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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

December 9, 2014

CALL NO. 114
CONTRACT ID NO. 141501
ADDENDUM # 2

Subject: Oldham County, STPM 5140 (038)
Letting December 12, 2014

(1) Revised – Plan Sheets – R2D, R2I, R88, X24, X25, X26, X27, X30, X31, X32, X33, X34, X35, X36, X37, X38, X39, X40, X41, X42, X43, X44, & X72
(2) Revised – Bid Items - Pages 282-287 OF 287
(3) Deleted - Pages 236-239 of 287

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,

Diana Castle Radcliffe

Diana Castle Radcliffe
Director
Division of Construction Procurement

DR:ks
Enclosures

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	R88

REVISED PLAN DATE: DEC. 5, 2014

GEOTECHNICAL NOTES

1.) In accordance with Section 206 of the current Standard Specifications, the moisture content of embankment material shall not vary from the optimum moisture content as determined by the current version of KM 64-511 by more than +2 percent or less than -2 percent. This moisture content requirement shall have equal weight with the density requirement when determining the acceptability of embankment construction. Refer to the Family of Curves for moisture/density correlation.

2.) All soils, whether from roadway or borrow, may require manipulation to obtain proper moisture content prior to compaction. Direct payment shall not be permitted for rehandling, hauling, stockpiling, and/or manipulating soils.

3.) Excavation of surface ditches and channel changes adjacent to embankment areas shall be performed prior to the placement of the adjacent embankments. The material excavated for the channel changes and surface ditches is suitable for embankment construction if dried to proper moisture content in accordance with Section 206 of the current Standard Specifications.

4.) The Contractor is responsible for conducting any operations necessary to excavate the cut areas to the required typical section. These operations shall be incidental to Roadway Excavation or Embankment-in-Place and no additional compensation shall be made for this work.

5.) The Contractor shall construct foundation embankment benches and transverse benches as indicated on the plans and/or as directed by the Engineer, prior to placement of embankments in areas requiring such benches.

6.) Foundation embankment benches and longitudinal perforated pipe underdrains shall be constructed in accordance with Standard Drawings RGX-010 and RDP-006 at the locations listed below and/or as directed by the Engineer. The benches shall be constructed one at a time beginning with the lowest bench. Each bench shall be backfilled prior to excavation of the next bench. This procedure should be followed to help maintain stability of the existing slopes in these areas.

KY 22
Station 88+75 to 89+75, Left
Station 101+50 to 102+25, Left
Station 110+50 to 111+50, Left
Station 115+75 to 116+25, Left

7.) Transverse benching and perforated pipe underdrains shall be installed or extended at the following approximate locations and any others designated by the Engineer. Contrary to Standard Drawing RDP-006, the transverse benching and perforated pipe underdrains shall be installed on both the upgrade and downgrade cut to fill transitions. At Station 101+80, all existing soil shall be removed prior to bench construction.

KY 22
Station 98+29
Station 99+94
Station 101+80
Station 115+90

8.) Perforated pipe for subgrade drainage shall be installed or extended in vertical sags in accordance with RDP-005 at the following approximate location and/or where designated by the Engineer.

KY 22
Station 112+30

9.) The existing subgrade is anticipated to be wet and soft in areas where the roadway template is in a shallow cut or fill or where existing pavement will be removed. Therefore, a 1-foot working platform will be required in these areas consisting of Kentucky Coarse Aggregate No. 2, 3 or 23 in accordance with Section 805 of the Standard Specifications for Road and Bridge Construction, current edition. The working platform shall be wrapped with Geotextile Fabric, Type IV, in accordance with Sections 214 & 843 of the Standard Specifications, current edition. The shallow depth of the ditches in the cuts will require special measures to maintain positive drainage as directed by the Engineer. The actual locations and thickness shall be determined by the Engineer during construction and may depend on seasonal fluctuations in the water table. For quantity estimate purposes only, this treatment shall include the following areas:

KY 22
Station 73+00 to 82+00
Station 127+00 to 130+00
Station 137+00 to 139+50

10.) Existing bituminous concrete located at a distance less than three feet below the proposed subgrade elevation within the limits of new roadway embankments, shall be removed entirely. This shall be performed in compliance with Section 206 of the Standard Specifications for Road and Bridge Construction.

12.) The embankment at End Bent No. 2 within the approximate interval below shall be constructed with an outer rock zone consisting of KY Coarse Aggregate No. 2, 3 or 23 up to elevation 667 ft. At this elevation, the minimum top width of the rock zone shall be 30 ft. A soil core will be constructed in the center of the embankment. The Geotechnical Stability Sheets show the limits of the rock zone. The KY Coarse Aggregate No. 2, 3 or 23 shall conform to Section 805 of the Standard Specifications for Road and Bridge Construction, current edition. A Type IV Geotextile Fabric, in accordance with Sections 214 and 843 of the Standard Specifications for Road and Bridge Construction, current edition, shall be placed at soil/rock interfaces. Placement of the rock will be paid for with the applicable Coarse Aggregate bid item, which includes both obtaining and placing the material. Quantities of Coarse Aggregate placed will not be paid as Granular Embankment.

KY 22
Station 104+20+/- to 107+50+/-

13.) Existing soil shall be excavated to bedrock beneath the rock zones depicted on the Geotechnical Stability Sheets for End Bent No. 2 of the Curry's Fork Bridge.

14.) Pile core shall be constructed in accordance with Kentucky Standard Drawings RGX-100 and RGX-105, meeting the requirements of the current edition of Special Provision 69. A cohesive pile core may be utilized at End Bent No. 2 for the Curry's Fork Bridge and quantities should be calculated for such. The pile core and the adjacent embankment shall be constructed using the same type of material (i.e. soil embankment shall be placed around a cohesive pile core and rock embankment shall be placed around a granular pile core.) The final design shall meet the approval of the Engineer.

15.) Slope protection will be required at the Curry's Fork Bridge meeting the requirements of Sections 703 & 805 of the Standard Specifications for Road and Bridge Construction, current edition. The limits, size, and thickness of the slope protection shall be as specified in HEC 23. Place a Type I Geotextile Fabric, in accordance with Sections 214 & 843 of the current Standard Specifications between the embankment and the slope protection.

16.) All open sinkholes and/or solution cavities within the limits of construction, whether shown on the plans or not, that are not used for drainage purposes, shall be filled and/or capped in accordance with Section 215 of the Standard Specifications for Road and Bridge Construction, current edition. A sinkhole/solution feature was noted at the following approximate location.

KY 22
Station 78+09, 54' Right

17.) If other sinkholes are encountered during construction, please contact the Department's Geotechnical Branch for mitigation procedures.

18.) Some of the soil horizons and slopes on the project are subject to erosion. Necessary procedures in accordance with Sections 214 and 843 of the current Standard Specifications shall be followed on construction.

19.) Borrow material, if required beneath the subgrade, shall meet the minimum CBR value of 2.0.

20.) Shale (above or below the RDZ, durable or nondurable) cannot be used in the subgrade.

21.) The pond at the following location shall be drained and any soft or saturated material shall be removed. Use of this excavated material shall be limited to final dressing of roadway slopes, as directed by the Engineer. If necessary, the pond shall be stabilized with limestone or durable shale from roadway excavation if sufficient quantities are available. If sufficient quantities are not available, KY Coarse Aggregate No. 2, 3 or 23 conforming to Section 805 of the current Standard Specifications for Road and Bridge Construction shall be used. The estimated thickness of this treatment is 2 feet, but the actual thickness shall be determined by the Engineer. This material shall be underlain with Type III Geotextile Fabric in accordance with Sections 214 & 843 of the Standard Specifications for Road and Bridge Construction, current edition.

KY 22
Station 111+50, 85' Left

SCALE: 1"=

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF

OLDHAM

PROJECT NUMBERS: STPM 5140 (038)
FD52 093 0022 003-006

GEOTECHNICAL NOTES

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	R88

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SCALE: 1"=

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF

OLDHAM

PROJECT NUMBERS: STPM 5140 (038)
FD52 093 0022 003-006

GEOTECHNICAL NOTES

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	R2D

REVISED PLAN DATE: DEC. 5, 2014

GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	MAINLINE	ABBOTT LANE	ENTR. RT. STA. 152+22												PROJECT TOTALS
78	CRUSED AGGREGATE SIZE NO. 2 (1)	TON	2,683														2,683
1000	PERFORATED PIPE - 4 INCH	LIN FT	205														205
1010	NON-PERFORATED PIPE - 4 INCH	LIN FT	32														32
1020	PERFORATED PIPE HEADWALL TYPE 1 - 4 INCH	EACH	1														1
1028	PERFORATED PIPE HEADWALL TYPE 3 - 4 INCH	EACH	1														1
1032	PERFORATED PIPE HEADWALL TYPE 4 - 4 INCH	EACH	2														2
1810	STANDARD CURB AND GUTTER	LIN FT	198														198
1845	ISLAND INTEGRAL CURB	LIN FT	78														78
1982	DELINEATOR FOR GUARDRAIL MW	EACH	66														66
2014	BARRICADE - TYPE III	EACH	18														18
2091	REMOVE PAVEMENT	SQ YD	4,740														4,740
2159	TEMPORARY DITCH (2)	LIN FT	9,024														9,024
2223	GRANULAR EMBANKMENT (17)	CU YD	34,351														34,351
2230	EMBANKMENT IN PLACE	CU YD	149,554														149,554
2351	GUARDRAIL STEEL "W" BEAM SINGLE FACE	LIN FT	3,600														3,600
2360	GUARDRAIL TERMINAL SECTION NO. 1	EACH	4														4
2367	GUARDRAIL END TREATMENT TYPE 1	EACH	4														4
2378	GUARDRAIL CONNECTOR TO BRIDGE END TYPE D	EACH	4														4
2381	REMOVE GUARDRAIL (3)	LIN FT	1,470														1,470
2429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	75	3													78
2430	RIGHT-OF-WAY MONUMENT TYPE 1A	EACH	1														1
2432	WITNESS POST (4)	EACH	20														20
2469	CLEAN SINKHOLE (5)	EACH	2														2
2471	FILL AND CAP SINKHOLE	EACH	2														2
2483	CHANNEL LINING CLASS II	TON	316	19													335
2484	CHANNEL LINING CLASS III	TON	1,573														1,573
2545	CLEARING AND GRUBBING (6)	LP SUM	1														1
2562	TEMPORARY SIGNS	SQ FT	272														272
2568	MOBILIZATION	LP SUM	1														1
2569	DEMOBILIZATION	LP SUM	1														1
2585	EDGE KEY	LIN FT	104	20													124
2596	FABRIC - GEOTEXTILE TYPE I	SQ YD	2,104	31													2,135
2598	FABRIC - GEOTEXTILE TYPE III	SQ YD	875														875
2599	FABRIC - GEOTEXTILE TYPE IV	SQ YD	150,083														150,083
2650	MAINTAIN AND CONTROL TRAFFIC	LP SUM	1														1
2651	DIVERSIONS (BY-PASS DETOURS) (7)	LP SUM	1														1
2651	DIVERSIONS (BY-PASS DETOURS) (8)	LP SUM	1														1
2651	DIVERSIONS (BY-PASS DETOURS) (9)	LP SUM	1														1
2651	DIVERSIONS (BY-PASS DETOURS) (10)	LP SUM		1													1
2671	PORTABLE CHANGEABLE MESSAGE SIGNS	EACH	2														2
2690	SAFELOADING	CU YD	4	3													7
2696	SHOULDER RUMBLE STRIP-SAWED	LIN FT	16,800	900													17,700
2701	TEMPORARY SILT FENCE (2)	LIN FT	9,024														9,024
2703	SILT TRAP TYPE A (2)	EACH	29														29
2704	SILT TRAP TYPE B (2)	EACH	29														29
2705	SILT TRAP TYPE C (2)	EACH	29														29
2706	CLEAN SILT TRAP TYPE A (2)	EACH	115														115
2707	CLEAN SILT TRAP TYPE B (2)	EACH	115														115
2708	CLEAN SILT TRAP TYPE C (2)	EACH	115														115
2709	CLEAN TEMPORARY SILT FENCE (2)	LIN FT	36,096														36,096
2726	STAKING	LP SUM	1														1
2731	REMOVE STRUCTURE (11)	LP SUM	1														1
5950	EROSION CONTROL BLANKET	SQ YD	2,807														2,807
5952	TEMPORARY MULCH	SQ YD	139,247														139,247
5953	TEMPORARY SEEDING AND PROTECTION (12)	SQ YD	13,925														13,925

NOTES:

