

SUMMARY OF QUANTITIES				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 000+ RURAL	BRIDGE 001 RURAL
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	104	104	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	72	72	
20200100	EARTH EXCAVATION	CU YD	4285	4285	
20300100	CHANNEL EXCAVATION	CU YD	870		870
20400800	FURNISHED EXCAVATION	CU YD	2795	2795	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	165	165	
* 28000305	TEMPORARY DITCH CHECKS	FOOT	150	150	
28000400	PERIMETER EROSION BARRIER	FOOT	2870	2870	
* 28100109	STONE RIPRAP, CLASS A5	SQ YD	4601		4601
28200200	FILTER FABRIC	SQ YD	4601		4601
35100100	AGGREGATE BASE COURSE, TYPE A	TON	2437	2437	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1365	1365	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	372	372	
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	248	248	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	478	478	
* 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1
50105220	PIPE CULVERT REMOVAL	FOOT	186	186	
50200100	STRUCTURE EXCAVATION	CU YD	188		188
* 50300225	CONCRETE STRUCTURES	CU YD	52.3		52.3
50300255	CONCRETE SUPERSTRUCTURE	CU YD	260.6		260.6
50300260	BRIDGE DECK GROOVING	SQ YD	396		396
50300280	CONCRETE ENCASEMENT	CU YD	26.4		26.4

* SEE SPECIAL PROVISIONS

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 000+ RURAL	BRIDGE 001 RURAL
50300300	PROTECTIVE COAT	SQ YD	424		424
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	60905		60905
Δ 50901050	STEEL RAILING, TYPE SM	FOOT	255		255
5 201600	FURNISHING STEEL PILES HP12X53	FOOT	979		979
* 5 202305	DRIVING PILES	FOOT	979		979
5 203600	TEST PILE STEEL HP12X53	EACH	2		2
5 500100	NAME PLATES	EACH	1		1
* 5 2020220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	444	444	
50100100	GEOCOMPOSITE WALL DRAIN	SQ YD	36		36
Δ 60000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	363	363	
Δ 60000005	STEEL PLATE BEAM GUARDRAIL, TYPE B	FOOT	25	25	
Δ 60100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4	4	
* Δ 60100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4	
* 60200310	GUARDRAIL REMOVAL	FOOT	789	789	
60100100	MOBILIZATION	L SUM	1	1	
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1	
Δ 70201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4		4
* Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	144		144
* X070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	85		85
* X0501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	1.4	1.4	
* X020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION	EACH	1		1
* X020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION	EACH	1		1

* SEE SPECIAL PROVISIONS

Δ SPECIALTY ITEMS

GUARDRAIL SCHEDULE

TRAFFIC BARRIER TERMINAL, TY. 6A

LT. STA. 9+36.92 TO 9+83.50 = 1 EACH
 RT. STA. 9+06.92 TO 9+53.50 = 1 EACH
 LT. STA. 11+06.50 TO 11+53.08 = 1 EACH
 RT. STA. 10+76.50 TO 11+23.08 = 1 EACH
 TOTAL = 4 EACH

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

LT. STA. 8+86.92 TO 9+36.92 = 1 EACH
 RT. STA. 8+56.92 TO 9+06.92 = 1 EACH
 LT. STA. 15+40.58 TO 15+90.58 = 1 EACH
 RT. STA. 11+23.08 TO 11+73.08 = 1 EACH
 TOTAL = 4 EACH

STEEL PLATE BEAM GUARDRAIL TYPE A

LT. STA. 11+78.08 TO 15+40.58 = 362.5 FOOT
 TOTAL = 363 FOOT

STEEL PLATE BEAM GUARDRAIL TYPE B

LT. STA. 11+53.08 TO 11+78.08 = 25 FOOT
 TOTAL = 25 FOOT

NOTE: GUARDRAIL REFLECTORS THAT ATTACH TO THE RAIL ELEMENT BY USE OF THE POST BOLT WILL BE SUPPLIED BY THE COUNTY. THESE SHALL BE INSTALLED BY THE CONTRACTOR AND CONSIDERED INCIDENTAL TO ALL GUARDRAIL PAY ITEMS. LAYOUT OF THE REFLECTORS WILL BE AS DETERMINED BY THE ENGINEER.

