



TRANSPORTATION CABINET

Frankfort, Kentucky 40622
www.transportation.ky.gov/

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

August 11, 2014

CALL NO. 102
CONTRACT ID NO. 141041
ADDENDUM # 1

Subject: Pulaski County, HSIP 5105 (035)
Letting August 22, 2014

- (1) Revised - Plans - R1, R2, R2A, R2B, R3, R5, R11, & X14
- (2) Added - Special Notes - Pages 17(a)-17(c) of 105
- (3) Revised - Bid Items - Pages 104-105 of 105

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

Plan revisions are available at <http://www.lynnimaging.com/kytransportation/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in blue ink that reads "Diana Castle Radcliffe".

Diana Castle Radcliffe
Director
Division of Construction Procurement

DR:ks
Enclosures



An Equal Opportunity Employer M/F/D

FILE NAME: C:\PIWORK\BRIAN.DUNBAR\0942089\RO0100LS.DGN

USER: Brian.Dunbar
DATE PLOTTED: August 7, 2014

E-SHEET NAME:

MicroStation v8.11.7.443

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
R1	LAYOUT SHEET
R2	TYPICAL SECTIONS
R2A	SUMMARY OF QUANTITIES
R2B	GENERAL NOTES
R3 - R6	PLAN AND PROFILE SHEETS
R7	ENTRANCE PROFILES
R8	TRAFFIC CONTROL NOTES
R9	EROSION CONTROL
R10	COORDINATE CONTROL
R11	PIPE SECTIONS
R12	SEPIA - DELINEATORS FOR GUARDRAIL
R13	SEPIA - GUARDRAIL COMPONENTS
R14	SEPIA - CENTERLINE RUMBLE STRIPS
R15	SEPIA - GUARDRAIL STEEL W-BEAM
R16	SEPIA - GUARDRAIL POSTS
S1 - S8	STRUCTURE PLANS
X1 - X17	CROSS SECTION SHEETS

SHEETS NOT INCLUDED IN TOTAL SHEETS	
R2A - R2B	

STANDARD DRAWINGS	
NUMBER	
RBI-001-10	RD1-001-09
RBI-002-06	RD1-020-08
RBI-004-04	RD1-021
RBR-010-05	RD1-025-04
RBR-015-04	RGX-001-05
RBR-016-04	RGX-010-03
RBR-020-05	RPM-110-06
RDB-105-05	RPM-110-06
RDB-106-04	RDX-225

TOTAL STANDARD DRAWINGS: 18

ADDED STANDARD DRAWING RDX-225

BEFORE YOU DIG

The contractor is instructed to call 1-800-752-6007 to reach KY 811, the one-call system for information on the location of existing underground utilities. The call is to be placed a minimum of two (2) and no more than ten (10) business days prior to excavation. The contractor should be aware that owners of underground facilities are not required to be members of the KY 811 one-call Before-U-Dig (BUD) service. The contractor must coordinate excavation with the utility owners, including those whom do not subscribe to KY 811. It may be necessary for the contractor to contact the County Court Clerk to determine what utility companies have facilities in the area.

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS

PLANS OF
PROPOSED PROJECT

PULASKI COUNTY
KY 70 IMPROVEMENTS AT BUCK CREEK
HSIP 5105 (035)
FD52 100 0070 009-010

REVISED 8-11-14



THIS PROJECT IS OFF THE NH SYSTEM

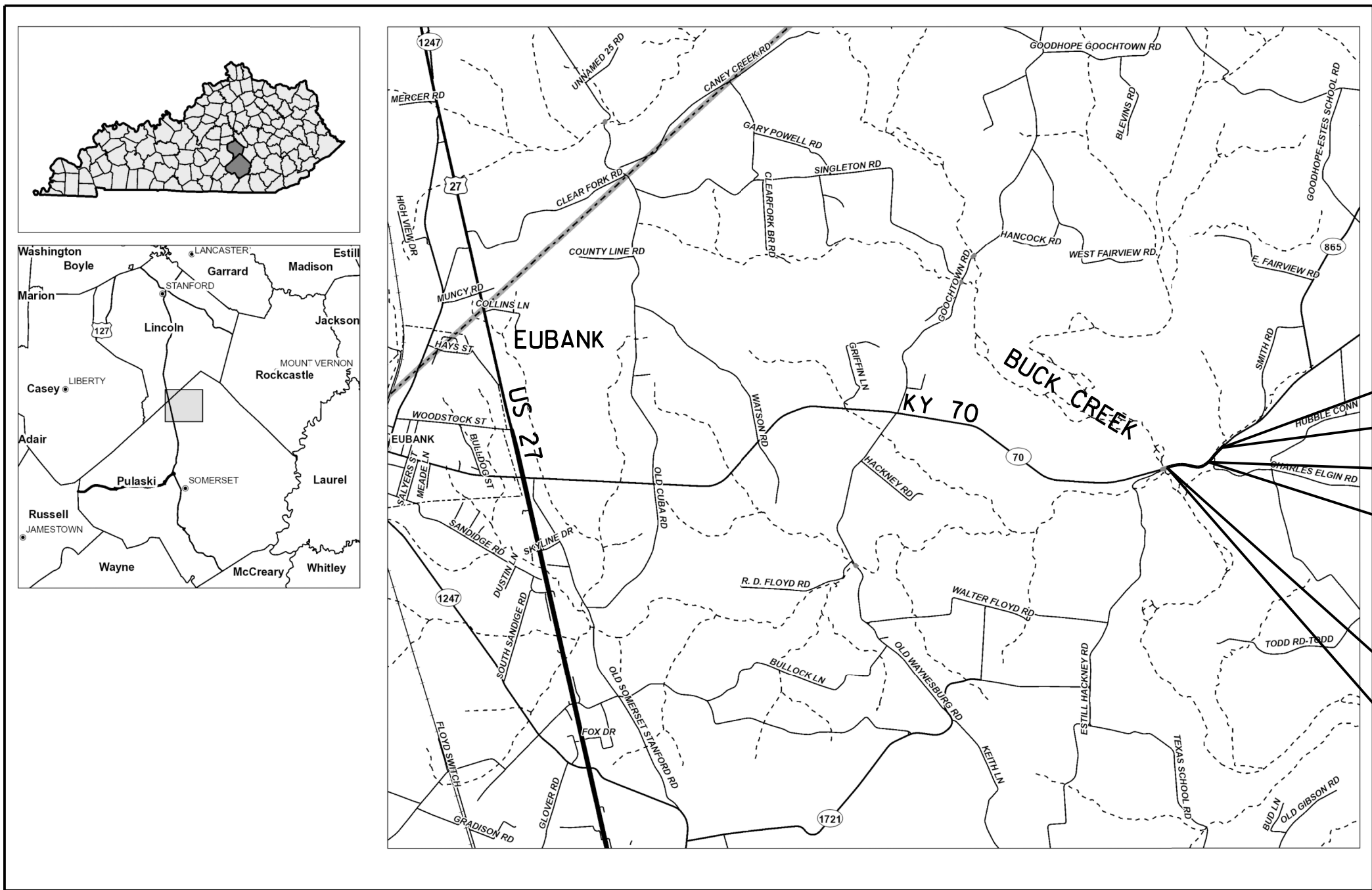
THESE PLANS ARE FOR GRADE,
DRAIN, & SURFACING

STA. 25+00.0
END PROJECT

STA. 18+82.27
CONSTRUCT 9 LF
12' x 6' RCBC EXTENSION

STA. 5+00.0
BEGIN PROJECT

THE CONTROL OF ACCESS ON THIS
PROJECT SHALL BE BY PERMIT



LAYOUT MAP

DESIGN CRITERIA	
CLASS OF HIGHWAY	RURAL MINOR COLLECTOR
TYPE OF TERRAIN	ROLLING
DESIGN SPEED	N/A
REQUIRED NPSD	N/A
REQUIRED PSD	N/A
LEVEL OF SERVICE	N/A
ADT PRESENT (2011)	1,081
ADT FUTURE (----)	----
DHV	N/A
D %	N/A
T %	9.7%
GEOGRAPHIC COORDINATES	
LATITUDE	37 DEGREES 16 MINUTES 33 SECONDS NORTH
LONGITUDE	84 DEGREES 34 MINUTES 13 SECONDS WEST
DESIGNED	
% RESTRICTED SD	
LEVEL OF SERVICE	
MAX. DISTANCE W/O PASSING	

LENGTH 2,000.00 LIN. FT. 0.379 MILES	LENGTH _____ LIN. FT. _____ MILES	LENGTH _____ LIN. FT. _____ MILES	LENGTH _____ LIN. FT. _____ MILES
ADDED _____ FOR EQUALITIES _____ LIN. FT.	ADDED _____ FOR EQUALITIES _____ LIN. FT.	ADDED _____ FOR EQUALITIES _____ LIN. FT.	ADDED _____ FOR EQUALITIES _____ LIN. FT.
DEDUCTED _____ NOT INCLUDED	DEDUCTED _____ NOT INCLUDED	DEDUCTED _____ NOT INCLUDED	DEDUCTED _____ NOT INCLUDED
RAILROAD CROSSINGS NO. _____ LIN. FT.	RAILROAD CROSSINGS NO. _____ LIN. FT.	RAILROAD CROSSINGS NO. _____ LIN. FT.	RAILROAD CROSSINGS NO. _____ LIN. FT.
BRIDGES _____ LIN. FT.	BRIDGES _____ LIN. FT.	BRIDGES _____ LIN. FT.	BRIDGES _____ LIN. FT.

Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS COUNTY OF PULASKI	
ITEM NO.	8-926.00
PROJECT	HSIP 5105 (035)
NUMBER:	FD52 100 0070 009-010
LETTING DATE:	8-22-14
RECOMMENDED BY:	BRIAN DUNBAR PROJECT MANAGER DATE: 6-4-14
PLAN APPROVED BY:	STATE HIGHWAY ENGINEER DATE: 7-11-2014

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-926.00	RI



Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS

PLANS OF PROPOSED PROJECT

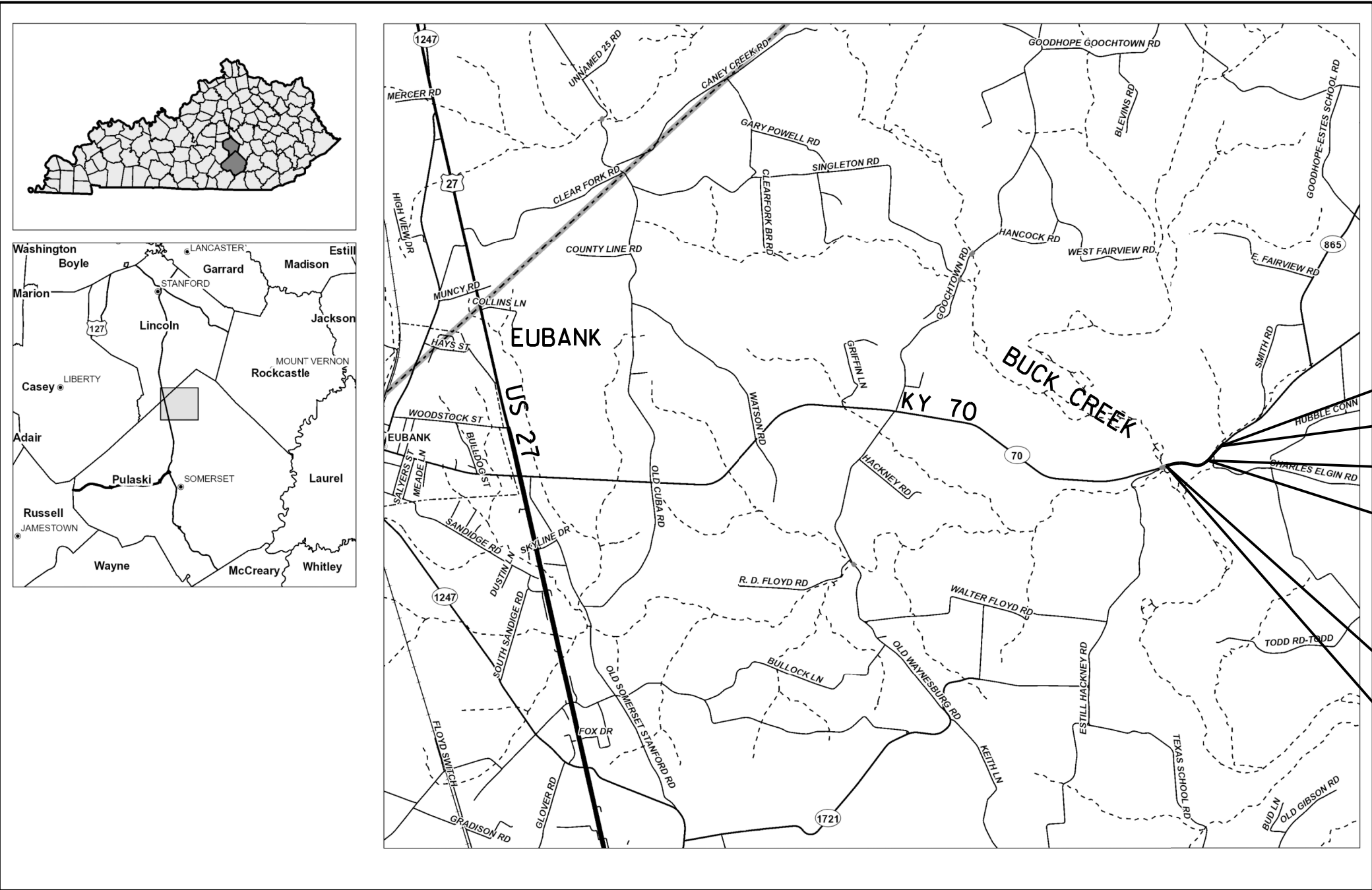
PULASKI COUNTY KY 70 IMPROVEMENTS AT BUCK CREEK HSIP 5105 (035) FD52 100 0070 009-010

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TOTAL STANDARD DRAWINGS: 18	

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DHV	N/A
D %	N/A
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GEOGRAPHIC COORDINATES

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DESIGNED

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LAYOUT MAP

Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS COUNTY OF PULASKI

ITEM NO. 8-926.00
PROJECT HSIP 5105 (035)
NUMBER: FD52 100 0070 009-010
LETTING DATE: 8-22-14

RECOMMENDED BY: BRIAN DUNBAR DATE: 6-4-14
PROJECT MANAGER
PLAN APPROVED BY: [Signature] DATE: 7-11-2014
STATE HIGHWAY ENGINEER