EARTHWORK CALCULATIONS

EXCAVATION

64,539	COM KY 22 MAINLINE
8,839	COM S.R. KY22 MAINLINE
656	COM ABBOTT LANE
-3,660	COM KY22 MAINLINE SHOULDER
70,374	TOTAL EXCAVATION

EMBANKMENT

139,352	EMB KY 22 MAINLINE
223	EMB ABBOTT LANE
3	EMB HERITAGE FARMS ENTRANCE
251	EMB END BENCHING
6,145	EMB TRANSVERSE BENCHING
3,580	EMB KY22 MAINLINE SHOULDER
149,554	TOTAL EMBANKMENT

(1) INCLUDES 2,683 TONS FOR SOFT SUBGRADE AREAS

(2) ESTIMATED QUANTITY FROM EROSION CONTROL PLANS

(3) REMOVE GUARDRAIL ALONG EXIST. KY 22 RT. STA. 102+63+/- TO RT. STA. 116+16+/-

(4) ESTIMATED AT 25% OF R/W MONUMENTS

(5) CLEAN ANY SINKHOLES NOT PREVIOUSLY LOCATED AS DIRECTED BY THE ENGINEER

(6) APPROXIMATELY 24.53 ACRES

(7) DIVERSION MAINLINE LT. STA. 70+16 TO 82+76

(8) DIVERSION MAINLINE LT. STA. 87+50 TO 93+85

(9) DIVERSION MAINLINE LT. STA. 122+50 TO 126+55

(10) DIVERSION ABBOTT LANE RT. STA. 50+00 TO 56+55

(11) RT. STA. 108+15+/-

(12) ESTIMATED AT 10% OF TOTAL SEEDING & PROTECTION

(17) INCLUDES 34,351 CY ROCK FILL STA. 104+20+/- TO STA. 107+50+/-

"SPECIAL NOTE FOR ROADWAY EXCAVATION" -

CONTRARY TO THE CURRENT KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 204, OVERHAUL SHALL NOT BE CONSIDERED FOR ANY UNDERCUT, SPECAIL EXCAVATIONS OR AUTHORIZED ROADWAY EXCAVATION ADJUSTMENTS FOR THIS PROJECT.

FOR PAVING QUANTITIES - SEE PAVING SUMMARY SHEET

FOR DRAINAGE QUANTITIES - SEE DRAINAGE SUMMARY SHEETS

KY 22 RECONSTRUCTION
GENERAL SUMMARY SHEET 1 OF 2

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	R2D

REVISED PLAN DATE: DEC. 5, 2014

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(10) DIVERSION ABBOTT LANE RT. STA. 50+00 TO 56+55

(11) RT. STA. 108+15+/-

(12) ESTIMATED AT 10% OF TOTAL SEEDING & PROTECTION

(17) INCLUDES 34,351 CY ROCK FILL STA. 104+20+/- TO STA. 107+50+/-

"SPECIAL NOTE FOR ROADWAY EXCAVATION" -

CONTRARY TO THE CURRENT KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 204, OVERHAUL SHALL NOT BE CONSIDERED FOR ANY UNDERCUT, SPECAIL EXCAVATIONS OR AUTHORIZED ROADWAY EXCAVATION ADJUSTMENTS FOR THIS PROJECT.

FOR PAVING QUANTITIES - SEE PAVING SUMMARY SHEET

FOR DRAINAGE QUANTITIES - SEE DRAINAGE SUMMARY SHEETS

KY 22 RECONSTRUCTION
GENERAL SUMMARY SHEET 1 OF 2

GENERAL NOTES

THE CONTROL OF ACCESS ON THIS PROJECT SHALL BE BY PERMIT.

UTILITIES (HAZARDOUS OR FLAMMABLE MATERIALS)

THE CONTRACTOR IS ADVISED TO EXERCISE CAUTION IN HIS OPERATIONS IN AREAS WHERE PLANS INDICATE THE PRESENCE OF A GAS LINE OR OTHER LINES CARRYING HAZARDOUS MATERIAL.

SPECIAL NOTES:

1I) PORTABLE CHANGEABLE MESSAGE SIGN

2E) ROADBED STABILIZATION AT BRIDGE ENDS

11F) TURF REINFORCEMENT MAT

69) EMBANKMENT AT BRIDGE END STRUCTURES

SPECIAL NOTE FOR EROSION AND SEDIMENT CONTROL

SPECIAL NOTE FOR SUBGRADE REINFORCEMENT

BEFORE YOU DIG / KY ONE CALL

THE CONTRACTOR IS ADVISED THAT HE CAN CALL 1-800-752-6007 TOLL FREE A MINIMUM OF TWO AND NO MORE THAN TEN BUSINESS DAYS PRIOR TO EXCAVATON FOR INFORMATION ON THE LOCATION OF EXISTING UNDERGROUND UTILITIES WHICH SUBSCRIBE TO THE BEFORE-U-DIG (BUD) SERVICE. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE EXCAVATION WITH ALL UTILITY OWNERS, INCLUDING THOSE WHO DO NOT SUBSCRIBE TO BUD. ALL UTILITIES AND A PHONE NUMBER FOR EACH COMPANY ARE SHOWN ON SHEET NO. 3 OF THE PLANS.

CONTROL OF WORK

THE RIGHT IS RESERVED BY THE DEPARTMENT TO HAVE OTHER WORK PERFORMED BY OTHER CONTRACTORS AND BY ITS OWN FORCES AND TO PERMIT PUBLIC UTILITY COMPANIES AND OTHERS TO DO WORK DURING THE CONSTRUCTION OF, AND WITHIN THE LIMITS OF OR ADJACENT TO, THE PROJECT. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS AND COOPERATE WITH SUCH OTHER PARTIES SO THAT INTERFERENCE WITH SUCH OTHER WORK WILL BE REDUCED TO A MINIMUM. THE CONTRACTOR SHALL AGREE, AND HEREBY DOES AGREE, TO MAKE NO CLAIMS AGAINST THE DEPARTMENT FOR ADDITIONAL COMPENSATION DUE TO DELAYS OR OTHER CONDITIONS CREATED BY THE OPERATIONS OF SUCH PARTIES. SHOULD A DIFFERENCE OF OPINION ARISE AS TO THE RIGHTS OF THE CONTRACTOR AND OTHERS WORKING WITHIN THE LIMITS OF OR ADJACENT TO THE PROJECT, THE ENGINEER WILL DECIDE AS TO THE RESPECTIVE RIGHTS OF THE VARIOUS PARTIES INVOLVED IN ORDER TO ASSURE THE COMPLETION OF THE DEPARTMENT'S WORK IN GENERAL HARMONY AND IN A SATISFACTORY MANNER AND HIS DECISION SHALL BE FINAL AND BINDING UPON THE CONTRACTOR.

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.

TRAFFIC CONTROL ITEMS

UNLESS OTHERWISE DIRECTED, ALL SALVAGABLE TRAFFIC CONTROL ITEMS, DEVICES, MATERIALS AND INCIDENTALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR WHEN NO LONGER NEEDED FOR MAINTAINING AND CONTROLLING TRAFFIC DURING CONSTRUCTION.

BENCH MARKS

DO NOT DISTURB N.G.S. (U.S.G.S.) BENCH MARKS IN ANY MANNER UNLESS DIRECTED BY THE ENGINEER.

STANDARD DRAWINGS

STANDARD DRAWINGS ARE NOT ATTACHED TO THESE PLANS. A STANDARD DRAWING BOOK AND THE HEADWALL SUPPLEMENTAL BOOK MAY BE OBTAINED FROM THE OFFICE OF POLICY & BUDGET DIVISION OF THE DEPARTMENT OF HIGHWAYS IN FRANKFORT, KENTUCKY (502) 564-3670.

PIPE REMOVAL

CONTRARY TO THE STANDARD SPECIFICATIONS, THE REMOVAL OF PIPE, WHETHER SHOWN ON THE PLANS OR NOT, IS INCIDENTAL TO THE CONTRACT.

NOTICE - CAUTION - CLASSIFICATION

WITHOUT REGARD TO THE MATERIALS ENCOUNTERED, ALL ROADWAY AND DRAINAGE EXCAVATION SHALL BE UNCLASSIFIED AND SHALL BE DESIGNATED AS "ROADWAY EXCAVATION". IT SHALL BE DISTINCTLY UNDERSTOOD THAT ANY REFERENCE TO ROCK, EARTH, OR ANY OTHER MATERIAL ON THE PLANS OR CROSS-SECTIONS, WHETHER IN NUMBERS, WORDS, LETTERS OR LINES, IS SOLELY FOR THE DEPARTMENT'S INFORMATION AND IS NOT TO BE TAKEN AS AN INDICATION OF CLASSIFIED EXCAVATION OR THE QUANTITY OF EITHER ROCK, EARTH OR ANY OTHER MATERIAL INVOLVED. THE BIDDER MUST DRAW HIS OWN CONCLUSION AS TO THE CONDITIONS TO BE ENCOUNTERED. THE DEPARTMENT DOES NOT GIVE ANY GUARANTEE AS TO THE ACCURACY OF THE DATA AND NO CLAIM WILL BE CONSIDERED FOR ADDITIONAL COMPENSATION IF THE MATERIALS ENCOUNTERED ARE NOT IN ACCORD WITH THE CLASSIFICATION SHOWN.

EROSION CONTROL

SEED MIXTURE NO. 1 SHALL BE USED.

EDGE KEY

THIS WORK INCLUDES CUTTING OUT THE EXISTING ASPHALT SURFACE TO A MINIMUM DEPTH AND WIDTH AS DETAILED ELSEWHERE IN THE PLANS SO THAT THE NEW SURFACE MAY HEEL INTO THE EXISTING SURFACE. THE CONTRACT UNIT PRICE BID LINEAR FOOT FOR "EDGE KEY" INCLUDES ALL NECESSARY MATERIALS, LABOR AND EQUIPMENT NECESSARY TO PERFORM THE WORK AND DISPOSE OF THE REMOVED ASPHALT MATERIAL.

COMPACTION OF ASPHALT MIXTURES

WILL ACCEPT THE COMPACTION OF ASPHALT MIXTURES FURNISHED FOR MAINLINE USAGE AT ONE INCH OR GREATER ON THIS PROJECT BY OPTION A ACCORDING TO SUBSECTIONS 402.03.02 AND 403.03.10 OF THE STANDARD SPECIFICATIONS. WILL ACCEPT THE COMPACTION OF ALL OTHER ASPHALT MIXTURES BY OPTION B.

ASPHALT PAVEMENT RIDE QUALITY

PAVEMENT RIDEABILITY REQUIREMENTS, IN ACCORDANCE WITH SECTION 410 F OF THE STANDARD SPECIFICATIONS, SHALL APPLY ON THIS PROJECT. CATEGORY B SHALL APPLY.

JPC PAVEMENT RIDE QUALITY (FOR CONCRETE ALTERNATIVE)

APPLY JPC PAVEMENT SMOOTHNESS REQUIREMENTS, IN ACCORDANCE WITH SUBSECTION 501.03.19 OF THE STANDARD SPECIFICATIONS, ON THIS PROJECT.

EARTHWORK ADJUSTMENTS

CROSS SECTIONS FOR THE PROJECT WERE DEVELOPED FOR THE ASPAHALT PAVEMENT ALTERNATIVE WITH A THICKNESS OF 18 INCHES AND THE CRUSHED STONE BASE DAYLIGHTING. THE DESIGN TEAM DECIDED NOT TO DAYLIGHT THE CRUSHED STONE BASE. A QUANTITY WAS CALCULATED AND HAS BEEN ADDED TO THE EMBANKMENT IN PLACE QUANTITY ON THE GENERAL SUMMARY SHEET.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING EARTHWORK TOTALS TO MATCH THE TYPICAL SECTIONS SHOWN IN THE PLANS AND FOR ADJUSTING EARTHWORK TOTALS TO MATCH THE CONCRETE PAVEMENT TYPICAL SECTION IF THE CONCRETE PAVEMENT ALTERNATIVE IS SELECTED.

SPECIFICATIONS

ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE LATEST EDITIONS OF THE KENTUCKY TRANSPORTATION CABINET / DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE KENTUCKY DEPARTMENT OF HIGHWAYS STANDARD DRAWINGS.

SALVAGE EXISTING MATERIALS

SALVAGE EXISTING MATERIALS AS PER SECTION 719.03.07, EXCEPT THAT THE CONTRACTOR SHALL DELIVER EXISTING GUARDRAIL SYSTEM MATERIALS TO THE CENTRAL SIGN SHOP AND RECYCLE CENTER AT 1224 WILKINSON BLVD. FRANKFORT, KY. CONTACT SECTION SUPERVISOR AT (502) 564-8187 TO SCHEDULE THE DELIVERY OF MATERIALS BETWEEN 8:00 AM AND 3:00 PM, MONDAY THROUGH FRIDAY.

