOSE LANES PRIOR TO APRIL 1 WITH WRITTEN APPROVAL FROM THE DISTRICT CONSTRUCTION ENGINEER.

NO PORTABLE CONCRETE BARRIER SHALL BE STORED WITHIN THE RIGHT OF WAY DURING WINTER TRAFFIC LIMITATIONS.

SUSPENSION OF WORK

IF THE CONTRACTOR FAILS TO COMPLY WITH THE PROVISIONS FOR MAINTENANCE OF TRAFFIC AS SET FORTH IN THESE PLANS OR WITH PROVISIONS OF THE MANUAL, THE ENGINEER MAY SUSPEND WORK UNTIL THE CONTRACTOR COMPLIES WITH THE NECESSARY REQUIREMENTS. NO COMPENSATION WILL BE PAID FOR SUSPENSION OF WORK.

ALTERNATE MAINTENANCE OF TRAFFIC PLANS

IF THE CONTRACTOR SO ELECTS, HE MAY SUBMIT ALTERNATE METHODS FOR THE MAINTENANCE OF TRAFFIC, PROVIDED THE INTENT OF THE ABOVE PROVISIONS IS FOLLOWED AND NO ADDITIONAL INCONVENIENCE TO THE TRAVELING PUBLIC RESULTS THEREFROM. NO ALTERNATE PLAN SHALL BE PLACED INTO EFFECT UNTIL APPROVAL HAS BEEN GRANTED IN WRITING BY THE ENGINEER.

METHOD OF PAYMENT

PAYMENT FOR THE MAINTENANCE OF TRAFFIC ITEMS, UNLESS SPECIFIED SEPARATELY, SHALL BE AT THE LUMP SUM BID FOR ITEM 614 MAINTAINING TRAFFIC, WHICH SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK AS DETAILED IN THE PLANS.

PARCEL NO. 31 - DRIVEWAY ACCESS

THIS PROPERTY HAS THREE (3) EXISTING DRIVEWAYS, TWO (2) ON LANE ROAD AND ONE (1) ON US ROUTE 20. THE CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES TO THE US ROUTE 20 DRIVEWAY AND THE SOUTHERN LANE ROAD DRIVEWAY.

THE NORTHERN LANE ROAD DRIVEWAY CAN BE COMPLETELY CLOSED DURING CONSTRUCTION OF LANE ROAD AND DURING REPLACEMENT OF THIS DRIVEWAY FOR A PERIOD NOT TO EXCEED 45 CALENDAR DAYS. SEE SHEETS 38-39 FOR ADDITIONAL DETAILS ON DRIVEWAY ACCESS.

TREE REMOVALS AND BUILDING DEMOLITION

ALL TREE REMOVALS AND BUILDING DEMOLITION WORK FOR SECTIONS 1 AND 3 SHALL BE COMPLETED BY NOVEMBER 1, 2003. THIS WORK MUST BE COMPLETED BY THE ABOVE NOTED DATE TO ALLOW FOR UTILITY RELOCATION WORK TO BE COMPLETED BY THE NEXT CONSTRUCTION SEASON. LIQUIDATED DAMAGES SHALL BE ASSESSED IN THE AMOUNT OF \$1,000.00 PER DAY FOR EACH CALENDAR DAY THIS WORK REMAINS INCOMPLETE BEYOND THE NOVEMBER 1, 2003 COMPLETION DATE.

SEQUENCE OF CONSTRUCTION

THE PROJECT CONSISTS OF FIVE PARTS AS FOLLOWS:

- SECTION 1 - STA. 68+97.00 TO STA. 95+500.00
- SECTION 2 - STA. 166+13.00 TO STA. 180+40.00
- SECTION 3 - STA. 270+80.00 TO STA. 287+95.00
- SECTION 4 - STA. 397+59.00 TO STA. 412+00.00
- SECTION 5 - STA. 487+80.00 TO STA. 501+82.39

WORK SHALL BE LIMITED TO SECTIONS 2, 4, AND 5 BEING STARTED AND COMPLETED PRIOR TO BEGINNING AND COMPLETING SECTION 1 AND 3.

THE PHASES OF CONSTRUCTION FOR EACH SECTION ARE AS FOLLOWS:

SECTION 1

- PHASE 1 MILL THE EASTBOUND AND WESTBOUND LANES ON U.S. ROUTE 20.
- PHASE 2 CONSTRUCT THE OUTSIDE WEST BOUND LANE OF PAVEMENT ON US 20 MAINTAIN ONE LANE OF TRAFFIC WEST BOUND AND TWO LANES EAST BOUND. CONSTRUCT BACON ROAD AS PER PHASE CONSTRUCTION DETAILS. CONSTRUCT PROPOSED STORM SEWER ALONG THE LEFT SIDE OF THE ROADWAY. CONSTRUCT PROPOSED STORM SEWER CROSSOVER AND UTILITY SERVICE CONNECTIONS TO THE SOUTH AS REQUIRED TO THE APPROXIMATE CENTERLINE.
- PHASE 3 CONSTRUCT THE OUTSIDE EAST BOUND LANE OF PAVEMENT ON US 20. MAINTAIN ONE LANE OF TRAFFIC EAST BOUND AND TWO LANES WEST BOUND. CONSTRUCT BOWHALL ROAD AS PER PHASE CONSTRUCTION DETAILS. AFTER STARTING AND COMPLETING BOWHALL ROAD, CONSTRUCT HECKATHORN DRIVE AND RELOCATED HALE ROAD AS PER PHASE CONSTRUCTION DETAILS. COMPLETE CONSTRUCTION OF STORM SEWER CROSSOVERS AND UTILITY SERVICE CONNECTIONS TO THE NORTH AS REQUIRED.
- PHASE 4 COMPLETE INTERMEDIATE COURSE PAVING, SURFACE COURSE PAVING, AND PERMANENT PAVEMENT MARKINGS.

SECTION 2

- PHASE 1 MILL THE EASTBOUND AND WESTBOUND LANES ON U.S. ROUTE 20.
- PHASE 2 CONSTRUCT THE OUTSIDE WEST BOUND LANE OF PAVEMENT ON US 20. MAINTAIN ONE LANE OF TRAFFIC WEST BOUND AND TWO LANES EAST BOUND. CONSTRUCT PROPOSED STORM SEWER FROM STA. 166+75 TO STA. 172+56 ALONG THE LEFT SIDE OF THE ROADWAY. CONSTRUCT STORM CROSSOVERS AND UTILITY SERVICE CONNECTION TO THE SOUTH AS REQUIRED TO THE APPROXIMATE CENTERLINE OF CONSTRUCTION.
- PHASE 3 CONSTRUCT THE OUTSIDE EAST BOUND LANE OF PAVEMENT ON US 20. MAINTAIN ONE LANE OF TRAFFIC EAST BOUND AND TWO LANES WEST BOUND. CONSTRUCT RELOCATED LANE ROAD AS PER PHASE CONSTRUCTION DETAILS. CONSTRUCT PROPOSED STORM SEWER FROM STA. 17+30 TO STA. 19+08 ALONG THE NORTH BOUND LANE OF RELOCATED LANE ROAD. COMPLETE CONSTRUCTION OF STORM SEWER CROSSOVERS AND UTILITY SERVICE CONNECTION TO THE NORTH AS REQUIRED. CONSTRUCT PROPOSED STORM SEWER FROM STA. 174+30 TO STA. 180+35 ALONG THE RIGHT SIDE OF THE ROADWAY.
- PHASE 4 COMPLETE INTERMEDIATE COURSE PAVING, SURFACE COURSE PAVING, AND PERMANENT PAVEMENT MARKINGS.

SECTION 3

- PHASE 1 MILL THE EASTBOUND AND WESTBOUND LANES ON U.S. ROUTE 20.
- PHASE 2 CONSTRUCT THE OUTSIDE WEST BOUND LANE OF PAVEMENT ON US 20. MAINTAIN ONE LANE OF TRAFFIC WEST BOUND AND TWO LANES EAST BOUND. CONSTRUCT CENTER ROAD NORTH OF US 20 AS PER PHASE STA. 172+56 ALONG THE LEFT SIDE OF THE ROADWAY. CONSTRUCT STORM CONSTRUCTION DETAILS. CONSTRUCT PROPOSED STORM SEWER ALONG THE LEFT SIDE OF THE ROADWAY. CONSTRUCT STORM SEWER CROSSOVERS AND UTILITY SERVICE CONNECTIONS TO THE SOUTH AS REQUIRED TO THE APPROXIMATE CENTERLINE OF CONSTRUCTION.
- PHASE 3 CONSTRUCT THE OUTSIDE EAST BOUND LANE OF PAVEMENT ON US 20. MAINTAIN ONE LANE OF TRAFFIC EAST BOUND AND TWO LANES WEST BOUND. CONSTRUCT CENTER ROAD SOUTH OF US 20 BY UTILIZING DETOUR ROUTES. COMPLETE CONSTRUCTION OF THE STORM SEWER CROSSOVERS AND UTILITY SERVICE CONNECTION TO THE NORTH AS REQUIRED.
- PHASE 4 COMPLETE INTERMEDIATE COURSE PAVING, SURFACE COURSE PAVING, AND PERMANENT PAVEMENT MARKINGS.