FILE NAME: C:\PIWORK\BRIAN.DUNBAR\0942089\ROO2001'S.DGN

USER: brian.dunbar
DATE PLOTTED: August 6, 2014

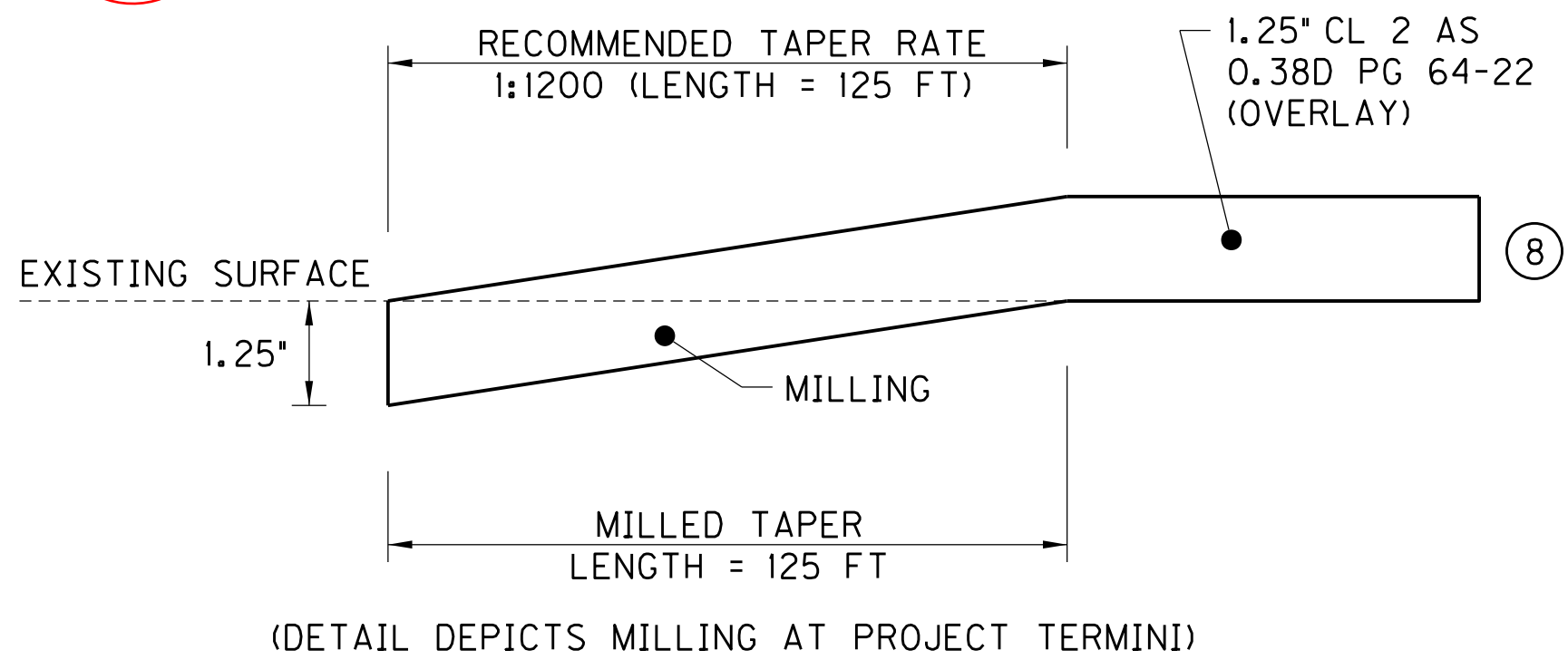
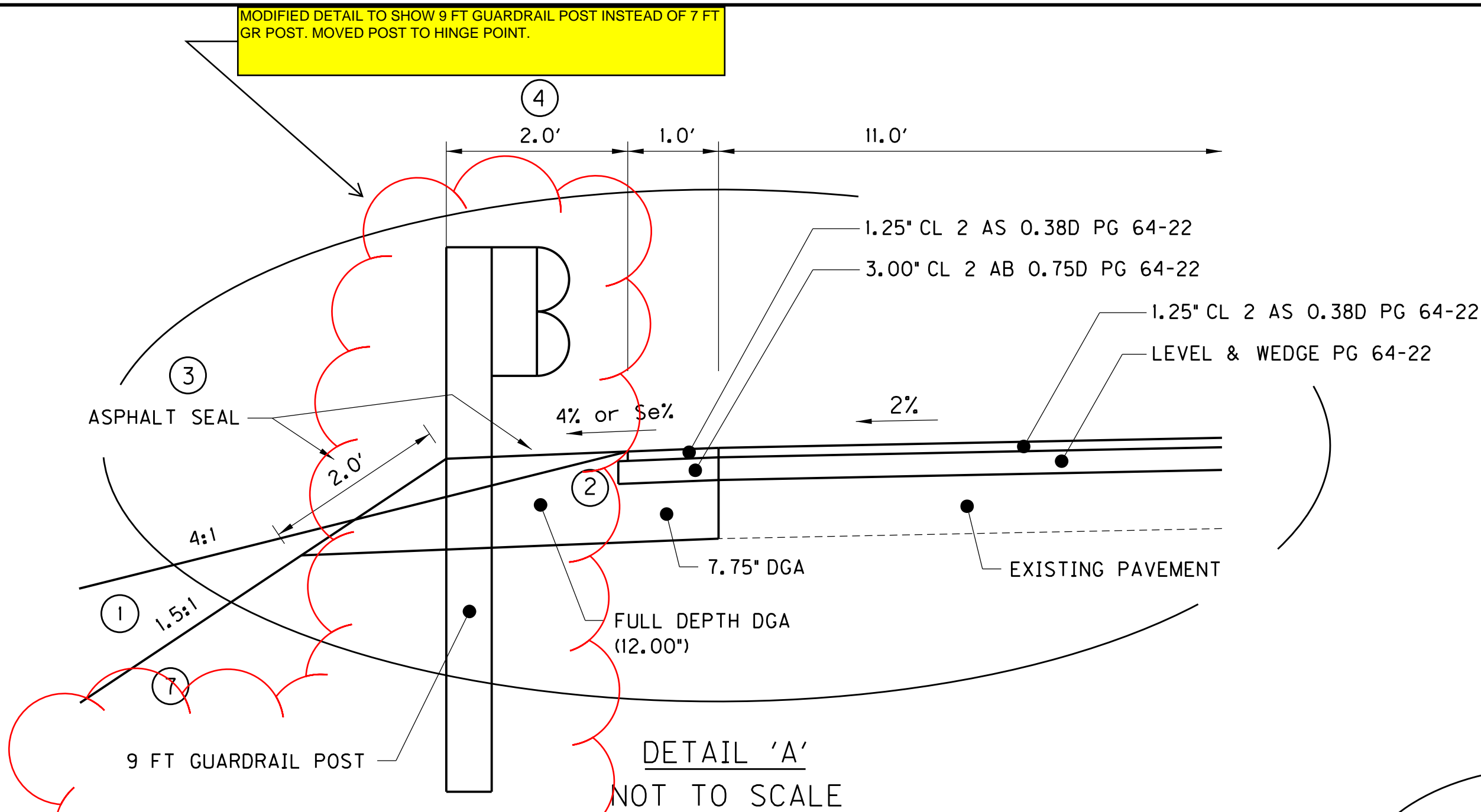
E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-926.00	R2

REVISED 8-11-14

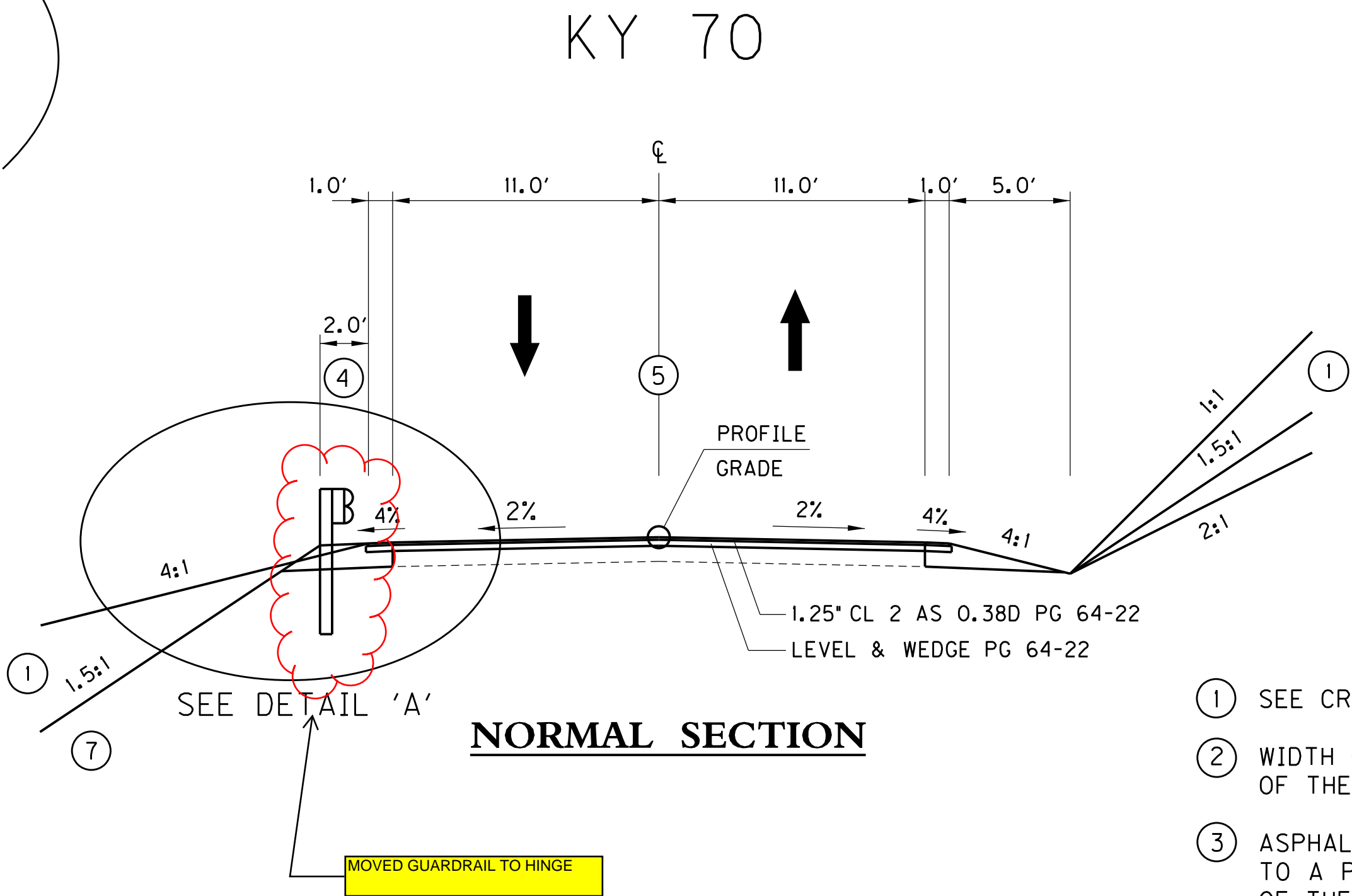
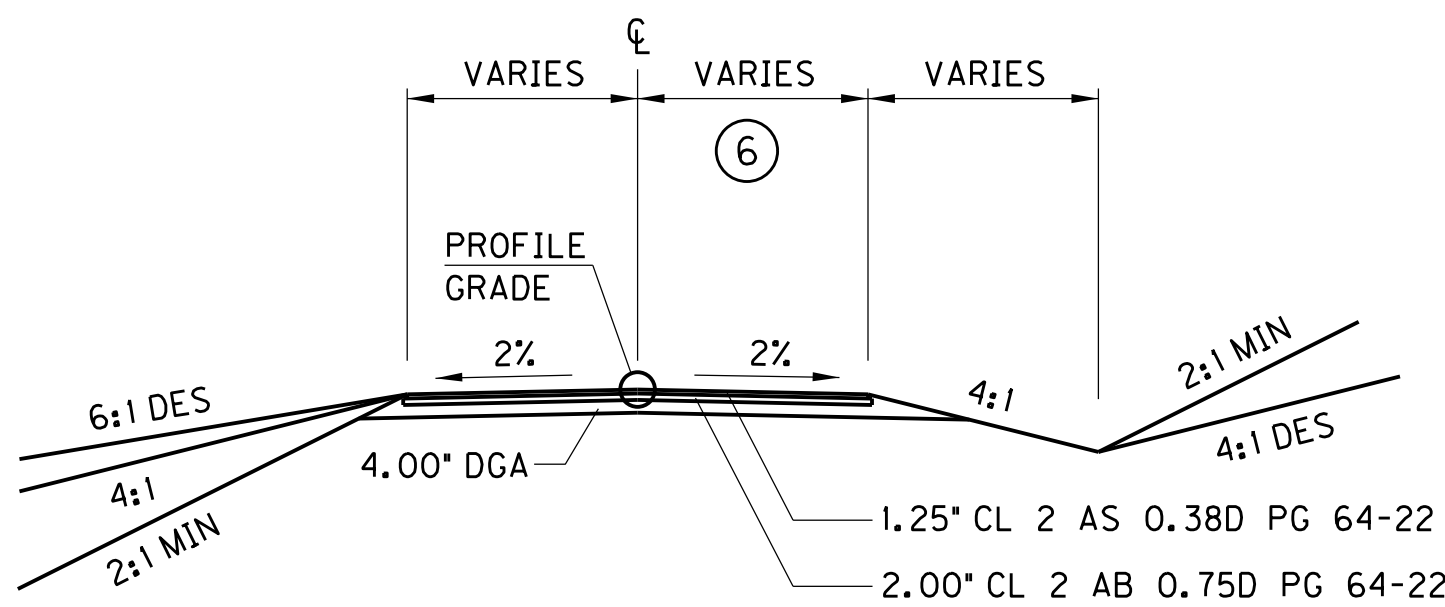
TYPICAL SECTIONS



⑧ ASPHALT SURFACE THICKNESS (FULL DEPTH).