CONSTRUCTION MATERIAL DISPOSAL

ALL CONCRETE PAVEMENT, ASPHALT MATERIAL AND ANY OTHER MATERIAL THAT IS REQUIRED TO BE REMOVED SHALL BE DISPOSED OF OFF THE RIGHT-OF-WAY AT SITES ACQUIRED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER, AT NO ADDITIONAL COST TO THE DEPARTMENT, PER SECTION 204.03.08 OF THE CURRENT EDITION OF THE KYTC STANDARD SPECIFICATION.

GEOTECHNICAL

FOR ANY ITEM RELATED TO GEOTECHNICAL RECOMMENDATIONS SUCH AS BUT NOT LIMITED TO TRANSVERSE BENCHING, PERFORATED PIPED, PILE CORES, EMBANKMENTS, ETC., REFER TO THE GEOTECHNICAL ENGINEERING ROADWAY REPORT AND / OR PLANS. ALL ROCK MATERIAL REMOVED BY EXCAVATION / BLASTING OR MATERIAL BROUGHT ON SITE WILL COMPLY WITH ALL KYTC STANDARD SPECIFICATIONS. MANIPULATION OF EXCAVATED / BLASTED MATERIAL TO MEET KYTC STANDARD SPECIFICATIONS, EVEN IF MECHANICAL BREAKING IS REQUIRED, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL BE INCIDENTAL TO EMBANKMENT IN PLACE.

ROADBED PREPARATION

FOR PROBLEM LOCATIONS ENCOUNTERED AND DETERMINED BY THE ENGINEER DURING CONSTRUCTION THE FOLLOWING SHALL BE REQUIRED:

ASPHALT PAVEMENT ALTERNATIVE - A ONE-FOOT WORKING PLATFORM CONSISTING OF KY COARSE AGGREGATE NO. 2, 3 OR 23 WRAPPED WITH GEOTEXTILE FABRIC TYPE IV.

CONCRETE PAVEMENT ALTERNATIVE - AN ADDITIONAL THREE-INCH LIFT OF CRUSHED STONE BASE UNDERLAIN WITH GEOTEXTILE FABRIC TYPE IV AND GEOGRID.

FILL AND CAP SINKHOLE

THE BID ITEM FOR FILL AND CAP SINKHOLE SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY TO COMPLETE.

GUARDRAIL END TREATMENT TYPE 1

CONTRARY TO KYTC STANDARD DRAWING RBR-020-05 THE GUARDRAIL END TREATMENT ET-PLUS MANUFACTURED BY TRINITY INDUSTRIES WILL NOT BE PERMITTED AS AN OPTION FOR BID ITEM "GUARDRAIL END TREATMENT TYPE 1".

ABBREVIATIONS

TO REDUCE CONSTRUCTION NOTE BOX SIZES THE FOLLOWING ABBREVIATIONS WERE USED IN THE PLANS:

GTF TYPE 1 - GEOTEXTILE FABRIC TYPE 1
TRM TYPE 1 - TURF REINFORCEMENT TYPE 1
E.C. BLANKET - EROSION CONTROL BLANKET

BRIDGE ABUTMENT 1 / END BENT 1

END BEND 1 REFERRED TO IN THE STRUCTURE PLANS SUBSURFACE INFORMATION SHEET IS LABELED "ABUTMENT 1" IN THE REMAINDER OF THE STRUCTURE PLANS.

ROADWAY GEOTECHNICAL NOTE 11 WAS NOT APPLICABLE AND HAS BEEN REMOVED FROM SHEET R88 - GEOTECHNICAL NOTES. ANY REFERENCE TO EMBANKMENT CONSTRUCTED ENTIRELY FROM LIMESTONE AND SOIL REMOVAL BENEATH THIS EMBANKMENT AT END BENT 1 IN THE PLANS IS NOT APPLICABLE AND SHALL BE DISREGARDED.

KY 22 RECONSTRUCTION
GENERAL NOTES

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	R21

REVISED PLAN DATE: DEC. 5, 2014

GENERAL NOTES

THE CONTROL OF ACCESS ON THIS PROJECT SHALL BE BY PERMIT.

UTILITIES (HAZARDOUS OR FLAMMABLE MATERIALS)

THE CONTRACTOR IS ADVISED TO EXERCISE CAUTION IN HIS OPERATIONS IN AREAS WHERE PLANS INDICATE THE PRESENCE OF A GAS LINE OR OTHER LINES CARRYING HAZARDOUS MATERIAL.

SPECIAL NOTES:

1I) PORTABLE CHANGEABLE MESSAGE SIGN

2E) ROADBED STABILIZATION AT BRIDGE ENDS

11F) TURF REINFORCEMENT MAT

69) EMBANKMENT AT BRIDGE END STRUCTURES

SPECIAL NOTE FOR EROSION AND SEDIMENT CONTROL

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FILL AND CAP SINKHOLE

THE BID ITEM FOR FILL AND CAP SINKHOLE SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY TO COMPLETE.

GUARDRAIL END TREATMENT TYPE 1

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ABBREVIATIONS

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TRM TYPE 1 - TURF REINFORCEMENT TYPE 1
E.C. BLANKET - EROSION CONTROL BLANKET

BRIDGE ABUTMENT 1 / END BENT 1

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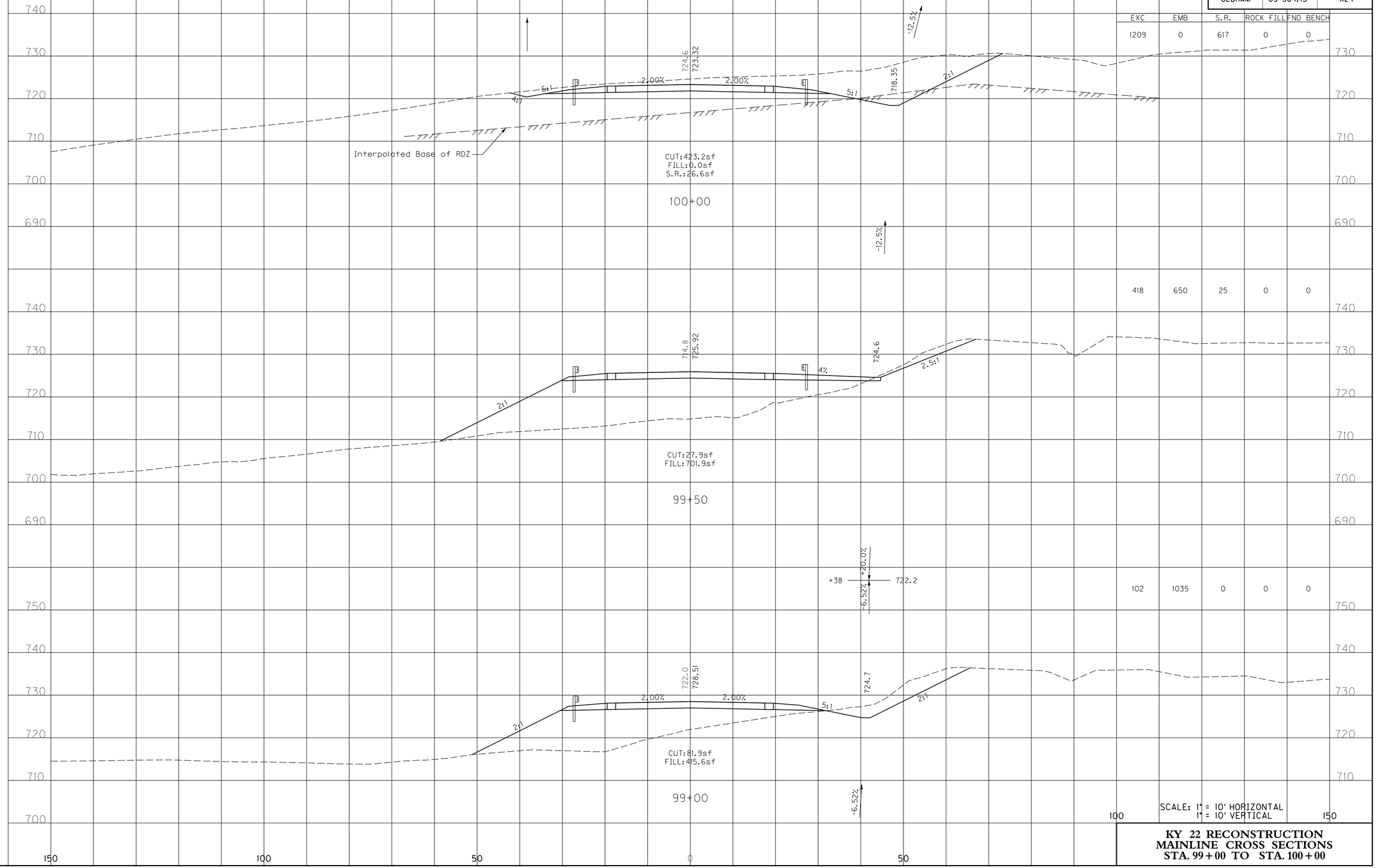
KY 22 RECONSTRUCTION
GENERAL NOTES

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X24

EXC	EMB	S.R.	ROCK FILL	END BENCH
1209	0	617	0	0
418	650	25	0	0
102	1035	0	0	0



SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

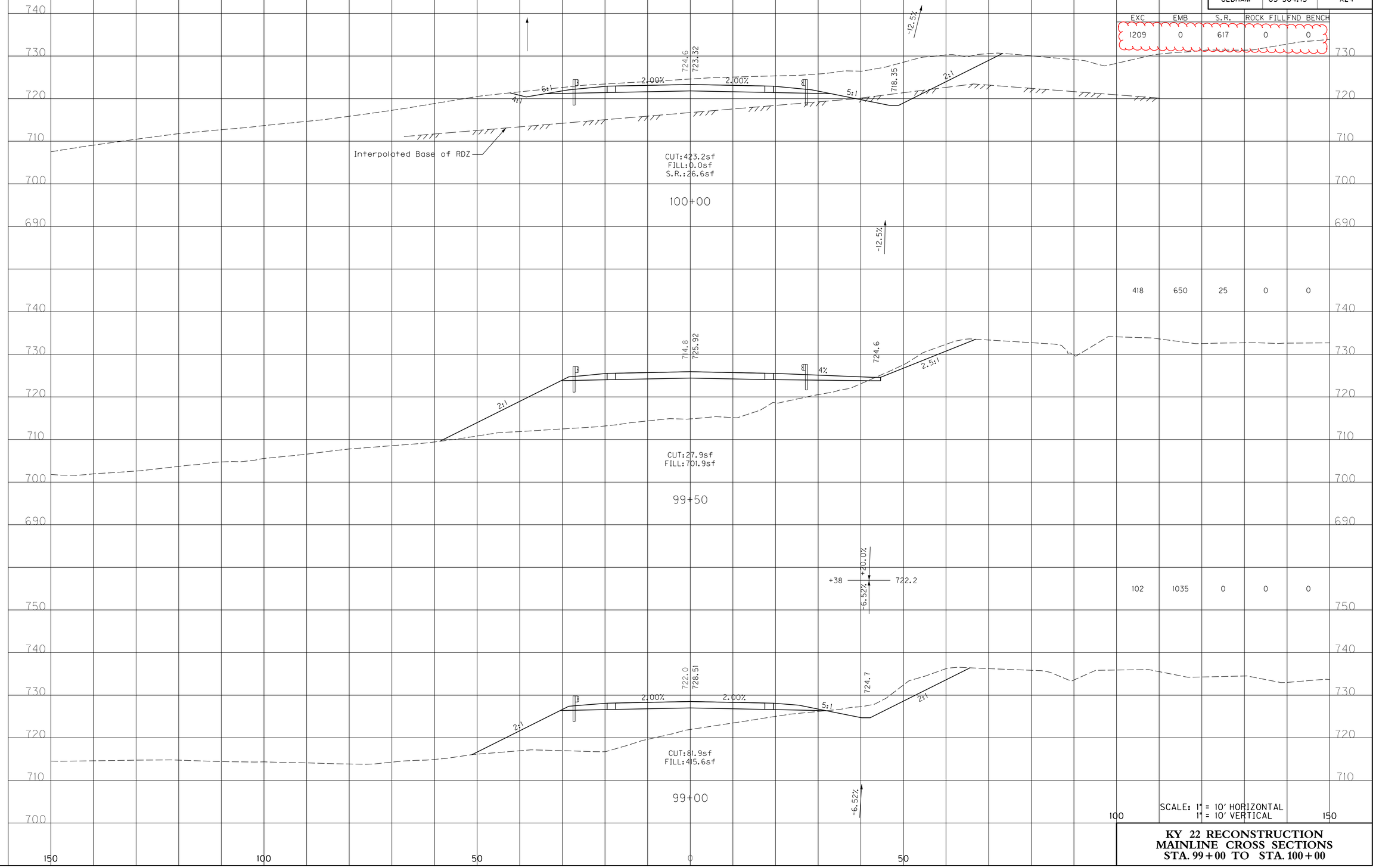
KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 99+00 TO STA. 100+00

