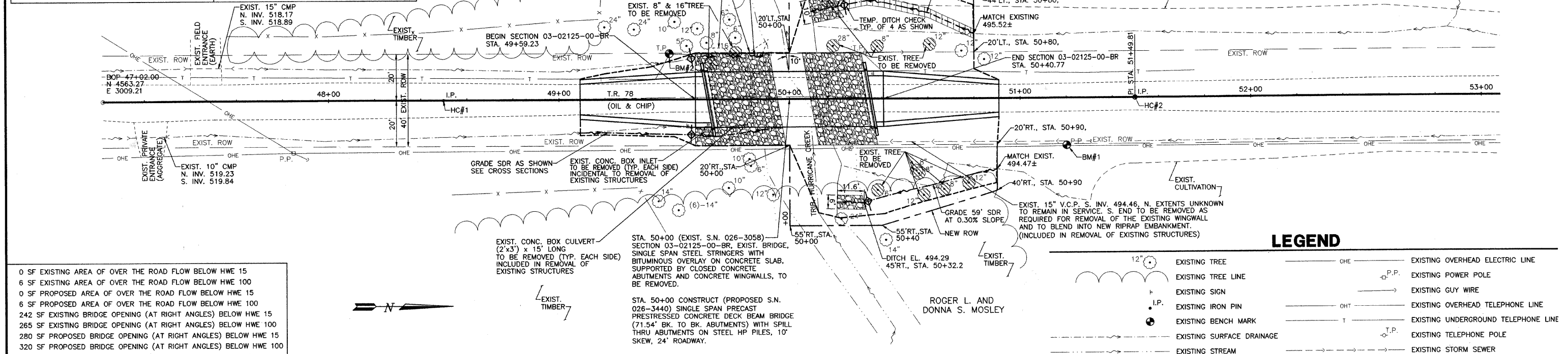
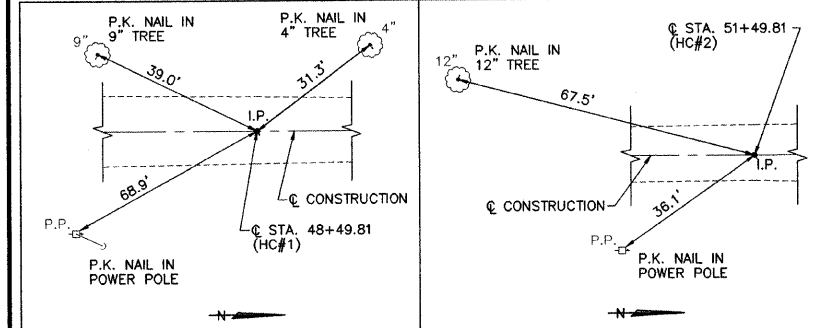


HORIZONTAL CONTROL COORDINATES				
POINT	LOCATION	N. COOR.	E. COOR.	ELEV.
HC#1 (IRON PIN)	© STA. 48+49.81	4711.08	3009.15	514.50
HC#2 (IRON PIN)	© STA. 51+49.81	5011.08	3009.03	500.67

