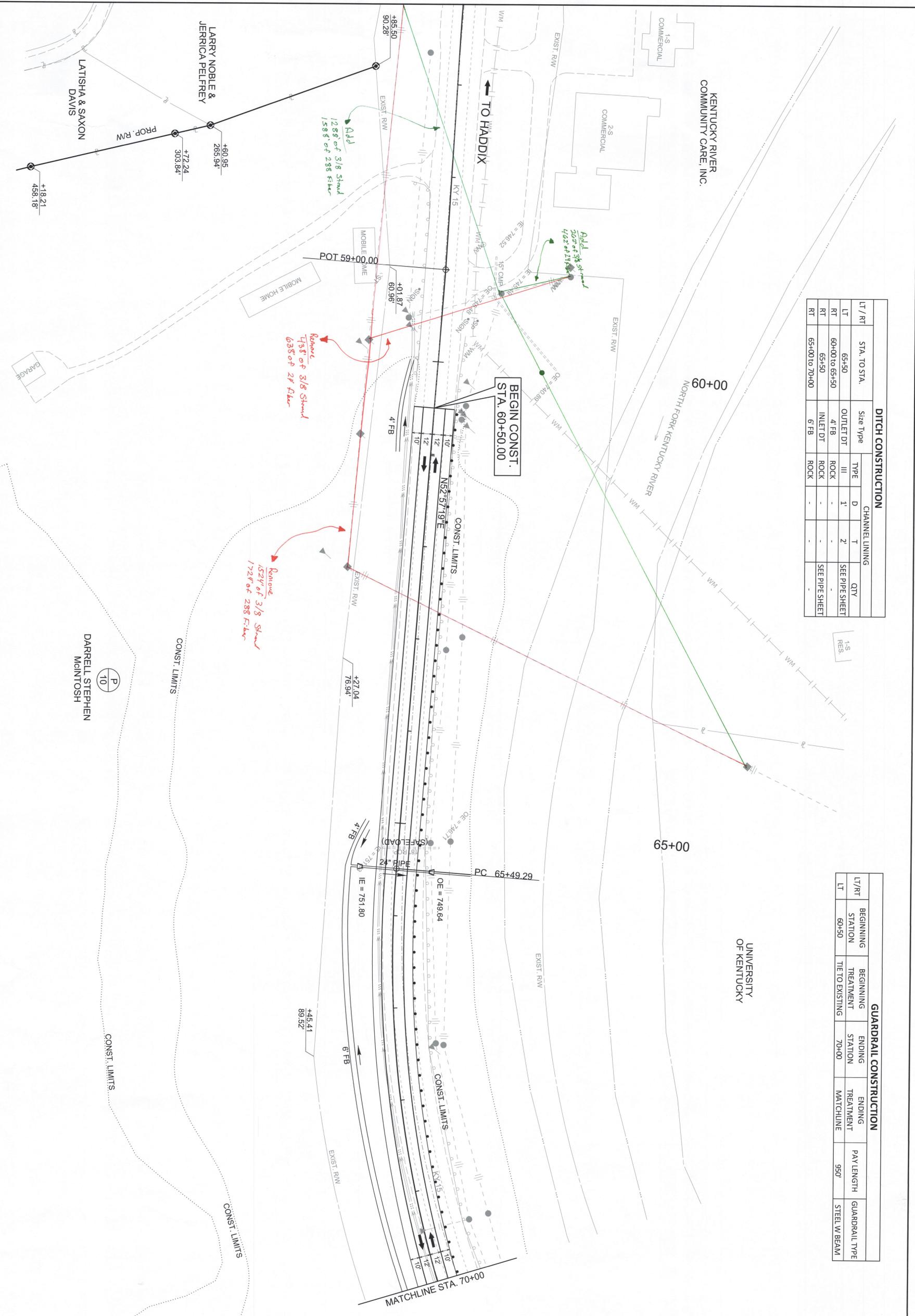
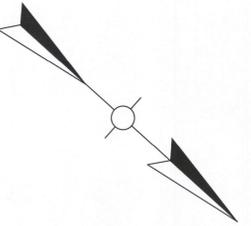


DITCH CONSTRUCTION					
LT / RT	STA. TO STA.	Size Type	CHANNEL LINING		QTY
			TYPE	D	
LT	65+50	OUTLET DT	III	1'	SEE PIPE SHEET
RT	60+00 to 65+50	4' FB	ROCK	-	SEE PIPE SHEET
RT	65+50	INLET DT	ROCK	-	SEE PIPE SHEET
RT	65+00 to 70+00	6' FB	ROCK	-	SEE PIPE SHEET

