GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS ON THE DRAWINGS AND REPORT ANY DISCREPANCY TO THE ENGINEER.

CODES AND STANDARDS

1. ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" - LATEST EDITION

2. CRSI HANDBOOK

3. CONCRETE DETAILS - DESIGN, DETAILING, FABRICATION, AND ERECTION SHALL COMPLY WITH THE ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE" AND "SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS"

MASONRY: ACI 530 LATEST EDITION

STRUCTURAL STEEL: AISC "SPECIFICATIONS FOR DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" - LATEST EDITION

WELDING: AMERICAN WELDING SOCIETY (AWS) "STRUCTURAL WELDING CODE"

COLD FORMED STEEL: AISI "SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" - LATEST EDITION

FOUNDATIONS

1. THE SIGN FOUNDATION IS DESIGNED ASSUMING THE NET ALLOWABLE SOIL BEARING PRESSURE EQUALS 3,500 PSF OR GREATER. THE CONTRACTOR SHALL SELECT A GEOTECHNICAL ENGINEER TO DETERMINE IF THE EXISTING SOILS UNDER THE PROPOSED SIGN LOCATION ARE SUITABLE TO PROVIDE THE ABOVE STATED NET ALLOWABLE SOIL BEARING PRESSURE. IF THE UNDERLYING SOILS ARE NOT SUITABLE TO PRODUCE THE NET ALLOWABLE SOIL BEARING PRESSURE, THE CONTRACTOR SHALL FURNISH AND INSTALL AN AGGREGATE BASE COURSE, TYPE B AND/OR STONE RIP RAP, CLASS 4 (SPECIAL) IN ACCORDANCE WITH IDOTS LATEST SPECIFICATIONS OF SUFFICIENT DEPTH AND WIDTH, TO PROVIDE THE REQUIRED NET ALLOWABLE SOIL BEARING PRESSURE OF 3,500 PSF. PAYMENT FOR THE GEOTECHNICAL ENGINEER'S PROFESSIONAL SERVICES, FOR FURNISHING AND INSTALLING BOTH THE AGGREGATE BASE COURSE, TYPE B, AND THE STONE RIP RAP, CLASS A$ (SPECIAL) SHALL BE INCLUDED IN THE PAY ITEM, RELOCATE SIGN, SPECIAL, EACH.

2. ALL BEARING MATERIAL FOR SUPPORTING FOOTINGS SHALL BE INSPECTED BY THE ENGINEER PRIOR TO THEIR CONSTRUCTION. THE ENGINEER SHALL BE THE SOLE JUDGE AS TO THE SUITABILITY OF THE BEARING MATERIAL. THE CONTRACTOR SHALL NOTIFY THE ENGINEER (3) WORKING DAYS IN ADVANCE FOR INSPECTION BY THE ENGINEER.

3. DO NOT BACKFILL UNTIL CONCRETE HAS REACHED ITS 28-DAY STRENGTH.

CONCRETE AND REINFORCING - SEE THE SPECIFICATIONS

CONSTRUCTION AND CONTROL JOINTS

1. CONSTRUCTION JOINTS SHALL BE LOCATED NEAR THE CENTER OF SPANS OF SLABS. BEAMS OR GIRDERS EXCEPT AT INTERSECTIONS OF BEAMS OR GIRDERS, IN WHICH CASE JOINTS SHALL BE OFFSET A DISTANCE EQUAL TO TWICE THE WIDTH OF THE BEAM AND PROVISIONS SHALL BE MADE FOR TRANSFER OF SHEAR AND OTHER FORCES THROUGH THE CONSTRUCTION JOINT UNLESS OTHERWISE SHOWN ON THE DRAWINGS.

2. REINFORCING STEEL SHALL BE CONTINUOUS THROUGH ALL CONSTRUCTION JOINTS.

3. WHERE A JOINT IS MADE, THE SURFACE OF THE CONCRETE SHALL BE ROUGHENED, THOROUGHLY CLEANED AND ALL LAITANCE REMOVED. IN ADDITION, VERTICAL JOINTS SHALL BE THOROUGHLY WETTED AND SLUSHED WITH A COAT OF NEAT CEMENT GROUT IMMEDIATELY BEFORE PLACING NEW CONCRETE.

