

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY CONSTR CODE
			0011
20200100	EARTH EXCAVATION	CU YD	300
20300100	CHANNEL EXCAVATION	CU YD	120
28000305	TEMPORARY DITCH CHECKS	FOOT	80
^ 28100207	STONE RIPRAP, CLASS A4	TON	225
28200200	FILTER FABRIC	SQ YD	290
35101400	AGGREGATE BASE COURSE, TYPE B	TON	175
^ 40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	460
^ 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200300	COFFERDAM EXCAVATION	CU YD	510
50201121	COFFERDAM (TYPE 2) (LOCATION - 1)	EACH	1
50201122	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	44.2
50800105	REINFORCEMENT BARS	POUND	4,010
* 50900205	STEEL RAILING, TYPE S1	FOOT	64
^ 542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	66
^ 60100985	PIPE DRAINS 24"	FOOT	70
60218400	MANHOLES, TYPE A 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
67100100	MOBILIZATION	L SUM	1
^ X2090210	POROUS GRANULAR BACKFILL, SPECIAL	CU YD	270
^ X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.4
^ X5015225	PIPE CULVERT REMOVAL (SPECIAL)	FOOT	310
^ X5150110	NAME PLATES (SPECIAL)	EACH	1
^ Z0038140	THREE SIDED PRECAST CONCRETE STRUCTURES 32x10	FOOT	42

^ SEE SPECIAL PROVISIONS

* SPECIALTY ITEMS

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2012." THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- ALL CLEARING AND GRUBBING, FENCE REMOVAL AND REMOVAL OF EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. THE REMOVAL OF THE EXISTING BITUMINOUS SURFACE WILL BE PAID FOR AS EARTH EXCAVATION. ALL BITUMINOUS MATERIAL SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR IN A METHOD APPROVED BY THE ENGINEER. PROPER DISPOSAL OF BITUMINOUS MATERIAL SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE LOCATION OF EXISTING GAS MAINS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THE LOCATIONS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE INDIVIDUAL UTILITY COMPANIES AND BY FIELD INSPECTION.
- 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 MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE CONTRACTOR SHALL CONSULT THE ENGINEER IN REGARD TO THE EXACT LENGTH OF PIPE CULVERTS AND PIPE DRAINS BEFORE ORDERING THESE ITEMS.
- THE REVISION NUMBER INDICATED FOR THE STANDARDS LISTED IN THE INDEX SHEETS SHALL BE USED IN THE CONSTRUCTION OF THIS SECTION.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES.

POROUS GRANULAR BACKFILL	1.42 TON/CU YD (105 LB/CU FT)
AGGREGATE SURFACE COURSE	2.05 TON/CU YD
STONE RIPRAP, CLASS A4	1.75 TON/CU YD
- THE AREA TO BE SEEDDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE R.O.W. AS DIRECTED BY THE ENGINEER.
SEEDING, CLASS 2 (SPECIAL) = 0.4 ACRES
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER DISPOSAL OF ALL EXCAVATED MATERIAL NOT USED IN THE FINAL EMBANKMENT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED TO COMPLY WITH THESE CONDITIONS.
- EXCAVATION NECESSARY FOR PLACEMENT OF RIPRAP SHALL BE INCLUDED IN COST OF STONE RIPRAP UNLESS OTHERWISE NOTED.
- TEMPORARY DITCH CHECKS SHALL BE CONSTRUCTED AT LOCATIONS DETERMINED BY THE ENGINEER.

EARTHWORK SCHEDULE								
LOCATION	EARTH EXCAVATION	CHANNEL EXCAVATION	MISC. EXCAVATION	SHRINKAGE FACTOR	PERCENT USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT REQUIRED	EARTHWORK BALANCE
	CU.YD.	CU.YD.	CU.YD.			CU.YD.	CU.YD.	CU.YD.
FAS 554								
STA 8+00.00 TO STA 9+79.00	183			25.00%	100.00%	137	104	33
STA 9+79.00 TO STA 10+13.00	0	120		25.00%	70.00%	0	42	-42
STA 10+13.00 TO STA 11+00	117			25.00%	100.00%	88	119	-31
COFFERDAM EXCAVATION			510	25.00%	70.00%	268		268
EXCAVATION FROM P.G.B.			267	25.00%	70.00%	140		140
EXCAVATION FROM RIPRAP			160	25.00%	70.00%	84		84
TOTAL	300	120	937			717	265	452
TOTAL USE	300	120						450

WASTE EXCAVATION 450 CU YDS

FILE NAME = 070342-sht-summary.dgn	USER NAME =	DESIGNED - S.W.M.	REVISED -	STATE OF ILLINOIS MOULTRIE COUNTY HIGHWAY DEPARTMENT	SUMMARY OF QUANTITIES & GENERAL NOTES C.H. 9				F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 308 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62760	PLOT SCALE =	DRAWN - D.A.B.	REVISED -						554	07-00066-00-BR	MOULTRIE	14	2
ILLINOIS PROFESSIONAL DESIGN FIRM 131 PEI SE CORP. 184.000959	PLOT DATE = 2/16/2012	CHECKED - S.W.M.	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO: 95681				
		DATE - 02/16/12	REVISED -		ILLINOIS FED. AID PROJECT BR5-0554(325)								