

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57&74	*	**	151	7

SUMMARY OF QUANTITIES

LOCATION OF WORK: FAI ROUTE 57 (I-57) AND FAI ROUTE 74 (I-74) SECTION D5 CABLE GUARD 2007-2 DOUGLAS, CHAMPAIGN, DEWITT COUNTIES				FAI-57 Douglas County Sta 467+00 to 504+00 Rural-Multilane 90% FED. 10% STATE SFTY-4A	FAI-57 Champaign County Sta 174+00 to 251+00 Rural-Multilane 90% FED. 10% STATE SFTY-4A	FAI-74 Dewitt County Sta 711+00 to 746+00 Rural-Multilane 90% FED. 10% STATE SFTY-4A
CONSTRUCTION TYPE CODE:						
CODE NO	ITEM	UNIT	TOTAL QUANTITY			
X0325677	WEED CONTROL MOWING STRIP (SPECIAL)	SO YD	6,571.0	1,611.0	3,471.0	1,489.0
X0325676	REMOVE AND RE-ERECT EXISTING GRATING 8' X 2' BOX CULVERT	EACH	1.0	0.0	1.0	0.0
20200100	EARTH EXCAVATION	CU YD	2,908 2,859.0	442.0	2,245.0	221 172.0
20400800	FURNISHED EXCAVATION	CU YD	4,621 4,642.0	348.0	2,371.0	1,902 1,323.0
25000200	SEEDING, CLASS 2	ACRE	11.5	2.1	7.0	2.4
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,035.0	189.0	630.0	216.0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,035.0	189.0	630.0	216.0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,035.0	189.0	630.0	216.0
25100115	MULCH, METHOD 2	ACRE	11.5	2.1	7.0	2.4
25100630	EROSION CONTROL BLANKET	SO YD	124.0	28.0	56.0	40.0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,150.0	210.0	700.0	240.0
28000300	TEMPORARY DITCH CHECKS	EACH	27.0	0.0	18.0	9.0
28000400	PERIMETER EROSION BARRIER	FOOT	3,700.0	3,700.0	0.0	0.0
28000500	INLET AND PIPE PROTECTION	EACH	13.0	0.0	11.0	2.0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	176.0	0.0	123.0	53.0
50104300	CONCRETE HEADWALL REMOVAL	CU YD	0.3	0.0	0.3	0.0
50800105	REINFORCEMENT BARS	POUND	1,680.0	0.0	1,680.0	0.0
54002020	EXPANSION BOLTS 3/4 INCH	EACH	42.0	0.0	42.0	0.0
54003000	CONCRETE BOX CULVERTS	CU YD	8.9	0.0	8.9	0.0
54206757	PIPE CULVERT TYPE 1, REINFORCED CONCRETE EQUIVALENT ROUND SECTION 42"	FOOT	9.0	0.0	9.0	0.0
54214317	END SECTION EQUIVALENT ROUND SECTION 42"	EACH	1.0	0.0	1.0	0.0
54248170	GRATE - CONCRETE FLARED END SECTION EQUIVALENT ROUND 42"	EACH	1.0	0.0	1.0	0.0
54248500	CONCRETE HEADWALLS	CU YD	0.6	0.0	0.6	0.0
54248510	CONCRETE COLLAR	CU YD	1.2	0.0	0.7	0.5
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	24.0	0.0	0.0	24.0
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	310.0	70.0	140.0	100.0
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	487.5	0.0	250.0	237.5

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 USER NAME : philip.p

* SPECIALTY ITEMS

△ REVISED 4/10/07

(CONTINUED NEXT SHEET)

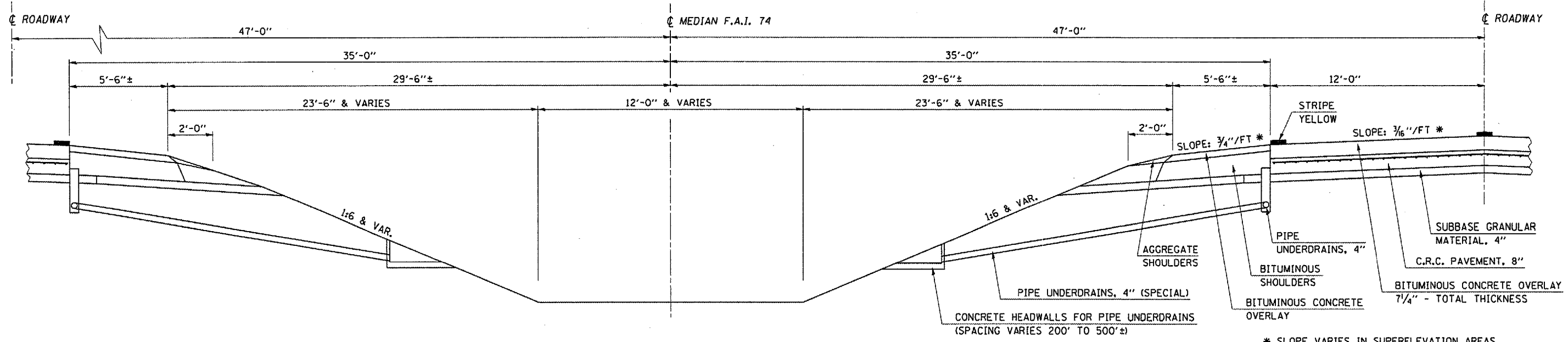
CONTRACT NO. 70547			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
57&74	*	**	151 14

* 05 CABLE GUARD 2007-2
 ** CHAMPAIGN, DEWITT & DOUGLAS

**LOCATION #3
 FARMER CITY**

EXISTING TYPICAL CROSS SECTION

STATION TO STATION
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 726+50.00 744+00.00

