

SUMMARY OF QUANTITIES

CODE	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	120
20300100	CHANNEL EXCAVATION	CU YD	140
20400800	FURNISHED EXCAVATION	CU YD	455
20700400	* POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	106
25001000	* SEEDING, CLASS 2 (SPECIAL)	ACRE	0.3
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	220
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	460
50300225	CONCRETE STRUCTURES	CU YD	118.2
50400305	* PRECAST PRESTRESSED CONCRETE DECK BEAMS (17" DEPTH)	SQ FT	840
50800105	* REINFORCEMENT BARS	POUND	8,480
50800205	* REINFORCEMENT BARS, EPOXY COATED	POUND	1,980
△ 50900205	STEEL RAILING, TYPE SI	FOOT	60
51500100	NAME PLATES	EACH	1
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	60
△ 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	4
△ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	EACH	4
67100100	* MOBILIZATION	L SUM	1
70101830	* TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
△ 78201000	* TERMINAL MARKER - DIRECT APPLIED	EACH	4
X5020501	* UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH	1
X5020502	* UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH	1

* SEE SPECIAL PROVISIONS

△ SPECIALTY ITEMS

CONSTRUCTION TYPE CODE: X080-2A

EARTHWORK

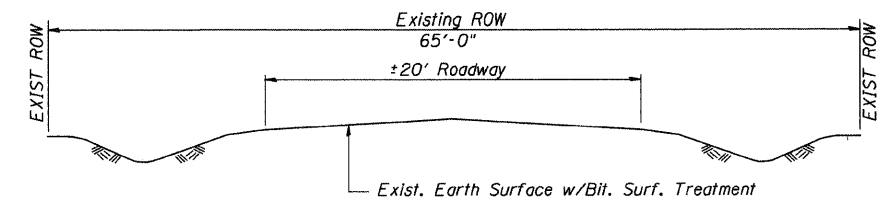
OPERATION	EXCAVATION CU YD	EXCAVATION ADJUSTED FOR SHRINKAGE CU YD	REQUIRED EMBANKMENT CU YD	BALANCE EARTHWORK CU YD
EARTH EXCAVATION				
STA 6+50 TO STA 9+84.25	80	60	285	-225
STA 10+15.75 TO STA 12+50	40	30	255	-225
ENTRANCES				
LT STA 11+24			5	-5
TOTAL	120	90	545	-455
STRUCTURE EXCAVATION	460	345		
RIPRAP				
STA 9+75 TO STA 10+25	145	110		
CHANNEL EXCAVATION				
STA 9+84.25 TO STA 10+15.75	140	105		
TOTAL	865	650		

SHRINKAGE FACTOR = 25%
 EXCAVATION FOR RIPRAP IS INCLUDED IN THE COST FOR STONE RIPRAP, CLASS A4
 EARTH EXCAVATION - 120 CU YD
 FURNISHED EXCAVATION - 455 CU YD
 CHANNEL EXCAVATION - 140 CU YD

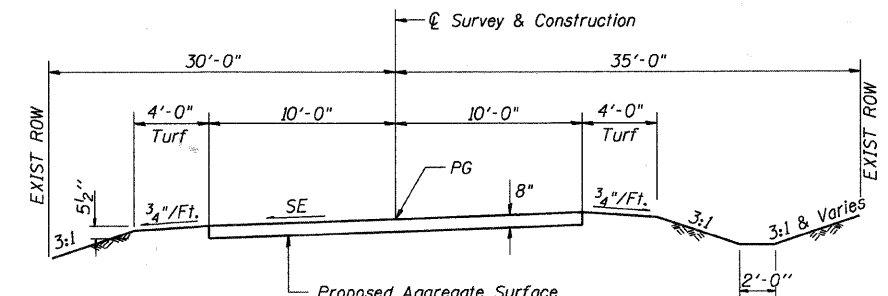
SUITABLE EXCAVATED MATERIAL SHALL BE USED IN THE PROPOSED EMBANKMENT

APPLICATION RATES USED IN QUANTITY CALCULATIONS

Riprap ----- 1.5 Tons/Cu. Yd.



TYPICAL EXISTING ROADWAY CROSS SECTION



Fill Section-Construct as Shown on Station Cross Sections

Proposed Aggregate Surface Course Type B (By Others) **

Cut Section-Construct as Shown on Station Cross Sections

BRIDGE OMISSION
 STA. 9+84.25 TO STA. 10+15.75

TYPICAL PROPOSED ROADWAY CROSS SECTION

STA 6+50 TO STA 9+84.25
 STA 10+15.75 TO STA 12+50

** ESTIMATED QUANTITY OF AGGREGATE SURFACE COURSE TYPE B = 575 TON (BY OTHERS)

GENERAL NOTES

1. THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER. FERTILIZER NUTRIENTS SHALL BE APPLIED AT A RATIO OF 1:1:1 AND AT A RATE OF 90 POUNDS PER ACRE PER NUTRIENT. MULCH AND AGRICULTURAL GROUND LIMESTONE SHALL BE APPLIED AT A RATE OF 2 TONS PER ACRE.

SEEDING CLASS 2 (SPECIAL) = 0.3 ACRE
2. ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
3. THE LOCATIONS OF EXISTING WATER MAINS, 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 ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES, MUNICIPALITIES AND FIELD INSPECTION. SEE STANDARD SPECIFICATIONS.

COMMITMENTS

NONE

CUMMINS ENGINEERING CORPORATION	JOB = 2202	DESIGNED - NAK	REVISED -	JERSEY COUNTY KEMPER RD. IMPROVEMENTS	TYPICAL CROSS SECTIONS, GENERAL NOTES, SUMMARY OF QUANTITIES	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = .FILES.	DRAWN - AJH	REVISED -			CH 3	06-00052-00-BR	JERSEY	18	2
	PLOT SCALE = .SCALE.	CHECKED - MDC	REVISED -			CONTRACT NO. 97359				
	PLOT DATE = 10/24/2008	DATE - 10/15/2008	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				