

CONTINGENCY ITEMS

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE FOR USE "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED AT THE ENGINEER'S DISCRETION SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

MANHOLES OR CATCH BASINS RECONSTRUCTED TO GRADE, AS PER PLAN

THE CONTRACTOR AND THE PROJECT ENGINEER SHALL FIELD CHECK ALL EXISTING MANHOLES AND CATCH BASINS LOCATED WITHIN THE PROJECT LIMITS. MANHOLES AND CATCH BASINS THAT EXHIBIT SUBSTANTIAL DETERIORATION SHALL, AT THE DIRECTION OF THE ENGINEER, BE RECONSTRUCTED TO GRADE. LIMITS OF RECONSTRUCTION SHALL BE PAID FOR BY THE VERTICAL FOOT, AS DIRECTED BY THE ENGINEER. ADJUSTING RINGS SHALL NOT BE AN ACCEPTABLE MEANS OF ADJUSTING CASTINGS. BRICK USED FOR RECONSTRUCTION SHALL BE CLAY OR SHALE BRICK MEETING THE REQUIREMENTS OF ASTM C32 SEWER BRICK GRADE SM. CONCRETE BRICK OR MASONRY BLOCK SHALL NOT BE USED. THE CONTRACTOR SHALL INCLUDE THE COST OF EXCAVATION, GRANULAR BACKFILL AND PAVEMENT REMOVAL AND REPLACEMENT IN KIND AROUND THE MANHOLES AND CATCH BASINS IN THE PRICE BID PER VERTICAL FOOT OF RECONSTRUCTION.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED AS CONTINGENCY ITEMS FOR USE AS DIRECTED BY THE ENGINEER:

- ITEM 604 - MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN 25 VERT. FT.
- ITEM 604 - CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN 25 VERT. FT.

MANHOLES AND CATCH BASINS ADJUSTED TO GRADE, AS PER PLAN

THIS ITEM IS INTENDED FOR USE WHERE, AS DETERMINED BY THE ENGINEER, MANHOLE OR CATCH BASIN CASTINGS NEED TO BE ADJUSTED TO GRADE. ADJUSTMENTS ARE NOT TO EXCEED SIX INCHES (6") VERTICALLY IN EITHER DIRECTION. THE CONTRACTOR SHALL INCLUDE THE COST OF EXCAVATION, GRANULAR BACKFILL AND PAVEMENT REMOVAL AND REPLACEMENT IN KIND WHERE NEEDED AROUND THE MANHOLES AND CATCH BASINS IN THE UNIT BID PRICE.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED AS CONTINGENCY ITEMS FOR USE AS DIRECTED BY THE ENGINEER:

- ITEM 604 - MANHOLE ADJUSTED TO GRADE, AS PER PLAN 45 EACH
- ITEM 604 - CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN 20 EACH

ITEM 202- PAVEMENT REMOVED

THE CONTRACTOR SHALL INCLUDE THE COST OF FULL DEPTH DIAMOND BLADE SAW CUTTING IN THE UNIT BID PRICE FOR ITEM 202 - PAVEMENT REMOVED.

PAVEMENT REPAIR ITEMS

PAVEMENT REPAIR ITEMS HAVE BEEN INCLUDED IN THE PLANS FOR AREAS OF EXISTING PAVEMENT THAT, AS DETERMINED BY THE ENGINEER, NEED TO BE REPLACED PRIOR TO BEGINNING ASPHALT OVERLAY OPERATIONS. THE AREAS TO BE REPAIRED SHALL BE MARKED IN THE FIELD BY THE ENGINEER. THE COST OF FULL DEPTH PAVEMENT SAWING SHALL BE INCLUDED IN THE UNIT BID PRICES FOR ITEMS 253 AND 255.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED AS CONTINGENCY ITEMS FOR USE AS DIRECTED BY THE ENGINEER:

- ITEM 253 - PAVEMENT REPAIR 1200 S.Y.
- ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT 800 S.Y. (CLASS FS PER 499.032)

EROSION CONTROL

SILT FENCE EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED ADJACENT TO ALL NEW AND EXISTING DITCH INLET BASINS. RESTORATION SHALL CLOSELY FOLLOW THE STORM SEWER CONSTRUCTION.