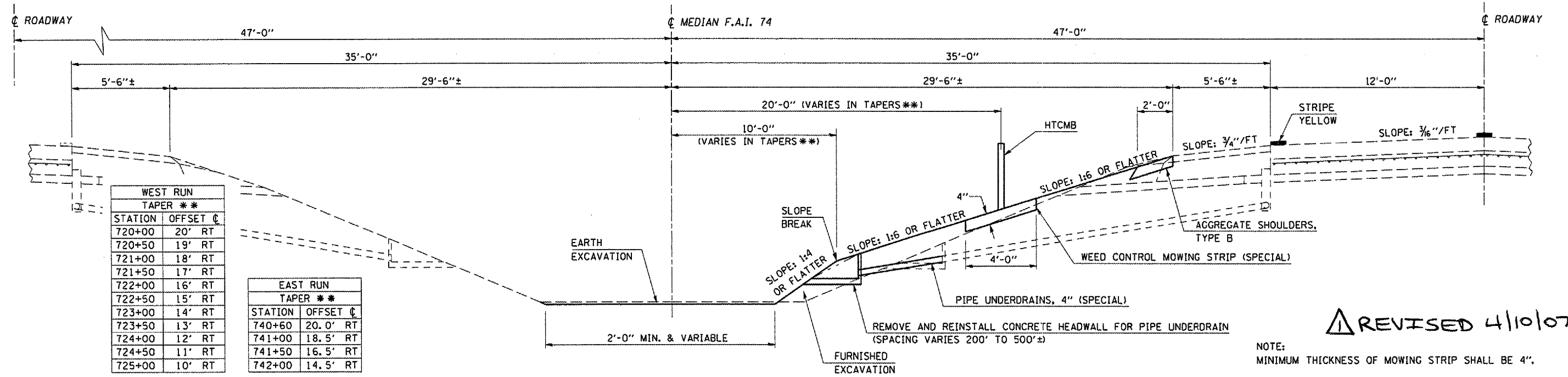


* SLOPE VARIES IN SUPERELEVATION AREAS WITH A MAXIMUM OF 0.08 FT/FT DIFFERENCE IN PAVEMENT SLOPE AND SHOULDER SLOPE

PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
 712+00.00 725+00.00
 726+50.00 744+00.00

PROPOSED TYPICAL CROSS SECTION REVISED ON 04-09-07 (THIS SHEET ONLY)



NOTE: MINIMUM THICKNESS OF MOWING STRIP SHALL BE 4".

REVISIED 4/10/07

PLOT DATE : 4/17/2007
 PLOT SCALE : 48.359' / IN.
 USER NAME : philip.y

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57&74	*	**	151	16

* D5 CABLE GUARD 2007-2
 ** CHAMPAIGN, DEWITT & DOUGLAS

SCHEDULES OF QUANTITIES

EARTHWORK ANALYSIS

LOCATION	20200100 EARTH EXCAVATION (CU. YD.)	EARTH EX. SHRINK(25%) (CU. YD.)	EMBANKMENT (CU. YD.)	20400800 FURNISHED EXCAVATION (CU. YD.)
<u>DOUGLAS COUNTY</u>				
LOC #1 TUSCOLA (I-57 SBDL SHOULDER) LT. STA. 466+50 - 504+00	442.0	331.5	678.7	348.0
<u>CHAMPAIGN COUNTY</u>				
LOC #2 PESOTUM (I-57 SBPL MEDIAN) LT. STA. 173+50 - 251+00	2245.0	1684.0	4055.0	2371.0
<u>DEWITT COUNTY</u>				
LOC #3 FARMER CITY (I-74 EBPL MEDIAN) RT. STA. 711+50 - 744+50	221.0 172.0	165.8 129.0	2067.6 1451.7	1902.0 1323.0
TOTALS =	2908.0 2859.0			4621.0 4042.0