MicroStation v8.11.7.180
E-SHEET NAME: X02400XS
USER: Alexi.Smith
DATE PLOTTED: January 1, 0001
FILE NAME: C:\PWWORK\ALEXI.SMITH\D0144517\KYTC_SHEET.CEL

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X24

EXC	EMB	S.R.	ROCK FILL	FND BENCH
1209	0	617	0	0
418	650	25	0	0
102	1035	0	0	0



KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 99+00 TO STA. 100+00

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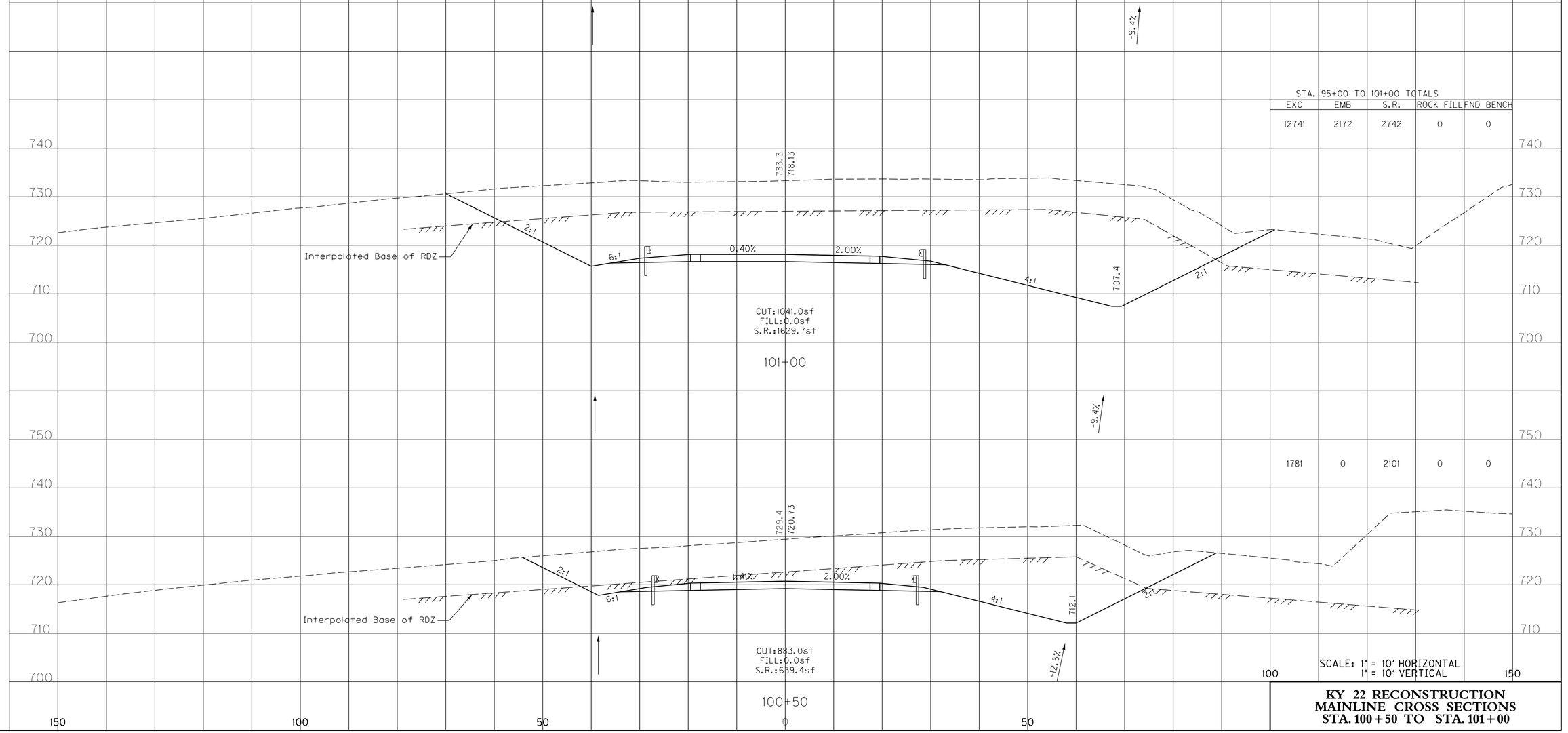
REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X25

EXC	EMB	S.R.	ROCK FILL	END BENCH
1823	0	3520	0	0

STA. 95+00 TO 101+00 TOTALS

EXC	EMB	S.R.	ROCK FILL	END BENCH
12741	2172	2742	0	0



STA.	EXC	EMB	S.R.	ROCK FILL	END BENCH
101+00	1781	0	2101	0	0
100+50					

SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 100+50 TO STA. 101+00

MicroStation v8.11.7.180 | E-SHEET NAME: X025000XS | USER: Alexi.Smith DATE PLOTTED: January 1, 0001 | FILE NAME: C:\PWWORK\ALEXI.SMITH\D0144517\KYTC_SHEET.CEL

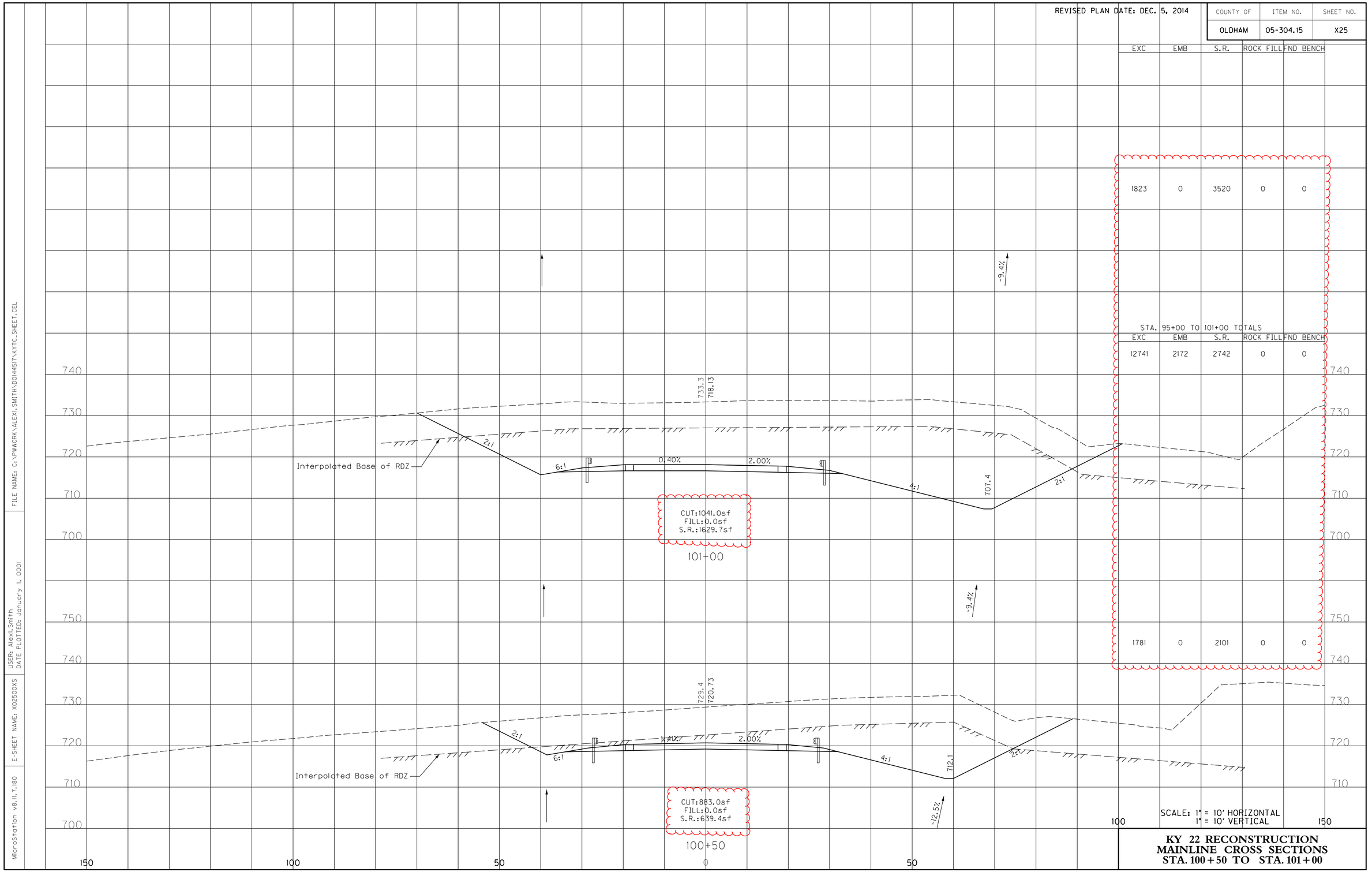
REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X25

EXC	EMB	S.R.	ROCK FILL	FND BENCH
1823	0	3520	0	0

STA. 95+00 TO 101+00 TOTALS

EXC	EMB	S.R.	ROCK FILL	FND BENCH
12741	2172	2742	0	0



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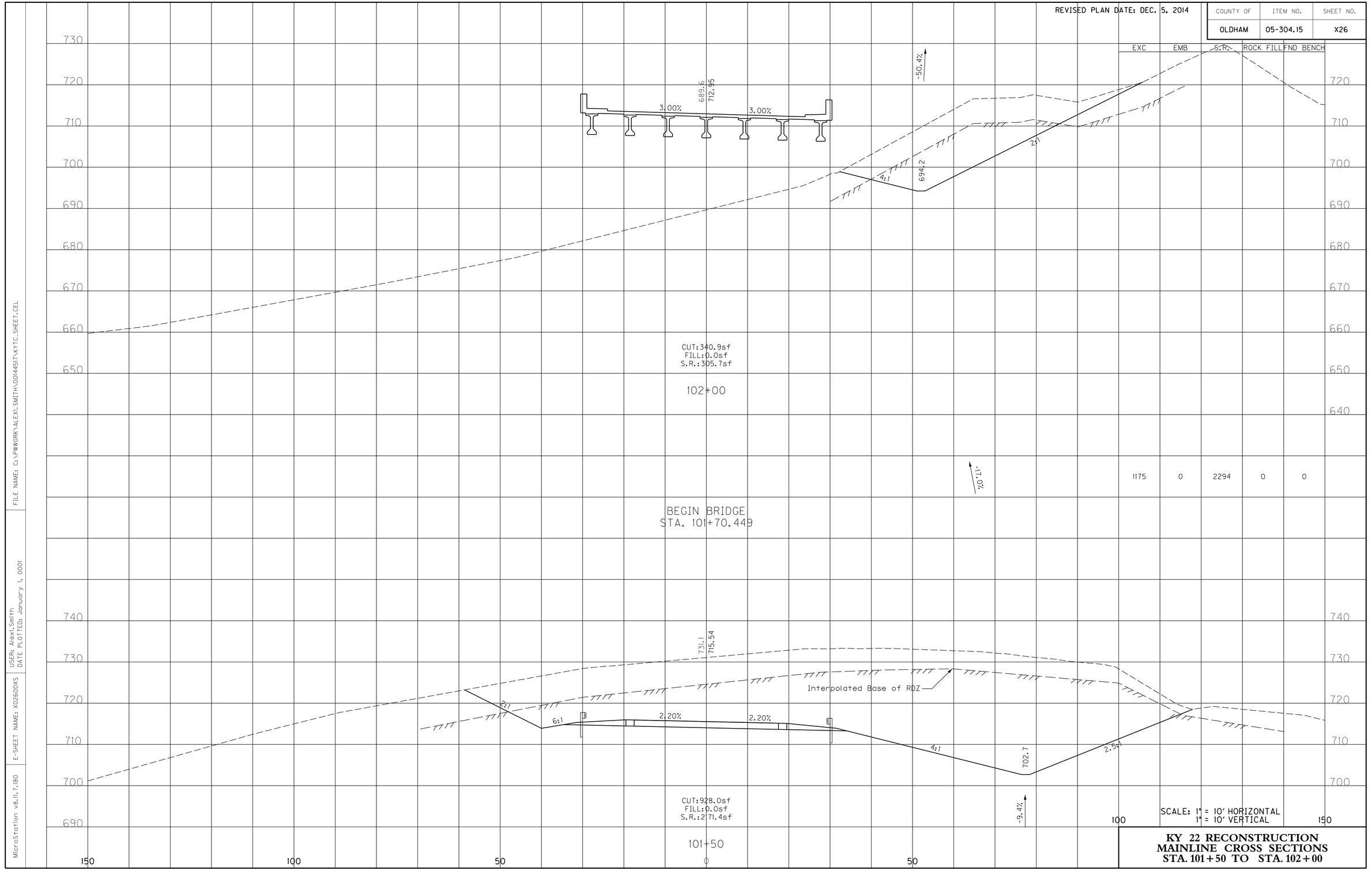
KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 100+50 TO STA. 101+00