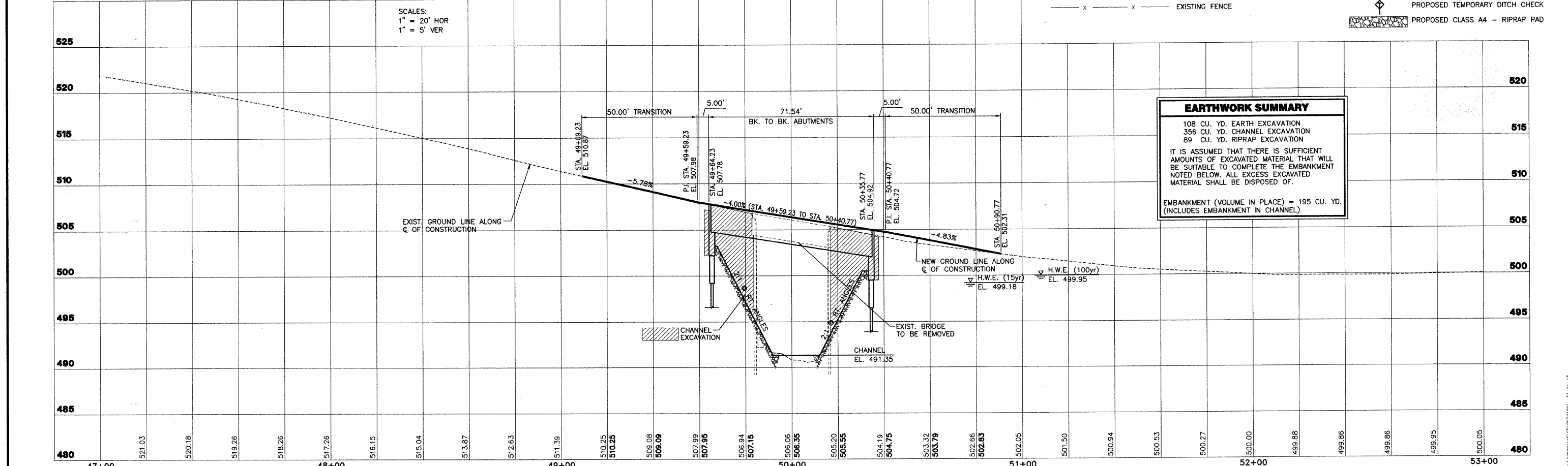
BENCH MARK COORDINATES				
POINT	LOCATION	ELEV.		
BM#1 (R.R. SPIKE IN POWER POLE)	RT. 20.54, STA. 51+20.19	498.77		
BM#2 (R.R. SPIKE IN TELEPHONE POLE)	LT. 19.79, STA. 49+47.89	511.82		



- 0 SF EXISTING AREA OF OVER THE ROAD FLOW BELOW HWE 15
- 6 SF EXISTING AREA OF OVER THE ROAD FLOW BELOW HWE 100
- 0 SF PROPOSED AREA OF OVER THE ROAD FLOW BELOW HWE 15
- 6 SF PROPOSED AREA OF OVER THE ROAD FLOW BELOW HWE 100
- 242 SF EXISTING BRIDGE OPENING (AT RIGHT ANGLES) BELOW HWE 15
- 265 SF EXISTING BRIDGE OPENING (AT RIGHT ANGLES) BELOW HWE 100
- 280 SF PROPOSED BRIDGE OPENING (AT RIGHT ANGLES) BELOW HWE 15
- 320 SF PROPOSED BRIDGE OPENING (AT RIGHT ANGLES) BELOW HWE 100

### LEGEND

	EXISTING TREE		EXISTING OVERHEAD ELECTRIC LINE
	EXISTING TREE LINE		EXISTING POWER POLE
	EXISTING SIGN		EXISTING GUY WIRE
	EXISTING IRON PIN		EXISTING OVERHEAD TELEPHONE LINE
	EXISTING BENCH MARK		EXISTING UNDERGROUND TELEPHONE LINE
	EXISTING SURFACE DRAINAGE		EXISTING TELEPHONE POLE
	EXISTING STREAM		EXISTING STORM SEWER
	EXISTING FENCE		PROPOSED TEMPORARY DITCH CHECK
			PROPOSED CLASS A4 - RIPRAP PAD



#### EARTHWORK SUMMARY

108 CU. YD. EARTH EXCAVATION  
 356 CU. YD. CHANNEL EXCAVATION  
 89 CU. YD. RIPRAP EXCAVATION

IT IS ASSUMED THAT THERE IS SUFFICIENT AMOUNTS OF EXCAVATED MATERIAL THAT WILL BE SUITABLE TO COMPLETE THE EMBANKMENT NOTED BELOW. ALL EXCESS EXCAVATED MATERIAL SHALL BE DISPOSED OF.

EMBANKMENT (VOLUME IN PLACE) = 195 CU. YD.  
 (INCLUDES EMBANKMENT IN CHANNEL)

SCALES:  
 1" = 20' HOR  
 1" = 5' VER

L:\20070111\ep\RCp01001.dwg, 12/11/2007 4:20:09 PM

L:\20070111\ep\RCp01001.dwg, 12-11-07