

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	UNIT	TOTAL CONSTRUCTION TYPE CODE X080
20100500	TREE REMOVAL, ACRES	ACRE	0.1
20200100	EARTH EXCAVATION	CU YD	165
20300100	CHANNEL EXCAVATION	CU YD	20
20400800	FURNISHED EXCAVATION	CU YD	340
^ 25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.3
^ 28101700	RIPRAP, SPECIAL	TON	140
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	280
^ 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	21.8
50300280	CONCRETE ENCASEMENT	CU YD	2.8
50400305	PRECAST PRESTRESSED CONCRETE DECK BEAMS (17" DEPTH)	SQ FT	1,080
50800105	REINFORCEMENT BARS	POUND	2,340
Δ 50900205	STEEL RAILING, TYPE S1	FOOT	84
51201400	FURNISHING STEEL PILES HP10X42	FOOT	175
51202305	DRIVING PILES	FOOT	175
51203400	TEST PILE STEEL HP10X42	EACH	1
51500100	NAME PLATES	EACH	1
^ 542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	36
67100100	MOBILIZATION	L SUM	1

^ SEE SPECIAL PROVISIONS

Δ SPECIALTY ITEMS

EARTHWORK SCHEDULE							
LOCATION	EARTH EXCAVATION	CHANNEL EXCAVATION	SHRINKAGE FACTOR	PERCENT USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT REQUIRED	EARTHWORK BALANCE
	CU.YD.	CU.YD.			CU.YD.	CU.YD.	CU.YD.
TR 363							
STA 8+00.00 TO STA 9+79.82	92		25.00%	100.00%	69	351	-282
STA 10+26.18 TO STA 11+50	72		25.00%	100.00%	54	111	-57
CHANNEL EXCAVATION ENTRANCE		20	25.00%	70.00%	11	0	11
						13	-13
TOTAL	164	20			134	475	-341
USE	165						340

FURNISHED EXCAVATION= 340 CU YDS

### GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2007," 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.  

AGGREGATE SURFACE COURSE	2.05 TON/CU YD
STONE RIPRAP	1.75 TON/CU YD
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE R.O.W. AS DIRECTED BY THE ENGINEER.
- TREES WITHIN THE RIGHT-OF-WAY WHICH INTERFERE WITH CONSTRUCTION SHALL BE REMOVED ONLY AT THE DIRECTION OF THE ENGINEER. THE AREA DESIGNATED FOR REMOVAL SHALL BE MARKED AND MEASURED FOR PAYMENT BY THE ENGINEER BEFORE REMOVAL.

ROADWAY SCHEDULE	
LOCATION	AGGREGATE SURFACE COURSE, TYPE B (8")
	40200800 TON
TR 363	
STA 8+00.00 TO STA 9+79.82	165
STA 10+26.18 TO STA 11+50.00	115
TOTAL	280
USE	280

HORIZONTAL ALIGNMENT		
LOCATION	NORTHING	EASTING
P.O.B. STA 6+94.40	10007.2790	9641.2230
P.O.E. STA 13+14.92	10007.4120	10261.7400

SEEDING TABLE	
LOCATION	CLASS 2 (SPECIAL)
	25001000 ACRE
TR 363	
STA 8+00.00 TO STA 9+79.82	0.18
STA 10+26.18 TO STA 11+50.00	0.13
TOTAL	0.31
USE	0.30

TREE REMOVAL ACRES	
LOCATION	ACRE
TR 363	
LT. STA 8+00.00 TO LT. STA 9+81.00	0.043
LT. STA 10+21.00 TO LT. STA 11+37.00	0.029
RT. STA 9+63.00 TO RT. STA 9+89.00	0.001
TOTAL	0.073
USE	0.100

FILE NAME = 090128-shr-summary.dgn

USER NAME =

DESIGNED - A.S.L.

REVISED -

DRAWN - D.A.B.

REVISED -

PLOT SCALE =

CHECKED - S.W.M.

REVISED -

PLOT DATE = 2/18/2010

DATE - 02/18/10

REVISED -

STATE OF ILLINOIS  
CLAY COUNTY HIGHWAY DEPARTMENT



SUMMARY OF QUANTITIES  
AND GENERAL NOTES

T.R. SECTION COUNTY TOTAL SHEETS SHEET NO.

363 06-11129-00-BR CLAY 16 2

CONTRACT NO. 95621

SCALE: SHEET NO. OF SHEETS STA. TO STA.

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT BROS-02510611