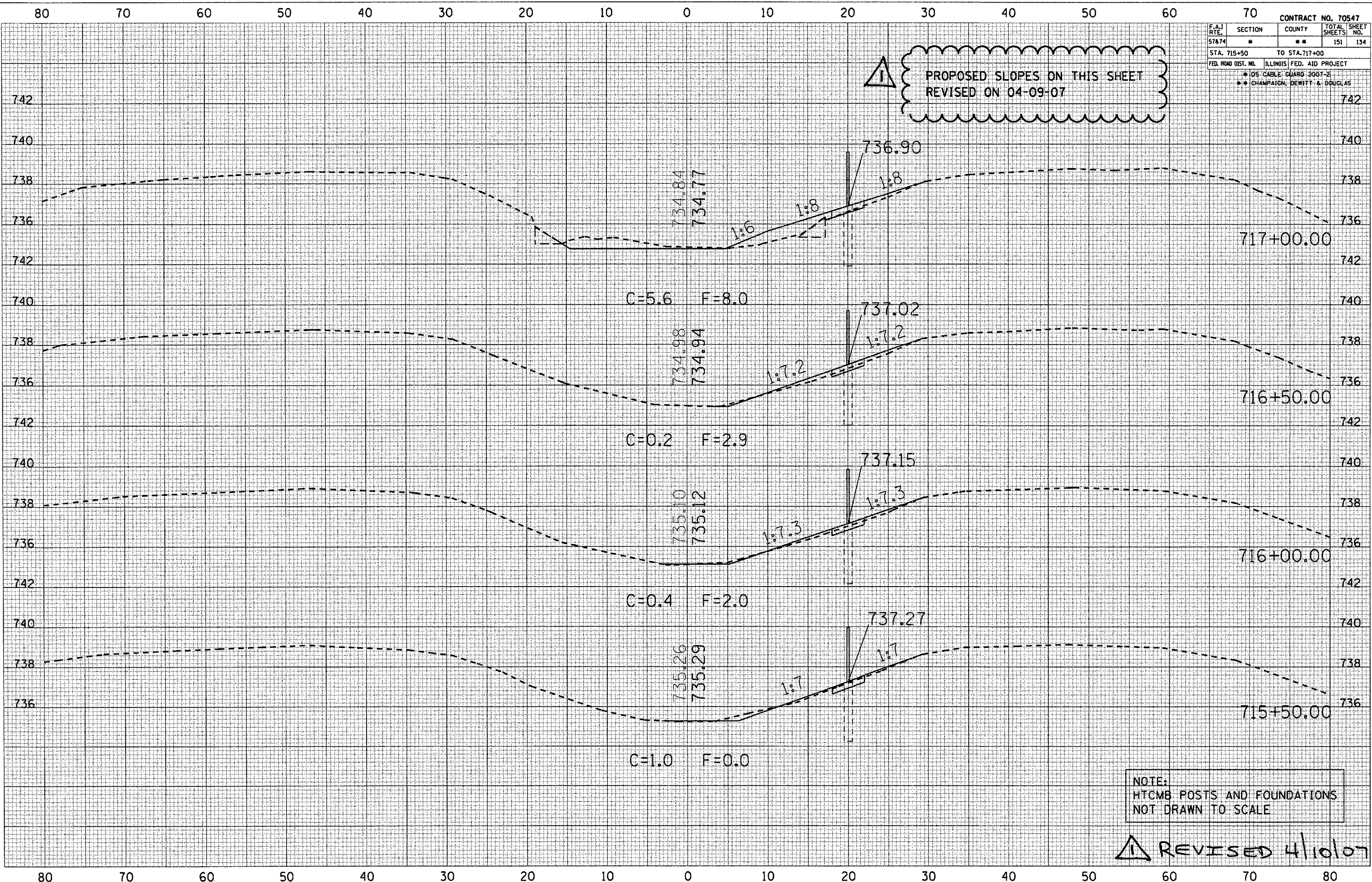
SEEDING SUMMARY

LOCATION	25000200 SEEDING CLASS 2 (ACRE)	25000400 NITROGEN (POUND)	25000500 PHOSPHORUS (POUND)	25000600 POTASSIUM (POUND)	25100115 MULCH METHOD 2 (ACRE)	28000250 TEMP. EROS. CTL SEEDING (POUND)
<u>DOUGLAS COUNTY</u>						
LOC #1 TUSCOLA (I-57 SBDL SHOULDER) LT. STA. 466+50 - 504+00	2.1	189.0	189.0	189.0	2.1	210.0
<u>CHAMPAIGN COUNTY</u>						
LOC #2 PESOTUM (I-57 SBPL MEDIAN) LT. STA. 173+50 - 251+00	7.0	630.0	630.0	630.0	7.0	700.0
<u>DEWITT COUNTY</u>						
LOC #3 FARMER CITY (I-74 EBPL MEDIAN) RT. STA. 711+50 - 744+50	2.4	216.0	216.0	216.0	2.4	240.0
TOTALS =	11.5	1035.0	1035.0	1035.0	11.5	1150.0

PLOT DATE = 4/1/2007
 PLOT SCALE = 1" = 500'
 USER NAME = philip

△ REVISED 4/10/07

CONTRACT NO. 70547			
F.A.I. SECTION	COUNTY	TOTAL SHEET	SHEET NO.
57&74	**	151	134
STA. 715+50		TO STA. 717+00	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			
* 105 CABLE GUARD 2007-2			
** CHAMPAIGN, DEWITT & DOUGLAS			



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 USER NAME : phillips

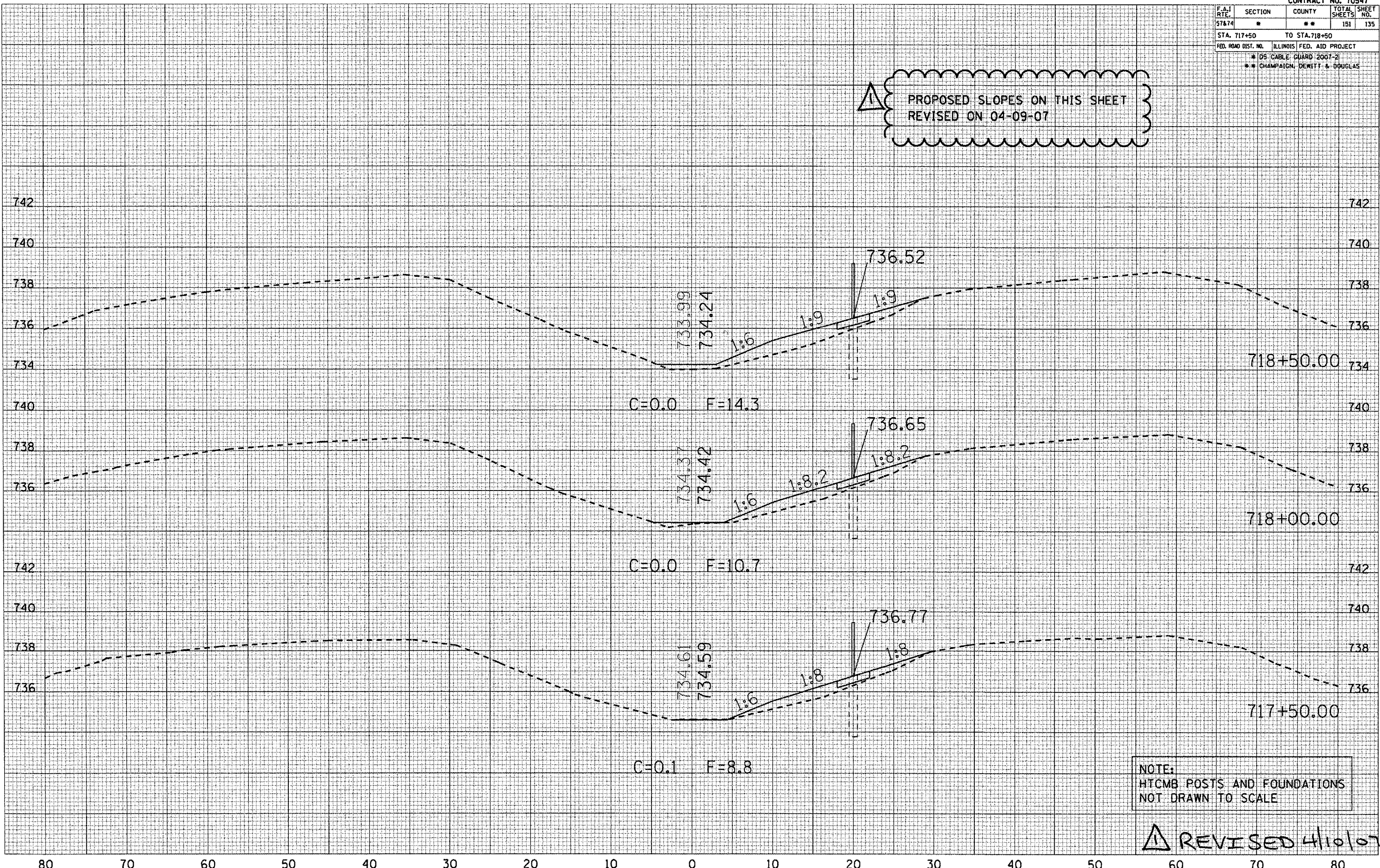
NOTE:
HTCMB POSTS AND FOUNDATIONS
NOT DRAWN TO SCALE

REVISIED 4/10/07

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CONTRACT NO. 70547			
F.A.I. RTE. 57&74	SECTION *	COUNTY **	TOTAL SHEET NO. 151 135
STA. 717+50		TO STA. 718+50	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
* OS. CABLE GUARD 2007-2			
** CHAMPAIGN, DEWEET & DOUGLAS			

⚠ PROPOSED SLOPES ON THIS SHEET
REVISED ON 04-09-07



NOTE:
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NOT DRAWN TO SCALE

⚠ REVISED 4/10/07

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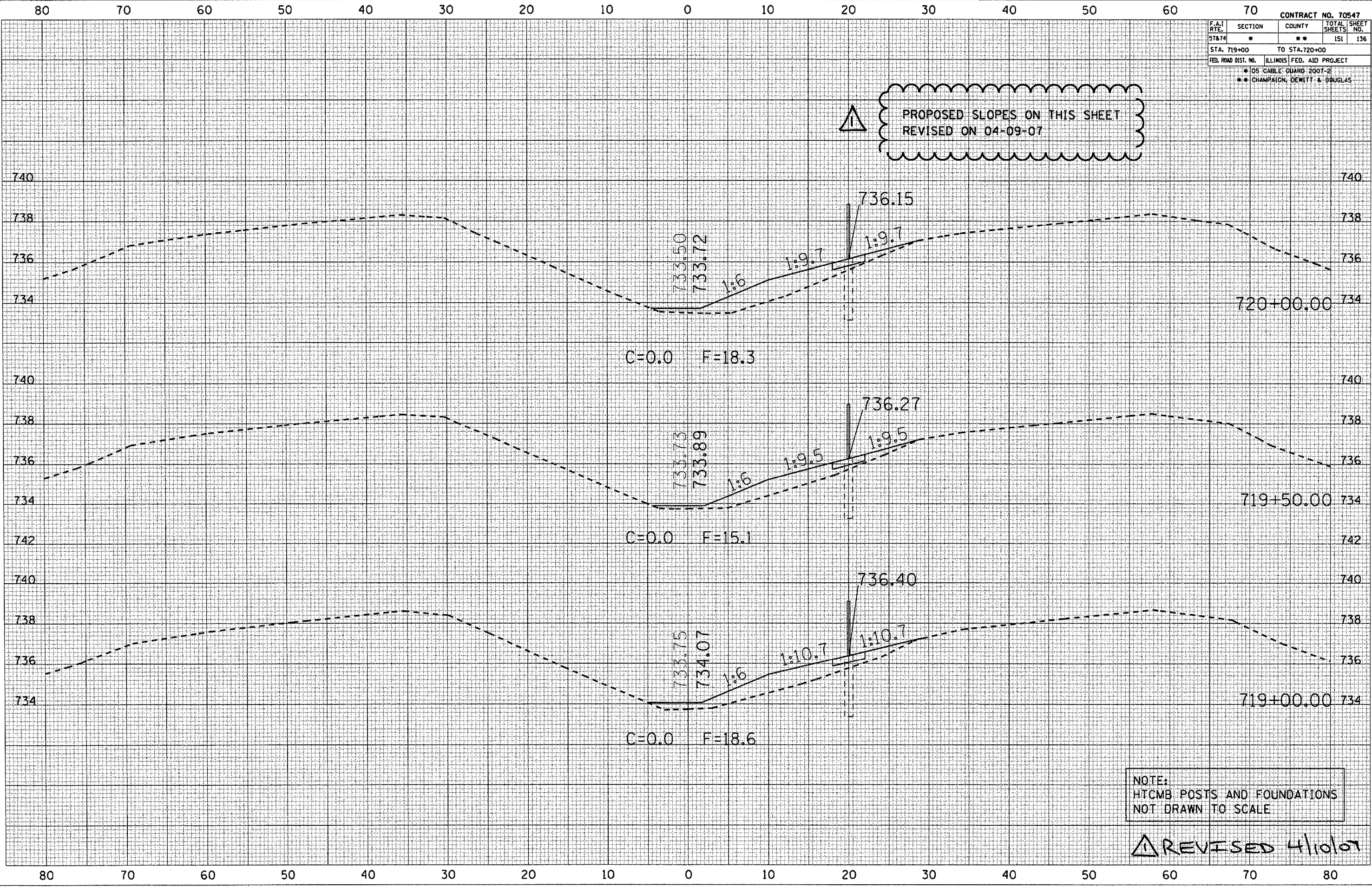
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57&74	**	151 136
STA. 719+00 TO STA. 720+00		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		
* OS GABLE GUARD 2007-2		
** CHAMPAIGN, DEWEY & DOUGLAS		

PROPOSED SLOPES ON THIS SHEET
REVISED ON 04-09-07

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NOTE:
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REVISOR 4/10/07

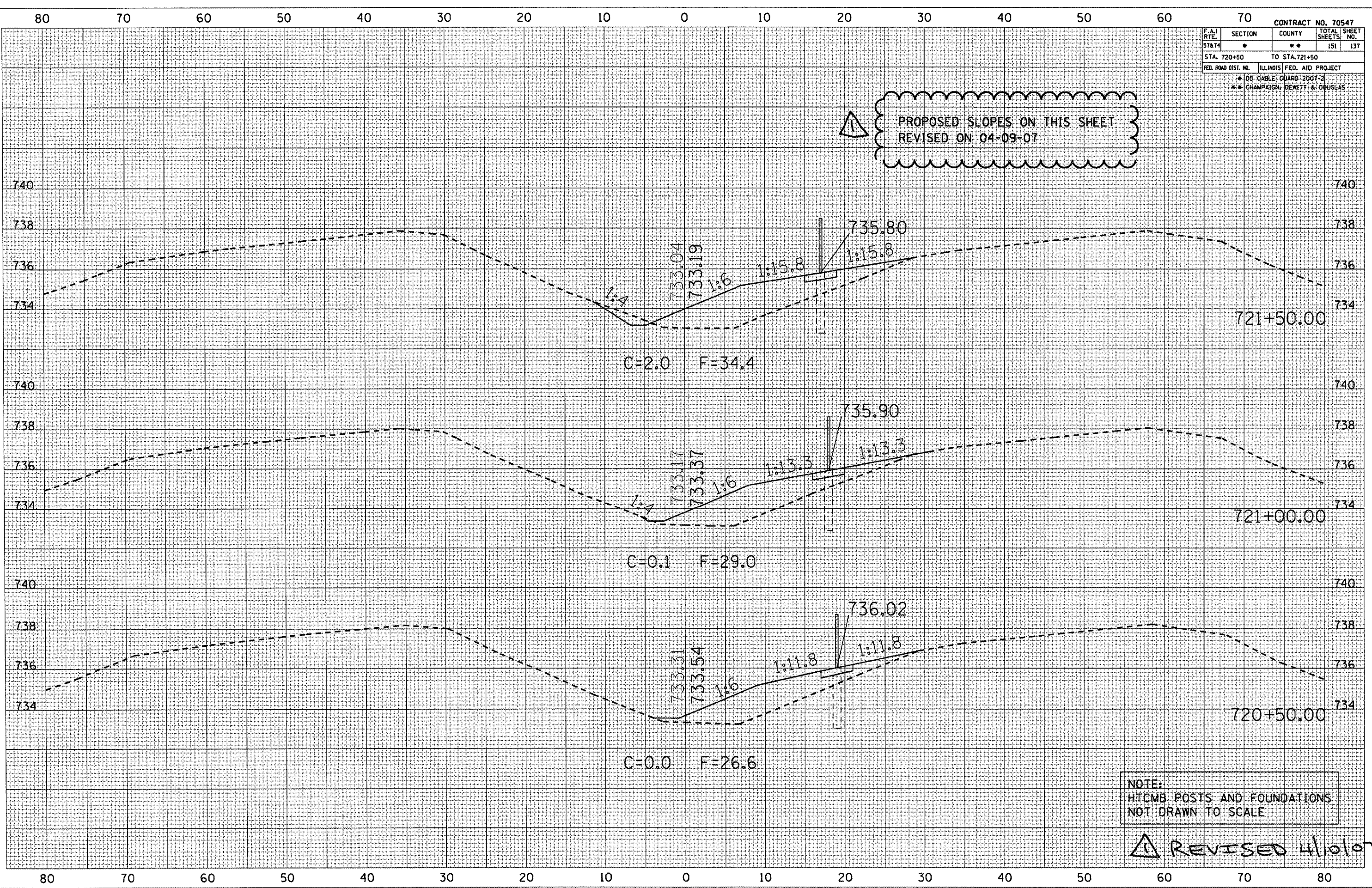
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		◆ OS CABLE GUARD 2007-2	
		◆ CHAMPAIGN, DEWETT & DOUGLAS	

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PROPOSED SLOPES ON THIS SHEET
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NOTE:
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△ REVISED 4/10/07

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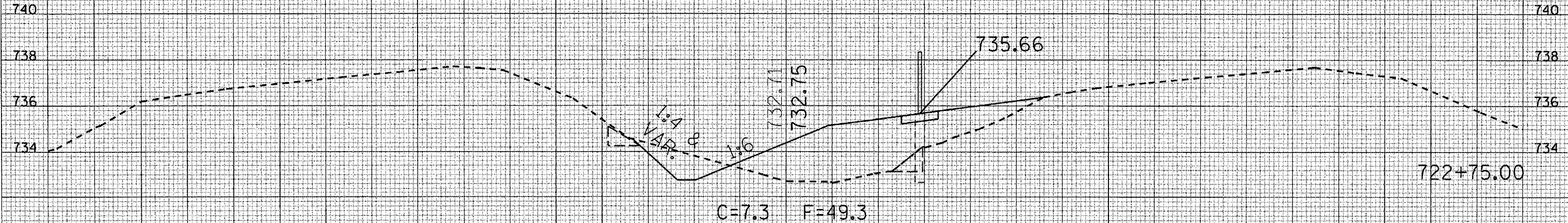
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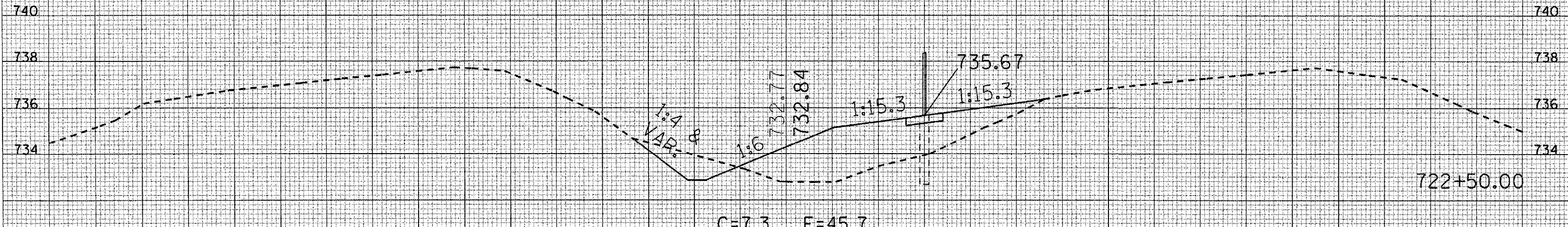
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57&74	*	**	151 138
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
* D5 CABLE GUARD 2007-2			
** CHAMPAIGN, DEWEY & DOUGLAS			

PROPOSED SLOPES ON THIS SHEET
REVISED ON 04-09-07

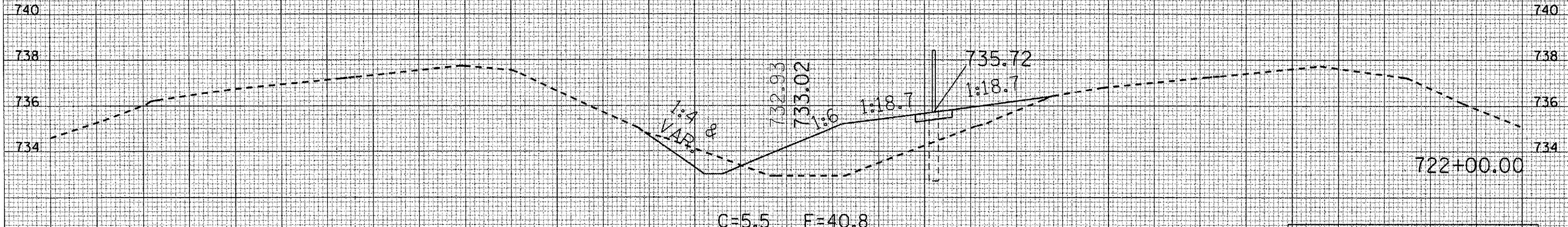
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NOTE:
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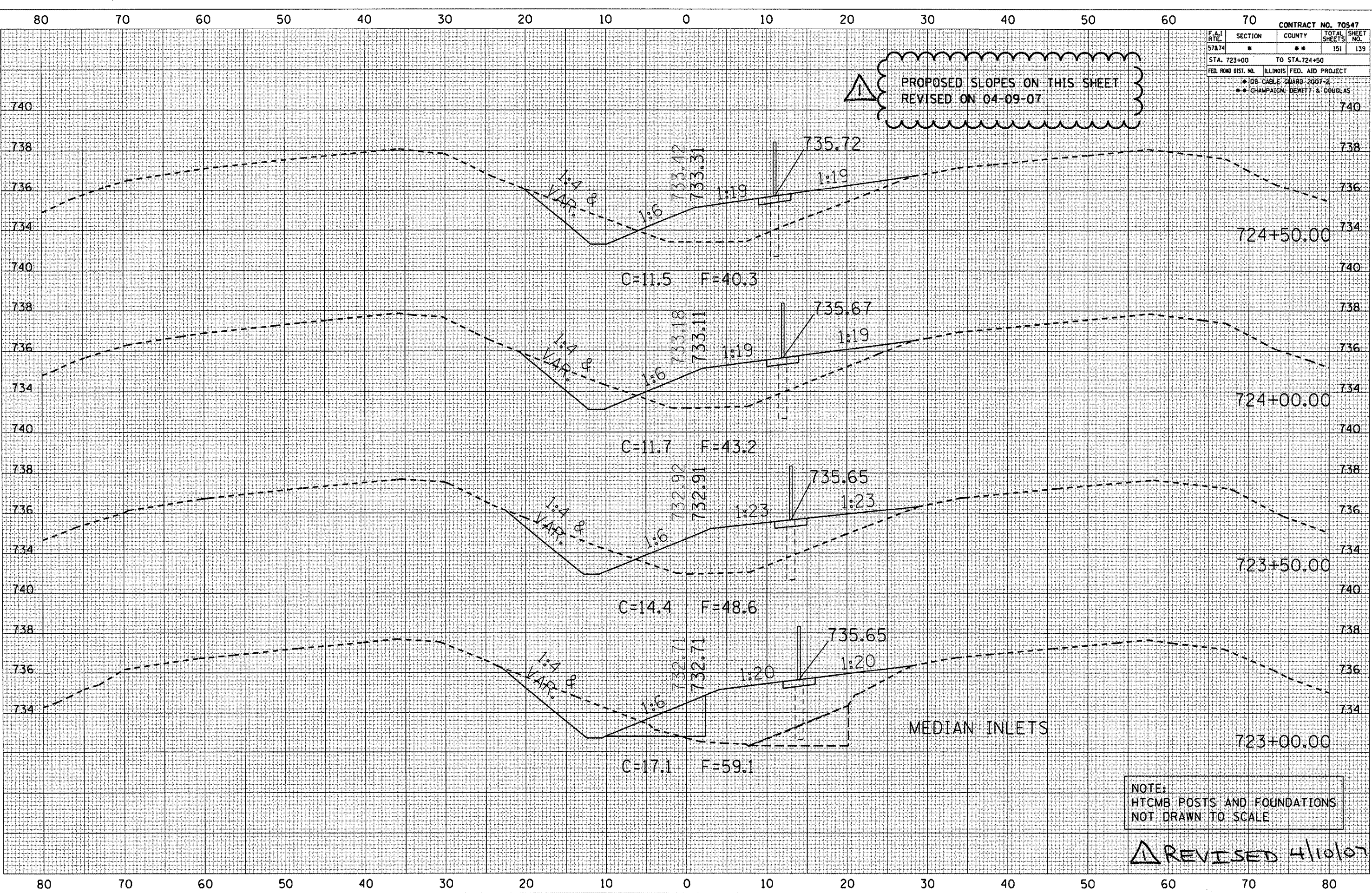
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
57&74	*	**	151
STA. 723+00		TO STA. 724+50	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
* DB CABLE GUARD 2007-2			
** CHAMPAIGN, DEWITT & DOUGLAS			

