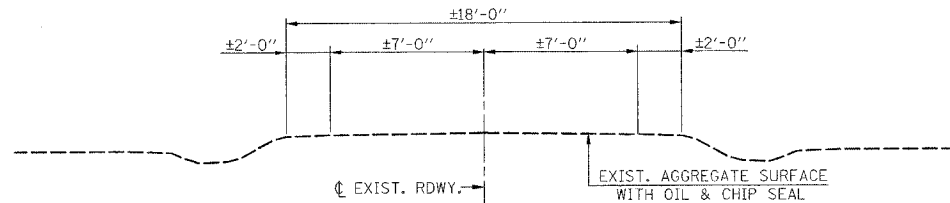


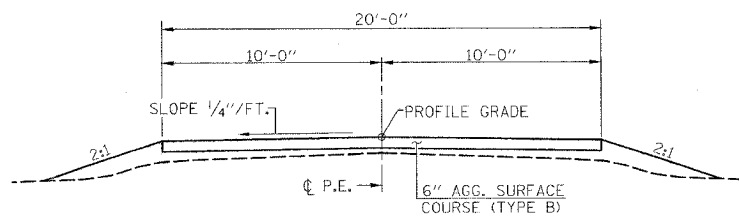
- 3:1 Fill ≤ 6'
- 2:1 Fill > 6'
- 3:1 Cut ≤ 6'
- 2:1 Cut > 6'

**PROPOSED CROSS SECTION**

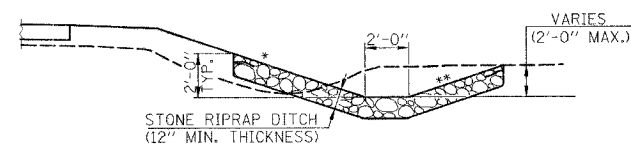
\*\*\* - WORK TO BE PERFORMED BY COUNTY FORCES ESTIMATED AGGREGATE SURFACE COURSE, TYPE B - 338 TON



**EXISTING CROSS SECTION**

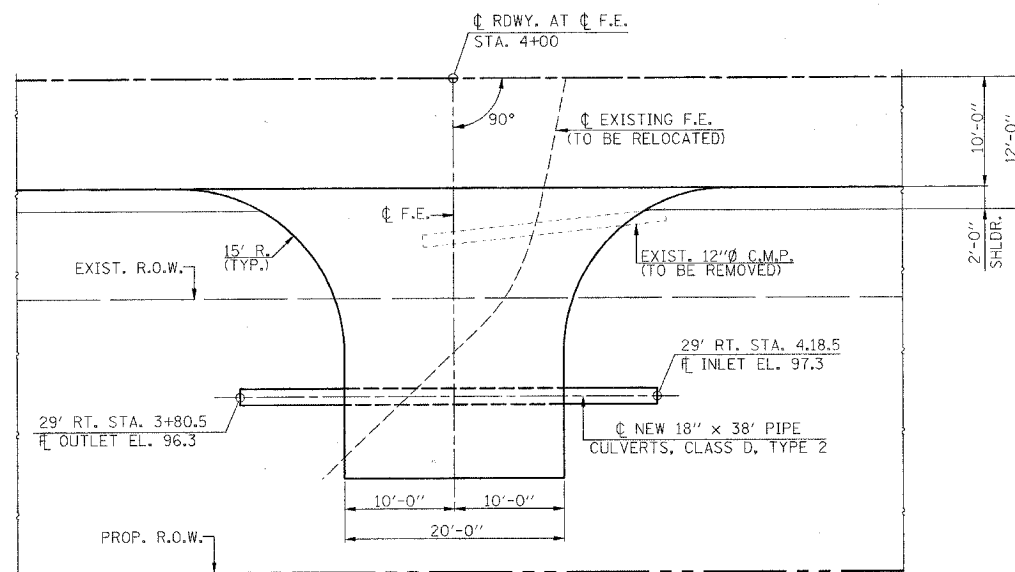


**TYPICAL FIELD ENTRANCE**  
(STA. 4+00 RT.)



**STONE RIPRAP DITCH DETAIL**  
(STA. 1+40 TO STA. 2+60 RT. & STA. 1+40 TO STA. 2+76 LT.)

- 3:1 Fill ≤ 6'
- 2:1 Fill > 6'
- 3:1 Cut ≤ 6'
- 2:1 Cut > 6'

