F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0306	*	WILL	118	2
FHWA REGION NO.		ILLINOIS	PROJECT M-8003(200)	

* 01-00029-00-FP

CONTRACT NO. 83825

GENERAL

1. ALL UNDERGROUND UTILITY LOCATIONS, INCLUDING SANITARY SEWERS, STORM SEWERS, WATER MAINS, AND THEIR SERVICE LINES, SHOWN ON THE PLANS ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE RESPECTIVE UTILITY COMPANIES FIELD-LOCATE ALL UTILITIES, ASCERTAIN THEIR STATUS AND ADJUST OR RELOCATE THESE UTILITIES, AS NECESSARY, PRIOR TO STARTING CONSTRUCTION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. THE CONTRACTOR SHALL NOTIFY ALL PUBLIC AND PRIVATE UTILITIES BEFORE STARTING CONSTRUCTION, INCLUDING, BUT NOT LIMITED TO:

   A. NICOR GAS COMPANY
      P.O. BOX 190
      AURORA, IL 60507-0190
      1-630-983-8676

   B. COMMONWEALTH EDISON COMPANY
      1910 S. BRIGGS STREET
      JOLIET, IL 60433

   C. SBC
      2427 UNION AVE., FLOOR 2
      BLUE ISLAND, IL 60406
      (708) 396-7628

   D. COMCAST
      688 INDUSTRIAL DRIVE
      ELMHURST, IL 60126
      (630) 600-6346

   E. VILLAGE OF MOKENA
      PUBLIC WORKS DEPARTMENT
      11004 CARPENTER STREET
      MOKENA, IL 60448
      (708) 479-3927

2. THE CONTRACTOR SHALL COORDINATE CHANGES TO POSTAL DELIVERY WITHIN THE PROJECT LIMITS CAUSED BY CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL NOTIFY THE PARTY GIVEN BELOW AT LEAST FIVE (5) BUSINESS DAYS BEFORE SERVICE INTERRUPTIONS WILL OCCUR. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION.

   U.S. POSTAL SERVICE
   21201 S. ELSNER RD.
   FRANKFORT, ILLINOIS 60423
   CONTACT: POSTMASTER 815-409-5786

3. THE DIMENSIONS AND LOCATIONS OF UTILITY FACILITIES AS SHOWN ON THESE PLANS ARE AN ESTIMATE FOR DESIGN PURPOSE ONLY AND ARE NOT INTENDED FOR USE AS FIELD LOCATIONS FOR CONSTRUCTION. BEFORE BEGINNING ANY DIGGING OR EXCAVATION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT J.U.L.I.E. AT (800) 892-0123 TO VERIFY UTILITY LOCATIONS. 48 HOUR ADVANCE NOTIFICATION IS REQUIRED.

4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN SATISFACTORY DRAINAGE WITHIN THE PROJECT SITE AND THOSE AREAS THAT PRESENTLY DRAIN THROUGH THE PROJECT SITE AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE TO CLEAN ALL DEBRIS ACCUMULATED DURING CONSTRUCTION OPERATIONS AT THE END OF EACH WORKING DAY. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS, HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. PRIVATE DRAINS RECEIVED BY THE EXISTING DRAINAGE SYSTEM SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM. THE COST OF PROVIDING, INSTALLING AND MAINTAINING THESE MEASURES SHALL BE INCLUDED IN THE COST OF PAY ITEMS ASSOCIATED WITH THE PROPOSED STORM SEWER SYSTEM.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER. THIS WORK SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.

6. PROCUREMENT OF ALL NECESSARY PERMITS, AND PAYMENT THEREOF, SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

7. ALL MATERIAL SHALL BE MANUFACTURED IN THE UNITED STATES OF AMERICA UNLESS OTHERWISE STATED IN THE PLANS. A LETTER OF CERTIFICATION OF THE COUNTRY OF ORIGIN WILL BE PROVIDED IF REQUESTED BY THE VILLAGE.

8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THIS PROJECT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR FAILURE TO VERIFY EXISTING DIMENSIONS OR CONDITIONS.

9. THE CONTRACTOR SHALL LIMIT HIS CONSTRUCTION ACTIVITIES TO THE WORK AREAS DESIGNATED ON THE PLANS. ANY DAMAGE TO AREAS OUTSIDE OF THESE LIMITS SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.