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X26



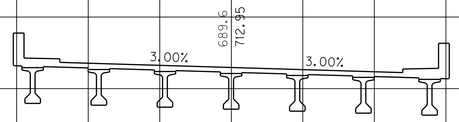
KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 101+50 TO STA. 102+00

MicroStation v8.11.7.180
E-SHEET NAME: XQ26000XS
USER: Alexi.Smith
DATE PLOTTED: January 1, 0001
FILE NAME: C:\PWWORK\ALEXI.SMITH\D0144517\KYTC_SHEET.CEL

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X26

EXC EMB S.R. ROCK FILL END BENCH



-50.4%

694.2

4:1

2:1

CUT:340.9sf
FILL:0.0sf
S.R.:305.7sf

102+00

1175	0	2294	0	0

-17.0%

BEGIN BRIDGE
STA. 101+70.449

731.1
715.54

Interpolated Base of RDZ

2:1
6:1
2.20%
2.20%
4:1
2.5:1
702.7
-9.4%

CUT:928.0sf
FILL:0.0sf
S.R.:271.4sf

101+50

730 720 710 700 690 680 670 660 650 640

740 730 720 710 700 690

150 100 50 0 50 100 150

SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

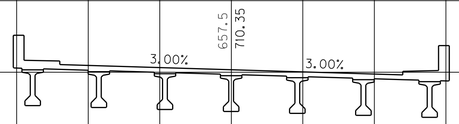
KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 101+50 TO STA. 102+00

MicroStation v8.11.7.180
E-SHEET NAME: X02600XS
USER: Alexi.Smith
DATE PLOTTED: January 1, 0001
FILE NAME: C:\PWWORK\ALEXI.SMITH\D01445I7\KYTC_SHEET.CEL

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X27

EXC	EMB	S.R.	ROCK FILL	END BENCH
114	0	0	0	0
412	0	283	0	0



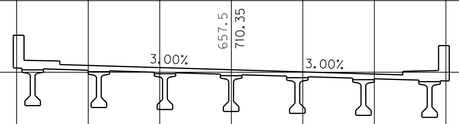
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 102+50 TO STA. 102+50

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X27

EXC	EMB	S.R.	ROCK FILL	END BENCH
114	0	0	0	0
412	0	283	0	0

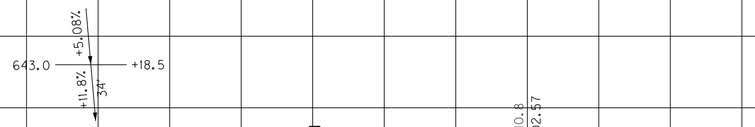


KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 102+50 TO STA. 102+50

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X30

EXC	EMB	S.R.	ROCK FILL	FND BENCH
1321	0	0	2885	0



CUT: 2.2sf
FILL: 0.0sf

104+00

SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

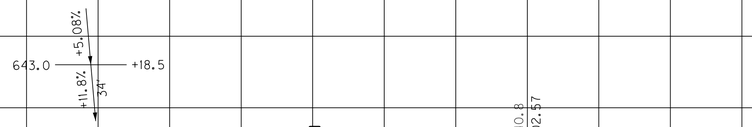
KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 104+00 TO STA. 104+00

MicroStation v8.11.7.180 | E-SHEET NAME: X03000XS | USER: Alexi.Smith DATE PLOTTED: January 1, 0001 | FILE NAME: C:\PWWORK\ALEXI.SMITH\D0144517\KYTC_SHEET.CEL

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X30

EXC	EMB	S.R.	ROCK FILL	FND BENCH
1321	0	0	2885	0



SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

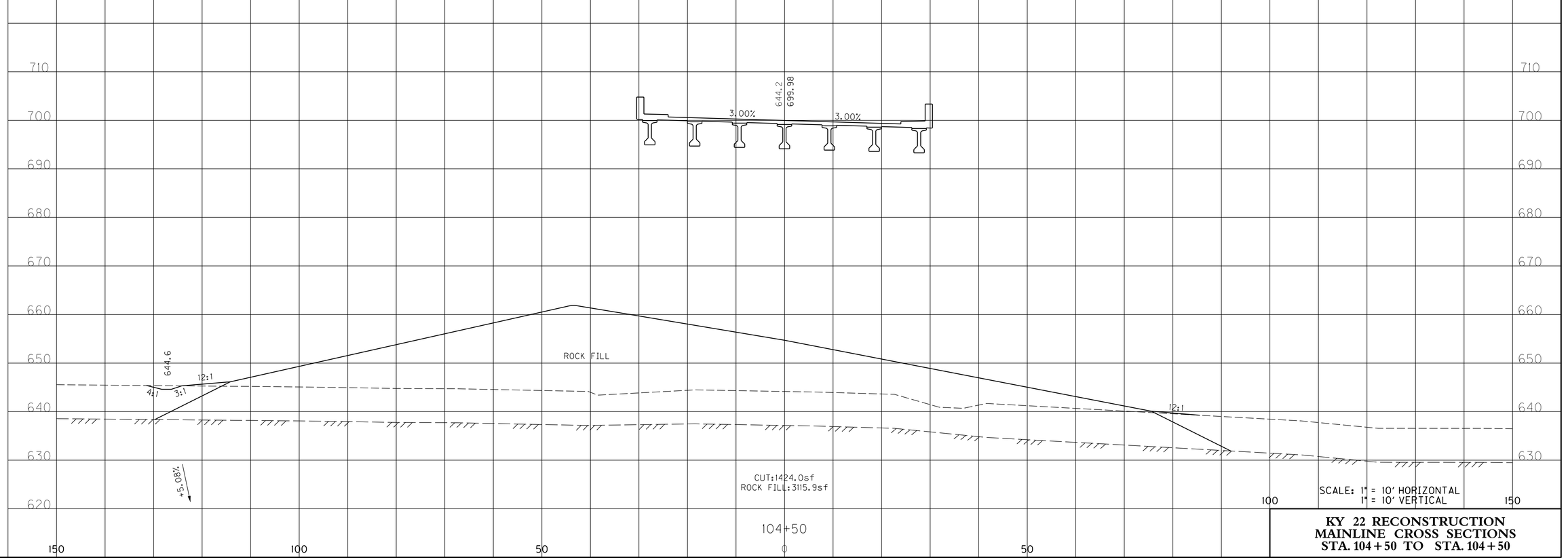
KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 104+00 TO STA. 104+00

MicroStation v8.11.7.180
E-SHEET NAME: X03000XS
USER: Alexi.Smith
DATE PLOTTED: January 1, 0001
FILE NAME: C:\PWWORK\ALEXI.SMITH\D0144517\KYTC_SHEET.CEL

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X31

EXC	EMB	S.R.	ROCK FILL	FND BENCH
2254	3501	0	5972	0



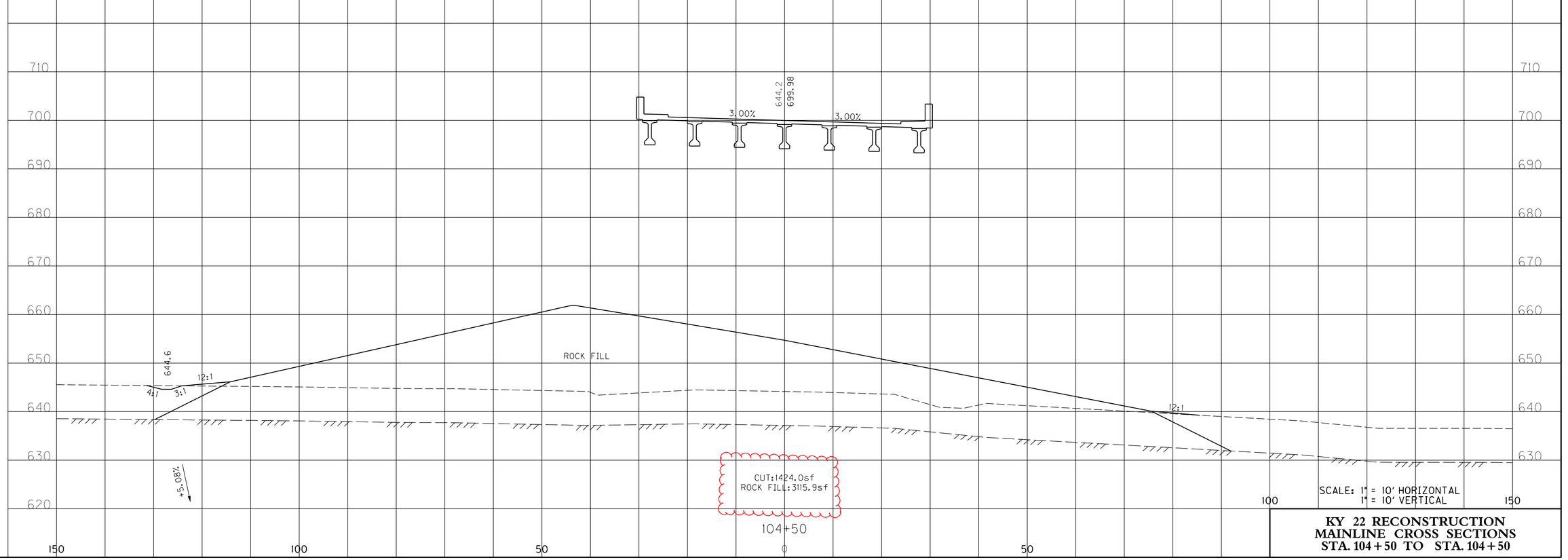
KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 104 + 50 TO STA. 104 + 50

MicroStation v8.11.7.180 | E-SHEET NAME: X03100XS | USER: Alexi.Smith DATE PLOTTED: January 1, 0001 | FILE NAME: C:\PWWORK\ALEXI.SMITH\D0144517\KYTC_SHEET.CEL

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X31

EXC	EMB	S.R.	ROCK FILL	FND BENCH
2254	3501	0	5972	0



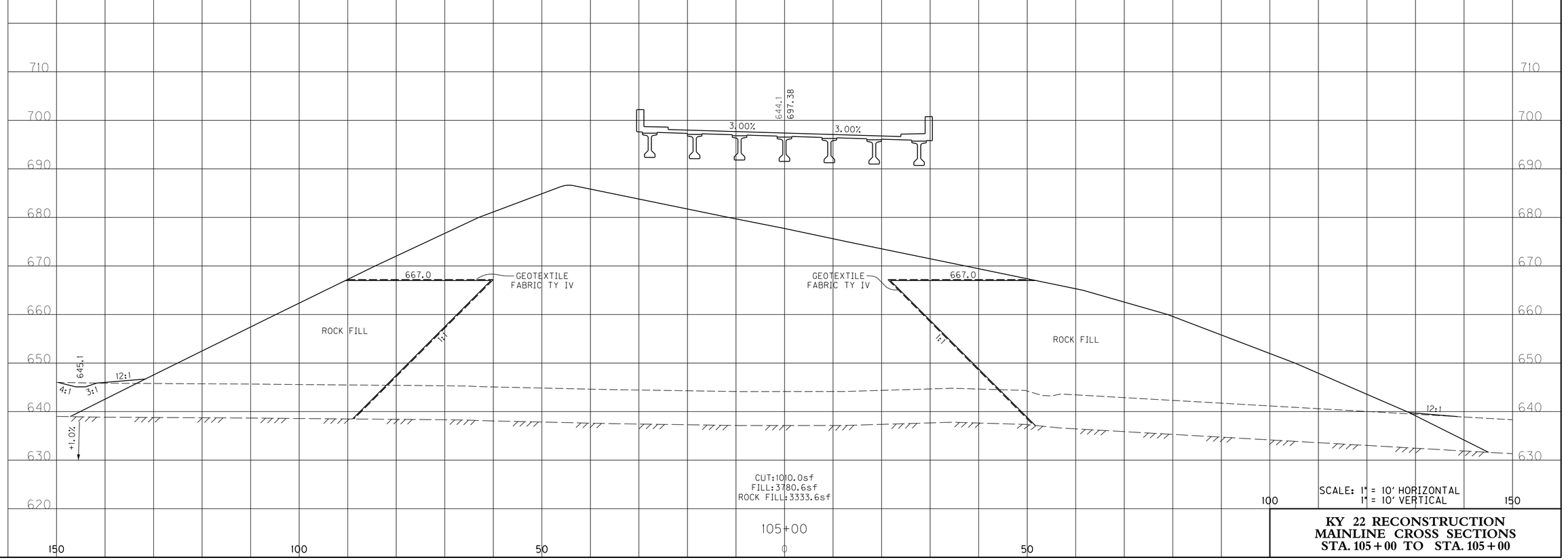
KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 104+50 TO STA. 104+50

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X32

EXC	EMB	S.R.	ROCK FILL	END BENCH
1661	9037	0	5488	0

END BRIDGE
STA. 105+27.656



CUT: 1010.0sf
FILL: 3780.6sf
ROCK FILL: 3333.6sf

105+00

SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 105+00 TO STA. 105+00

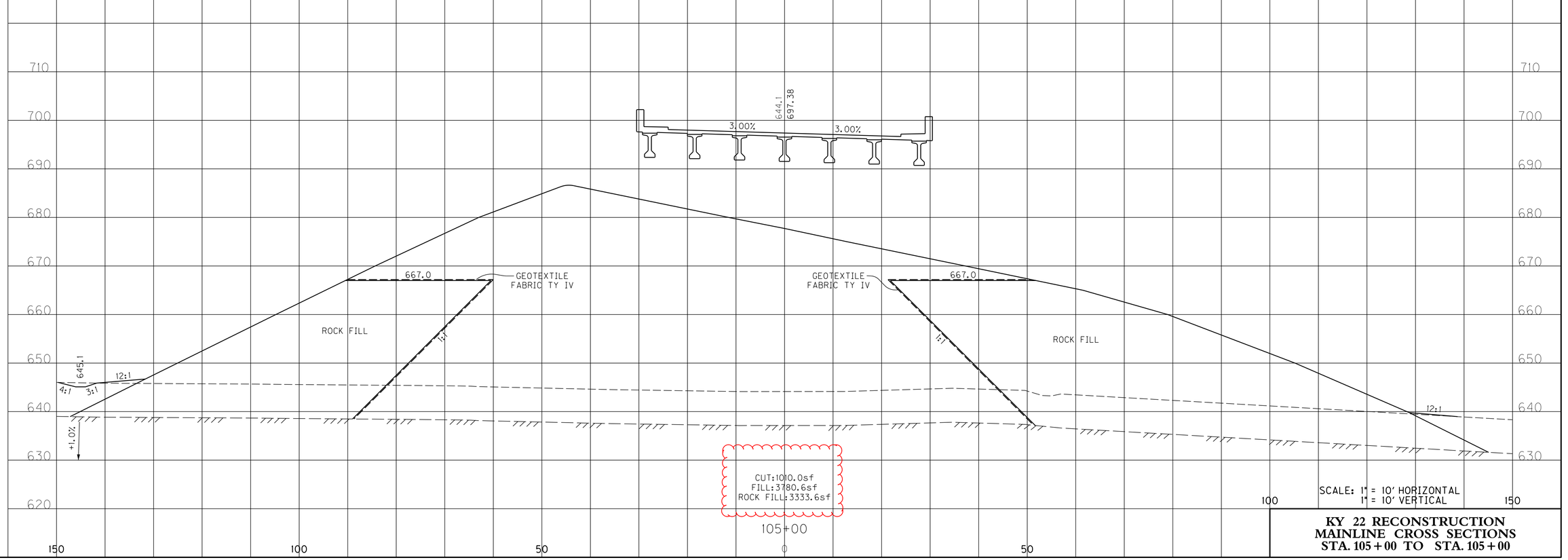
MicroStation v8.11.7.180 | E-SHEET NAME: X032000XS | USER: Alexi.Smith DATE PLOTTED: January 1, 0001 | FILE NAME: C:\PWWORK\ALEXI.SMITH\D0144517\KYTC_SHEET.CEL

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X32

EXC	EMB	S.R.	ROCK FILL	END BENCH
1661	9037	0	5488	0

END BRIDGE
STA. 105+27.656



SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

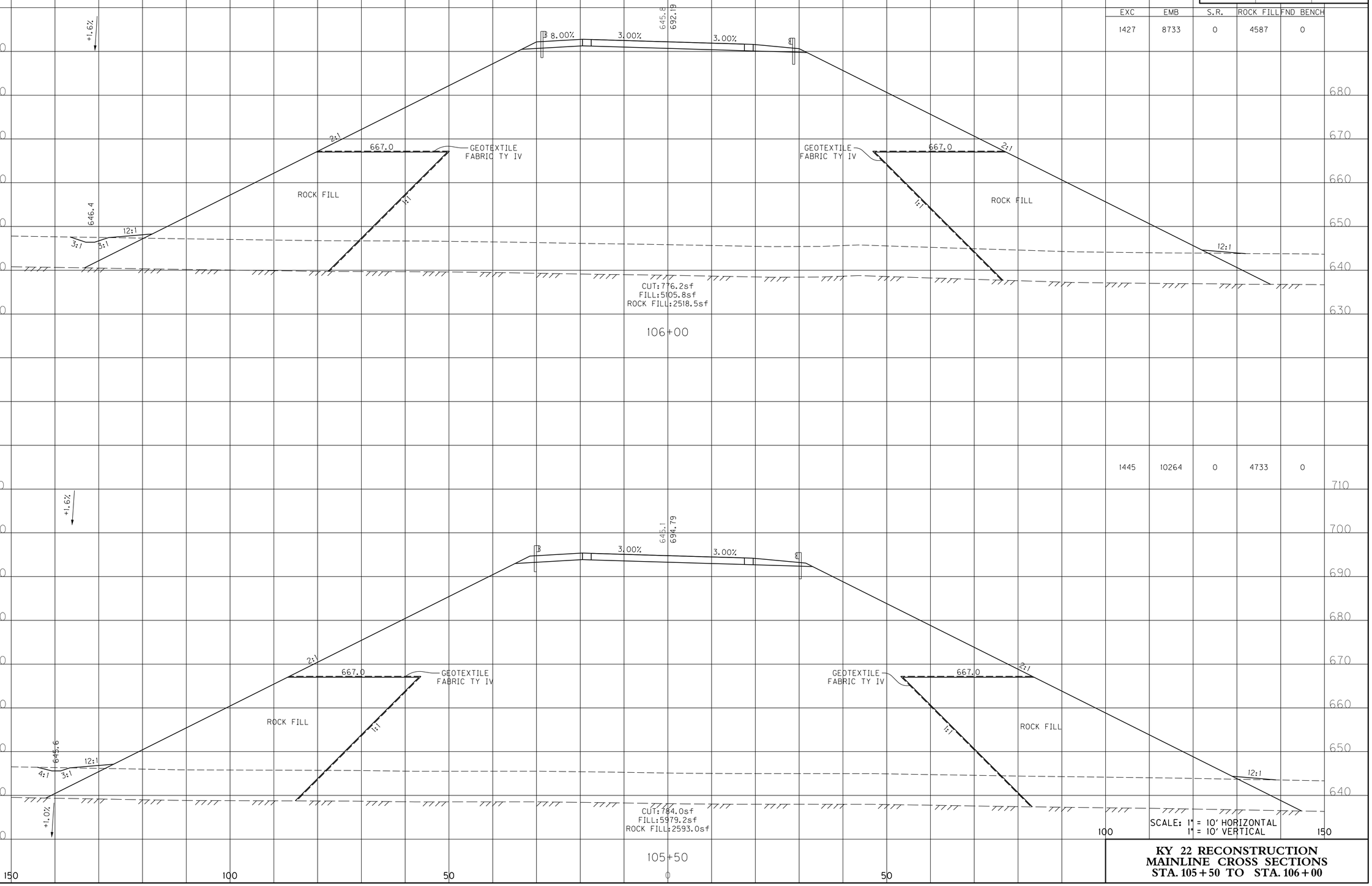
KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 105+00 TO STA. 105+00

FILE NAME: C:\PWWORK\ALEXI.SMITH\D01445I7\KYTC_SHEET.CEL
USER: Alexi.Smith
DATE PLOTTED: January 1, 0001
E-SHEET NAME: X032000XS
MicroStation v8.11.7.180

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X33

EXC	EMB	S.R.	ROCK FILL	FND BENCH
1427	8733	0	4587	0



EXC	EMB	S.R.	ROCK FILL	FND BENCH
1445	10264	0	4733	0

SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

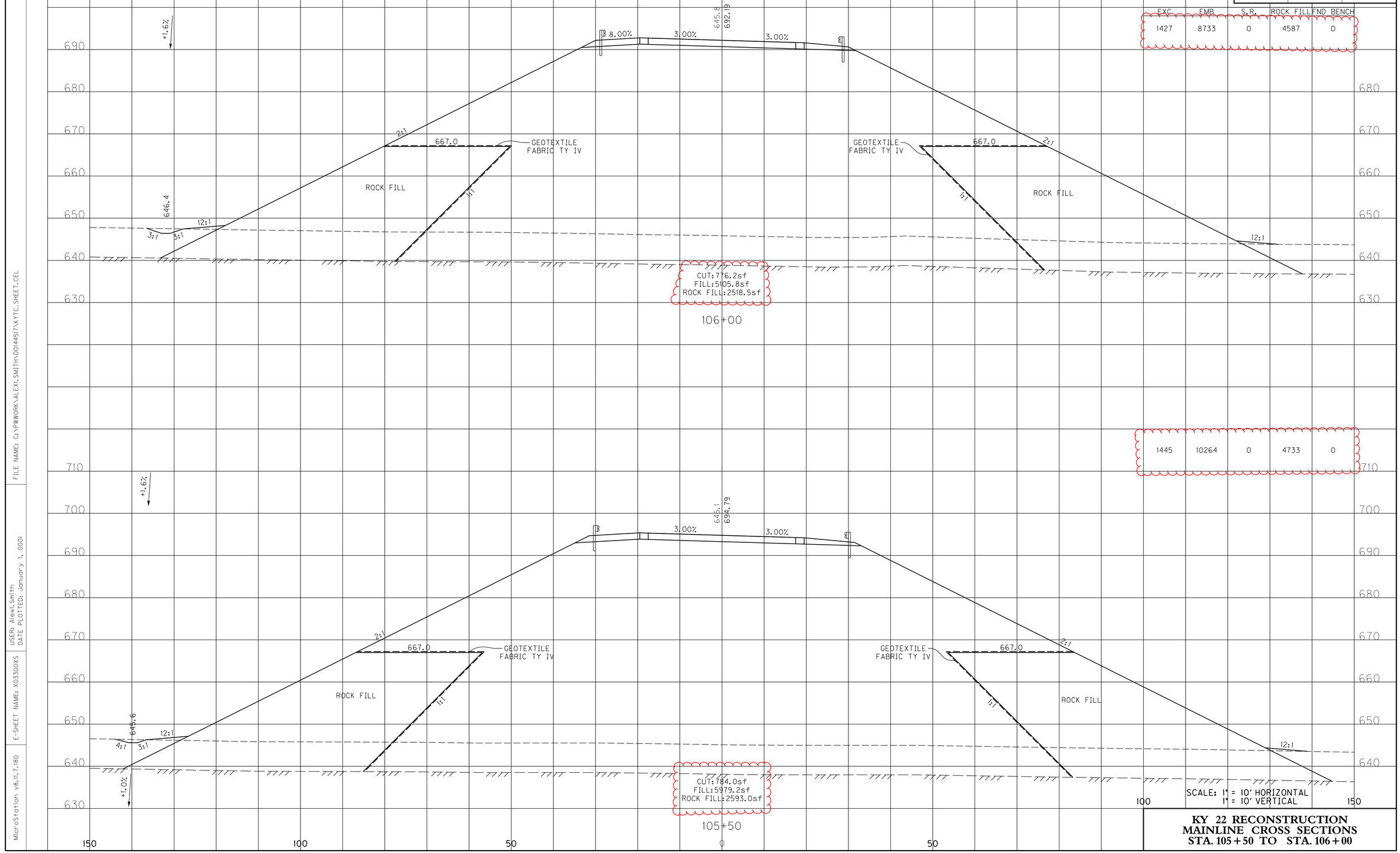
KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 105+50 TO STA. 106+00

FILE NAME: C:\PWWORK\ALEXI.SMITH\D0014457\KYTC_SHEET.CEL
USER: Alexi.Smith
DATE PLOTTED: January 1, 0001
E-SHEET NAME: X03300XS
MicroStation v8.11.7.180

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X33

EXC	EMB	S.R.	ROCK FILL	FND BENCH
1427	8733	0	4587	0



EXC	EMB	S.R.	ROCK FILL	FND BENCH
1445	10264	0	4733	0

SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

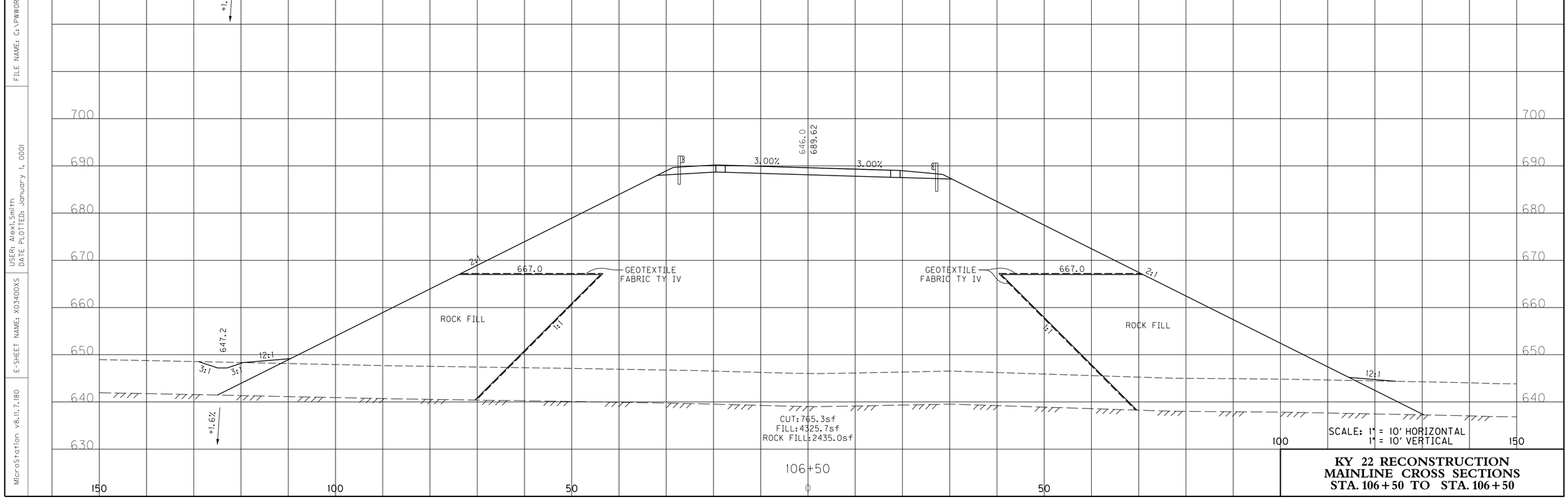
KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 105+50 TO STA. 106+00

MicroStation v8.11.7.180 | E-SHEET NAME: X03300XS | USER: Alexi.Smith | DATE PLOTTED: January 1, 0001 | FILE NAME: C:\PWWORK\ALEXI.SMITH\D0144517\KYTC_SHEET.CEL