PROPOSED SLOPES ON THIS SHEET
REVISED ON 04-09-07

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 USER NAME = philipj



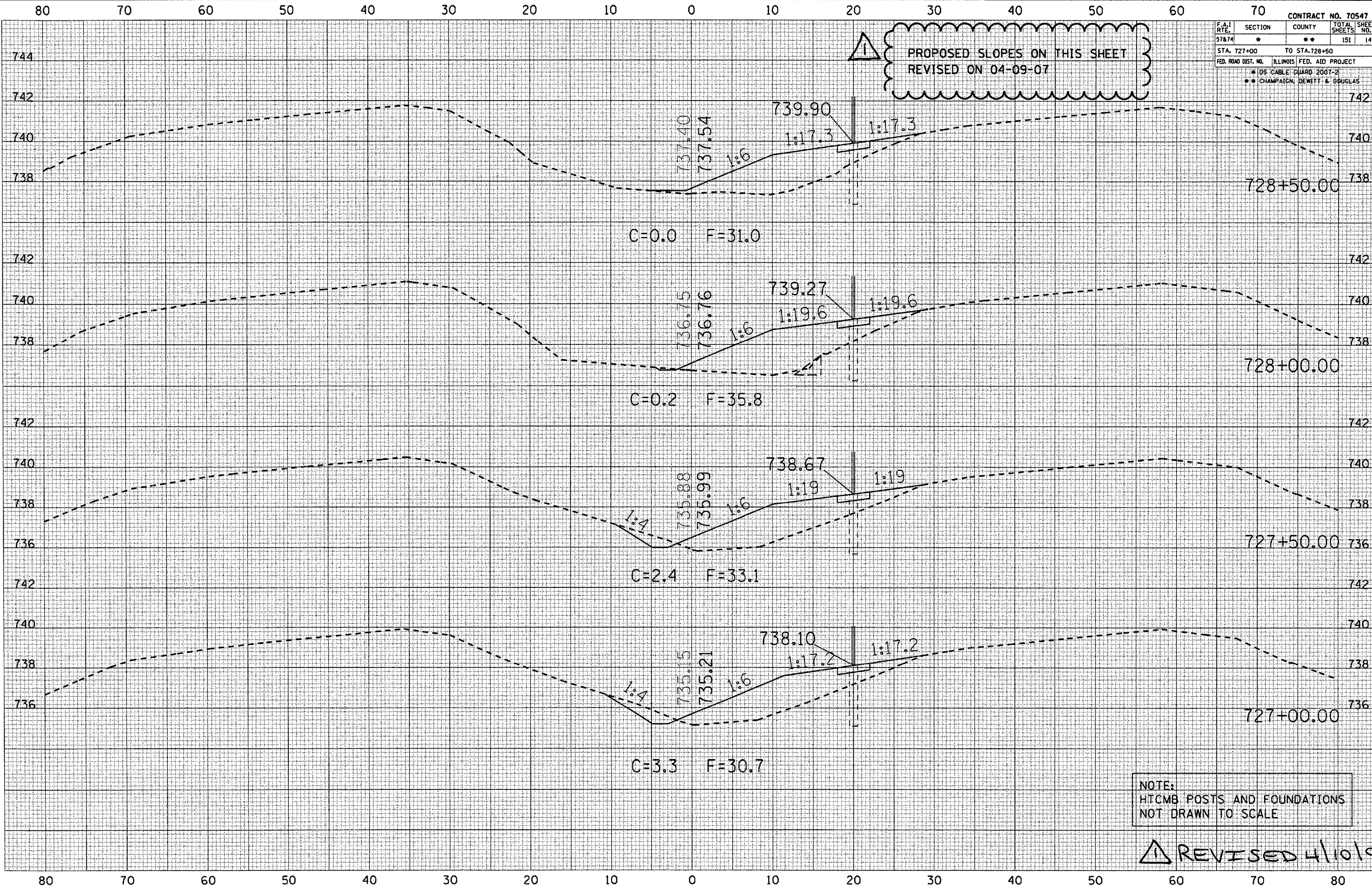
MEDIAN INLETS

NOTE:
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CONTRACT NO. 70547	
F.A.I. SECTION	TOTAL SHEET NO.
57&74	151 141
STA. 727+00 TO STA. 728+50	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
* 105 CABLE GUARD 2007-2	
** CHAMPAIGN, DEWETT & BOUGLAS	