10. THE CONTRACTOR SHALL OBTAIN AUTHORIZATION FROM THE ENGINEER BEFORE BEGINNING WORK ON ANY STREET.

11. THE CONTRACTOR AT HIS OWN EXPENSE SHALL BE REQUIRED TO RELOCATE ALL ROAD SIGNS WHICH INTERFERE WITH HIS CONSTRUCTION OPERATIONS AND TO TEMPORARILY RESET SUCH SIGNS DURING HIS CONSTRUCTION OPERATIONS. ALL WORK INVOLVING SIGNS SHALL BE COVERED BY THE FOLLOWING REQUIREMENTS:

    A. SIGNS SHALL NOT BE REMOVED UNTIL PROGRESS OF WORK NECESSITATES REMOVAL

    B. EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER VISIBLE TO TRAFFIC ON THE HIGHWAY. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND NEAT APPEARING FOR THE DURATION OF THE TEMPORARY SETTING.

    C. ALL SIGNS MUST BE RE-ERECTED IN THEIR PERMANENT LOCATIONS AS DESIGNATED BY THE ENGINEER AS THE ROADWAY IS COMPLETED.

    D. ALL SIGNS NOT REQUIRED FOR REUSE AFTER CONSTRUCTION IS COMPLETED SHALL REMAIN THE PROPERTY OF THE VILLAGE. THE CONTRACTOR SHALL BE REQUIRED TO STORE THEM AT THE JOB SITE FOR PICKUP BY THE VILLAGE.

    E. ANY SIGN OR SIGN POST DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT HIS OWN EXPENSE. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A LIST OF ALL EXISTING DAMAGED SIGNS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

    F. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER AN INVENTORY OF ALL SIGNS MOVED DURING CONSTRUCTION.

12. THE COST OF THE REMOVAL OF ANY EXISTING POLES, POSTS, TREE STUMPS (WITH A DIAMETER LESS THAN 6 INCHES) OR OTHER OBSTRUCTIONS WHICH INTERFERE WITH THE PROPOSED IMPROVEMENTS AND WHICH ARE NOT TO BE REMOVED AS A SEPARATE PAY ITEM SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

13. THE CONTRACTOR SHALL PLACE WARNING SIGNS PRIOR TO PLACEMENT OF PRIME COAT AND COMMENCEMENT OF PAVING OPERATIONS OR AS DIRECTED BE THE ENGINEER. THIS WORK SHALL NOT BE A SEPARATE PAY ITEM, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

14. FULL-DEPTH SAWCUTS SHALL BE MADE AS DIRECTED BY THE ENGINEER TO REMOVE THE EXISTING PAVEMENT, CURB AND GUTTER, DRIVEWAYS AND SIDEWALK. THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE FOR THE ITEM BEING REMOVED.

15. THE PROPOSED COMBINATION CONCRETE CURB AND GUTTER SHALL BE DEPRESSED ACROSS ALL DRIVEWAYS, HANDICAPPED RAMPS AND/OR AS DIRECTED BY THE ENGINEER. HANDICAPPED RAMPS SHALL BE PROVIDED AT ALL CROSS WALK LOCATIONS, AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS.

16. ALL DIMENSIONS SHOWN ARE FROM THE EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN. ALL RADII SHOWN ARE FROM THE EDGE OF PAVEMENT.

17. ALL PARKWAYS DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE PROPERLY GRADED AND RECEIVE FOUR INCHES OF TOPSOIL AND SODDING.

18. POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED AT THE LOCATIONS INDICATED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGE WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH IDOT SUBGRADE MANUAL). IF UNSTABLE SOILS ARE ENCOUNTERED, THE SOILS SHALL BE REMOVED AND REPLACED WITH PGE. IF UNSTABLE SOIL IS NOT ENCOUNTERED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.

UTILITIES GENERAL

1. FRAMES AND LIDS/GRATES ON ALL NEW STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE COST.

2. THE CONTRACTOR AT HIS EXPENSE WILL REPLACE ALL FRAMES AND GRATES THAT HE DAMAGES DURING CONSTRUCTION.

3. ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLE, CATCH BASIN, INLET, VALVE VAULT OR METER VALVE VAULT SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: ALL LIDS TO BE USED ON STORM SEWER STRUCTURES SHALL BEAR THE WORD "MOKENA STORM"; ALL LIDS TO BE USED ON SANITARY SEWER STRUCTURES SHALL BEAR THE WORD "MOKENA SANITARY"; AND LIDS TO BE USED ON WATER SYSTEM STRUCTURES SHALL BEAR THE WORD "MOKENA WATER".

