878001-09 CONCRETE FOUNDATION DETAILS

886001-01 DETECTOR LOOP INSTALLATIONS

886001-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

B80006-01 TRAFFIC SIGNAL MOUNT DETAILS - POST & BRACKET MOUNT

BLR 21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR

CONSTRUCTION ON RURAL LOCAL HIGHWAYS

GENERAL NOTES

CONSTRUCTION METHODS AND MATERIALS FOR THE OFF-SITE ROAD CONSTRUCTION AND ASSOCIATED IMPROVEMENTS SHALL COMPLY WITH THE IDOT PERMIT AND THE JANUARY 1, 2012 EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", "HIGHWAY STANDARDS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", AND THE "SPECIAL PROVISIONS" INCLUDED IN THE BID DOCUMENTS. MANALANA MANAMANA

2. EXISTING STATE-OWNED AND MAINTAINED UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL NOTIFY THE DISTRICT OPERATIONS ENGINEER TWO WEEK'S PRIOR TO COMMENCING ANY EXCAVATION IN THE VICINITY OF THESE LINES. THE STATE WILL THEN LOCATE AND MARK THE HORIZONTAL LOCATIONS OF THE LINES AND PROVIDE ANY AVAILABLE INFORMATION AS TO THEIR DEPTH. SHOULD ANY OF THE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATION, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF THE ENGINEER AND AT NO COST TO THE STATE.

ALSO THERE MAY BE UTILITIES PRESENT WHICH WERE INSTALLED BY THE STATE BUT ARE MAINTAINED BY OTHERS (CITY, TOWN, ETC.) THE APPROXIMATE LOCATIONS OF THESE LINES ARE ALSO SHOWN ON THE PLANS ALONG WITH THE NAME OF THE MAINTAINING ACENCY. THE CONTRACTOR SHALL COORDINATE THE LOCATING OF THESE LINES WITH THE LOCAL AGENCY PRIOR TO COMMENCING ANY EXCAVATION OR BORING IN THEIR SHOULD THESE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATIONS, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF, AND AT NO COST TO, THE LOCAL AGENCY AND THE STATE.

3. UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800)892-0123.

- 4. ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988, (NAVD 88)
- 5. FOR INLETS AND MANHOLES LOCATED IN THE CURB: STATIONS, OFFSETS AND RIM ELEVATIONS ARE PROVIDED AT THE EDGE OF PAVEMENT. ALL OTHER INLET AND MANHOLE STATIONS, OFFSETS AND RIM ELEVATIONS ARE GIVEN TO THE CENTER OF THE STRUCTURE. PIPE END SECTION STATIONS, OFFSETS AND INVERTS ARE PROVIDED AT THE END OF THE FLARED END SECTION.
- 6. THE TOP FOUR INCHES OF ALL DISTURBED AREAS TO BE LANDSCAPED SHALL MEET THE REQUIREMENTS OF ARTICLE 1081.05(a) OF THE IDOT STANDARD SPECIFICATION FOR TOPSOIL.
- 7. COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.
- 8. ALL REMOVAL LIMITS OF PAVEMENT, CURBS, DRIVEWAYS, ETC. SHALL BE SAWCUT FULL-DEPTH.
- 9. FOR SEPARATION REQUIREMENTS BETWEEN PROPOSED STORM SEWER AND PROPOSED WATER MAIN LOCATIONS. REFER TO SECTION 41-2.01 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS. GASKETED JOINTS FOR STORM SEWERS MAY BE REQUIRED, COORDINATE STORM SEWER INSTALLATION WITH WATER MAIN INSTALLATION.
- 10. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER ACCORDING TO ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL RE-ERECT THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.
- 11. ITEMS TO BE REMOVED, INCLUDING BUT NOT LIMITED TO VEGETATION, TREES, STRUCTURES, PAVEMENT, CURBS AND GUTTERS, DRAINAGE STRUCTURES, UTILITIES, AND SIGNAGE ARE DESIGNATED ON THE PLAN DRAWINGS.
- 12. TREES THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ANY TREE DUE TO ITS LOCATION AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER SHALL BE PROTECTED DURING CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS.
- 13. GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