PROPOSED SLOPES ON THIS SHEET
REVISED ON 04-09-07



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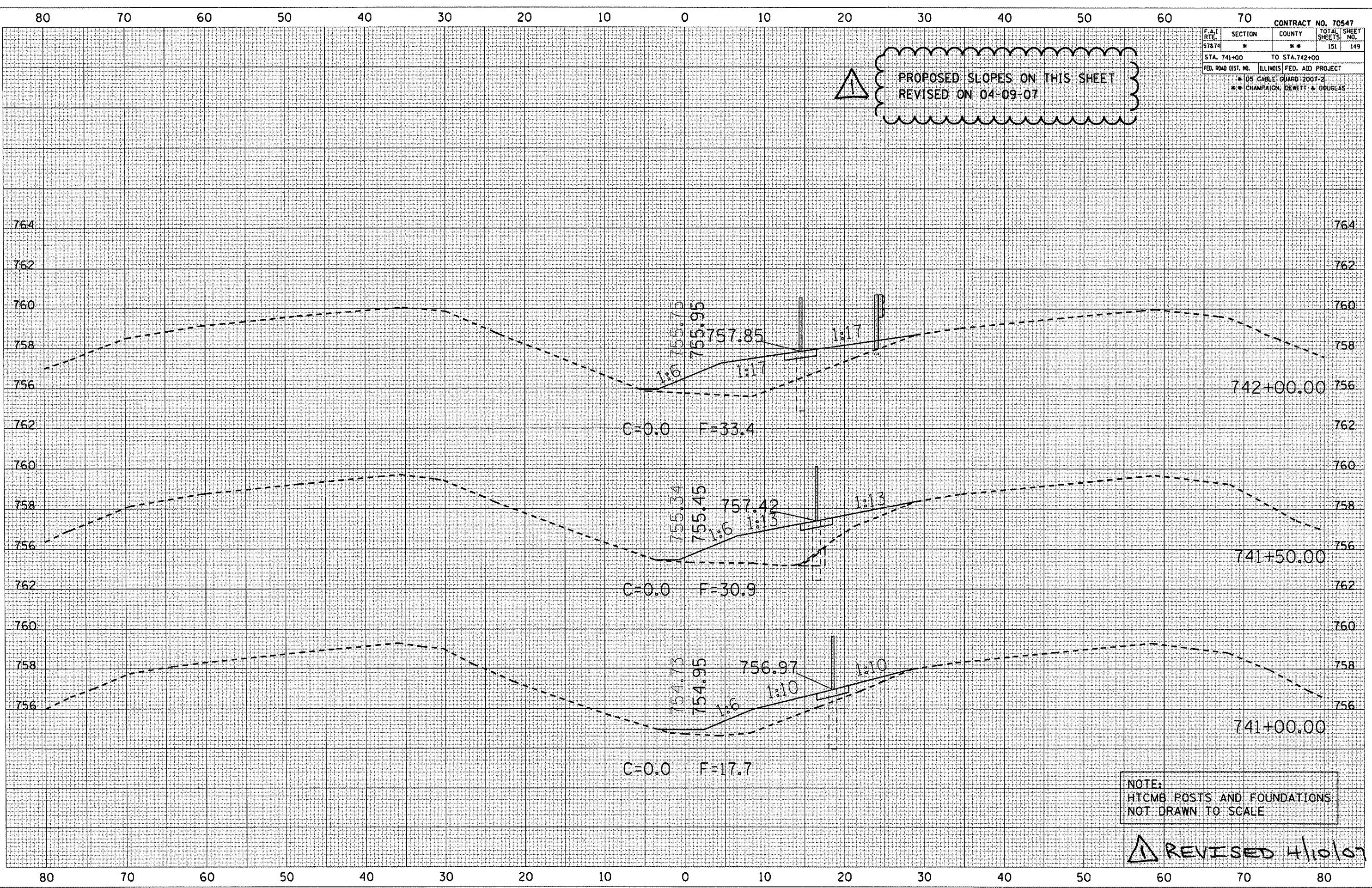
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
57&74	*	**	151 149
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FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
* I05 CABLE GUARD 2007-2			
** CHAMPAIGN, DEWITT & DOUGLAS			

**PROPOSED SLOPES ON THIS SHEET
REVISED ON 04-09-07**

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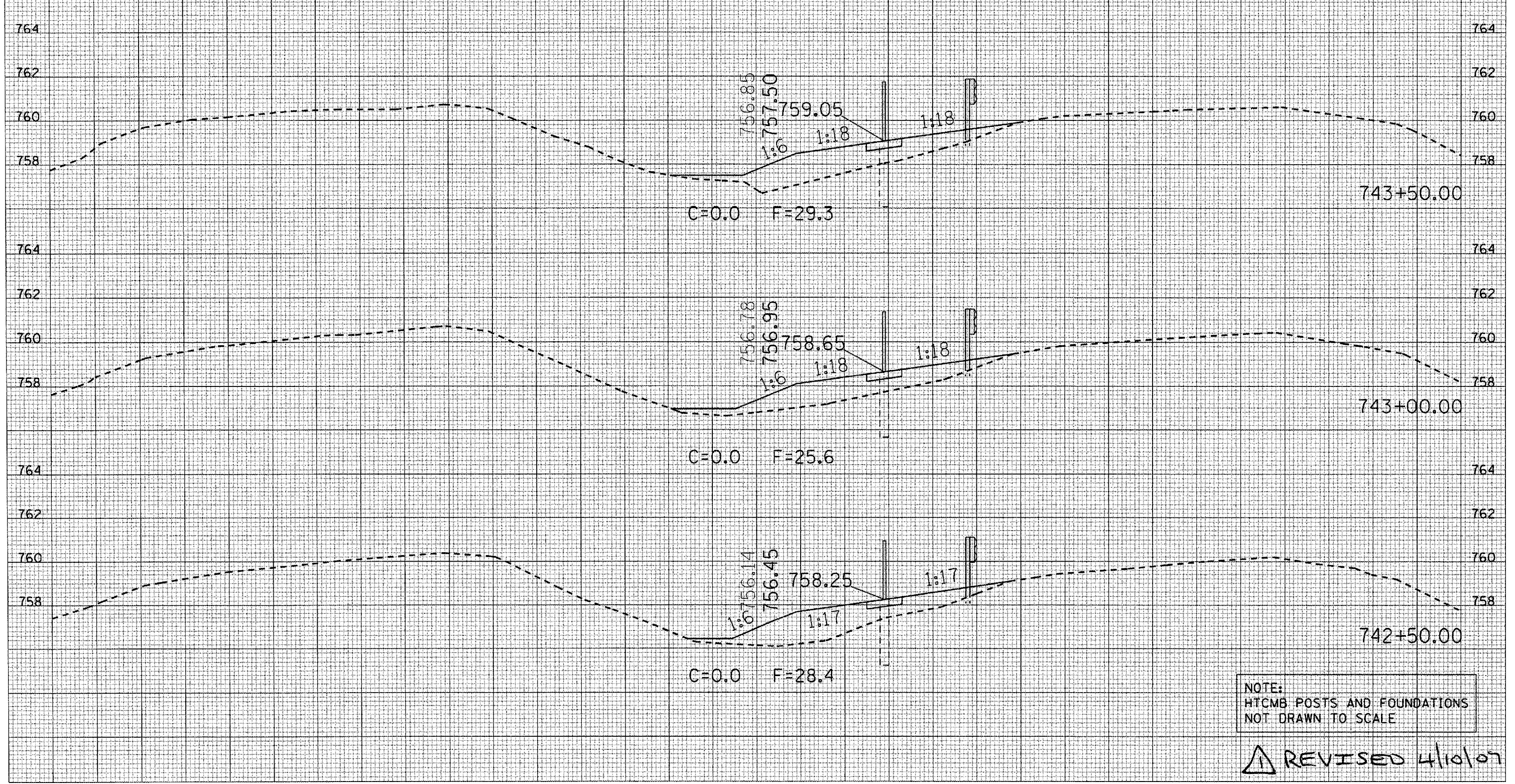