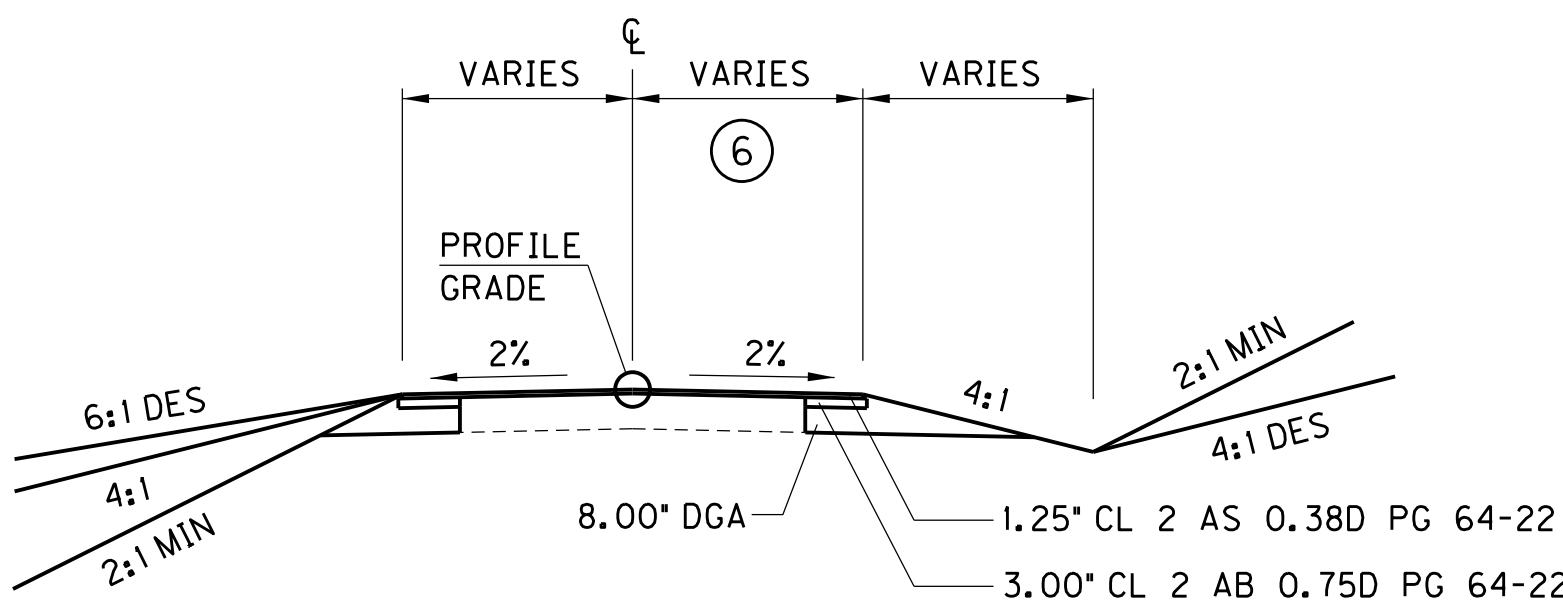
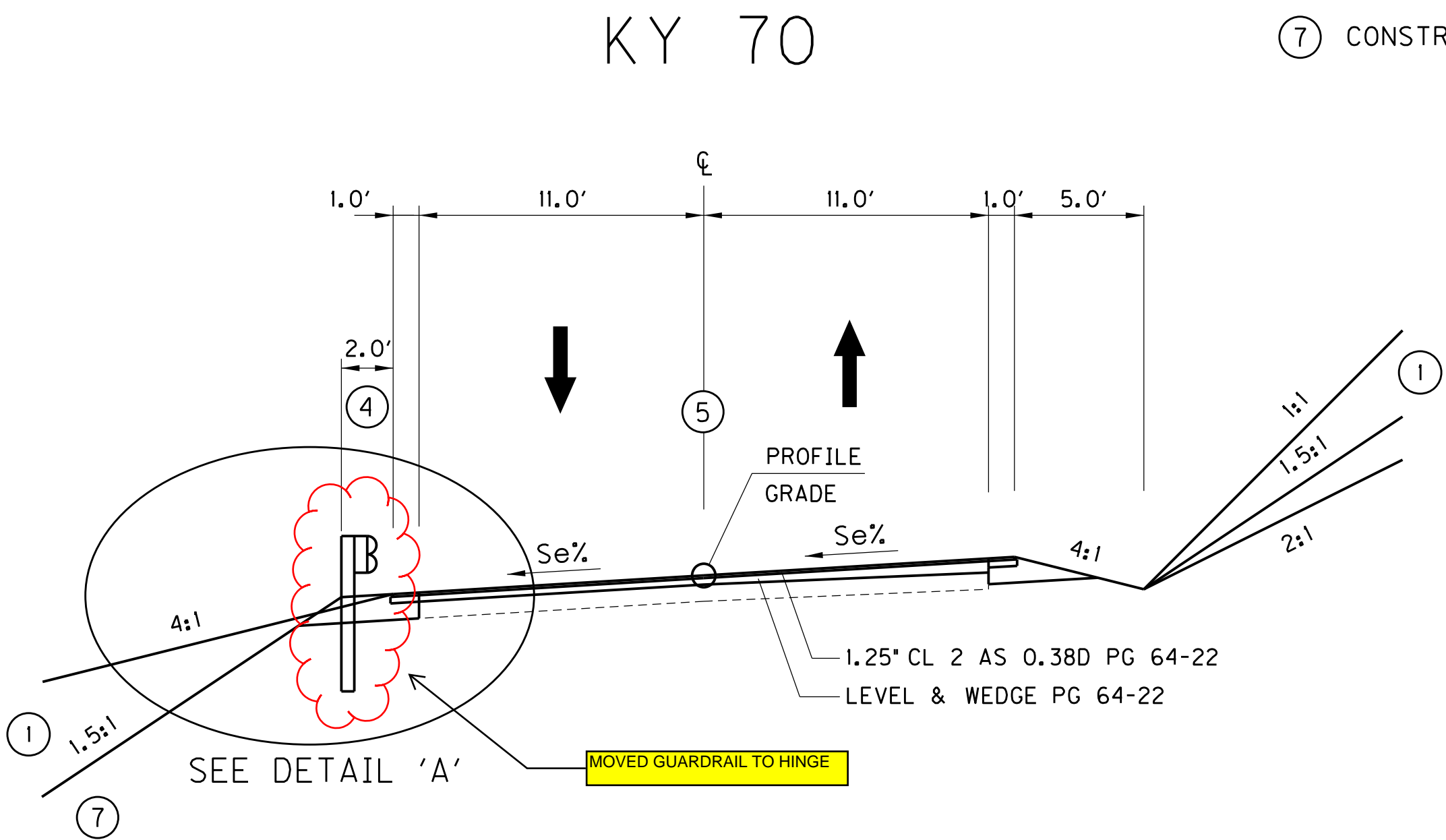
TAPERING OF OVERLAYS ON HIGH SPEED FACILITIES > 45 MPH

NOT TO SCALE



- ① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.
- ② WIDTH OF PAVEMENT STEP-OUT IS EQUAL TO THE THICKNESS OF THE PAVEMENT LAYER TO BE CONSTRUCTED DIRECTLY ABOVE.
- ③ ASPHALT SEAL REQUIRED FROM OUTSIDE EDGE OF PAVED SHOULDER TO A POINT TWO FEET DOWN THE DITCH OR FILL SLOPE. TWO APPLICATIONS OF THE FOLLOWING:
 - ASPHALT SEAL COAT (2.40 LB / SQ YD)
 - ASPHALT SEAL AGGREGATE (20 LB / SQ YD)
- ④ WIDEN SHOULDER 2 FT WHERE GUARDRAIL IS REQUIRED. USE 9 FT GUARDRAIL POSTS.
- ⑤ CONSTRUCT CENTERLINE RUMBLE STRIP.
- ⑥ WIDTH VARIES. SEE PLAN SHEET.
- ⑦ CONSTRUCT GRANULAR EMBANKMENT WHERE FILL SLOPES ARE STEEPER THAN 2:1.

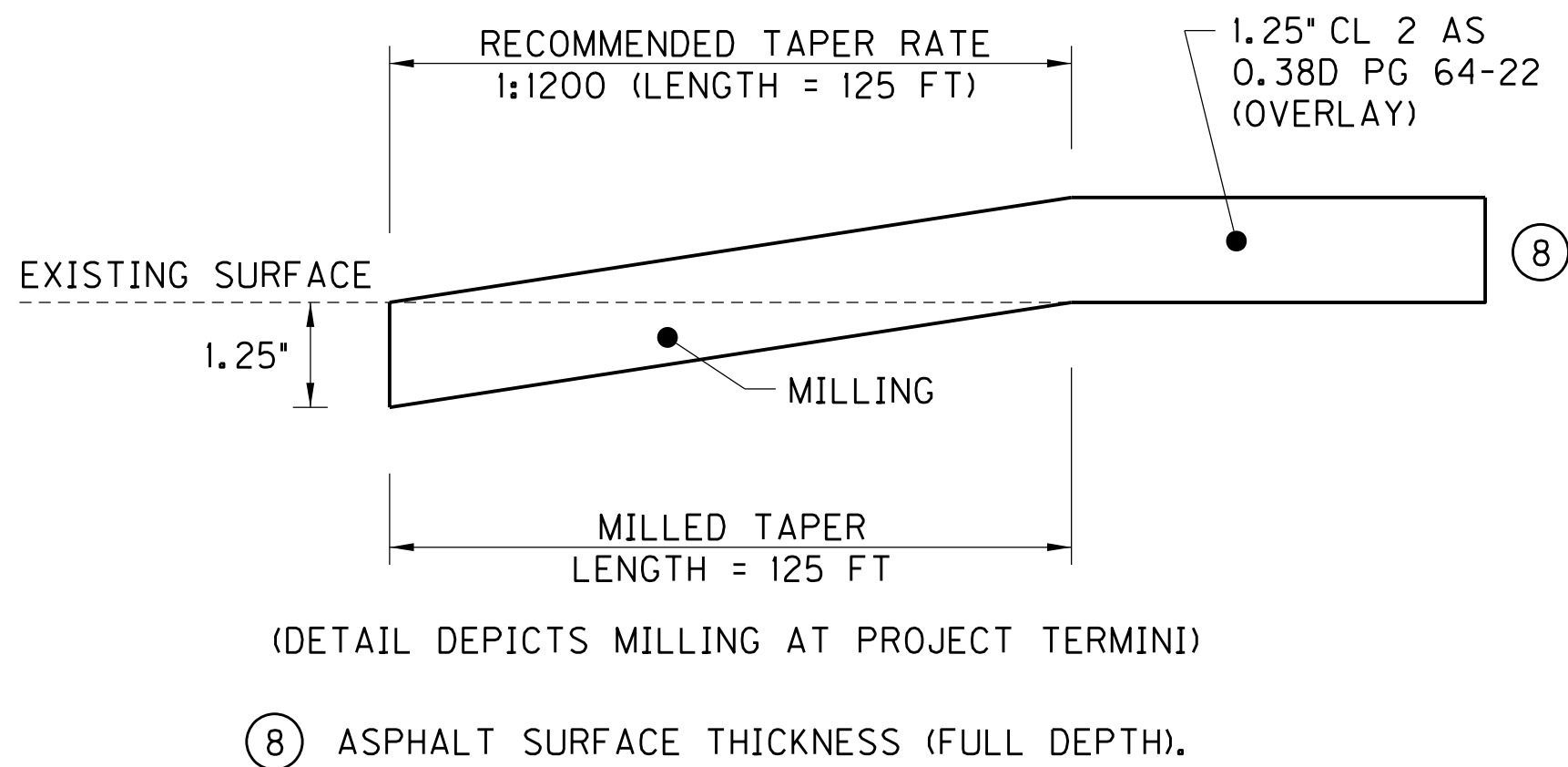
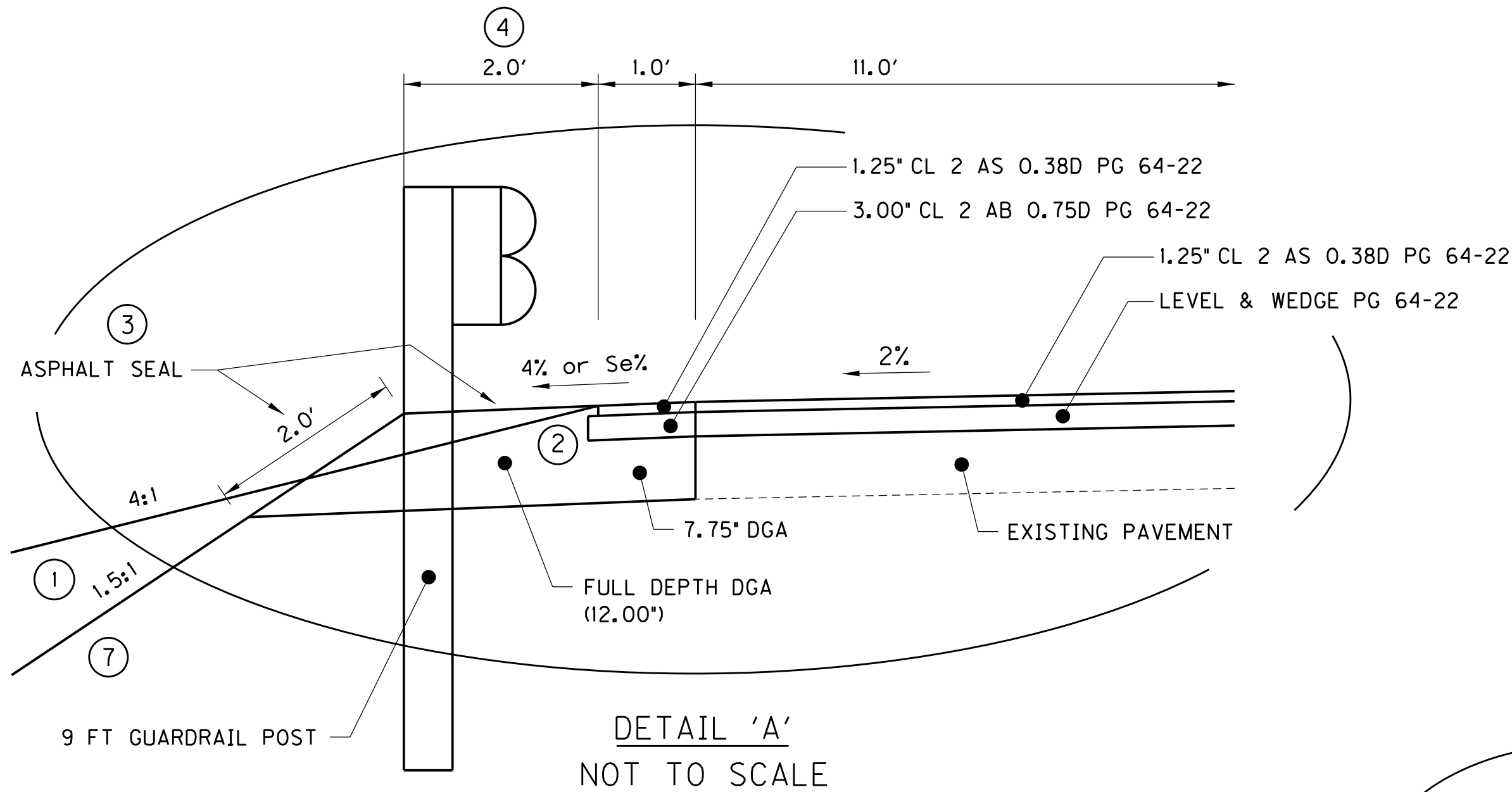
CHANGED NOTE TO INDICATE 9 FT POSTS