4. VERTICAL JOINTS BETWEEN STONE PANELS AND HORIZONTAL JOINTS BETWEEN STONE CAPS OR BETWEEN STONE PANELS AND STONE CAPS SHALL BE FILLED WITH A SEALANT CONSISTING OF ONE PART LOW MODULUS NON-ACID CURING SILICONE SEALANT WITH SEALANT COLOR TO MATCH EXISTING UNIVERSITY PARK SIGN OR AS SELECTED BY THE OWNER. FOAM BACKER ROADS SHALL BE MADE OF OPEN CELL POLYURETHANE.

MASONRY - SEE THE SPECIFICATIONS

STRUCTURAL STEEL

1. ALL STRUCTURAL STEEL SHALL BE ASTM A-36, FY = 36,000 PSI YIELD POINT OR GREATER.

2. ALL STRUCTURAL STEEL SHALL BE PROPERLY GUYED AND BRACED UNTIL THE COMPLETE FRAMING IS COMPLETED.

3. ALL BOLTED CONNECTIONS SHALL BE DESIGNED FOR LOADS BASED UPON AISC LOAD SPAN TABLES USING $\frac{3}{4}$" ROUND A325 HIGH STRENGTH BOLT, UNLESS OTHERWISE NOTED.

4. SEE ELECTRICAL DRAWINGS FOR ANY OPENINGS, CONDUITS, PIPE SLEEVES, ETC. WHICH WILL BE REQUIRED.

5. ALL TESTING OF WELDS SHALL CONFORM TO THE ANSI/AWS SPECIFICATIONS FOR ULTRASONIC TESTING.

6. ALL BEAMS BEARING ON MASONRY SHALL HAVE 8" MINIMUM BEARING ON REINFORCED PILASTERS.

7. ALL ANCHOR BOLTS SHALL CONFORM TO ASTM A-307, AND SHALL BE HOT-DIPPED GALVANIZED OR STAINLESS STEEL.

8. ALL WELDS SHALL BE MADE BY CERTIFIED WELDERS.

9. ALL STEEL SHALL BE GALVANIZED OR STAINLESS STEEL. EXPOSED SURFACES SHALL ALSO BE PRIMED AND PAINTED.

MISCELLANEOUS

1. DIMENSION VERIFICATION: VERIFY DIMENSIONS OF OPENINGS IN FLOORS, ROOFS, WALLS, AND ASSOCIATED SURROUNDING FRAMING AND ANCHOR BOLT SIZES AND LOCATIONS WITH ANY MECHANICAL OR ELECTRICAL EQUIPMENT WITH THE ACTUAL EQUIPMENT FURNISHED FOR THE PROJECT.

2. FOR OPENING SLEEVES, BLOCK OUTS, AND EMBEDDED ITEMS NOT SHOWN ON THE STRUCTURAL DRAWINGS, REFER TO THE MECHANICAL, CIVIL, AND ELECTRICAL DRAWINGS.

3. ALL GROUT SHALL BE NONMETALLIC, NON-SHRINK GROUT INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS.

4. THE GRANULAR BASE COURSE, IF REQUIRED BY THE GEOTECHNICAL ENGINEER, SHALL BE APPROVED BY THE ENGINEER.

5. ALL COLUMNS AND FOOTINGS ARE CENTERED ON COLUMN LINES, EXCEPT WHERE OTHERWISE SHOWN ON THE PLANS OR SECTIONS.

6. DURING CONSTRUCTION OPERATIONS, TEMPORARY BRACING AND/OR SHORING SHALL BE PROVIDED WHEREVER NECESSARY TO TAKE CARE OF ALL LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED, INCLUDING EQUIPMENT AND THE OPERATION OF SAME. SUCH BRACING AND/OR SHORING SHALL BE LEFT IN PLACE AS LONG AS MAY BE REQUIRED FOR SAFETY.

7. NO OPENING SHALL BE MADE IN ANY STRUCTURAL MEMBER WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.

8. NO CHANGE IN SIZES OR DIMENSIONS OF STRUCTURAL MEMBERS SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.

9. THE CONTRACTOR IS RESPONSIBLE FOR LIMITED THE AMOUNT OF CONSTRUCTION LOAD IMPOSED UPON THE STRUCTURAL FRAMING AND LOAD BEARING WALLS. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF STRUCTURAL ELEMENTS AT ANY TIME DURING THE CONSTRUCTION.

10. DO NOT SCALE THESE DRAWINGS. USE DIMENSIONS.

11. THE CONTRACTOR'S CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD. EXPANSION JOINTS SHOWN ON THE DRAWINGS HAVE BEEN DESIGNED TO ACCOMMODATE ANTICIPATED THERMAL MOVEMENT AFTER THE BUILDING IS COMPLETE.

12. THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY DEVIATION FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY FOR SUCH DEVIATION BY THE ENGINEER'S APPROVAL OF THE SHOP DRAWINGS, PRODUCT DATA, ETC. UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE ENGINEER OF SUCH DEVIATIONS AT THE TIME OF SUBMISSION, AND THE ENGINEER HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION.

13. ALL ITEMS WHICH IN THE OPINION OF THE CONTRACTOR APPEAR TO BE DEFICIENCIES, OMISSIONS, CONTRADICTIONS, OR AMBIGUITIES, IN THE PLANS AND SPECIFICATIONS, SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. PLANS AND/OR SPECIFICATIONS WILL BE CORRECTED, OR WRITTEN INTERPRETATION OF THE ALLEGED DEFICIENCY, OMISSION, CONTRADICTION OR AMBIGUITY WILL BE MADE BY THE ENGINEER BEFORE THE EFFECTED WORK PROCEEDS.

14. THE CONTRACTOR SHALL REMOVE ALL EXISTING STONE UNITS FROM THE EXISTING SIGN WITHOUT DAMAGING THE UNITS. REMOVE ALL FOREIGN MATERIALS AND PREVIOUS CONNECTION MATERIALS FROM THE STONE UNITS, INCLUDING GROUT, MORTAR, SEALANTS, AND ANY OTHER ATTACHED MATERIALS. LIFT STONE UNITS WITH SIDE BELT TYPE SLINGS WHEREVER POSSIBLE. DO NOT USE WIRE ROPE OR ROPES CONTAINING TAR OR OTHER SUBSTANCES WHICH WOULD STAIN THE UNITS. STORE THE STONE UNITS ON WOODEN SKIDS OR PALLETS IN A SAFE LOCATION. INSTALL STONE UNITS ON THE NEW SIGN AS DIRECTED IN THE SPECIFICATIONS. PAYMENT FOR ALL WORK AND MATERIALS ASSOCIATED WITH REMOVING THE STONE UNITS, REMOVING FOREIGN MATERIALS FROM THE STONE UNITS, LIFTING THE STONE UNITS, STORING THE STONE UNITS, AND INSTALLING THE STONE UNITS ON THE NEW SIGN SHALL BE INCLUDED IN THE PAY ITEM, RELOCATE SIGN, SPECIAL, EACH.

15. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL NEW STONE UNIT CONNECTIONS, INCLUDING CONNECTION CLIPS, PINS, GROUT, AND SEALANTS AS CALLED FOR IN THE PLANS AND SPECIFICATIONS. PAYMENT FOR FURNISHING AND INSTALLING THE STONE UNIT CONNECTIONS, INCLUDING CONNECTION CLIPS, PINS, GROUT, AND SEALANTS, SHALL BE INCLUDED IN THE PAY ITEM RELOCATE SIGN, SPECIAL, EACH.

FILE NAME = $FILEL$	USER NAME = jeremy	DESIGNED - BFK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN RELOCATION DETAIL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - SMB	REVISED -			592	65I-TS-1	MADISON	50	24
	PLOT SCALE = $SCALE$	CHECKED - JLK	REVISED -					CONTRACT NO. 76B41		
	PLOT DATE = 7/9/2008	DATE - 6/18/08	REVISED -		SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 8	ILLINOIS	FED. AID PROJECT		