- 14. TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH SLOPES DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPOARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SLOPES AT THE TIME OF THEIR COMPLETION.
- 15. THE CONTRACTOR SHALL NOTIFY THE URBANA & CHAMPAIGN SANITARY DISTRICT AT LEAST 48 HOURS IN ADVANCE OF ANY CONNECTION TO, OR WORK ON, AN URBAN & CHAMPAIGN SANITARY DISTRICT COLLECTOR SEWER OR INTERCEPTOR SEWER. AND WILL ONLY PERFORM THAT WORK IN THE PRESENCE OF AN URBANA & CHAMPAIGN SANITARY DISTRICT REPRESENTATIVE.

SECTION COUNTY TOTAL SHEET SHEETS NO. 808 09-00481-00-WR CHAMPAIGN STA. TO STA. FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT CONTRACT NO. 9150

16. THE EXISTING TIE BARS BETWEEN THE EXISTING PAVEMENT AND EXISTING MEDIANS. GUTTERS AND/OR COMBINATION CURB AND GUTTERS THAT ARE FOUND SUITABLE FOR REUSE SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY EXISTING TIE BARS THAT ARE FOUND UNSUITABLE TO BE INCORPORATED INTO THE PROPOSED CONSTRUCTION DUE TO EXCESSIVE RUSTING OR DISTRESS SHALL BE REMOVED FLUSH WITH THE FACE OF THE EXISTING CONCRETE AND DISPOSED OF OUTSIDE THE LIMITS OF THE RICHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS REMOVAL PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

- 13. BEFORE ORDERING PIPE CULVERTS AND/OR STORM SEWERS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.
- 14, THE BITUMINOUS PLUG SHOWN ON STANDARD 60]001 FOR SHOULDER REMOVAL AND REPLACEMENT SHALL BE CONSTRUCTED OF A BITUMINOUS MIXTURE OF 75% CA-11 AND 25% CA-16 WITH 2.8 +/- 0.2% OF ASPHALT CEMENT. THE ASPHALT CEMENT SHALL BE PG 64-22.
- 15. CALCIUM CHLORIDE SHALL BE APPLIED FULL WIDTH TO THE PROPOSED ACCREGATE ROADWAYS AND/OR DETOURS FOR THE SOLE PURPOSE OF CONTROLLING DUST. THIS WORK SHALL BE PERFORMED ON ALL FINAL SURFACES AS WELL AS ANY REMAINING AGGREGATE SURFACES THAT WOULD LAY OVER ANY PARTICULAR WEEKEND.

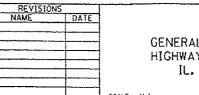
THE FOLLOWING APPLICATION RATE HAS BEEN USED TO CALCULATE THIS ESTIMATED QUANTITY: 5 LBS./SQ.YD.

ANY ADDITIONAL QUANTITY FOR MAINTENANCE WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 WHEN SPECIFIED BY THE ENGINEER.

- 16. THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S. PT'S, AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR LAYOUT OF THESE MARKERS.
- 17. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAYEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS.
- 18. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9 m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).
- 19. FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT 2.DIG TONS/CU. YO. ALL AGGREGATE 2.05 TONS/CU. YO. BITUMINOUS MATERIALS: ON PAVEMENT 0.09 GAL./SO. YD. INTERMEDIATE LIFTS (FOG COAT) 0.04 GAL./SO. YD. ON AGGREGATE SURFACE 0.32 GAL./SO, YD. AGGREGATE (PRIME COAT) 0.0015 TONS/ SO, YD. RIPRAP 1.50 TONS/CU. YD.

1 Ray, 2-12-14



GENERAL NOTES AND HIGHWAY STANDARDS IL. RTE 130

SCALE: N.A. DATE: 12/09/13

DRAWN BY: R.A.H. CHECKED BY: K.L.T.

GENERAL NOTE AND HIGHWAY STANDARDS: IL. RTE 130