SCALE: 1"=5'

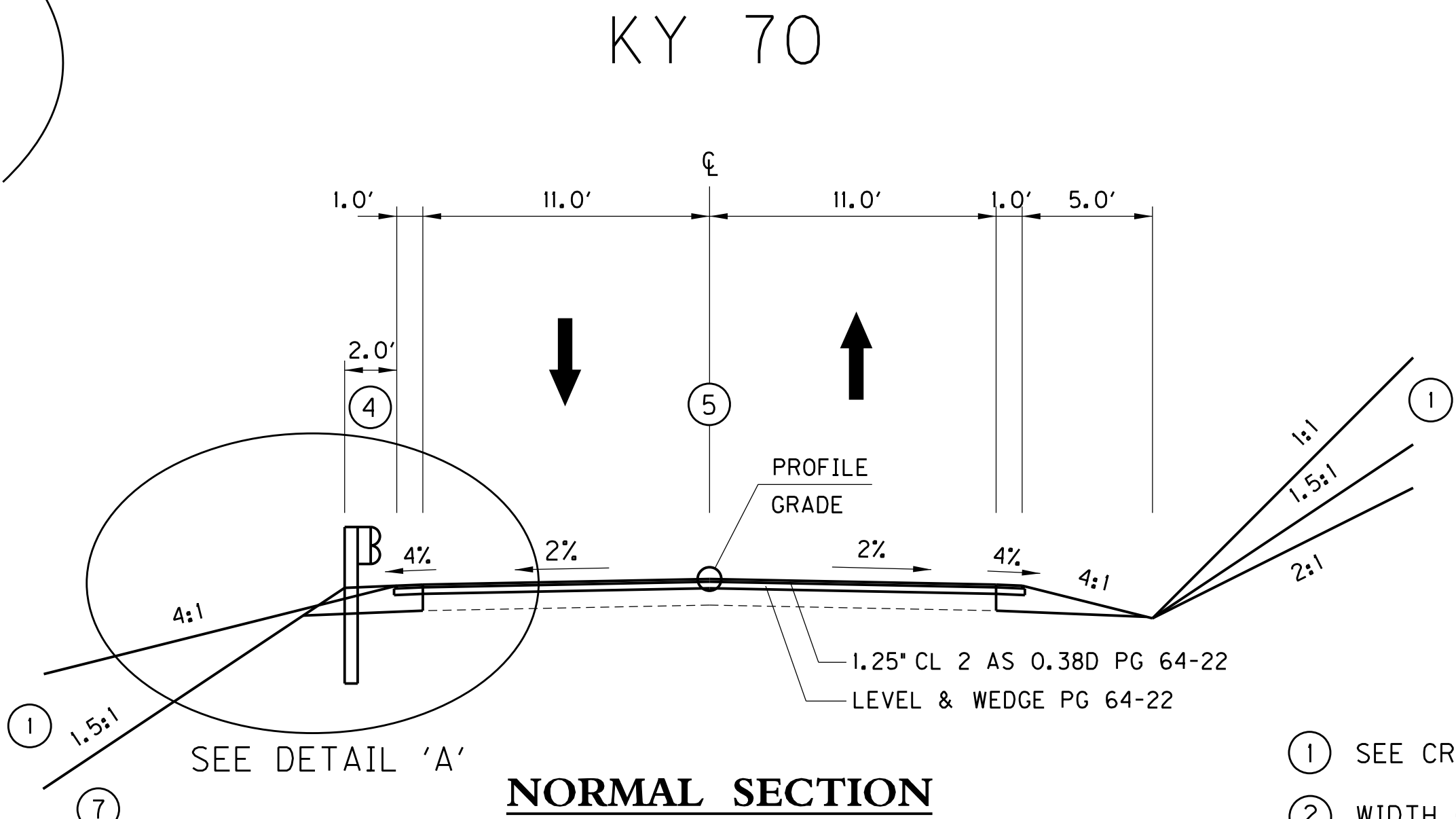
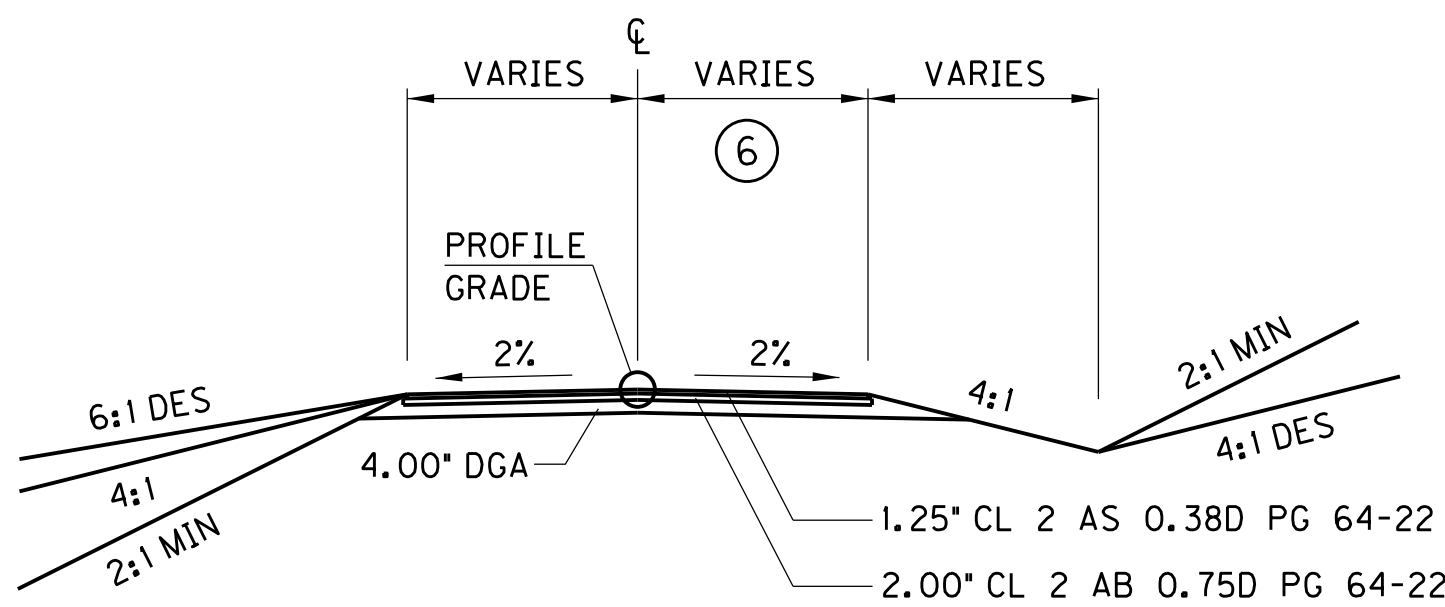
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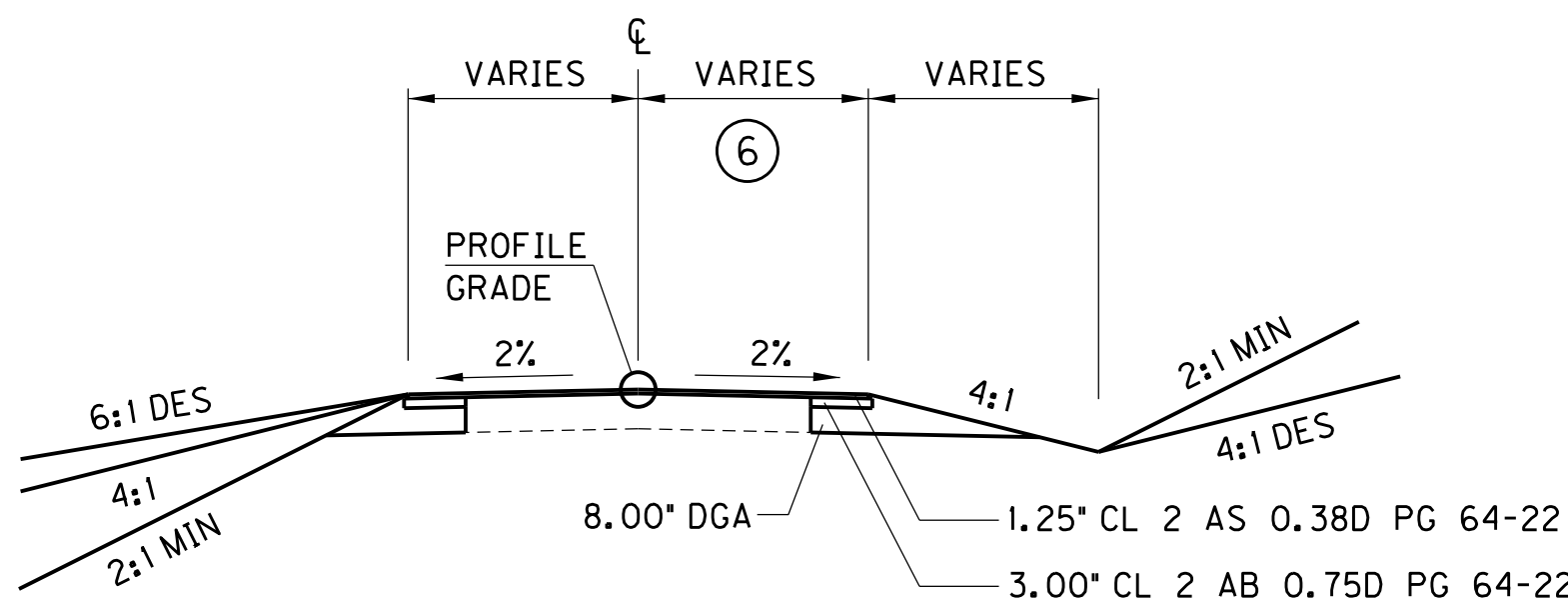
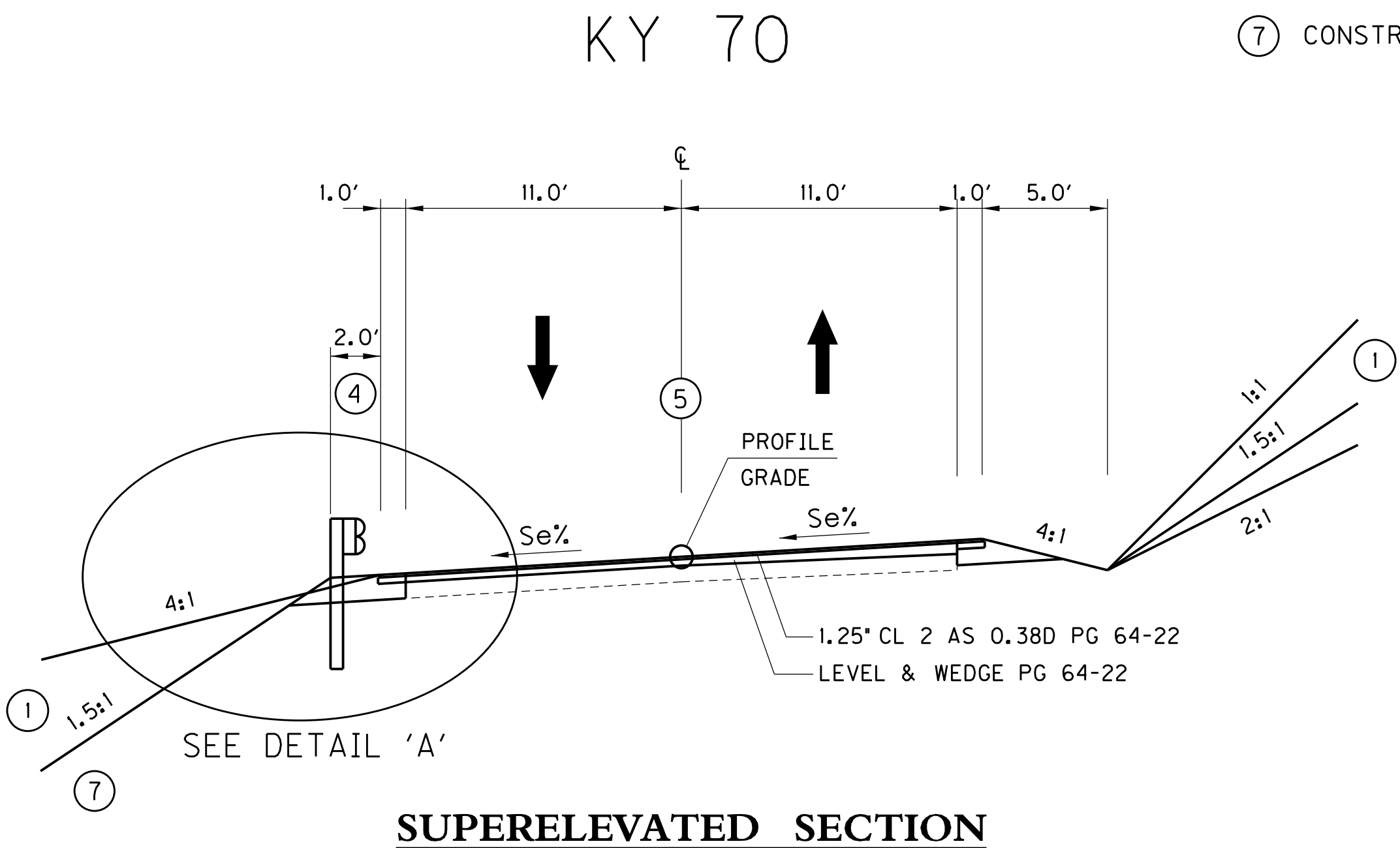


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SCALE: 1"=5'

TYPICAL SECTIONS

FILE NAME: C:\PIWORK\BRIAN.DUNBAR\0942089\ROO200T.S.DGN

USER: brian.dunbar
DATE PLOTTED: August 6, 2014

E-SHEET NAME:

MicroStation v8.11.7.443

PAVING AREAS

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-926.00	R2A

NOTES

ALL ASPHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH, UNLESS NOTED OTHERWISE.

- ① ESTIMATED AT 115 LBS. PER SQ. YD.
PER INCH OF DEPTH.
- RAIL
ESTIMATED AT 110 LBS. PER SQ. YD.
PER INCH OF DEPTH.
- ESTIMATED AT 95 LBS. PER SQ. YD.
PER INCH OF DEPTH.
- ④ APPROXIMATELY 0.1 ACRES.
- ⑤ SEE SPECIAL NOTE IN PROPOSAL.

⑥ ROADWAY EXCAVATION

MAINLINE COMMON: 299 CU YD
COM FOR EMB BENCHES: 2,370 CU YD
ENTRANCE COMMON: 30 CU YD
APPROACH COMMON: 10 CU YD

TOTAL ROADWAY EXC: 2,709 CU YD

EMBANKMENT IN PLACE (8)

MAINLINE EMB: 405 CU YD
ENTRANCE EMB: 250 CU YD
APPROACH EMB: 10 CU YD
SOIL REFILL: 155 CU YD

TOTAL EMB IN PLACE: 820 CU YD

GRANULAR EMBANKMENT ⑨

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MAINLINE GRAN EMB: 718 CU YD
ENTRANCE GRAN EMB: 0 CU YD
APPROACH GRAN EMB: 0 CU YD
GRANULAR REFILL: 2,215 CU YD
```

TOTAL GRANULAR EMB: 2,933 CU YD

ITEM	KY 70	ENTRANCES	APPROACH		TOTAL PROJECT
	S Q U A R E Y A R D S				
1.25" CL 2 ASPHALT SURFACE 0.38D PG 64-22	5,334	436	114		5,884
2.00" CL 2 ASPHALT BASE 0.75D PG 64-22	0	442	0		442
3.00" CL 2 ASPHALT BASE 0.75D PG 64-22	491	0	226		717
4.00" DENSE GRADE AGGREGATE	0	442	0		442
7.75" DENSE GRADE AGGREGATE	491	0	0		491
8.00" DENSE GRADE AGGREGATE	0	0	226		226
DENSE GRADE AGGREGATE WEDGE (CU YD)	507	13	8		528
LEVELING & WEDGING PG 64-22 (CU YD)	416	0	0		416
ASPHALT PAVEMENT MILLING & TEXTURING (CU YD)	11	0	2		13
ASPHALT SEAL AGGREGATE (2 - APPLICATIONS)	3,620	0	0		3,620
ASPHALT SEAL COAT (2 - APPLICATIONS)	3,620	0	0		3,620

[illegible]

- ⑦ EARTHWORK QUANTITY IS AN APPROXIMATION AND FOR INFORMATION ONLY. CONTRACTOR ASSUMES RESPONSIBILITY FOR ANY DISCREPANCY THAT MAY EXIST BETWEEN ESTIMATE AND ACTUAL QUANTITY.
- ⑧ MATERIAL USED AS EMBANKMENT IN PLACE SHALL MEET MINIMUM CBR VALUE OF 3.
- ⑨ CONSTRUCT GRANULAR EMBANKMENT WHERE FILL SLOPES ARE STEEPER THAN 2:1.
- ⑩ USE 9 FT GUARDRAIL POSTS.

ADDED NOTE 10

SUMMARY OF QUANTITIES

SHEET NO.		SKEW	DESIGN PH LEVEL	MAX COVER HEIGHT	CULVERT PIPE 18 IN	S & F BOX INLET / OUTLET 18 IN	12' x 6' RCBC				REMARKS
	ITEM CODE				462	1450	N/A				
	UNIT TO BID				LF	EA	LF				
	MAINLINE										
	STA. 18+82.27	30°07'58" RT.	M	4.5'			9				EXTEND 12' x 6' RCBC 9 LF
	APPROACH (RT. STA. 21+29.0)										
	STA. 0+22.89	07°06'50" LT.	M	2.8'	7I	2					
	TOTAL PROJECT				7I	2	9				

GENERAL SUMMARY

[illegible]

PIPE DRAINAGE SUMMARY

SHEET NO.		SKEW	DESIGN PH LEVEL	MAX COVER HEIGHT	CULVERT PIPE 18 IN	S & F BOX INLET / OUTLET 18 IN	12' x 6' RCBC				REMARKS
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	UNIT TO BID				LF	EA	LF				
	MAINLINE										
	STA. 18+82.27	30°07'58" RT.	M	4.5'			9				EXTEND 12' x 6' RCBC 9 LF
	APPROACH (RT. STA. 21+29.0)										
	STA. 0+22.89	07°06'50" LT.	M	2.8'	71	2					
	TOTAL PROJECT				71	2	9				

PAVING AREAS

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-926.00	R2A

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⑩ USE 9 FT GUARDRAIL POSTS.

SUMMARY OF QUANTITIES

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-926.00	R2B

GENERAL NOTES

- 160 N.G.S. (U.S.G.S.) BENCH MARKS
- DO NOT DISTURB N.G.S. (U.S.G.S.) BENCH MARKS IN ANY MANNER UNLESS DIRECTED BY THE ENGINEER.
- 165 BEFORE YOU DIG
- THE CONTRACTOR IS INSTRUCTED TO CALL 1-800-752-6007 TO REACH KY 811, THE ONE-CALL SYSTEM FOR INFORMATION ON THE LOCATION OF EXISTING UNDERGROUND UTILITIES. THE CALL IS TO BE PLACED A MINIMUM OF TWO (2) AND NO MORE THAN TEN (10) BUSINESS DAYS PRIOR TO EXCAVATION. THE CONTRACTOR SHOULD BE AWARE THAT OWNERS OF UNDERGROUND FACILITIES ARE NOT REQUIRED TO BE MEMBERS OF THE KY 811 ONE-CALL BEFORE-U-DIG (BUD) SERVICE. THE CONTRACTOR MUST COORDINATE EXCAVATION WITH THE UTILITY OWNERS, INCLUDING THOSE WHOM DO NOT SUBSCRIBE TO KY 811. IT MAY BE NECESSARY FOR THE CONTRACTOR TO CONTACT THE COUNTY COURT CLERK TO DETERMINE WHAT UTILITY COMPANIES HAVE FACILITIES IN THE AREA.
- 190 DEPARTMENT OF THE ARMY PERMIT AND WATER QUALITY CERTIFICATION APPROVALS
- A DEPARTMENT OF THE ARMY (DA) PERMIT, WHICH MAY REQUIRE APPROVAL OF A STATE WATER QUALITY CERTIFICATION FROM THE KENTUCKY DIVISION OF WATER, REGULATES THIS PROJECT AT ONE OR MORE LOCATIONS. PERFORM ALL APPLICABLE WORK IN COMPLIANCE WITH THE CONDITIONS STATED IN THE DA PERMIT AND THE APPROVED WATER QUALITY CERTIFICATION. POST A COPY OF THE DA PERMIT AND THE WATER QUALITY CERTIFICATION IN A CONSPICUOUS PLACE AT THE PROJECT SITE. IF A DA PERMIT OR WATER QUALITY CERTIFICATION APPROVAL IS PENDING, DO NOT WORK IN OR DISTURB THE DESIGNATED AREA(S) UNTIL OBTAINING THE APPROPRIATE APPROVAL(S). REFER TO NOTICE(S) CONTAINED IN THE CONTRACT BID PROPOSAL FOR DESIGNATED AREA(S) WHERE WORK IS PROHIBITED BY THE ABSENCE OF APPROVAL.
- 448 COMPACTION OF ASPHALT MIXTURES
- WILL ACCEPT THE COMPACTION OF ASPHALT MIXTURES FURNISHED ON THIS PROJECT BY OPTION B ACCORDING TO SUBSECTIONS 402.03.02 AND 403.03.10 OF THE STANDARD SPECIFICATIONS.
- 650 STANDARD DRAWINGS
- STANDARD DRAWINGS ARE NOT ATTACHED TO THESE PLANS. A STANDARD DRAWING BOOK AND THE HEADWALL SUPPLEMENTAL BOOK MAY BE OBTAINED FROM THE POLICY SUPPORT BRANCH OF THE DEPARTMENT OF ADMINISTRATIVE SERVICES IN FRANKFORT, KY. AT (502) 564-3670

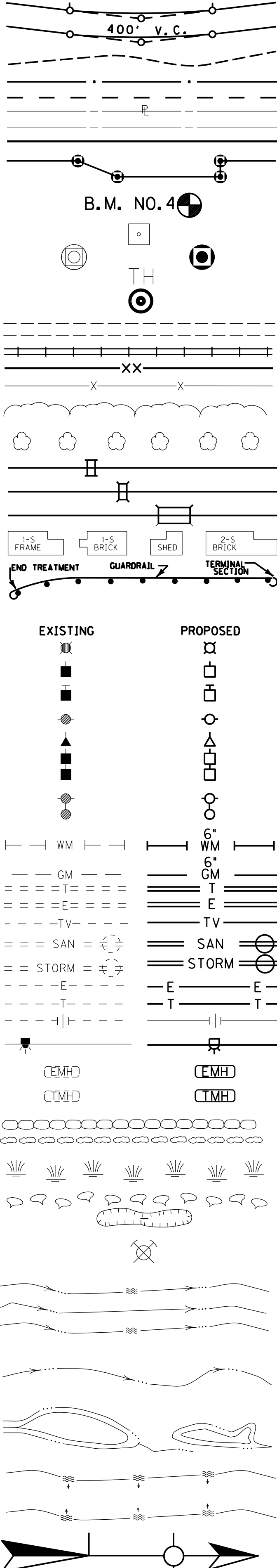
SPECIAL NOTES

- SEE SPECIAL NOTE IN PROPOSAL RELATING TO THE BID ITEM - 'KPDES PERMIT & TEMPORARY EROSION CONTROL'.
- SEE SPECIAL NOTE IN PROPOSAL RELATING TO THE BID ITEM - 'PORTABLE CHANGEABLE MESSAGE SIGN'.
- ANY EXISTING GUARDRAIL TO BE REMOVED, MAY BE DELIVERED TO THE PULASKI COUNTY MAINTENANCE LOT.
- KYTC TO OBTAIN CONSENT / RELEASE FROM PROPERTY OWNER TO PERFORM WORK IN AREAS WHERE DISTURBANCE FALLS OUTSIDE OF EXISTING R/W (IE. ENTRANCE TIE-DOWNS & CONSTRUCTION OF FILL SLOPE LT. STA. 21+00 TO 24+00).
- A TEMPORARY SILT TRAP TYPE B WILL BE INSTALLED WITHIN THE UNNAMED TRIBUTARY OF BUCK CREEK (OUTSTANDING STATE RESOURCE WATER) AT THE DOWNSTREAM END OF THE CULVRT EXTENSION AREA LOCATED AT STATION 18+82.27. THIS MEASURE WILL BE USED TO RETAIN SEDIMENT GENERATED AS A RESULT OF THE CULVERT EXTENSION AND WILL MINIMIZE THE DOWNSTREAM TRANSPORT OF SEDIMENT. FOLLOWING COMPLETION OF CONSTRUCTION, THE SILT TRAP WILL BE REMOVED AND THE AREA WILL BE RETURNED TO PRE-CONSTRUCTION CONTOURS.

ADDED SPECIAL NOTE REGARDING SILT TRAP TYPE B

CONVENTIONAL SIGNS

- SURVEY LINE
- GRADE LINE
- GROUND LINE
- COUNTY LINE
- CORPORATE LIMITS
- EXIST. PROPERTY LINE
- EXIST. RIGHT OF WAY & PROPERTY LINE
- PROPOSED RIGHT OF WAY
- RIGHT OF WAY MONUMENT
- BENCH MARK
- EXISTING R/W MARKER
- RIGHT OF WAY MONUMENT EXISTING/PROPOSED
- UTILITY TEST HOLE
- EXISTING ROAD
- RAILROAD
- FENCE (CONTROLLED ACCESS)
- FENCE (EXCEPT STONE AND HEDGE)
- TREE LINE
- TREES
- PIPE CULVERT
- CULVERT
- BRIDGE
- BUILDINGS
- GUARDRAIL
- LIGHTING POLE
- POWER POLE
- JOINT POWER & TELEPHONE POLE
- TELEPHONE & TELEGRAPH POLE
- ANCHOR, POWER OR TELEPHONE
- STUB POWER
- STUB TELEPHONE
- WATER MAIN
- GAS MAIN
- TELEPHONE DUCT
- ELECTRIC DUCT
- DIRECT BURIAL TV CABLE