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CONTRACT NO. 70547			
F.A.I. RTE. 57&74	SECTION *	COUNTY **	TOTAL SHEET NO. 151
STA. 742+50		TO STA. 743+50	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
* DB CABLE GUARD 2007-2			
** CHAMPAIGN, DEWITT & DOUGLAS			

▲ PROPOSED SLOPES ON THIS SHEET
REVISED ON 04-09-07

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NOTE:
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▲ REVISED 4/10/07

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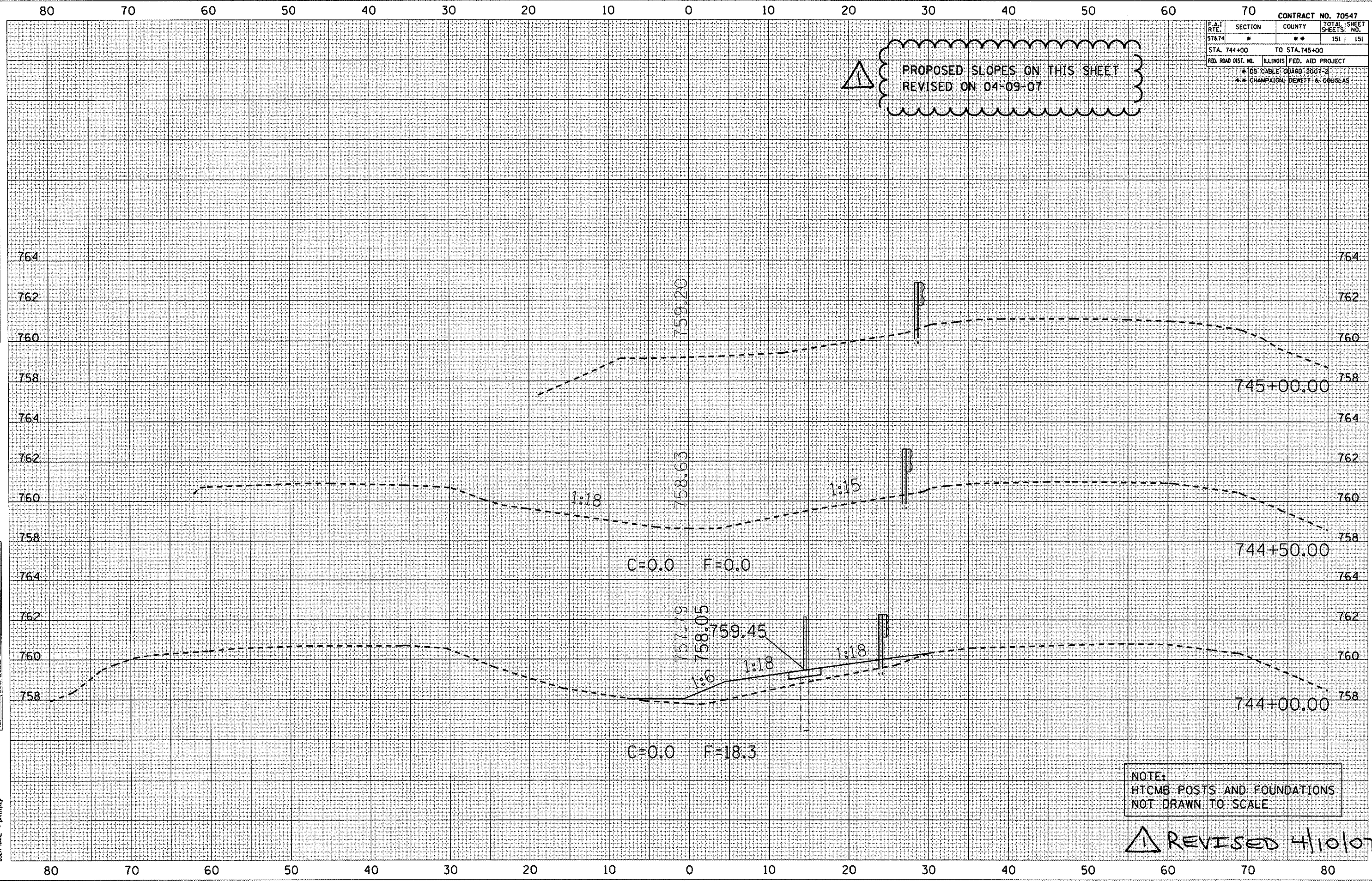
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SECTION	TOTAL SHEET
57&74	NO.
***	151
STA. 744+00 TO STA. 745+00	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
* 05 CABLE GUARD 2007-2	
** CHAMPAIGN, DEWEY & BOUGLAS	

PROPOSED SLOPES ON THIS SHEET
REVISED ON 04-09-07

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DATE	BY

PLOT DATE = 4/12/07
PLOT SCALE = 10:800 / IN.
USER NAME = philip



NOTE:
HTCMB POSTS AND FOUNDATIONS
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△ REVISED 4/10/07