GUARDRAIL REMOVAL

LT. STA. 9+08.0 TO 9+83.0 = 75 FOOT
 RT. STA. 8+92.0 TO 9+68.0 = 76 FOOT
 LT. STA. 10+32.5 TO 15+94.5 = 562 FOOT
 RT. STA. 10+17.6 TO 10+93.6 = 76 FOOT
 TOTAL = 789 FOOT

TREE REMOVAL

TREES WITHIN THE R.O.W. THAT INTERFERE WITH CONSTRUCTION SHALL BE REMOVED ONLY AT THE DIRECTION OF THE ENGINEER.

(6 TO 15 UNITS DIAMETER)	(OVER 15 UNITS DIAMETER)
LT. STA. 8+84 = 4 UNITS	LT. STA. 10+77 = 18 UNITS
LT. STA. 9+11 = 4 UNITS	LT. STA. 11+70 = 20 UNITS
LT. STA. 9+35 = 4 UNITS	LT. STA. 12+14 = 16 UNITS
LT. STA. 9+64 = 4 UNITS	LT. STA. 12+50 = 18 UNITS
LT. STA. 10+46 = 15 UNITS	TOTAL = 72 UNITS
LT. STA. 10+93 = 12 UNITS	
LT. STA. 11+70 = 15 UNITS	
LT. STA. 12+73 = 12 UNITS	
LT. STA. 12+90 = 10 UNITS	
LT. STA. 12+93 = 10 UNITS	
LT. STA. 12+98 = 14 UNITS	
TOTAL = 104 UNITS	

PERIMETER EROSION BARRIER

LT. STA. 6+30 TO 14+70 = 865 FOOT
 RT. STA. 6+30 TO 9+56 = 305 FOOT
 LT. STA. 15+01 TO 19+65 = 582 FOOT
 RT. STA. 9+43 TO 19+65 = 1118 FOOT
 TOTAL = 2870 FOOT

PIPE CULVERT REMOVAL

LT. STA. 8+44 = 46 FOOT
 RT. STA. 11+44 = 26 FOOT
 STA. 12+00 = 39 FOOT
 LT. STA. 16+26 = 50 FOOT
 RT. STA. 16+35 = 25 FOOT
 TOTAL = 186 FOOT

GENERAL NOTES

WHERE SECTION AND SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.


THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AND EASEMENTS AS DIRECTED BY THE ENGINEER.

SEEDING, CLASS 2 (SPECIAL) = 1.4 ACRES

ALL TREES THAT INTERFERE WITH CONSTRUCTION WITHIN THE R.O.W. AND EASEMENTS SHALL BE REMOVED ONLY AT THE DIRECTION OF THE ENGINEER.

THE COST OF REMOVAL OF ANY OBSTRUCTIONS OR CULVERTS NOT OTHERWISE INCLUDED IN REMOVAL OF EXISTING STRUCTURES WHICH INTERFERE WITH CONSTRUCTION WILL BE CONSIDERED INCIDENTAL TO THE COST OF EARTH EXCAVATION.

ALL PLAN ELEVATIONS REPRESENT ASSUMED DATUM.

SHEET TITLE		SUMMARY OF QUANTITIES & GENERAL NOTES	
PROJECT	SECTION 06-00169-01-BR COUNTY HIGHWAY 35 LIVINGSTON COUNTY STATION 10+30	PROJECT NO.	06079
DATE	3/30/11	DRAWN BY	PPW
CHECKED BY	MRL	DRAWING NO.	2
 Coombe-Bloxdorf P.C. - CIVIL ENGINEERS - - STRUCTURAL ENGINEERS - - LAND SURVEYORS - Phone: 217/544-8477 Design Firm License No. 184-002703 755 South Grand Ave. W, Springfield, IL 62704		OF 25 - SHTS	