- SANITARY SEWER (WITH MANHOLE)
- STORM SEWER (WITH MANHOLE)
- DIRECT BURIAL ELECTRIC CABLE
- DIRECT BURIAL TELEPHONE CABLE
- OVERHEAD WIRE
- TRAFFIC LIGHTS
- ELECTRIC MANHOLE
- TELEPHONE MANHOLE
- STONE FENCE
- HEDGE FENCE
- SWAMP OR MARSH
- SPRINGS
- SINKHOLE
- QUARRY SITE
- BLUE LINE STREAM
- INTERMITTENT STREAM OR DITCH
- LAKES OR PONDS
- REGULATED FLOODWAY
- NORTH POINT

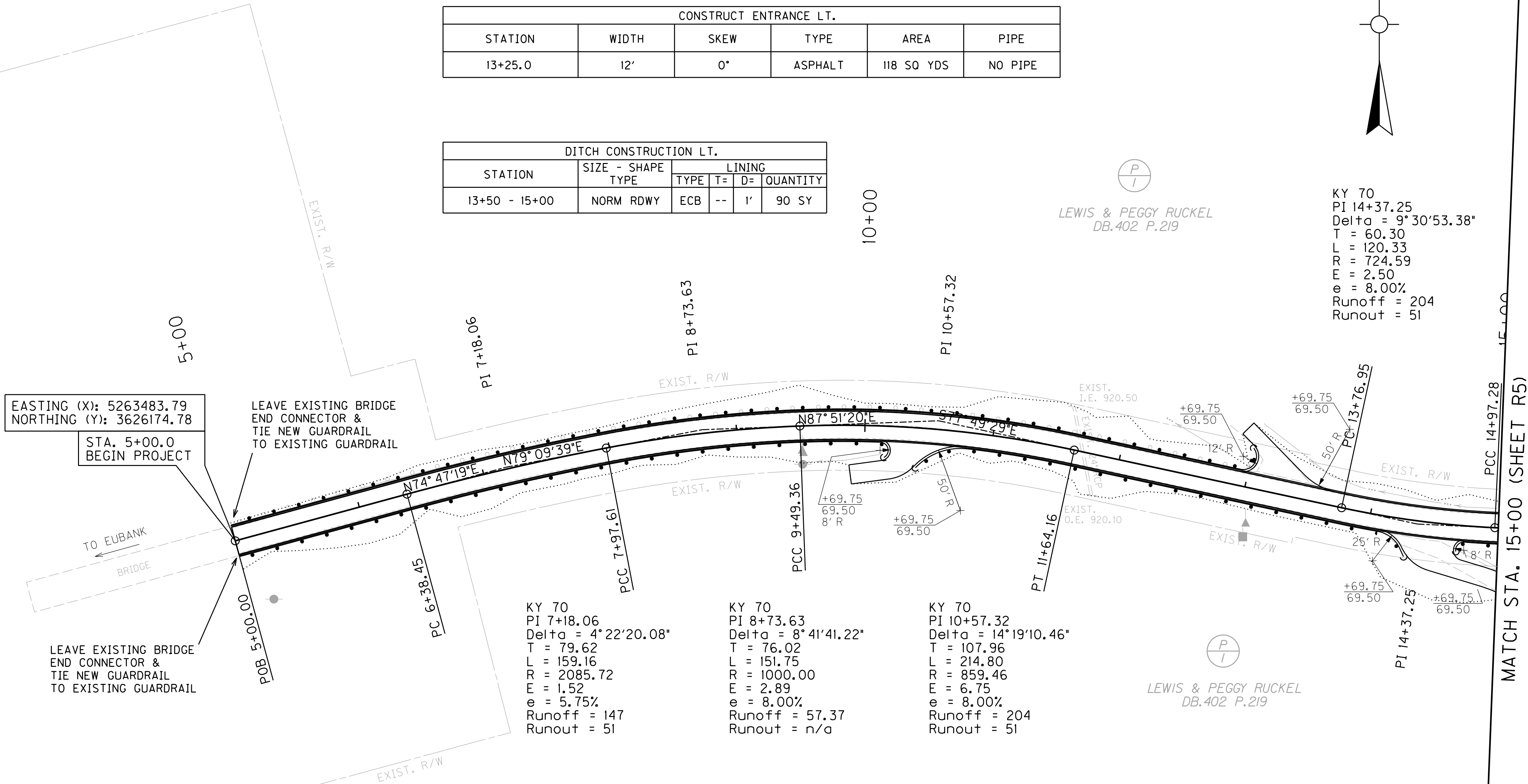


KYTC TO OBTAIN CONSENT / RELEASE FROM
PROPERTY OWNER TO PERFORM WORK IN AREAS
WHERE DISTURBANCE FALLS OUTSIDE EXISTING R/W

GUARDRAIL CONSTRUCTION LT.					
STATION	TYPE	LENGTH	END TREATMENT		
			STATION	TYPE	
5+00.0 - 13+00.4	STEEL W-BEAM, S-FACE (9 FT POST)	825.0'	5+00.0	CONNECT TO EXIST RAIL	
			13+00.4	TERMINAL SECTION NO. 1	

CONSTRUCT ENTRANCE LT.					
STATION	WIDTH	SKEW	TYPE	AREA	PIPE
13+25.0	12'	0°	ASPHALT	118 SQ YDS	NO PIPE

DITCH CONSTRUCTION LT.						
STATION	SIZE - SHAPE TYPE	LINING			QUANTITY	
		TYPE	T=	D=		
13+50 - 15+00	NORM RDWY	ECB	--	1'	90 SY	



KY 70
PI 7+18.06
Delta = 4°22'20.08"
T = 79.62
L = 159.16
R = 2085.72
E = 1.52
e = 5.75%
Runoff = 147
Runout = 51

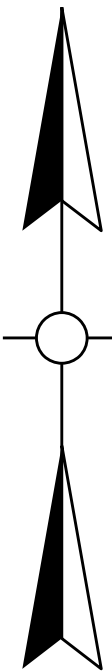
KY 70
PI 8+73.63
Delta = 8°41'41.22"
T = 76.02
L = 151.75
R = 1000.00
E = 2.89
e = 8.00%
Runoff = 57.37
Runout = n/a

KY 70
PI 10+57.32
Delta = 14°19'10.46"
T = 107.96
L = 214.80
R = 859.46
E = 6.75
e = 8.00%
Runoff = 204
Runout = 51

CONSTRUCT ENTRANCE RT.					
STATION	WIDTH	SKEW	TYPE	AREA	PIPE
10+40.0	15'	0°	ASPHALT	135 SQ YDS	NO PIPE
14+30.0	15'	0°	ASPHALT	204 SQ YDS	NO PIPE

GUARDRAIL CONSTRUCTION RT.					
STATION	TYPE	LENGTH	END TREATMENT		
			STATION	TYPE	
5+00.0 - 10+15.7	STEEL W-BEAM, S-FACE (9 FT POST)	525.0'	5+00.0	CONNECT TO EXIST RAIL	
			10+15.7	TERMINAL SECTION NO. 1	
10+41.4 - 14+30.0	STEEL W-BEAM, S-FACE (9 FT POST)	400.0'	10+41.4	TERMINAL SECTION NO. 1	
			14+30.0	TERMINAL SECTION NO. 1	
14+68.6 - 15+00.0	STEEL W-BEAM, S-FACE (9 FT POST)	37.4'	14+68.6	TERMINAL SECTION NO. 1	
			15+00.0	N/A (CONT'D NEXT SHEET)	

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-926.00	R3



KY 70
PI 14+37.25
Delta = 9°30'53.38"
T = 60.30
L = 120.33
R = 724.59
E = 2.50
e = 8.00%
Runoff = 204
Runout = 51



SCALE: 1"=50'

DESIGNED BY: BRIAN DUNBAR
DATE SUBMITTED: 6-4-14

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF
PULASKI

PROJECT HSIP 5105 (035)
NUMBERS: FD52 100 0070 009-010

PLAN SHEET
KY 70 STA. 5+00 (BEGIN) TO 15+00

FILE NAME: G:\PIWORK\BRIAN.DUNBAR\00942089\RO0300PL.DGN

USER: brian.dunbar
DATE PLOTTED: August 6, 2014

E-SHEET NAME:

MicroStation v8.11.7.443

CONVENTIONAL SIGNS

- SURVEY LINE

GRADE LINE

GROUND LINE

COUNTY LINE

CORPORATE LIMITS

EXIST. PROPERTY LINE

EXIST. RIGHT OF WAY & PROPERTY LINE

PROPOSED RIGHT OF WAY

RIGHT OF WAY MONUMENT

BENCH MARK

EXISTING R/W MARKER

RIGHT OF WAY MONUMENT EXISTING/PROPOSED

UTILITY TEST HOLE

EXISTING ROAD

RAILROAD

FENCE (CONTROLLED ACCESS)

FENCE (EXCEPT STONE AND HEDGE)

TREE LINE

TREES

PIPE CULVERT

CULVERT

BRIDGE

BUILDINGS

GUARDRAIL

LIGHTING POLE

POWER POLE

JOINT POWER & TELEPHONE POLE

TELEPHONE & TELEGRAPH POLE

ANCHOR, POWER OR TELEPHONE

STUB POWER

STUB TELEPHONE

WATER MAIN

GAS MAIN

TELEPHONE DUCT

ELECTRIC DUCT

DIRECT BURIAL TV CABLE

SANITARY SEWER (WITH MANHOLE)

STORM SEWER (WITH MANHOLE)

DIRECT BURIAL ELECTRIC CABLE

DIRECT BURIAL TELEPHONE CABLE

OVERHEAD WIRE

TRAFFIC LIGHTS

ELECTRIC MANHOLE

TELEPHONE MANHOLE

STONE FENCE

HEDGE FENCE

SWAMP OR MARSH

SPRINGS

SINKHOLE

QUARRY SITE

BLUE LINE STREAM

INTERMITTENT STREAM OR DITCH

LAKES OR PONDS

REGULATED FLOODWAY

NORTH POINT
- 400' V.C.

B.M. NO. 4

TH

1-S FRAME

1-S BRICK

SHED

2-S BRICK

END TREATMENT

GUARDRAIL

TERMINAL SECTION

WM

GM

T

E

TV

SAN

STORM

E

T

CEMH

COMH

CEMH

CTMH

SWAMP OR MARSH

SPRINGS

SINKHOLE

QUARRY SITE

BLUE LINE STREAM

INTERMITTENT STREAM OR DITCH

LAKES OR PONDS

REGULATED FLOODWAY

NORTH POINT

KYTC TO OBTAIN CONSENT / RELEASE FROM
PROPERTY OWNER TO PERFORM WORK IN AREAS
WHERE DISTURBANCE FALLS OUTSIDE EXISTING R/W

CHANGED NOTE TO INDICATE 9 FT GUARDRAIL POSTS

REVISED 8-11-14

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-926.00	R3

GUARDRAIL CONSTRUCTION LT.					
STATION	TYPE	LENGTH	END TREATMENT		
			STATION	TYPE	
5+00.0 - 13+00.4	STEEL W-BEAM, S-FACE (9 FT POST)	825.0'	5+00.0	CONNECT TO EXIST RAIL	
			13+00.4	TERMINAL SECTION NO. 1	

CONSTRUCT ENTRANCE LT.					
STATION	WIDTH	SKEW	TYPE	AREA	PIPE
13+25.0	12'	0°	ASPHALT	118 SQ YDS	NO PIPE

DITCH CONSTRUCTION LT.						
STATION	SIZE - SHAPE TYPE	LINING			QUANTITY	
		TYPE	T=	D=		
13+50 - 15+00	NORM RDWY	ECB	--	1'	90 SY	

KY 70
PI 14+37.25
Delta = 9°30'53.38"
T = 60.30
L = 120.33
R = 724.59
E = 2.50
e = 8.00%
Runoff = 204
Runout = 51

LEWIS & PEGGY RUCKEL
DB.402 P.219

LEWIS & PEGGY RUCKEL
DB.402 P.219



SCALE: 1"=50'

DESIGNED BY: BRIAN DUNBAR
DATE SUBMITTED: 6-4-14

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF
PULASKI

PROJECT HSIP 5105 (035)
NUMBERS: FD52 100 0070 009-010

PLAN SHEET
KY 70 STA. 5+00 (BEGIN) TO 15+00

FILE NAME: C:\PIWORK\BRIAN.DUNBAR\00942089\RO0300PL.DGN

USER: brian.dunbar
DATE PLOTTED: August 6, 2014

E-SHEET NAME:

MicroStation v8.11.7.443

EASTING (X): 5263483.79
NORTHING (Y): 3626174.78

STA. 5+00.0
BEGIN PROJECT

LEAVE EXISTING BRIDGE
END CONNECTOR &
TIE NEW GUARDRAIL
TO EXISTING GUARDRAIL

LEAVE EXISTING BRIDGE
END CONNECTOR &
TIE NEW GUARDRAIL
TO EXISTING GUARDRAIL

KY 70
PI 7+18.06
Delta = 4°22'20.08"
T = 79.62
L = 159.16
R = 2085.72
E = 1.52
e = 5.75%
Runoff = 147
Runout = 51

KY 70
PI 8+73.63
Delta = 8°41'41.22"
T = 76.02
L = 151.75
R = 1000.00
E = 2.89
e = 8.00%
Runoff = 57.37
Runout = n/a

KY 70
PI 10+57.32
Delta = 14°19'10.46"
T = 107.96
L = 214.80
R = 859.46
E = 6.75
e = 8.00%
Runoff = 204
Runout = 51

CONSTRUCT ENTRANCE RT.					
STATION	WIDTH	SKEW	TYPE	AREA	PIPE
10+40.0	15'	0°	ASPHALT	135 SQ YDS	NO PIPE
14+30.0	15'	0°	ASPHALT	204 SQ YDS	NO PIPE

GUARDRAIL CONSTRUCTION RT.					
STATION	TYPE	LENGTH	END TREATMENT		
			STATION	TYPE	
5+00.0 - 10+15.7	STEEL W-BEAM, S-FACE (9 FT POST)	525.0'	5+00.0	CONNECT TO EXIST RAIL	
10+41.4 - 14+30.0	STEEL W-BEAM, S-FACE (9 FT POST)	400.0'	10+41.4	TERMINAL SECTION NO. 1	
14+68.6 - 15+00.0	STEEL W-BEAM, S-FACE (9 FT POST)	37.4'	14+30.0	TERMINAL SECTION NO. 1	
			14+68.6	TERMINAL SECTION NO. 1	
			15+00.0	N/A (CONT'D NEXT SHEET)	

REVISED 8-11-14

GUARDRAIL CONSTRUCTION LT.				
STATION	TYPE	LENGTH	END TREATMENT	
			STATION	TYPE
17+56.0 - 21+09.9	STEEL W-BEAM, S-FACE (9 FT POST)	250.0'	17+56.0	END TREATMENT TY I
			21+09.9	END TREATMENT TY I

DITCH CONSTRUCTION LT.					
STATION	SIZE - SHAPE TYPE	LINING			
		TYPE	T=	D=	QUANTITY
15+00 - 18+50	NORM RDWY	ECB	--	1'	210 SY

LEWIS & PEGGY RUCKEL
DB.402 P.219

KYTC TO OBTAIN CONSENT / RELEASE FROM
PROPERTY OWNER TO PERFORM WORK IN AREAS
WHERE DISTURBANCE FALLS OUTSIDE EXISTING R/W

KY 70
PI 16+05.88