PAVEMENT CUTTING

ALL PAVEMENT CUTTING REQUIRED FOR THE PROPOSED IMPROVEMENTS SHALL BE CLOSELY FOLLOWED BY THE INSTALLATION OF THE STORM SEWER IMPROVEMENTS. THE CONTRACTOR'S CONSTRUCTION SCHEDULE SHALL IDENTIFY THE INTENDED SCHEDULE FOR PAVEMENT CUTTING AND SUBSEQUENT STORM SEWER INSTALLATION FOR ALL SECTIONS OF THE PROJECT. APPROVAL OF THIS PORTION AND THE OVERALL CONSTRUCTION SCHEDULE BY THE ENGINEER IS REQUIRED PRIOR TO THE START OF ANY WORK.

TEMPORARY PAVEMENT MARKINGS

THE ROADWAY SHALL NOT BE OPENED TO TRAFFIC UNTIL EITHER THE PERMANENT OR TEMPORARY PAVEMENT MARKINGS ARE IN PLACE. THE FOLLOWING TEMPORARY PAVEMENT MARKINGS HAVE BEEN PROVIDED FOR USE AS DIRECTED BY THE ENGINEER FOR PLACEMENT ON THE INTERMEDIATE ASPHALT COURSE IF NEEDED:

- ITEM 614 - TEMPORARY CENTERLINE (DOUBLE, SOLID), CLASS 1, 642 PAINT 0.5 MILES
- ITEM 614 - TEMPORARY CENTERLINE (DOUBLE, BROKEN) CLASS 1, 642 PAINT 0.3 MILES
- ITEM 614 - TEMPORARY LANE LINE, CLASS 1, 642 PAINT 1.0 MILES
- ITEM 614 - TEMPORARY STOP LINE, CLASS 1, 642 PAINT 850 L.F.
- ITEM 614 - TEMPORARY CHANNELIZING LINE, CLASS 1, 642 PAINT 3720 L.F.
- ITEM 614 - TEMPORARY DOTTED LINE, CLASS 1, 642 PAINT 770 L.F.

MAINTENANCE OF TRAFFIC NOTES

ITEM 614 - MAINTAINING TRAFFIC

ALL CONSTRUCTION TRAFFIC CONTROL DEVICES USED FOR THIS PROJECT SHALL CONFORM TO THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, HEREINAFTER REFERRED TO AS THE MANUAL, AND SHALL BE FURNISHED, ERECTED, MAINTAINED, RELOCATED AND REMOVED BY THE CONTRACTOR.

THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY SAFEGUARDS, SUCH AS BARRICADES, LIGHTING, FLAGGERS, PLASTIC DRUMS, FLASHING ARROW PANELS AND SUCH OTHER TRAFFIC CONTROL DEVICES AS PROVIDED IN ITEM 614, MAINTAINING TRAFFIC, SO AS TO AVOID DAMAGE AND/OR INJURY TO VEHICLES AND PERSONS USING THE ROADWAY DURING CONSTRUCTION. WHENEVER THE ENGINEER DEEMS IT NECESSARY, HE MAY DIRECT THAT ADDITIONAL OR ALTERNATIVE DEVICES BE USED. ALSO, THE CONTRACTOR SHALL PROVIDE SUFFICIENT ADDITIONAL BARRICADES, ETC. TO PROTECT THE FRESH PAVEMENT DURING THE CURING PERIOD FROM VEHICLES WHICH MAY DRIVE AROUND OR THROUGH THE TRAFFIC CONTROL.

TRAFFIC CONTROL DEVICES SHALL BE SET UP PRIOR TO THE START OF CONSTRUCTION AND SHALL BE PROPERLY MAINTAINED DURING THE TIME SUCH SPECIAL CONDITIONS EXIST. THEY SHALL REMAIN IN PLACE ONLY AS LONG AS THEY ARE NEEDED AND SHALL BE IMMEDIATELY REMOVED THEREAFTER. WHERE OPERATIONS ARE PERFORMED IN PHASES, THERE SHALL BE IN PLACE ONLY THOSE DEVICES THAT APPLY TO THE CONDITION PRESENT DURING THE PHASE-IN PROGRESS. ALL SIGNS WITH MESSAGES WHICH DO NOT APPLY DURING A CERTAIN PERIOD SHALL BE COVERED OR SET ASIDE OUT OF THE VIEW OF TRAFFIC. CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED IN ACCORDANCE WITH SECTION 641.134 OF THE OHIO SPECIFICATIONS BEFORE ANY SECTION OF ROADWAY IS MADE AVAILABLE TO USE BY TRAFFIC.

