

GENERAL NOTES

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS. FOR CODED PAY ITEM DESCRIPTIONS, INCIDENTAL ITEMS, AND ALL MATERIAL SPECIFICATIONS, PLEASE REFER TO THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

ANY FACILITIES OR APPURTENANCES, WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION, SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND ADJUST HIS OPERATIONS, IN ORDER THAT, THE UTILITY'S OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER.

THE TYPE, SIZE, AND LOCATION OF UTILITIES, AS DELINEATED IN THESE TOPOGRAPHIC LAND SURVEY DOCUMENTS AND/OR CIVIL ENGINEERING DESIGN DOCUMENTS, HAVE BEEN DETERMINED BY REVIEW OF AVAILABLE EXISTING "AS-BUILT" OR RECORD DRAWINGS, FIELD SURVEY OF J.U.L.I.E. MARKED UTILITIES, OR FIELD SURVEY OF ABOVE GROUND SURFACE UTILITY FEATURES. THE OWNER AND ENGINEER HAVE NOT UNDERTAKEN SUBSURFACE EXPLORATORY INVESTIGATIONS TO CONFIRM OR VERIFY THE UTILITIES SHOWN ON THESE DOCUMENTS; THEREFORE THEIR EXACT LOCATION, SIZE, AND FUNCTION MUST BE CONSIDERED APPROXIMATE AND MUST BE FIELD CONFIRMED BY THE CONTRACTOR.

THE ENGINEER AND OWNER FURTHER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THESE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING J.U.L.I.E. FOR FIELD VERIFICATION OF ALL UTILITIES ON THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF THE CONTRACTOR DETERMINES THAT SUBSTANTIAL DISCREPANCY EXISTS BETWEEN FIELD VERIFIED UTILITIES AND THESE PLANS (WHICH WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST, OR PERFORMANCE OF THE PROJECT), THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION AND PROJECT DIRECTION.

ALL EXISTING ROADWAY FEATURES (SUCH AS CULVERT HEADWALLS, RIP RAP, CURB, PAVEMENT, ETC.) LOCATED WITHIN THE CONSTRUCTION LIMITS ARE TO BE REMOVED UNLESS NOTED OTHERWISE ON THE PLANS. ALL REMOVAL OF EXISTING ROADWAY FEATURES SHALL BE INCLUDED IN THE PAVEMENT REMOVAL QUANTITY.

EVERY TREE SHALL BE SAVED, IF POSSIBLE. SHOULD THE ENGINEER'S DECISION INCREASE OR DECREASE THE QUANTITIES OF WORK TO BE PERFORMED FROM THE PLANS, THE CONTRACTOR SHALL ACCEPT PAYMENT AS STATED IN ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS. TREES OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED UNLESS DESIGNATED BY THE ENGINEER.

THE SAW CUTTING OF EXISTING PAVEMENT, NECESSARY FOR ITS REMOVAL, SHALL BE UNINCLUDED IN THE COST OF THE ITEM FOR WHICH THE SAW CUT IS BEING MADE. THE REMOVAL OF ALL EXISTING AGGREGATE AND/OR OIL & CHIP ENTRANCE PAVEMENT SHALL BE INCLUDED IN THE EARTH EXCAVATION QUANTITY AND SHALL NOT BE MEASURED, NOR PAID FOR, AS A SEPARATE REMOVAL ITEM. ALL EXISTING ROADWAY PAVEMENT THAT CONFLICTS WITH THE CONSTRUCTION OF THIS PROJECT (AS INDICATED BY CROSS-HATCHING ON THE CROSS SECTIONS) SHALL BE REMOVED AND DISPOSED OF OR PLACED AS EMBANKMENT IN ACCORDANCE WITH SECTIONS 202.03 AND 205 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

STAGE CONSTRUCTION OF THIS PROJECT WARRANTS THE USE OF 4-FOOT WIDE TEMPORARY SHOULDERS AND TEMPORARY RAMPS DURING CONSTRUCTION. ALL TEMPORARY RAMPS ARE INCLUDED IN THE LEVELING BINDER (MACHINE METHOD), N70 QUANTITY.

ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES SHALL BE LOCATED AS SHOWN ON THE EROSION CONTROL PLAN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL EROSION AND DISPLACED SEDIMENT DOES NOT MIGRATE OFF SITE. IF UNEXPECTED EROSION OR SEDIMENTATION OCCURS (OR IF THE EROSION PLAN STRUCTURES BECOME DAMAGED), THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEASURES TO REPAIR, REPLACE, OR INSTALL EROSION CONTROL STRUCTURES TO INSURE OFF-SITE DAMAGE DOES NOT OCCUR. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.

ALL EARTH SURFACES DISTURBED BY CONSTRUCTION, OR AS DIRECTED BY THE ENGINEER, SHALL BE SEEDED AND MULCHED ACCORDING TO SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. ALL TEMPORARY EROSION CONTROL SEEDING SHALL BE IMPLEMENTED ACCORDING TO SECTION 280 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE CONTRACTOR MAY SUBSTITUTE A 9" THICK LAYER OF CA-4 AGGREGATE IN LIEU OF THE 12" THICK LIME MODIFIED SOIL IN AREAS THAT ARE LESS THAN 6 FEET IN WIDTH:

- STA. 285+86.34 LT. TO STA. 288+67.00 LT. (APPROX.)
- STA. 285+86.34 RT. TO STA. 289+05.08 RT. (APPROX.)
- STA. 324+25.00 LT. TO STA. 325+06.21 LT. (APPROX.)
- STA. 323+64.45 RT. TO STA. 325+06.21 RT. (APPROX.)

ANY UNSUITABLE SUB-GRADE MATERIAL UNDERNEATH THE PROPOSED BASE COURSE WIDENING ON COUNTY HWY. 6 SHALL BE REMEDIATED ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR THIS SUBSTITUTION.

IT IS INTENDED THAT ANY CULVERTS DAMAGED BY OR REMOVED BY THE CONTRACTOR (OTHER THAN THOSE NOTED ON THE PLANS TO BE REMOVED) WILL HAVE TO BE REMOVED AND/OR REPLACED AT THE CONTRACTOR'S SOLE EXPENSE. ALL CULVERT PIPE TO BE REMOVED (WHICH THE ENGINEER DEEMS FIT FOR RE-USE) SHALL BE SALVAGED ACCORDING TO ARTICLES 501.02 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. ALL OTHER STORM SEWER AND CULVERT PIPE SHALL BE DISPOSED OF ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

ALL TRAFFIC CONTROL (INCLUDING, BUT NOT LIMITED TO WORK ZONE, TEMPORARY, AND PERMANENT) SHALL BE FURNISHED, INSTALLED, MAINTAINED, RELOCATED, AND/OR REMOVED ACCORDING TO SECTION 701 OF THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ALL EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTING.

NO OVERNIGHT LANE CLOSURES SHALL BE ALLOWED ON COUNTY HIGHWAY 6. LANE CLOSURES SHALL BE RESTRICTED TO MONDAY THROUGH SATURDAY.

TRAFFIC CONTROL SIGNS SHALL BE 48" FLUORESCENT ORANGE.

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE MONROE COUNTY HIGHWAY DEPARTMENT AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL BY THE AFFECTED UNITS OF GOVERNMENT.

IT IS NOT WARRANTED THAT THIS DOCUMENT CONTAINS COMPLETE INFORMATION REGARDING EASEMENTS, RESERVATIONS, RESTRICTIONS, RIGHTS-OF-WAY, BUILDING LINE SETBACKS, AND OTHER ENCUMBRANCES. FOR COMPLETE INFORMATION, A TITLE OPINION OR COMMITMENT FOR TITLE INSURANCE SHOULD BE OBTAINED AND THOROUGHLY REVIEWED.

FAS ROUTE	IDOT SECTION	COUNTY
1857	04-00071-00-BR	MONROE
FEDERAL AID PROJECT	ILLINOIS	
IDOT JOB NO.	BR-RS-1857(121)	
IDOT CONTRACT NO.	97323	

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY QUANTITY	BRIDGE QUANTITY
20200100	EARTH EXCAVATION	CU YD	12,653	12,653	-
20300100	CHANNEL EXCAVATION	CU YD	720	-	720
20400800	FURNISHED EXCAVATION	CU YD	46,481	46,315	166
25000200	SEEDING, CLASS 2	ACRE	9.3	9.3	-
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	837	837	-
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	837	837	-
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	837	837	-
25100115	MULCH, METHOD 2	ACRE	9.3	9.3	-
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,200	1,200	-
28000300	TEMPORARY DITCH CHECKS	EACH	100	100	-
28000400	PERIMETER EROSION BARRIER	FOOT	2,146	2,146	-
28000500	INLET AND PIPE PROTECTION	EACH	14	14	-
28100708	STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)	SQ YD	1,825	225	1,600
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	9,094	9,094	-
30201500	LIME	TON	215	215	-
31101000	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	3,596	3,596	-
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	9,094	9,094	-
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100	100	-
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3,764	3,764	-
40600300	AGGREGATE (PRIME COAT)	TON	4.8	4.8	-
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	369	369	-
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	390	390	-
40600990	TEMPORARY RAMP	SQ YD	58	58	-
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1,877	1,877	-
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1,322	1,247	75
44000100	PAVEMENT REMOVAL	SQ YD	8,064	8,064	-
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	91	91	-
44004400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	562	562	-
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2,756	2,756	-
48203100	HOT-MIX ASPHALT SHOULDERS	TON	197	197	-
50100200	REMOVAL OF EXISTING STRUCTURES	L SUM	1	-	1
50105220	PIPE CULVERT REMOVAL	FOOT	213	213	-
50300225	CONCRETE STRUCTURES	CU YD	52.0	-	52.0
50300280	CONCRETE ENCASEMENT	CU YD	51.8	-	51.8
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SO FT	4,620	-	4,620
50500505	STUD SHEAR CONNECTORS	EACH	88	-	88
50800105	REINFORCEMENT BARS	POUND	5,700	-	5,700
50901050	STEEL RAZL TWG, TYPE SM	FOOT	280	-	280
51201400	FURNISHING STEEL PILES HP10X42	FOOT	785	-	785
51201600	FURNISHING STEEL PILES HP12X53	FOOT	1,260	-	1,260
51202305	DRIVING PILES	FOOT	2,045	-	2,045
51203400	TEST PILE STEEL HP10X42	EACH	2	-	2
51203600	TEST PILE STEEL HP12X53	EACH	2	-	2
51500100	NAME PLATES	EACH	1	-	1
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	70	70	-
542A1093	PIPE CULVERTS, CLASS A, TYPE 2 48"	FOOT	104	104	-
54200643	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 18"	FOOT	115	115	-
5421D015	PIPE CULVERTS, CLASS D, TYPE 1 15" (TEMPORARY)	FOOT	63	63	-
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2	-
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	2	2	-
54215553	METAL END SECTIONS 18"	EACH	6	6	-
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	2	2	-
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	513.4	-	513.4
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	1,400	-	1,400
* 63000130	STEEL PLATE BEAM GUARD RAIL, TYPE A (SPECIAL)	FOOT	687.5	687.5	-
* 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	4	4	-
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	6	6	-
63200310	GUARDRAIL REMOVAL	FOOT	140	140	-
67100100	MOBILIZATION	L SUM	1	1	-
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1	-
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1	-
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1,000	1,000	-
70300220	TEMPORARY PAVEMENT MARKING LINE 4"	FOOT	16,625	16,625	-
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	167.0	167.0	-
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	16,625	16,625	-
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	52	52	-
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	12	12	-
* 78200510	BARRIER WALL MARKERS, TYPE A	EACH	6	6	-
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	6	-
20055400	RUMBLE STRIP	FOOT	1,024	1,024	-