Delta = 34°28'36.93"
T = 108.60
L = 210.61
R = 350.00
E = 16.46
e = 8.00%
Runoff = n/a
Runout = n/a

KY 70
PI 18+75.91
Delta = 19°31'09.75"
T = 146.20
L = 289.58
R = 850.00
E = 12.48
e = 8.00%
Runoff = 204
Runout = 51

LT. STA. 18+82.27
CONSTRUCT 9 LF -
12' x 6' RCBC EXTENSION

STA. 25+00.00
END PROJECT

TO BRODHEAD

KY 70
PI 22+15.91
Delta = 5°16'27.56"
T = 119.76
L = 239.34
R = 2600.00
E = 2.76
e = 4.86%
Runoff = 123.93
Runout = 51

KY 70
PI 24+99.99
Delta = 2°26'27.21"
T = 164.49
L = 328.93
R = 7721.07
E = 1.75
e = R.C.
Runoff = 51
Runout = 51

DITCH CONSTRUCTION RT.					
STATION	SIZE - SHAPE TYPE	LINING			
		TYPE	T=	D=	QUANTITY
21+72 - 25+00	NORM RDWY	ECB	--	1'	200 SY

CONSTRUCT APPROACH RT.					
STATION	WIDTH	SKEW	TYPE	AREA	PIPE
21+29.0	24'	0°	ASPHALT	167 SQ YDS	71 LF - 18" PIPE

GUARDRAIL CONSTRUCTION RT.				
STATION	TYPE	LENGTH	END TREATMENT	
			STATION	TYPE
15+00.0 - 21+09.5	STEEL W-BEAM, S-FACE (9 FT POST)	625.1'	15+00.0	N/A (CONT'D PREV SHEET)
			21+09.5	TERMINAL SECTION NO. 1

CHANGED NOTE TO INDICATE 9 FT GUARDRAIL POSTS



SCALE: 1"=50'

PLAN SHEET
KY 70 STA. 15+00 TO 25+00 (END)

FILE NAME: C:\PWORK\BRIAN.DUNBAR\0942089\RO0500PL.DGN

USER: brlan.dunbar
DATE PLOTTED: August 6, 2014

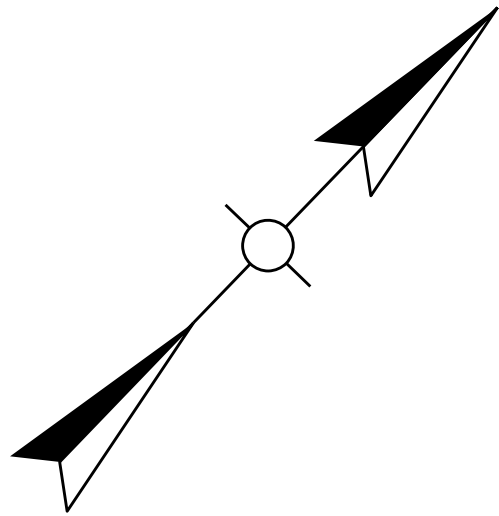
E-SHEET NAME:

MicroStation v8.11.7.443

GUARDRAIL CONSTRUCTION LT.				
STATION	TYPE	LENGTH	END TREATMENT	
			STATION	TYPE
17+56.0 - 21+09.9	STEEL W-BEAM, S-FACE (9 FT POST)	250.0'	17+56.0	END TREATMENT TY 1
			21+09.9	END TREATMENT TY 1

DITCH CONSTRUCTION LT.					
STATION	SIZE - SHAPE TYPE	LINING			
		TYPE	T=	D=	QUANTITY
15+00 - 18+50	NORM RDWY	ECB	--	1'	210 SY

LEWIS & PEGGY RUCKEL
DB.402 P.219



KYTC TO OBTAIN CONSENT / RELEASE FROM
PROPERTY OWNER TO PERFORM WORK IN AREAS
WHERE DISTURBANCE FALLS OUTSIDE EXISTING R/W

KY 70
PI 16+05.88
Delta = 34°28'36.93"
T = 108.60
L = 210.61
R = 350.00
E = 16.46
e = 8.00%
Runoff = n/a
Runout = n/a

KY 70
PI 18+75.91
Delta = 19°31'09.75"
T = 146.20
L = 289.58
R = 850.00
E = 12.48
e = 8.00%
Runoff = 204
Runout = 51

LT. STA. 18+82.27
CONSTRUCT 9 LF -
12' x 6' RCBC EXTENSION

KY 70
PI 22+15.91
Delta = 5°16'27.56"
T = 119.76
L = 239.34
R = 2600.00
E = 2.76
e = 4.86%
Runoff = 123.93
Runout = 51

KY 70
PI 24+99.99
Delta = 2°26'27.21"
T = 164.49
L = 328.93
R = 7721.07
E = 1.75
e = R.C.
Runoff = 51
Runout = 51

DITCH CONSTRUCTION RT.					
STATION	SIZE - SHAPE TYPE	LINING			
		TYPE	T=	D=	QUANTITY
21+72 - 25+00	NORM RDWY	ECB	--	1'	200 SY

CONSTRUCT APPROACH RT.					
STATION	WIDTH	SKEW	TYPE	AREA	PIPE
21+29.0	24'	0°	ASPHALT	167 SQ YDS	71 LF - 18" PIPE

GUARDRAIL CONSTRUCTION RT.				
STATION	TYPE	LENGTH	END TREATMENT	
			STATION	TYPE
15+00.0 - 21+09.5	STEEL W-BEAM, S-FACE (9 FT POST)	625.1'	15+00.0	N/A (CONT'D PREV SHEET)
			21+09.5	TERMINAL SECTION NO. 1



SCALE: 1"=50'

PLAN SHEET
KY 70 STA. 15+00 TO 25+00 (END)

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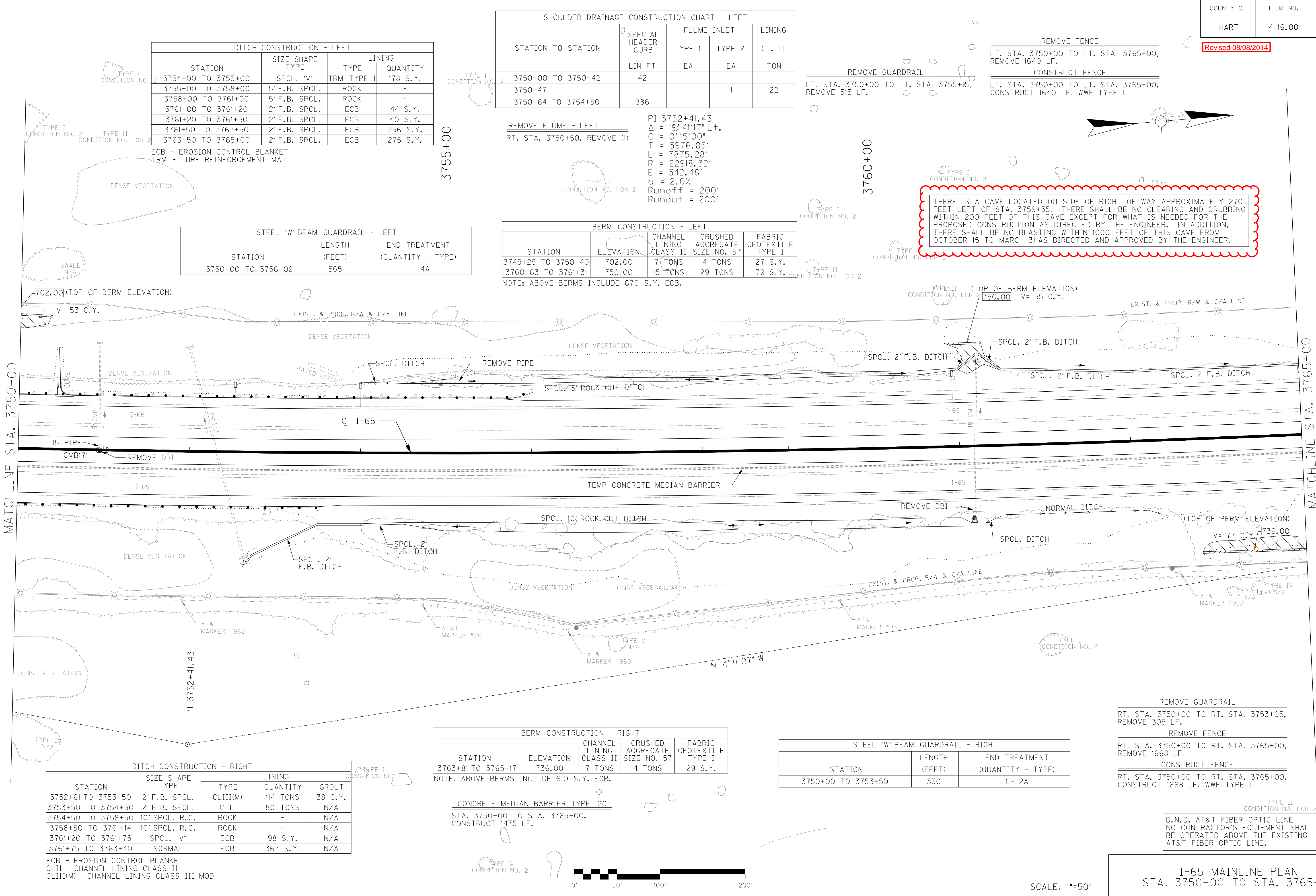
USER: brlan.dunbar
DATE PLOTTED: August 6, 2014

E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
HART	4-16.00	R11

Revised 08/08/2014

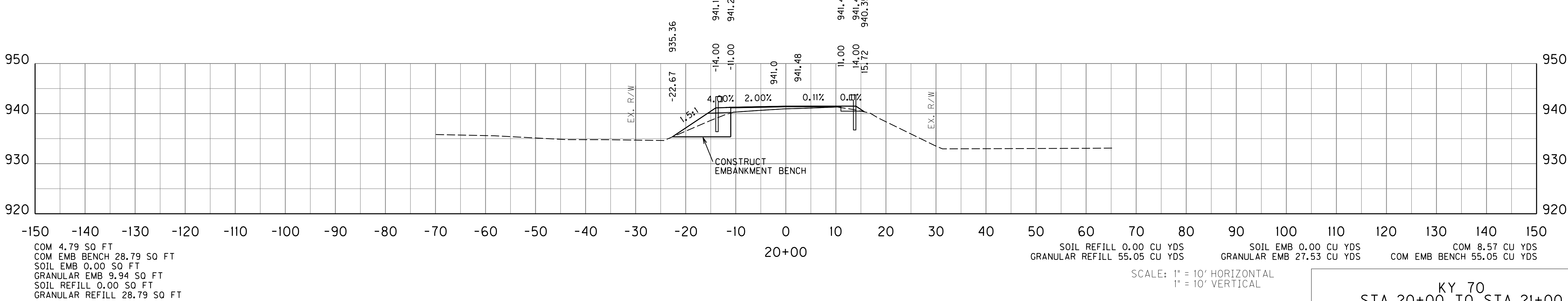
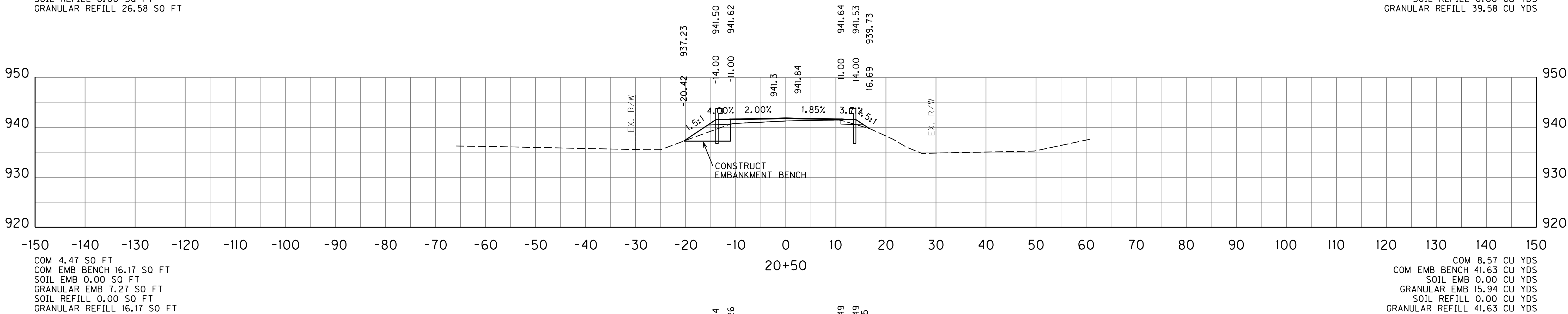
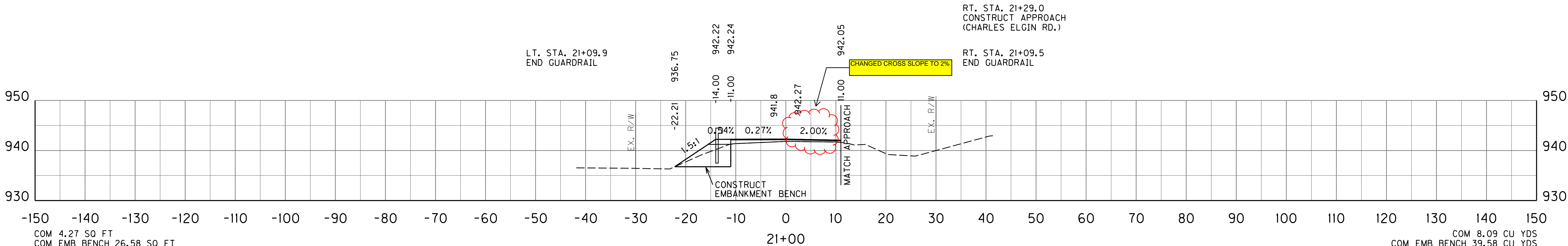


I-65 MAINLINE PLAN
A. 3750+00 TO STA. 3765+00

SCALE: 1"=50'

REVISED 8-11-14

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-926.00	X14



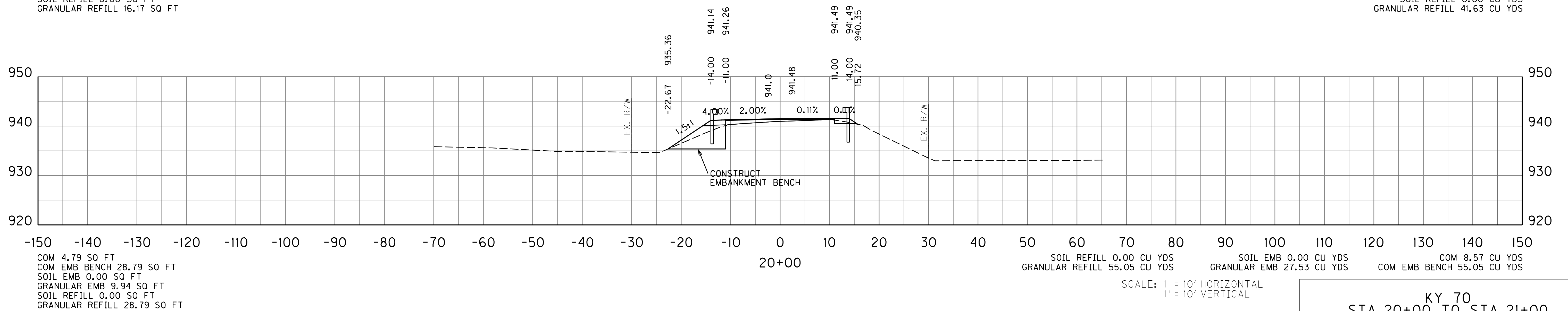
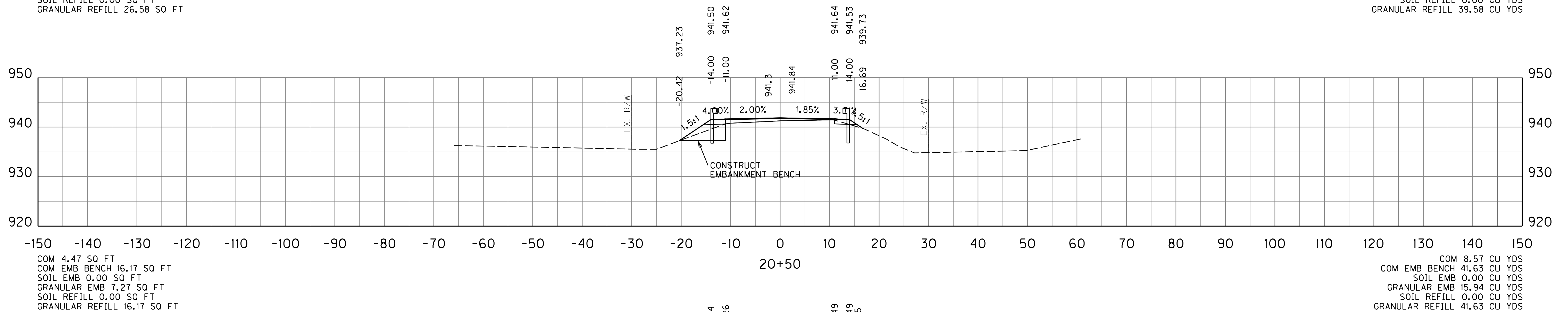
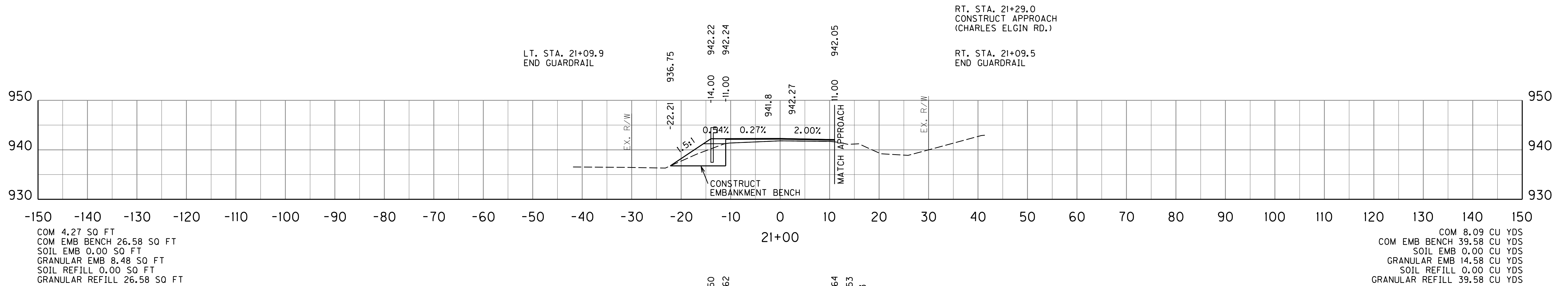
FILE NAME: C:\PWORK\BRIAN_DUNBAR\00942089\X001-170XS.DGN

USER: brian.dunbar
DATE PLOTTED: August 7, 2014

E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-926.00	X14



Special Note For:
Erosion Prevention and Sediment Control
Item No. 08 – 926.00 – Pulaski County

The Contractor shall be responsible for filing the Kentucky Pollution Discharge Elimination System (KPDES) KYR10 permit Notice of Intent (NOI) with the Kentucky Division of Water (DOW) and any KPDES local Municipal Separate Storm Sewer System (MS4) program that has jurisdiction. The NOI shall name the contractor as the Facility Operator and include the KYTC Contract ID Number (CID) for reference.

The Contractor shall perform all temporary erosion/sediment control functions including: providing a Best Management Practice (BMP) Plan, conducting required inspections, modifying the BMP plan documents as construction progresses and documenting the installation and maintenance of BMPs in conformance with the KPDES KYR10 permit effective on August 1, 2009 or a permit re-issued to replace that KYR10 permit. This work shall be conducted in conformance with the requirements of Section 213 of KYTC 2008 Department of Highways, Standard Specifications for Road and Bridge Construction.

Contrary to Section 213.03.03, paragraph 2, the Engineer shall conduct inspections as needed to verify compliance with Section 213 of KYTC 2008 Department of Highways, Standard Specifications for Road and Bridge Construction. The Engineer's inspections shall be performed a minimum of once per month and within seven days after a storm of ½ inch or greater. Copies of the Engineer's inspections shall not be provided to the contractor unless improvements to the BMP's are required. The contractor shall initiate corrective action within 24 hours of any reported deficiency and complete the work within 5 days. The Engineer shall use Form TC 63-61 A for this report. Inspections performed by the Engineer do not relieve the Contractor of any responsibility for compliance with the KPDES permit.

Contrary to Section 213.05, bid items for temporary BMPs will not be listed and will be replaced with one lump sum item for the services. Payment will be pro-rated based on the Project Schedule as submitted by the Contractor and as agreed to by the Engineer.

The contractor shall be responsible for applying "good engineering practices" as required by the KPDES permit. The contractor may use any temporary BMPs with the approval of the KYTC Engineer.

The contractor shall provide the Engineer copies of all documents required by the KPDES permit at the time they are prepared.

The contractor shall be responsible for the examination of the soils to be encountered and make his own independent determination of the temporary BMPs that will be required to accomplish effective erosion prevention and sediment control.

The Contractor shall be responsible for filing the KPDES permit Notice of Termination (NOT) with the Kentucky DOW and any local MS4 program that has jurisdiction. The NOT shall be filed after the Engineer agrees that the project is stabilized or the project has been formally accepted.

Special Note for Enhanced Sediment Control Measures

Pulaski County / Item No 08-0926

Station 18 + 82.27