GUARDRAIL CONSTRUCTION					
LT/RT	BEGINNING STATION	BEGINNING TREATMENT	ENDING STATION	ENDING TREATMENT	PAY LENGTH
LT	60+50	TIE TO EXISTING	70+00	MATCHLINE	950'
					GUARDRAIL TYPE
					STEEL W BEAM

**INITIAL KY 15**  
 PI STA. 85+12.75  
 (X) = 5620963.4631  
 (Y) = 3725620.1943  
 D = 115°52'13" LT  
 C = 04°39'29"  
 T = 1963.46'  
 L = 2487.45'  
 R = 1230.00'  
 E = 1086.91'  
 e = 7.6%  
 Runoff (Back) = 182'  
 Runoff (Ahead) = 318.5'  
 Runout (Back) = 47.9'  
 Runout (Ahead) = 83.83'



**COMMONWEALTH OF KENTUCKY**  
 DEPARTMENT OF HIGHWAYS

**TEAM KENTUCKY**

**DRAWING TITLE: KY 15 PLAN SHEET**

HORIZONTAL SCALE  
 SCALE: 1"=50'

0' 50' 100' 200'

STA. 59+00 TO STA. 70+00

ITEM NO. 10-5014.00 COUNTY OF BREATHITT  
 SHEET NO. R4

OpenRoads Designer v10.16.2.267

USER: eJordan

FILE NAME: G:\ENGR\HD\3560.00 KY 15 BREATHITT COUNTY\PHASE I\CAD\PLAN PRODUCTION\PLAN\PLAN 1.DGN

NORTH FORK KENTUCKY RIVER

INITIAL KY 15	
PI STA.	106+30.40
(X)	= 561796.4395
(Y)	= 3727239.7844
D	= 57°03'21" RT
C	= 05°58'06"
T	= 521.84'
L	= 955.98'
R	= 960.00'
E	= 132.67'
e	= 8.0%
Runoff	= 336'
Runout	= 84'

DITCH CONSTRUCTION				
LT / RT	STA. TO STA.	Size Type	TYPE	QTY
RT	104+50 to 107+00	4' FB	ROCK	-
RT	108+50 to 113+50	4' FB	II	1.5'
				521 TONS

GUARDRAIL CONSTRUCTION						
LT/RT	BEGINNING STATION	BEGINNING TREATMENT	ENDING STATION	ENDING TREATMENT	PAY LENGTH	GUARDRAIL TYPE
LT	105+00	MATCHLINE	106+50	TY. 1	100'	STEEL W BEAM
LT	107+55	TY. 1	113+96	TY. 1	650'	STEEL W BEAM
RT	111+00	TY. 1	113+89	TIE TO EXISTING	237.5'	STEEL W BEAM

ULTIMATE KY 15	
PI STA.	305+85.57
(X)	= 5617826.5228
(Y)	= 3727245.7404
D	= 56°44'53" RT
C	= 05°58'06"
T	= 518.51'
L	= 950.82'
R	= 960.00'
E	= 131.08'
e	= 8.0%
Runoff	= 336'
Runout	= 84'

APPR. 107+55 RT.	
PI STA.	52+51.45
(X)	= 5618031.0760
(Y)	= 3727603.1623
D	= 31°25'54" LT
C	= 13°38'31"
T	= 118.18'
L	= 230.41'
R	= 420.00'
E	= 16.31'
e	= 5.4%
Runoff	= 89'
Runout	= 33'

APPR. 107+55 RT.	
PI STA.	56+24.86
(X)	= 5618186.7972
(Y)	= 3727949.0906
D	= 15°35'18" RT
C	= 05°46'54"
T	= 135.65'
L	= 269.62'
R	= 991.00'
E	= 9.24'
e	= 5.0%
Runoff	= 98'
Runout	= 39'

ULTIMATE KY 15	
PI STA.	317+69.41
(X)	= 5617690.0864
(Y)	= 3728508.4161
D	= 19°32'57" LT
C	= 02°42'09"
T	= 365.22'
L	= 723.34'
R	= 2120.00'
E	= 31.23'
e	= 5.6%
Runoff	= 234.5'
Runout	= 83.83'