- NOTES:
 1. SPECIALTY ITEMS INDICATED BY * (THIS SHEET ONLY).
 2. QUANTITY COMPUTATION FACTORS (BELOW - AS PER PAY ITEM ABOVE):

NITROGEN FERTILIZER NUTRIENT	90 LB./ACRE	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	0.056 TON/SQ. YD./"
PHOSPHORUS FERTILIZER NUTRIENT	90 LB./ACRE	AGGREGATE SHOULDERS, TYPE B	2.1 TON/CU. YD.
POTASSIUM FERTILIZER NUTRIENT	90 LB./ACRE	HOT-MIX ASPHALT SHOULDERS	0.056 TON/SQ. YD./"
TEMPORARY EROSION CONTROL SEEDING	129 LB./ACRE	REINFORCEMENT BARS	N/A
LIME	0.02364 TON/SQ. YD.		
SUB-BASE GRANULAR MATERIAL, TYPE B	2.1 TON/CU. YD.		
AGGREGATE FOR TEMPORARY ACCESS	N/A		
BITUMINOUS MATERIALS (PRIME COAT)	0.375 GAL./SQ. YD.		
AGGREGATE (PRIME COAT)	0.0025 TON/SQ. YD.		
LEVELING BINDER (MACHINE METHOD), N70	0.056 TON/SQ. YD./"		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	0.056 TON/SQ. YD./"		

THOUVENOT, WADE & MOERCHEN, INC.
 ENGINEERS ♦ SURVEYORS ♦ PLANNERS



✑ CORPORATE OFFICE
 4940 OLD COLLINSVILLE RD.
 SWANSEA, ILLINOIS 62226
 TEL (618) 624-4488
 FAX (618) 624-6688
 corp@twm-inc.com

□ EDWARDSVILLE OFFICE
 1015B CENTURY DRIVE
 EDWARDSVILLE, ILLINOIS 62025
 TEL (618) 656-4040
 FAX (618) 656-4343
 edwardsville@twm-inc.com

□ ST. LOUIS OFFICE
 1001 CRAIG ROAD, SUITE 260
 ST. LOUIS, MISSOURI 63146
 TEL (314) 236-5052
 FAX (314) 872-2194
 stlouis@twm-inc.com

□ WATERLOO OFFICE
 113 SOUTH MAIN STREET
 WATERLOO, ILLINOIS 62298
 TEL (618) 939-5050
 FAX (618) 939-3938
 waterloo@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001220
PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	61-003202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
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SEAL

FINAL

Signature: _____
 Signature Date: _____
 Expiration Date: _____

STATEMENT OF RESPONSIBILITY
 I hereby confirm that the document herein to be authenticated by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

GENERAL NOTES AND SUMMARY OF QUANTITIES
 PROJECT: BLUFF ROAD (CTY. HWY. 6) BRIDGE REPLACEMENT OVER FOUNTAIN CREEK MONROE COUNTY, IL

REV.	DATE	DESCRIPTION

DRAWN BY: KBF/JWS	SHEET
DESIGNED BY: BJG	2
CHECKED BY: SJK	OF 67 SHEETS
APPROVED BY: SJK	PROJECT DESCRIPTION
PROJECT NUMBER: T16-040125	BLUFF RD. BRIDGE OVER FOUNTAIN CRK.
<input type="checkbox"/> ISSUED FOR REVIEW <input type="checkbox"/> ISSUED FOR BIDDING <input checked="" type="checkbox"/> ISSUED FOR CONSTR <input type="checkbox"/> RECORD DRAWING	

P:\040125\Roadway Plans\DWG\CADVER, NOTES, SCHEDULES, & DETAILS.dwg 11/8/2007 9:44:18 AM CST