SECTION 4

- PHASE 1 MILL THE EASTBOUND AND WESTBOUND LANES ON U.S. ROUTE 20.
- PHASE 2 CONSTRUCT THE OUTSIDE WEST BOUND LANE OF PAVEMENT ON US 20. MAINTAIN ONE LANE OF TRAFFIC WEST BOUND AND TWO LANES EAST BOUND. CONSTRUCT TOWNLINE ROAD NORTH OF US 20 AS PER PHASE CONSTRUCTION DETAILS. CONSTRUCT STORM SEWER CROSSOVERS AND UTILITY SERVICE CONNECTIONS TO THE SOUTH AS REQUIRED TO THE APPROXIMATE CENTERLINE OF CONSTRUCTION.
- PHASE 3 CONSTRUCT THE OUTSIDE EAST BOUND LANE OF PAVEMENT ON US 20. MAINTAIN ONE LANE OF TRAFFIC EAST BOUND AND TWO LANES WEST BOUND. CONSTRUCT TOWNLINE ROAD SOUTH OF US 20 AS PER PHASE CONSTRUCTION DETAILS. COMPLETE CONSTRUCTION OF STORM SEWER CROSSOVERS AND UTILITY SERVICE CONNECTION TO THE NORTH AS REQUIRED.
- PHASE 4 COMPLETE INTERMEDIATE COURSE PAVING, SURFACE COURSE PAVING, AND PERMANENT PAVEMENT MARKINGS.

SECTION 5

- PHASE 1 MILL THE EASTBOUND AND WESTBOUND LANES ON U.S. ROUTE 20.
- PHASE 2 CONSTRUCT THE OUTSIDE EAST BOUND LANE OF PAVEMENT ON US 20. MAINTAIN ONE LANE OF TRAFFIC EAST BOUND AND TWO LANES WEST BOUND. CONSTRUCT STORM SEWER CROSSOVERS AND UTILITY SERVICE CONNECTION TO THE NORTH AS REQUIRED TO THE APPROXIMATE CENTERLINE OF CONSTRUCTION.
- PHASE 3 CONSTRUCT THE OUTSIDE WEST BOUND LANE OF PAVEMENT ON US 20. MAINTAIN ONE LANE OF TRAFFIC WEST BOUND AND TWO LANES EAST BOUND. CONSTRUCT GREEN ROAD NORTH OF US 20 AS PER PHASE CONSTRUCTION DETAILS. CONSTRUCT PROPOSED STORM SEWER CROSSOVERS AND UTILITY SERVICE CONNECTIONS TO THE SOUTH AS REQUIRED.
- PHASE 4 COMPLETE INTERMEDIATE COURSE PAVING, SURFACE COURSE PAVING, AND PERMANENT PAVEMENT MARKINGS.

TIME OF COMPLETION

WHEN HECKATHORN DRIVE, LEE ROAD AND CENTER ROAD SOUTH OF US 20 ARE CONSTRUCTED THE CONTRACTOR SHALL BE ALLOWED TO CLOSE THE ROAD INVOLVED UTILIZING THE DETOUR ROUTES INDICATED, FOR A PERIOD NOT TO EXCEED 30 CONSECUTIVE CALENDAR DAYS. LIQUIDATED DAMAGES SHALL BE ASSESSED IN THE AMOUNT OF \$1000.00 PER DAY FOR EACH CALENDAR DAY THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMITS.

CALCULATED
BLB
CHECKED
WDB

MAINTENANCE OF TRAFFIC GENERAL NOTES

LAK - 20 - 18.72