ALL PERMANENT AND TEMPORARY PAVEMENT MARKINGS ARE TO BE MAINTAINED THROUGHOUT THE PROJECT. ANY DAMAGED OR FADED PAVEMENT MARKINGS SHALL BE CORRECTED WITHIN EIGHT HOURS AFTER THE CONTRACTOR'S NOTIFICATION OF THE PROBLEM. IF WEATHER IS NOT CONDUSIVE TO PAVEMENT MARKING INSTALLATION THEN REPAIRS SHALL BE MADE ON THE FIRST WEATHER PERMISSIVE DAY AFTER NOTIFICATION.

ALL EXISTING LANES SHALL BE OPENED AND MAINTAINED DURING NON-WORKING HOURS. STEEL PLATES SHALL BE USED TO PROTECT FRESH PAVEMENT IN STORM SEWER REPLACEMENT AREAS.

NO STOPPAGE OF TRAFFIC, ESTABLISHMENT OF LANE RESTRICTIONS OR CHANGE OF TRAFFIC PATTERNS SHALL OCCUR WITHOUT CITY OF MENTOR LAW ENFORCEMENT OFFICER(S) WITH PATROL CAR(S) AT EACH LOCATION TO DIRECT TRAFFIC UNLESS OTHERWISE APPROVED BY THE ENGINEER.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 614 APPLICABLE SECTIONS OF THE SPECIFICATIONS AS WELL AS THE MANUAL. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS OTHERWISE SEPARATELY ITEMIZED IN THE PLANS.

WORK HOURS

NO WORK BETWEEN THE HOURS OF 9:00 P.M. TO 7:00 A.M. SHALL BE PERMITTED UNLESS OTHERWISE SPECIFICALLY APPROVED BY THE ENGINEER, EXCEPT FOR THE CONSTRUCTION OF THE STORM SEWER CROSS-OVERS. (SEE STORM SEWER CROSS-OVER INSTALLATION NOTE, THIS SHEET)

SCHEDULE OF CONSTRUCTION OPERATIONS

THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A COMPLETE SCHEDULE OF CONSTRUCTION OPERATIONS ALONG WITH PLANS DETAILING TRAFFIC CONTROL FOR EACH PHASE OF CONSTRUCTION AND PROPOSED METHODS TO MAINTAIN ACCESS TO ALL ADJOINING PROPERTIES. THESE PLANS SHALL SHOW ALL SAFETY EQUIPMENT THE CONTRACTOR PLANS TO UTILIZE, ALONG WITH LANE AND/OR ROADWAY CLOSURES OR DIVERSIONS THAT MAY BE REQUIRED TO PROVIDE THIS PROTECTION. THESE PLANS MUST BE SUBMITTED AND APPROVED PRIOR TO COMMENCING ANY WORK. NO WORK SHALL BE STARTED WITHOUT PRIOR APPROVAL OF THE ENGINEER.

SHOULD ANY OF THE CONTRACTOR'S PLANS FOR PUBLIC PROTECTION BE DEEMED INADEQUATE BY THE ENGINEER, ADDITIONAL CLOSURES AND/OR DIVERSIONS WILL BE REQUIRED AT NO COST TO THE CITY.

ADVANCE WARNING SIGNS

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

STORM SEWER CROSS-OVER INSTALLATION

DURING THE CONSTRUCTION OF THE STORM SEWER CROSS-OVERS, TWO-WAY TRAFFIC SHALL BE MAINTAINED ON ONE LANE OF PAVEMENT BY USE OF FLAGGER OPERATION. WITHIN THE FOLLOWING TIME LIMITATIONS:

STORM SEWER CROSS-OVER CONSTRUCTION SHALL BE PERMITTED ONLY BETWEEN THE HOURS OF 7:00 PM AND 11:00 PM UNLESS OTHERWISE SPECIFICALLY APPROVED BY THE ENGINEER.