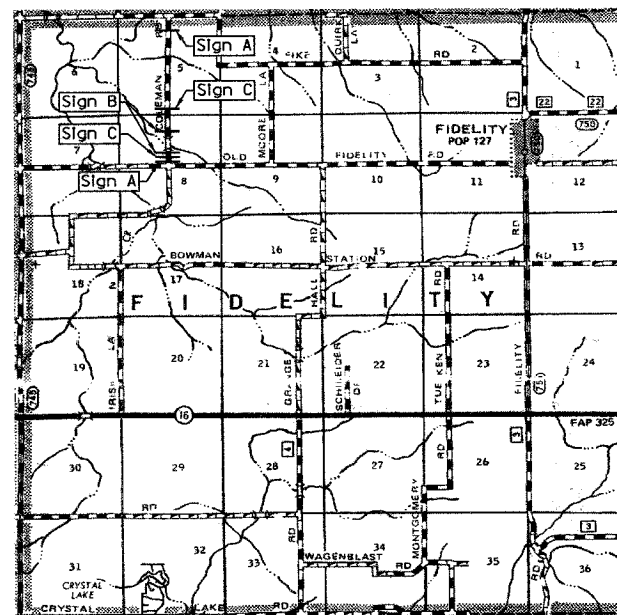


**PLAN**

**EARTHWORK SCHEDULE**

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU. YD.	CU. YD.	CU. YD.	CU. YD.
STA. 1+40 TO STA. 1+50	29	22	0	22
STA. 1+50 TO STA. 2+00	374	280	4	276
STA. 2+00 TO STA. 2+50	425	319	26	293
STA. 2+50 TO STA. 2+83.50	263	197	31	166
BRIDGE OMISSION STA. 2+83.50 TO STA. 3+31.50				
STA. 3+31.50 TO STA. 3+50	2	1	99	-98
STA. 3+50 TO STA. 4+00	26	20	184	-164
STA. 4+00 TO STA. 4+50	34	26	115	-89
STA. 4+50 TO STA. 5+00	24	18	20	-2
STA. 5+00 TO STA. 5+10	3	2	1	1
<b>TOTAL</b>	<b>1180</b>	<b>885</b>	<b>480</b>	<b>405</b>

NO FURNISHED EXCAVATION WILL BE REQUIRED. JERSEY COUNTY AND FIDELITY TOWNSHIP WILL PROVIDE TRUCKS TO DISPOSE OF EXCESS EARTH EXCAVATION & CHANNEL EXCAVATION. CONTRACTOR WILL BE RESPONSIBLE FOR LOADING THE TRUCKS.



**BARRICADE LOCATION**  
(Not to Scale)

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	QUANTITY
20100500	TREE REMOVAL, ACRES	ACRE	0.5
20200100	EARTH EXCAVATION	CU. YD.	1180
20300100	CHANNEL EXCAVATION	CU. YD.	984
25001000	SEEDING CLASS 2, SPECIAL	ACRE	0.5
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	421
28102600	STONE RIPRAP DITCH	TON	77
28200200	FILTER FABRIC	SO. YD.	632
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU. YD.	262
50300225	CONCRETE STRUCTURES	CU. YD.	104.4
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SO. FT.	1117
50800105	REINFORCEMENT BARS	POUND	15260
50900205	STEEL RAILING, TYPE S1	FOOT	96
51201400	FURNISHING STEEL PILES HP 10X42	FOOT	696
51202305	DRIVING PILES	FOOT	696
51203400	TEST PILE, STEEL HP 10X42	EACH	2
51500100	NAME PLATES	EACH	1
542D1063	PIPE CULVERTS, CLASS D, TYPE 2 18"	FOOT	38
67100100	MOBILIZATION	L. SUM	1
70101830	TRAFFIC CONTROL AND PROTECTION STANDARD BLR 21	L.SUM	1
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
X5020501	UNDERGROUND STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH	1
X5020502	UNDERGROUND STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH	1

**GENERAL NOTES**

MULCH SHALL BE APPLIED AT THE RATE OF 2 TONS PER ACRE. AREAS TO BE SEEDDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER. NO COMMITMENTS.

**LEGEND**

SIGN A - "ROAD CLOSED AHEAD" W20-3(0) 4848  
SIGN B - BLR STANDARD 21  
SIGN C - "ROAD CLOSED 500 FEET" W20-3(0) 4848

FILE NAME	USER NAME	DESIGNED	REVISED
971.ELB	USER9	---	---
		DRAWN	REVISED
		---	---
		CHECKED	REVISED
		---	---
		DATE	REVISED
		---	---

**Allen Henderson & Associates, Inc.**  
Civil and Structural Engineers Springfield, IL.  
62703 Phone: (217)544-8033 IL Design Firm  
No. 184-001907

**SUMMARY OF QUANTITIES, GENERAL NOTES, DETAILS & TYPICAL SECTIONS**

SCALE: NONE SHEET NO. 2 OF 12 SHEETS STA. 1+40.00 TO STA. 5+10.00