- ALL REFERENCES TO 'ENGINEER' SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT THEM TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE. OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 100T AND THE CITY OF MARENGO AT (815) 363-2190 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE BUTT JOINT AND BITUMINOUS TAPER DETAILS SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 7. ALL ELEVATIONS SHOWN ON THE PLANS ARE ON THE NAVD88 DATUM.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. CURB AND GUTTER ELEVATIONS SHOWN ALONG RETURNS AND AT POINTS OF CURVATURE, ETC. ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- 10. OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
- 11. THE BITUMINOUS MATERIAL PRIME COAT QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.1 GALLONS / SO YD.
- 12. SAW CUTTING OF PAVEMENTS, SIDEWALK, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLIDED IN THE
- 13. DRIVEWAYS ARE TO BE CONSTRUCTED TO THE R.O.W. OR UNLESS OTHERWISE NOTED.
- 14. REMOVAL OF EXISTING COMBINATION CURB AND GUTTER, REGARDLESS OF CURB AND GUTTER TYPE, SHALL BE PAID FOR AS "COMBINATION CURB AND GUTTER REMOVAL".
- 15. THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE NOTED.
- 16. THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 17. THE RESIDENT ENGINEER SHALL CONTACT MR. DON CHIARUGI, THE AREA TRAFFIC FIELD ENGINEER, AT (847) 741-9857 AT LEAST TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 18. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKING ON ALL FINAL SURFACES. THE COST OF THE PAVEMENT MARKING TAPE TYPE III SHALL BE INCLUDED IN THE COST OF SHORT TERM PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKINGS.
- 19. 10 FEET TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER ITEMS OF WORK TO EXI STING CURBS AND GUTTERS AND CONDITIONS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK
- 20. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 21. THE CONTRACTOR SHALL PROVIDE NOTICE TO THE PUBLIC A MINIMUM OF 5 DAYS IN ADVANCE OF ANY WORK THAT REQUIRES THE CLOSURE OF LANE THROUGH THE USE OF A CHANGEABLE MESSAGE SIGN OR
- 22. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1.5 INCHES WHERE THE SPEED LIMIT IS 40 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF MILLING IS SLOPED A
- 23. LOCATIONS OF PAVEMENT PATCHING WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

### STORM SEWERS, WATER MAINS, AND UTILITIES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS, ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EVENING 3. CONTRACTOR'S EXPENSE.
- ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION. SEE SPECIAL PROVISIONS FOR NAMES AND NUMBERS OF CONTACTS.
- UNLESS OTHERWISE NOTED OFFSETS FOR DRAINAGE STRUCTURES LOCATED IN CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT AND OFFSETS FOR DRAINAGE STRUCTURES NOT LOCATED IN THE CURB AND GUTTER ARE TO THE CENTER OF THE STRUCTURE.

## GENERAL NOTES (CONT.)

- STORM SEWER LENGTHS ARE MEASURED FROM INSIDE EDGE OF STRUCTURE TO THE INSIDE EDGE OF STRUCTURE, THEN ADDING 0.5' TO EACH END OF PIPE. SLOPE OF PIPE IS CALCULATED BY DIVIDING THE DIFFERENCE IN ELEVATION BY THE PIPE LENGTH.
- THE PAY ITEM FOR STORM SEWER REMOVAL SHALL INCLUDE ANY TRENCH BACKFILL REQUIRED TO FILL AREA OF SEWER REMOVAL WHERE THERE IS NO REPLACEMENT. IF PROPOSED STORM SEWER IS REPLACED IN THE SAME TRENCH, THEN TRENCH BACKFILL SHALL BE PAID FOR SEPARATELY.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LIRE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN, IN AN OPERATING CONDITION, TEMPORARY OUTLETS AND CONNECTIONS FOR ALL DRAINS, SEWERS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES WHICH HAVE THE CAPACITY TO RECEIVE AND DISCHARGE THE STORM WATER FLOW RATES NORMALLY ACCEPTED AND RELEASED BY THE EXISTING DRAINAGE FACILITIES, THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE INST BIOL PRICES OF THE CONTRACT INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- 10. ALL FRAMES, GRATES, LIDS, AND BOXES SCHEDULED TO BE REMOVED FROM EXISTING STRUCTURES ALONG ILLINOIS ROUTE 176 AND U.S. ROUTE 20 SHALL REMAIN THE PROPERTY OF IDOT AND BE DELIVERED TO THE APPROPRIATE IDOT MAINTENANCE YARD, AS APPLICABLE. ALL FRAMES, GRATES, LIDS, AND BOXES SCHEDULED TO BE REMOVED FROM EXISTING STRUCTURES ALONG PROSPECT STREET SHALL REMAIN THE PROPERTY OF THE CITY AND DELIVERED TO 132 EAST PRAIRIE STREET, MARENGO, IL, AS APPLICABLE.
- ANY ITEMS DAMAGED DURING REMOVAL OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE. THE COST OF SALVAGING EXISTING FRAMES, GRATES, LIDS, OR BOXES AND/OR STOCKPILING THEM ON THE JOB SITE FOR DELIVERY TO THE CITY OF MARENGO OR IDOT, AS APPLICABLE SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL
- 12. ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THE CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLE, CATCH BASIN, INLET, VALVE VAULT OR METER 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 "STORM." ALL LIDS TO BE USED ON SANITARY SYSTEM STRUCTURES SHALL BEAR THE WORD "SANITARY." ANY ADDITIONAL COST FOR THIS REQUIREMENT WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE EDAMES AND CLOSED JOSEPP VIDEO OF THE FRAMES AND CLOSED LIDS PROVIDED.
- 13. FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE, ADJUSTMENT OR RECONSTRUCTION COST.
- THE THICKNESSES OF HOT MIX ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASES ON WHICH THE HOT MIX ASPHALT MIXTURES
- 15. ALL STORM SEWER SHALL BE REINFORCED CONCRETE PIPE WITH FLEXIBLE GASKET MEETING THE REQUIREMENTS OF ASTM C361. THIS ITEM WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE PRICE OF STORM SEWER.
- 16. WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION, NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- 17. CURB RAMPS SHALL BE INSTALLED AT ALL INTERSECTING STREETS AND DRIVEWAYS PER CURRENT IDOT STANDARDS AT LOCATIONS WHERE SIDEWALK IS SHOWN ON THE PLAN.
- 18. THE INDISCRIMINATE USE OF FIRE HYDRANTS OR EXISTING STREAMS, CREEKS, WETLANDS OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN HIS YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE ENGINEER PRIOR TO USE OF THE WATER.
- 19. ONLY PRECAST CONCRETE ADJUSTMENT RINGS, MAXIMUM OF 12" IN HEIGHT, WILL BE ALLOWED IN THE ADJUSTMENT OR RECONSTRUCTION OF CATCH BASIN, MANHOLE, INLET AND VALVE VAULT STRUCTURES. COMMON BRICK WILL NOT BE ALLOWED. THE RINGS SHALL BE INCLUDED IN THE COST OF WORK BEING