CONSTRUCTION OF STORM SEWER CROSS-OVERS SHALL BE DONE AT ONE LOCATION AT A TIME IN ORDER TO LIMIT THE INCONVENIENCE TO THE VEHICULAR TRAFFIC, UNLESS OTHERWISE APPROVED BY THE ENGINEER. STEEL PLATES SHALL BE USED TO PROTECT OPEN TRENCHES AND FRESH PAVEMENT.

SIDE STREET CLOSURE LIMITATION

CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC ON ALL INTERSECTING SIDE STREETS EXCEPT FOR MANSION BOULEVARD, WHICH WILL REQUIRE A ROAD CLOSURE. ONCE THE PROPER TRAFFIC CONTROL DEVICES ARE IN PLACE AND APPROVED BY THE ENGINEER, MANSION BOULEVARD MAY BE CLOSED TO TRAFFIC FOR A PERIOD NOT TO EXCEED FOURTEEN (14) CONSECUTIVE CALENDER DAYS, WHEN TRAFFIC MAY BE DETOURED.

CONSTRUCTION AT THE MENTOR HIGH SCHOOL ENTRANCE SHALL NOT BEGIN UNTIL AFTER THE CLOSE OF THE SCHOOL YEAR (APPROX. JUNE 7, 2000), UNLESS OTHERWISE APPROVED BY THE ENGINEER.

FAILURE TO COMPLY

FOR 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 SAFETY AND CONVENIENT USE BY THE TRAVELLING 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 TRAVELLING PUBLIC SHALL BE CONSIDERED A BREACH OF THIS CONTRACT. WORK SHALL BE SUSPENDED UNTIL THE CONTRACTOR COMPLIES WITH THE PROVISIONS OF THE AFOREMENTIONED ITEMS.

NOTIFICATION

THE CITY OF MENTOR POLICE, FIRE, PUBLIC WORKS DEPARTMENTS, CITY ENGINEER AND THE MENTOR EXEMPTED VILLAGE BOARD OF EDUCATION SHALL BE NOTIFIED AT LEAST ONE (1) WEEK PRIOR TO THE ACTUAL START OF CONSTRUCTION.

CITY OF MENTOR POLICE DEPARTMENT:
RICHARD A AMIOTT, CHIEF 974-5760

CITY OF MENTOR FIRE DEPARTMENT
JOHN D. PREUER, CHIEF 974-5765

CITY OF MENTOR ENGINEER
JOHN W. KONRAD, P.E. 974-5785

CITY OF MENTOR DEPARTMENT OF PUBLIC WORKS
MATTHEW SCHWEIKERT, DIRECTOR 974-5780

MENTOR EXEMPTED VILLAGE BOARD OF EDUCATION
DIRECTOR OF TRANSPORTATION 255-4444

MATERIALS FOR MAINTAINING TRAFFIC

SIGNS

SIGN DIMENSION AND SPECIFICATIONS, INCLUDING LETTER SIZES, SHALL BE AS PROVIDED IN THE MANUAL OR SIGN DESIGN DRAWINGS PROVIDED IN THESE PLANS. THE SIGNS SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER PRIOR TO THE START OF THE PROJECT. ALL COST FOR INSTALLING, MAINTAINING AND SUBSEQUENT REMOVAL OF SAID SIGNS SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614 - MAINTAINING TRAFFIC.

SIGN SUPPORTS

SIGN SUPPORTS SHALL BE OF SUFFICIENT SIZES AND HEIGHT TO SUPPORT THE SIGNS AT THE HEIGHT INDICATED IN THE MANUAL. SUPPORTS SHALL ALSO BE ADEQUATE IN MASS AND STABILITY TO PREVENT SIGNS FROM BEING BLOWN OVER BY WIND OR VEHICULAR-GENERATED AIR TURBULENCE. ALL COSTS FOR INSTALLING, MAINTAINING AND SUBSEQUENT REMOVAL OF SAID SIGNS SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614 - MAINTAINING TRAFFIC.