4. FRAMES, LIDS AND GRATES OF EXISTING CATCH BASINS, INLETS, MANHOLES AND VALVE VAULTS WHICH ARE TO BE ABANDONED OR REPLACED IN THIS PROJECT SHALL BE SALVAGED AND REMAIN THE PROPERTY OF THE VILLAGE OF MOKENA. THE CONTRACTOR SHALL DELIVER THESE CASTINGS TO A FACILITY DESIGNATED BY THE VILLAGE.

5. EXPENSE INVOLVED IN CONNECTING PROPOSED SEWERS TO EXISTING SEWERS OR PROPOSED SEWERS TO EXISTING SEWER STRUCTURES OR PROPOSED SEWER STRUCTURES TO EXISTING SEWERS WITH A CONCRETE COLLAR OR AS SPECIFIED BY THE ENGINEER SHALL BE CONSIDERED INCIDENTAL TO THE ITEM BEING CONNECTED.

6. ALL UTILITY STRUCTURES SHALL BE PRECAST REINFORCED CONCRETE ONLY.

7. ALL UTILITY STRUCTURES SHALL BE SET ON A SIX INCH (6") CA-7 CUSHION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE UTILITY STRUCTURE.

8. ALL UTILITY STRUCTURES SHALL HAVE NO MORE THAN TWO ADJUSTING RINGS WITHIN A MINIMUM OF FOUR INCHES (4") AND A MAXIMUM OF TWELVE INCHES (12") OF ADJUSTING RINGS.

9. OFFSETS TO STRUCTURES ARE FROM THE CENTERLINE TO THE EDGE OF PAVEMENT. OFFSETS TO STRUCTURES NOT LOCATED ALONG THE EDGE OF PAVEMENT ARE FROM THE SURVEY BASELINE TO CENTER OF STRUCTURE.

10. ALL PIPE SLOPES ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. LENGTH OF PIPE WILL BE MEASURED PER ARTICLE 550.08.

11. ALL SEWERS TO BE ABANDONED SHALL BE PLUGGED. PLUGGING SHALL BE INCLUDED IN THE COST OF PERTINENT REMOVAL WORK.

12. THE REMOVAL OF EXISTING END SECTIONS SHALL BE PAID FOR AS PIPE CULVERT REMOVAL.

13. ALL STORM SEWER LIDS AND COVERS SHALL HAVE "DUMP NO WASTE DRAINS TO WATERWAYS" AND THE TROUT IMAGE CAST ON IT.

DRAINAGE

1. ALL STORM SEWER, CLASS A SHALL BE REINFORCED CONCRETE PIPE WITH O-RING JOINTS AND CONFORM TO THE IDOT STANDARD SPECIFICATIONS.

2. ALL STORM SEWER, CLASS A SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 550 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE CONCRETE SEWER PIPE SHALL BE SEALED WITH PREFORMED FLEXIBLE GASKETS CONFORMING TO SECTION 1056 OF THE STANDARD SPECIFICATIONS. MASTIC JOINT SEALER WILL NOT BE ALLOWED.

3. ALL CASTINGS SHALL BE SET ON A BITUMASTIC MATERIAL.

4. A HALF-TRAP WILL NOT BE REQUIRED FOR PROPOSED CATCH BASINS.

SANITARY SEWER

1. ALL SANITARY STRUCTURES SHALL HAVE AN EXTERNAL WRAP, MAC WRAP OR EQUAL.

2. ALL STRUCTURES SHALL HAVE FLEXIBLE GASKETED COUPLINGS A-LOK OR EQUAL.

3. ALL STRUCTURES SHALL HAVE PRECAST FILLETS.

4. SANITARY SEWER SHALL BE PVC SDR-35 FOR SEWER MAIN LESS THAN TEN FEET IN DEPTH, OTHERWISE SDR-26.

5. SERVICE LATERALS LESS THAN THREE FEET IN DEPTH SHALL BE PVC SDR-26 OR DUCTILE IRON CLASS 52, OTHERWISE PVC SDR-35.

6. THE SANITARY SEWER SHALL BE TESTED IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND SHALL INCLUDE DEFLECTION, INFILTRATION AND VIDEOTAPING. THESE TESTS ARE TO BE CONSIDERED INCIDENTAL TO THE CONTRACT.

PAVING

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL PAVEMENT OPENINGS, OPEN HOLES, EQUIPMENT AND RUBBLE LEFT IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL MAINTAIN HIGH VISIBILITY OF ALL TEMPORARY HAZARDS TO PEDESTRIANS AND MOTORISTS.

2. THE CONTRACTOR MAY BE REQUIRED TO PUT A GRADE BREAK IN THE SCREED AND ADJUST THE CONTROLS OF HIS PAVING MACHINE TO ALLOW THE REQUIRED THICKNESS OF ASPHALT OVER THE FULL PAVEMENT CROSS SECTION.

3. THE CONTRACTOR SHALL BE REQUIRED TO CLEAN EACH SUCCESSIVE NEW BITUMINOUS COURSE PRIOR TO PLACEMENT OF THE NEXT BITUMINOUS COURSE AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

4. THE CONTRACTOR SHALL PLACE "FRESH OIL" WARNING SIGNS PRIOR TO PLACEMENT OF PRIME COAT AND COMMENCEMENT OF PAVING OPERATIONS.

5. SURFACE COURSE WILL NOT BE PLACED UNTIL ALL BINDER COURSE HAS BEEN PLACED.

LANDSCAPING

1. PLACEMENT OF TOPSOIL SHALL BE WITHIN 10 DAYS AFTER THE COMPLETION OF CURB AND GUTTER, PAVING AND DRIVEWAY REPLACEMENT OPERATIONS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

2. SODDING SHALL BE PLACED EITHER PRIOR TO JUNE 15 OR AFTER SEPTEMBER 15.

WATER MAIN

1. THE CONTRACTOR SHALL COORDINATE ALL WORK ON WATERMAIN SYSTEMS WITH THE VILLAGE OF MOKENA. CONSTRUCTION SHALL BE STAGED TO MAINTAIN SERVICE TO ADJACENT PROPERTIES. TEMPORARY SYSTEM SHUT-DOWNS SHALL BE OF SHORT DURATION AND HAVE PRIOR WRITTEN APPROVAL FROM THE VILLAGE OF MOKENA OF THE TIME OF DAY AND DURATION.

2. NO DISCONNECTION FROM EXISTING OR CONNECTION TO PROPOSED IS TO BE PERFORMED UNTIL THE NEW WATERMAIN IS TESTED AND PLACED INTO SERVICE AND ALL WORK SHALL BE PERFORMED PRIOR TO ABANDONING THE EXISTING WATERMAIN. NOTIFICATION OF INTERRUPTION OF SERVICE SHALL BE MADE TO THOSE AFFECTED BY THE CONTRACTOR IN WRITING A MINIMUM OF 24 HOURS IN ADVANCE.

3. WATER MAIN SHALL BE DUCTILE IRON, CLASS 52, IN ACCORDANCE WITH AWWA LATEST STANDARDS. THE WATER MAIN SHALL BE BITUMINOUS COATED WITH A CEMENT LINING IN ACCORDANCE WITH AWWA LATEST STANDARDS.

4. JOINTS SHALL BE PUSH-ON IN ACCORDANCE WITH AWWA LATEST STANDARDS, EXCEPT GASKETS SHALL BE NEOPRENE OR OTHER SYNTHETIC RUBBER.

5. FITTINGS SHALL BE CEMENT LINED DUCTILE OR CAST IRON IN ACCORDANCE WITH AWWA LATEST STANDARDS RATED AT 350 PSI.

6. WATER MAIN SHALL BE POLYETHYLENE WRAPPED IN ACCORDANCE WITH AWWA LATEST STANDARDS.

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VILLAGE OF MOKENA
LAPORTE ROAD REHABILITATION

GENERAL NOTES

DESIGN: MRJ
DRAWN: JC
CHECKED: SNS

DATE: DEC. 2005
SCALE: NTS
FILE NO.: 3232

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PLOT DATE: FEB 07, 2006 - 4:03pm
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