### BACKFILL

- STORM SEWER SHALL BE BACKFILLED IN ACCORDANCE WITH ARTICLE 550.07. METHOD 1 ONLY.
- PROVIDE TRENCH BACKFILL FOR ALL UTILITY LINES WITHIN 2' OF PAVED AREAS. ALL TRENCH BACKFILL QUANTITIES FOR STORM SEWER HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE, BASED ON PIPE SIZE AND INVERT DEPTH FROM SUBGRADE.
- COST OF ANY TRENCH BACKFILL REQUIRED IN EXCESS OF THE QUANTITY ESTABLISHED, INCLUDING BEDDING MATERIAL SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID.

## SIGNING AND STRIPING

- SEE IDOT STANDARD DETAIL 780001, DISTRICT ONE DETAILS (TC-13) AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.
- 2. SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.
- LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS. THIS WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 728 OF THE STANDARD SPECIFICATIONS.
- ALL SIGNS SHALL BE INSTALLED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. THIS WORK SHALL BE PAID FOR USING THE APPROPRIATE PAY ITEMS.

- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL SODDING IS PERFORMED.
- PROPERTIES AND CHANNELS ADJOINING THE SITE SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION.
- SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE.

# GENERAL NOTES (CONT.)

- ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
- IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE).
- ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE RECEPTACLES FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO THE CONSTRUCTION SITE, CHANNEL, WATERS OF THE UNITED STATES. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION SITE FREE OF CONSTRUCTION MATERIAL DEBRIS.
- ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN AN EFFECTIVE WORKING CONDITION.
- 10. PERMANENT EROSION CONTROL SHALL INCLUDE TOPSOIL FURNISH AND PLACE, 4' AND SODDING, SALT TOLERANT, TO BE PROVIDED IN ACCORDANCE WITH ARTICLE 252 OF THE STANDARD SPECIFICATIONS.
- 11. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN FOR THIS PROJECT.
- 12. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CREATE A PLAN TO STABILIZE FLOW LINES DURING STORM SEWER CONSTRUCTION WHEN RAIN IS FORECASTED. LACK OF AN APPROVED PLAN FROM THE RESIDENT ENGINEER OR FAILURE TO COMPLY WITH THE STABILIZED FLOW LINE PLAN WILL RESULT IN AN

### TRAFFIC CONTROL

SEE TRAFFIC CONTROL PLANS FOR GENERAL NOTES CONCERNING TRAFFIC CONTROL AND PROTECTION.

- SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS BEFORE REMOVAL OF ANY UNSTABLE MATERIAL.
- PRIOR TO ANY EMBANKMENT PLACEMENT, ALL VEGETATION AND UNSTABLE MATERIAL SHOULD BE REMOVED TO DEPTH ENCOUNTERED AND REPLACED WITH SUITABLE EMBANKMENT MATERIAL.
- THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-OUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

### LANDSCAPING

THE LOCATIONS OF PROPOSED TREES TO BE PLANTED ARE SHOWN ON THE PLANS. THESE LOCATIONS SHALL BE VERIFIED IN THE FIELD BY THE ENGINEER AND THE CITY.

SCALE: