

**GENERAL NOTES**

1. THE CONSTRUCTION SHALL BE GOVERNED BY THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES ON SITE PRIOR TO ANY CONSTRUCTION AND WILL BE HELD RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THEIR FACILITIES. THE CONTRACTOR, ON SITE, SHALL DETERMINE THE EXACT LOCATIONS OF THE UTILITIES. THE CONTRACTOR SHALL CALL J.U.L.I.E. @ 1-800-892-0123 FOR UTILITY LOCATIONS.
3. THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRS TO ANY UTILITY LINES AND EXISTING IMPROVEMENTS TO REMAIN THAT ARE DAMAGED AS A RESULT OF THE WORK.
4. ADJUSTMENTS OF PROPOSED GRADES TO MATCH EXISTING ENTRANCES OR OTHER FIELD CONDITIONS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
5. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.
6. ACCESS SHALL BE MAINTAINED TO ALL PROPERTIES DURING ALL STAGES OF CONSTRUCTION.
7. EXCESS MATERIAL, IF NOT USED FOR OTHER ON-SITE PURPOSES, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF OFF-SITE BY THE CONTRACTOR.
8. THE WORK AREA SHALL BE POSITIVELY DRAINED DURING CONSTRUCTION. FINAL GRADES SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION, SEDIMENTATION, AND TRAFFIC.
9. ALL STEEL MEMBERS FROM THE EXISTING STRUCTURE SHALL BE SALVAGED AND STOCKED PILED ON SITE FOR PICK-UP BY UNION COUNTY.
10. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
11. THE OWNER RESERVES THE RIGHT TO REDUCE ANY QUANTITY OR DELETE PAY ITEMS FROM THIS CONTRACT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
12. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCY IMMEDIATELY.
13. APPLICATION RATES:  
COURSE AGGREGATE: 2.05 TON/CU YD  
TEMPORARY EROSION CONTROL SEEDING: 100 LB/ACRE  
RIPRAP: 1.50 TON/CU YD
14. SIGNS SHALL BE IN ACCORDANCE WITH THE MUTCD AND APPLICABLE STANDARDS. ALL DEVICES MUST MEET NCHRP 350 REQUIREMENTS.

**SUMMARY OF QUANTITIES**

CONSTRUCTION TYPE CODE X081-2A

CODE NO.	DESCRIPTION	QUANTITY	UNITS
20100500	TREE REMOVAL, ACRES	ACRE	0.46
20200100	EARTH EXCAVATION	CU YD	11050
25000210	SEEDING, CLASS 2A	ACRE	1.44
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	130
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	130
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	130
25100115	MULCH, METHOD 2	ACRE	1.44
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	432
28000300	TEMPORARY DITCH CHECKS	EACH	52
28100809	STONE DUMPED RIPRAP, CLASS A5	TON	1287
35100100	AGGREGATE BASE COURSE, TYPE A	TON	972
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	145
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50105220	PIPE CULVERT REMOVAL	FOOT	68
50200100	STRUCTURE EXCAVATION	CU YD	46
50300225	CONCRETE STRUCTURES	CU YD	51.2
50400605	PRECAST PRESTRESSED CONCRETE DECK BEAMS (33" DEPTH)	SQ FT	2232
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	5020
50901005	STEEL BRIDGE RAIL, TYPE SM	FOOT	169
51201600	FURNISHING STEEL PILES, HP 12x53	FOOT	160
51202700	DRIVING STEEL PILES	FOOT	160
51203600	TEST PILE, STEEL HP 12x53	EACH	2
51204600	METAL SHOES	EACH	10
51500100	NAME PLATE	EACH	1
54200640	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 15 IN	FOOT	36
54201483	PIPE CULVERTS, TYPE 2, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 18 IN	FOOT	68
54213870	STEEL END SECTIONS, 15"	EACH	2
54213873	STEEL END SECTIONS, 18"	EACH	2
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	4
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
72000100	SIGN PANEL - TYPE 1	SQ FT	15
73000100	WOOD SIGN SUPPORT	FOOT	37.5
Z0065000	SETTING PILES IN ROCK	EACH	5
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	4
* SEE SPECIAL PROVISIONS AND/OR DETAILS IN PLANS			
67100100	MOBILIZATION	L SUM	1

**EDGE OF PAVEMENT STATION, OFFSET, & ELEVATION**

STATION	OFFSET LT.	ELEV. LT.	OFFSET RT.	ELEV. RT.	CL ELEV.
10+54.91	-11.00	460.88	11.00	460.71	460.88
11+00.00	-11.00	461.67	11.00	461.82	461.84
11+50.00	-15.00	462.73	15.00	463.06	462.90
12+00.00	-15.00	463.80	15.00	464.13	463.96
12+50.00	-11.00	464.70	11.00	465.36	465.03
13+00.00	-11.00	465.46	11.00	466.72	466.09
13+50.00	-11.00	466.51	11.00	467.83	467.17
14+00.00	-11.00	467.89	11.00	469.21	468.55
14+50.00	-11.00	469.68	11.00	471.00	470.34
15+00.00	-11.00	471.92	11.00	473.13	472.53
15+50.00	-11.00	474.81	11.00	475.41	475.11
16+00.00	-11.00	478.11	11.00	478.09	478.10
16+50.00	-11.00	481.80	11.00	481.18	481.49
17+00.00	-11.00	485.90	11.00	484.66	485.28
17+50.00	-11.00	489.94	11.00	488.80	489.37
18+00.00	-11.00	493.75	11.00	493.21	493.48
18+40.00	-9.54	496.79	9.64	496.62	496.77

**SUGGESTED SEQUENCE OF CONSTRUCTION**

1. CONSTRUCT TEMPORARY EROSION CONTROL MEASURES.
2. CONSTRUCT NEW STRUCTURE.
3. BEGIN ROADWAY CONSTRUCTION TO THE ROADWAY SUB GRADE.
4. INSTALL TRAFFIC CONTROL FOR ROAD CLOSURE. (NO MARKED DETOUR NEEDED)
5. CONTINUE ROADWAY CONSTRUCTION TO THE ROADWAY SUB GRADE.
6. CONSTRUCT NEW ROADWAY.
7. REMOVE REMAINING EXISTING ROADWAY PAVEMENT.
8. FINAL SHAPE AND SEED PROJECT AREA AND FINISH MISCELLANEOUS ROAD WORK ITEMS.
9. OPEN ROADWAY TO TRAFFIC.



LAYOUT: RLA 01/24/06  
 DRAWN: RLA 01/24/06  
 REVIEWED: JDS 01/24/06

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.S. 1926  
 SECTION 04-00093-00-BR  
 COUNTY HIGHWAY 8 OVER BRADSHAW CREEK  
**SUMMARY OF QUANTITIES AND GENERAL NOTES**  
 SCALE: VERT.      DRAWN BY RLA  
           HORIZ.      CHECKED BY JDS  
 DATE 02/03/06