In addition to the previous special note regarding erosion prevention and sediment controls, a special note regarding specific sediment controls is now necessary. A temporary silt trap type B will be installed within the unnamed tributary of Buck Creek (Outstanding State Resource Water) at the downstream end of the culvert extension area located at Station 18 + 82.27. This measure will be used to retain sediment generated as a result of the culvert extension and will minimize the downstream transport of sediment. Following completion of construction, the silt trap will be removed and the area will be returned to pre-construction contours.

These enhanced sediment control measures are in cooperation with the Minimization and Mitigation Measures proposed in KYTC's Biological Assessment Report, Kentucky Highway 70 Safety Improvements Project, Pulaski County, completed June 2014. The United States Fish and Wildlife Service agreed to our proposed terms and conditions on July 28, 2014. In addition to the installation of a silt trap type B, the following sediment controls were to be implemented:

- The location of the individual erosion prevention/sediment control measures will be identified by the resident engineer and contractor.
- Mulch will be placed, during grade and drain activities, across all areas where no work will be conducted for a period of 14 consecutive days.
- Tree clearing within the riparian zone will be minimized. Trees to be removed will be determined by the resident engineer and the contractor prior to disturbance.
- Silt fence, or other approved method as appropriate, will be installed at the edge of waters within the project area to eliminate the deposition of rock and debris in the stream during construction activities. In the unforeseen event that unintended debris does enter the stream, the resident engineer will halt the contributing activity until appropriate remedial actions have been implemented.
- To the maximum extent plausible, construction activities will take place during low-flow periods.
- Equipment staging and cleaning areas will be located to eliminate direct inputs to waters of the Commonwealth. These areas will be located such that effluent will be filtered through vegetated areas and appropriate sediment controls prior to discharge offsite.
- Concrete will be poured in a manner to avoid spills into the stream. In the unforeseen event that a spill does occur, the USFWS will be notified, and the resident engineer will immediately halt the activity until remedial measures have been implemented.
- KYTC proposes to stabilize areas disturbed during construction activities through vegetation establishment and placement of riprap and geotextile fabric. Re-vegetation of the disturbed areas will allow thermoregulation of water within the stream, establish long-term, regenerative stabilization of the stream bank, and provide nutrients to the aquatic macroinvertebrate community through inputs of organic material.
- Areas disturbed during construction and not stabilized with rip rap and erosion blanket will be seeded using a standard seed mix. Depending on project slope and project location, application rates will vary and one of the following seed mix types will be used:
 - Seed Mix Type I: 30% Kentucky 31 tall fescue (*Festuca arundinacea*), 20% creeping red fescue (*Festuca rubra*), 35% hard fescue (*Festuca longifolia*), 10% perennial ryegrass (*Lolium perenne*), and 5% white Dutch clover (*Trifolium repens*).

- Seed Mix Type II: 60% Kentucky 31 tall fescue, 20% perennial ryegrass, 10% (based on pure live seed) little bluestem (*Schizachyrium scoparium*), and 10% partridge pea (*Cassia fasciculata*).
- Seed Mix Type III: 40% Kentucky 31 tall fescue, 15% perennial ryegrass, 20% sericea lespedeza (*Lespedeza cuneata*), 15% partridge pea, and 10% (based on pure live seed) little bluestem.

Generally, these terms can be found in the KPDES KR10 permit dated June 29, 2009 and under section 212 and 213 of the KYTC Standard Specifications dated June 15, 2012. For the purpose of this project, they are reiterated above.

Additionally, the contractor is not responsible for the NOI. D8 has obtained the permit.

PROPOSAL BID ITEMS

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Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0010	00001		DGA BASE	1,518.00	TON		\$	
0020	00100		ASPHALT SEAL AGGREGATE	37.00	TON		\$	
0030	00103		ASPHALT SEAL COAT	5.00	TON		\$	
0040	00190		LEVELING & WEDGING PG64-22	824.00	TON		\$	
0050	00221		CL2 ASPH BASE 0.75D PG64-22	169.00	TON		\$	
0060	00301		CL2 ASPH SURF 0.38D PG64-22	405.00	TON		\$	
0070	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0080	02677		ASPHALT PAVE MILLING & TEXTURING	26.00	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0090	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	55.00	EACH		\$	
0100	02200		ROADWAY EXCAVATION	2,709.00	CUYD		\$	
0110	02223		GRANULAR EMBANKMENT	2,933.00	CUYD		\$	
0120	02360		GUARDRAIL TERMINAL SECTION NO 1	6.00	EACH		\$	
0130	02367		GUARDRAIL END TREATMENT TYPE 1	2.00	EACH		\$	
0140	02381		REMOVE GUARDRAIL	2,113.00	LF		\$	
0150	02545		CLEARING AND GRUBBING 0.1 ACRES	1.00	LS		\$	
0160	02562		TEMPORARY SIGNS	153.00	SQFT		\$	
0170	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	100.00	SQYD	\$2.00	\$	\$200.00
0180	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0190	02671		PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH		\$	
0200	02726		STAKING	1.00	LS		\$	
0210	05950		EROSION CONTROL BLANKET	500.00	SQYD		\$	
0220	05963		INITIAL FERTILIZER	.02	TON		\$	
0230	05964		20-10-10 FERTILIZER	.50	TON		\$	
0240	05985		SEEDING AND PROTECTION	10,000.00	SQYD		\$	
0250	05992		AGRICULTURAL LIMESTONE	.30	TON		\$	
0260	06510		PAVE STRIPING-TEMP PAINT-4 IN	4,000.00	LF		\$	
0270	06514		PAVE STRIPING-PERM PAINT-4 IN	8,000.00	LF		\$	
0280	20458ES403		CENTERLINE RUMBLE STRIPS	2,000.00	LF		\$	
0300	23143ED		KPDES PERMIT AND TEMP EROSION CONTROL	1.00	LS		\$	
0301	02351		GUARDRAIL-STEEL W BEAM-S FACE ADDED: 8-11-14	2,662.50	LF		\$	
0302	02399		EXTRA LENGTH GUARDRAIL POST ADDED: 8-11-14	442.00	EACH		\$	
0303	02704		SILT TRAP TYPE B ADDED: 8-11-14	1.00	EACH		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0310	00462		CULVERT PIPE-18 IN	71.00	LF		\$	

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PROPOSAL BID ITEMS

Report Date 8/11/14

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0320	01450		S & F BOX INLET-OUTLET-18 IN	2.00	EACH		\$	

Section: 0004 - BRIDGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0330	02625		REMOVE HEADWALL	1.00	EACH		\$	
0340	08002		STRUCTURE EXCAV-SOLID ROCK	13.00	CUYD		\$	
0350	08003		FOUNDATION PREPARATION	1.00	LS		\$	
0360	08100		CONCRETE-CLASS A	31.60	CUYD		\$	
0370	08150		STEEL REINFORCEMENT	3,134.00	LB		\$	

Section: 0005 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0380	02569		DEMOBILIZATION	1.00	LS		\$	