RELOCATION OF EXISTING GROUND MOUNTED AND/OR POLE MOUNTED TRAFFIC SIGNS

ALL EXISTING GROUND MOUNTED AND/OR POLE MOUNTED TRAFFIC SIGNS SHALL BE REMOVED AND RELOCATED AT THEIR EXISTING LOCATION WITH APPROPRIATE OFFSET FROM THE EDGE OF THE NEW PAVEMENT AND IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND ODOT ITEM 603, UNLESS DIRECTED OTHERWISE BY THE ENGINEER, DESIGNATED OR DETAILED ON THE PLANS. THE EXISTING GUIDE SIGN ASSEMBLYS AND GROUND POSTS SHALL BE CAREFULLY REMOVED AND STORED FOR REUSE. THE EXISTING TRAFFIC CONTROL SIGN ASSEMBLYS AND BROUND POSTS SHALL BE RELOCATED AS REQUIRED AND MAINTAINED THROUGHOUT THE CONSTRUCTION OF THE PROJECT. ANY UNSALVAGEABLE MATERIALS AS DETERMINED BY THE ENGINEER SAHLL BE DISPOSED OF AND REPLACED WITH MATERIALS MEETING THE REQUIREMENTS OF ODOT ITEM 630.

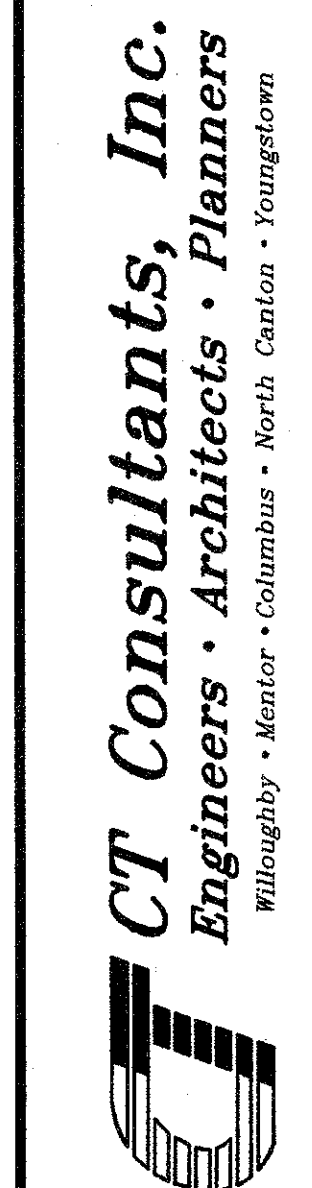
THE ABOVE WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND PAYMENT FOR ALL LABOR, MATERIALS AND EQUIPMENT TO PROPERLY REMOVE AND RELOCATE THE EXISTING GROUND MOUNTED AND POLE MOUNTED TRAFFIC SIGNS AND SHALL BE INCLUDED IN THE UNIT PRICES BID FOR OTHER ITEMS.

DRAINAGE OF ROADWAY AREA DURING CONSTRUCTION

THE CONTRACTOR SHALL BE REQUIRED DURING THE COURSE OF HIS WORK WITHIN AND ADJACENT TO THE EXISTING AND PROPOSED PAVEMENT AREAS TO MAINTAIN THE ROADWAY AREA IN SUCH CONDITION THAT IT WILL BE WELL DRAINED AND KEPT DRY AT ALL TIMES. THE SURFACE OF THE PAVEMENT SUBGRADE AND THE GROUND SURFACE ABOVE THE FINAL PAVEMENT SUBGRADE PRIOR TO EXCAVATING SHALL BE MAINTAINED IN A SMOOTH CONDITION TO PREVENT PONDING OF WATER AFTER RAINS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE THOROUGH DRAINAGE OF THE SUBGRADE SURFACE AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ADDITIONAL COSTS REQUIRED TO CORRECT POOR SUBGRADE CONDITIONS DUE TO HIS NEGLIGENCE IN PROPERLY MAINTAINING SUBGRADE DRAINAGE.

**CENTER STREET (STATE ROUTE 615)
ROADWAY IMPROVEMENTS**

GENERAL NOTES



DATE:	AUGUST, 1999
DRAWN BY:	J.J.C.
CHECKED BY:	C.C.H.
APPROVED BY:	
SCALE:	
HOR.:	1" = 20'
VERT.:	-
CONTRACT NO.:	98387
SHEET NO.:	3
OF:	103

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