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X34

EXC	EMB	S.R.	ROCK FILL	FND BENCH
1406	8120	0	4417	0

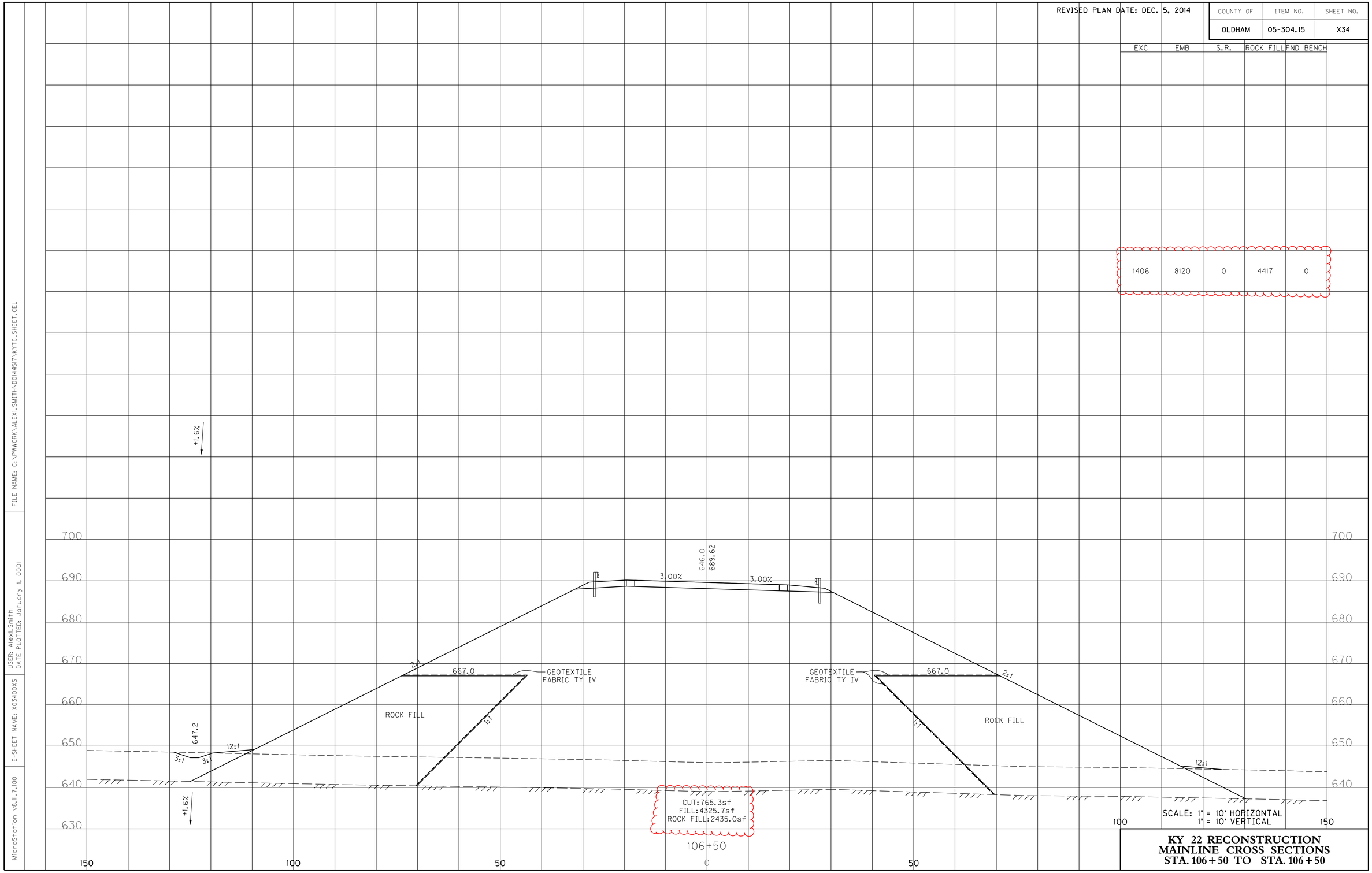


KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 106+50 TO STA. 106+50

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X34

EXC	EMB	S.R.	ROCK FILL	FND BENCH
1406	8120	0	4417	0

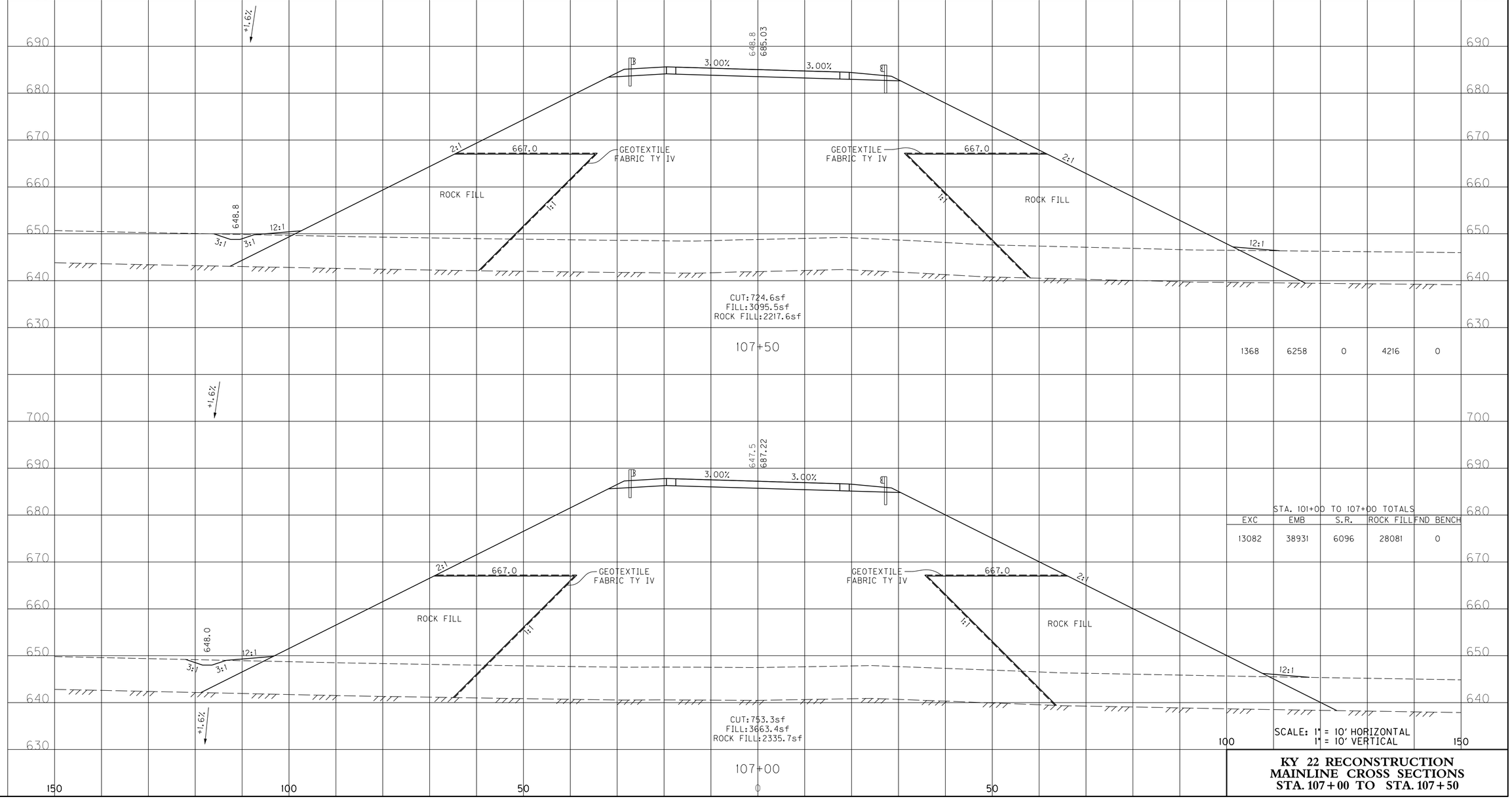


KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 106+50 TO STA. 106+50

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X35

STA.	EXC	EMB	S.R.	ROCK FILL	FND BENCH
107+50	1368	6258	0	4216	0
107+00	1317	7203	0	2053	0



STA. 101+00 TO 107+00 TOTALS

EXC	EMB	S.R.	ROCK FILL	FND BENCH
13082	38931	6096	28081	0

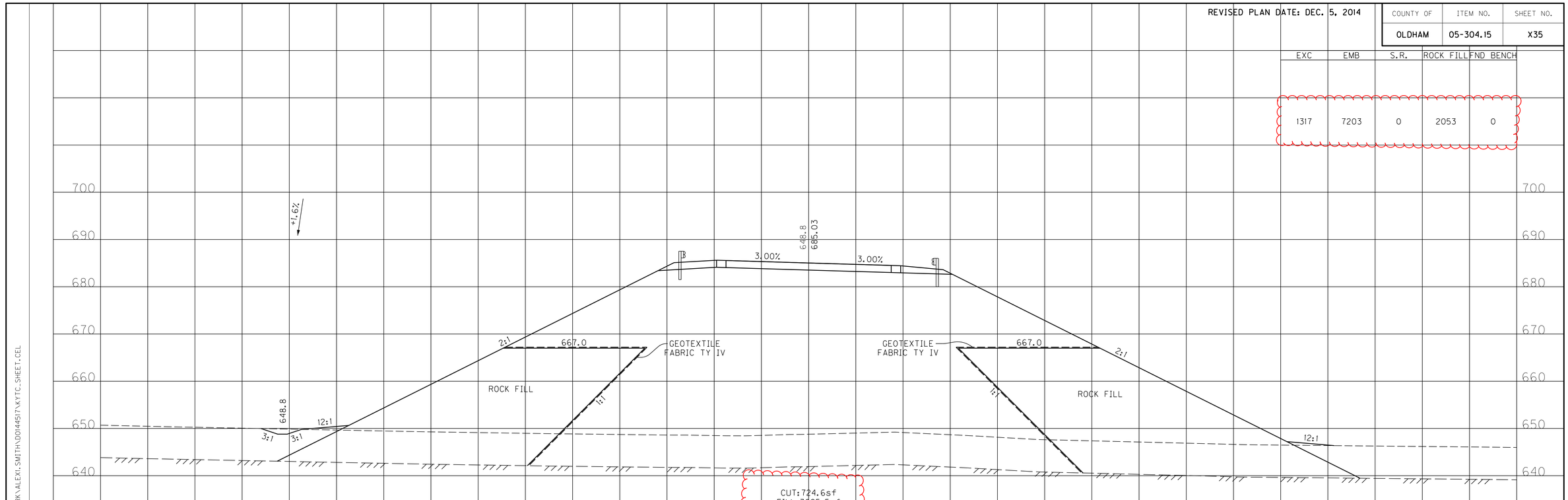
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 107+00 TO STA. 107+50

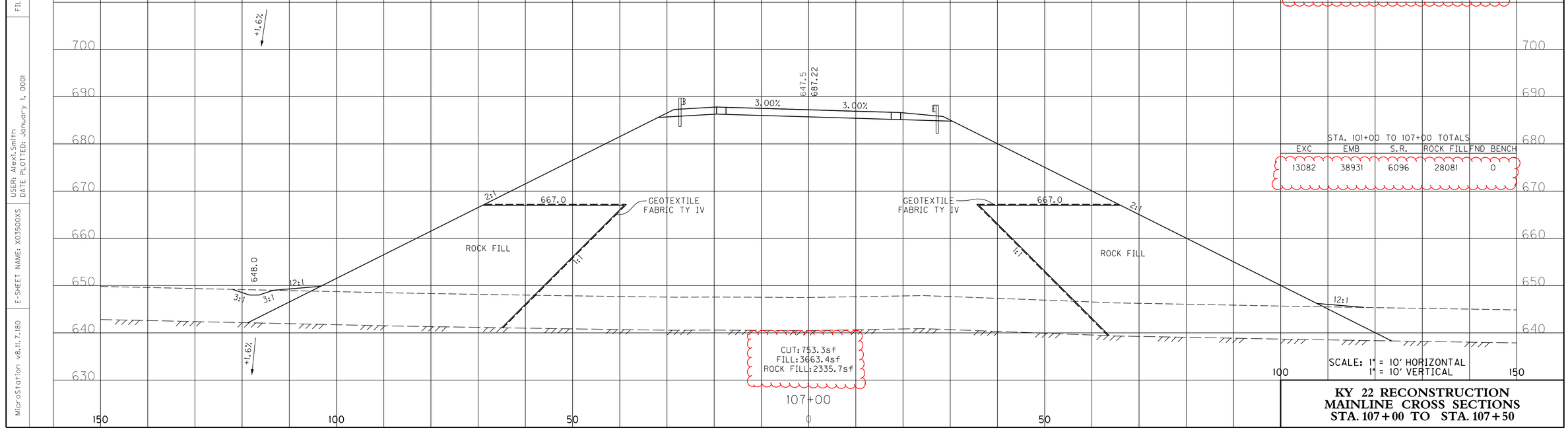
REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X35

EXC	EMB	S.R.	ROCK FILL	FND BENCH
1317	7203	0	2053	0



1368	6258	0	4216	0



STA. 101+00 TO 107+00 TOTALS

EXC	EMB	S.R.	ROCK FILL	FND BENCH
13082	38931	6096	28081	0

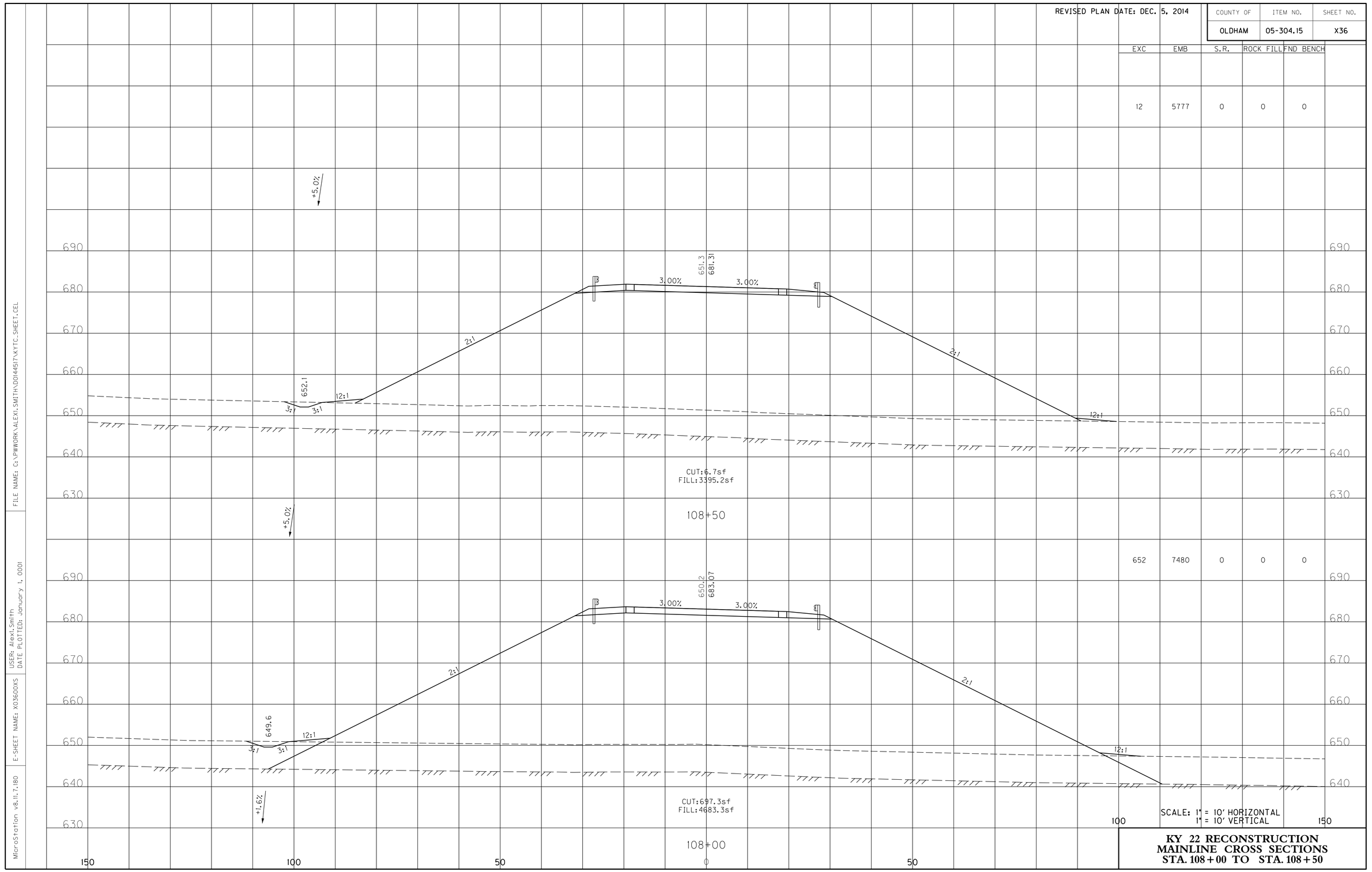
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 107+00 TO STA. 107+50

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X36

EXC	EMB	S.R.	ROCK FILL	END BENCH
12	5777	0	0	0
652	7480	0	0	0

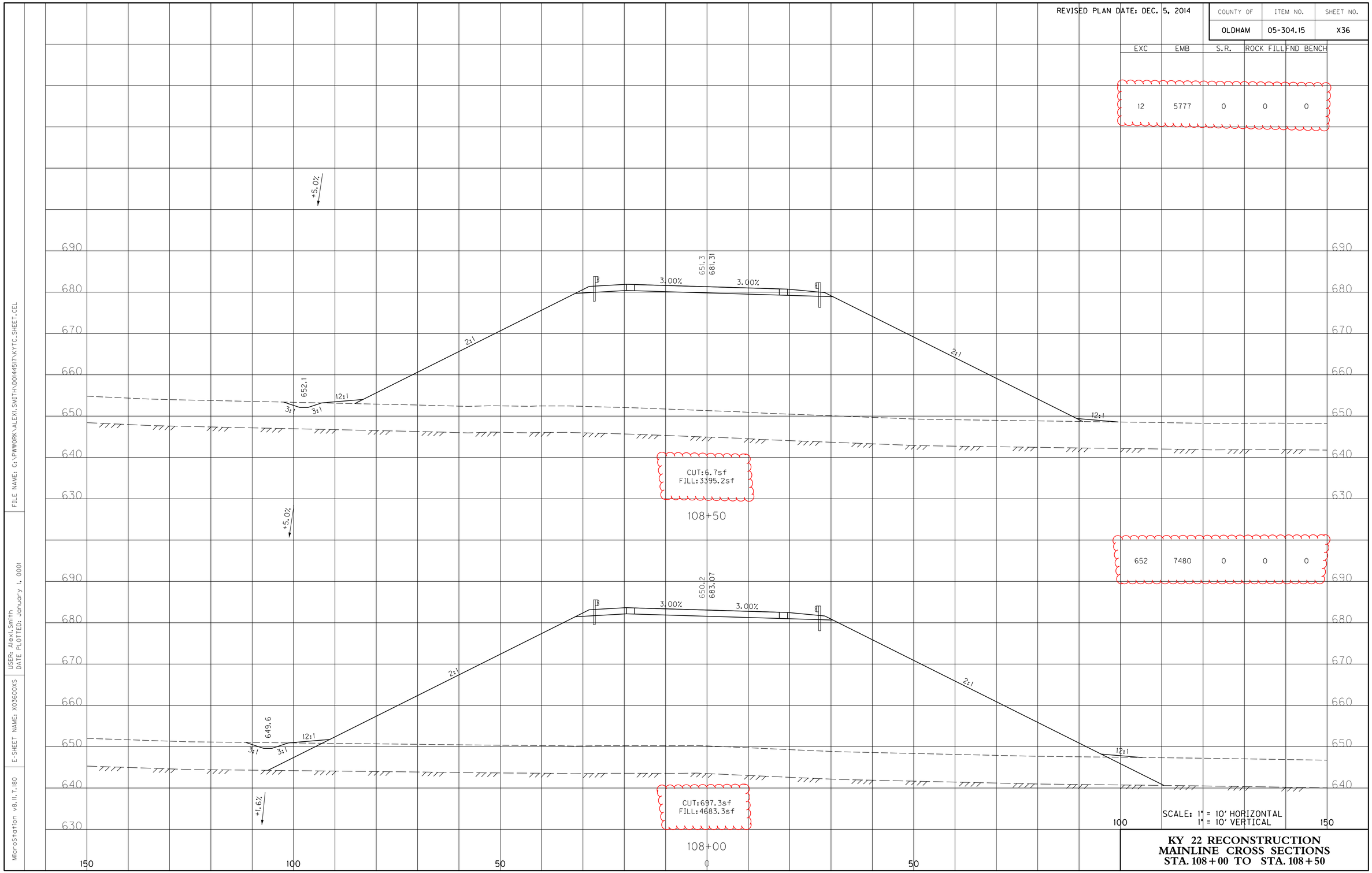


KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 108+00 TO STA. 108+50

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X36

EXC	EMB	S.R.	ROCK FILL	END BENCH
12	5777	0	0	0



652	7480	0	0	0

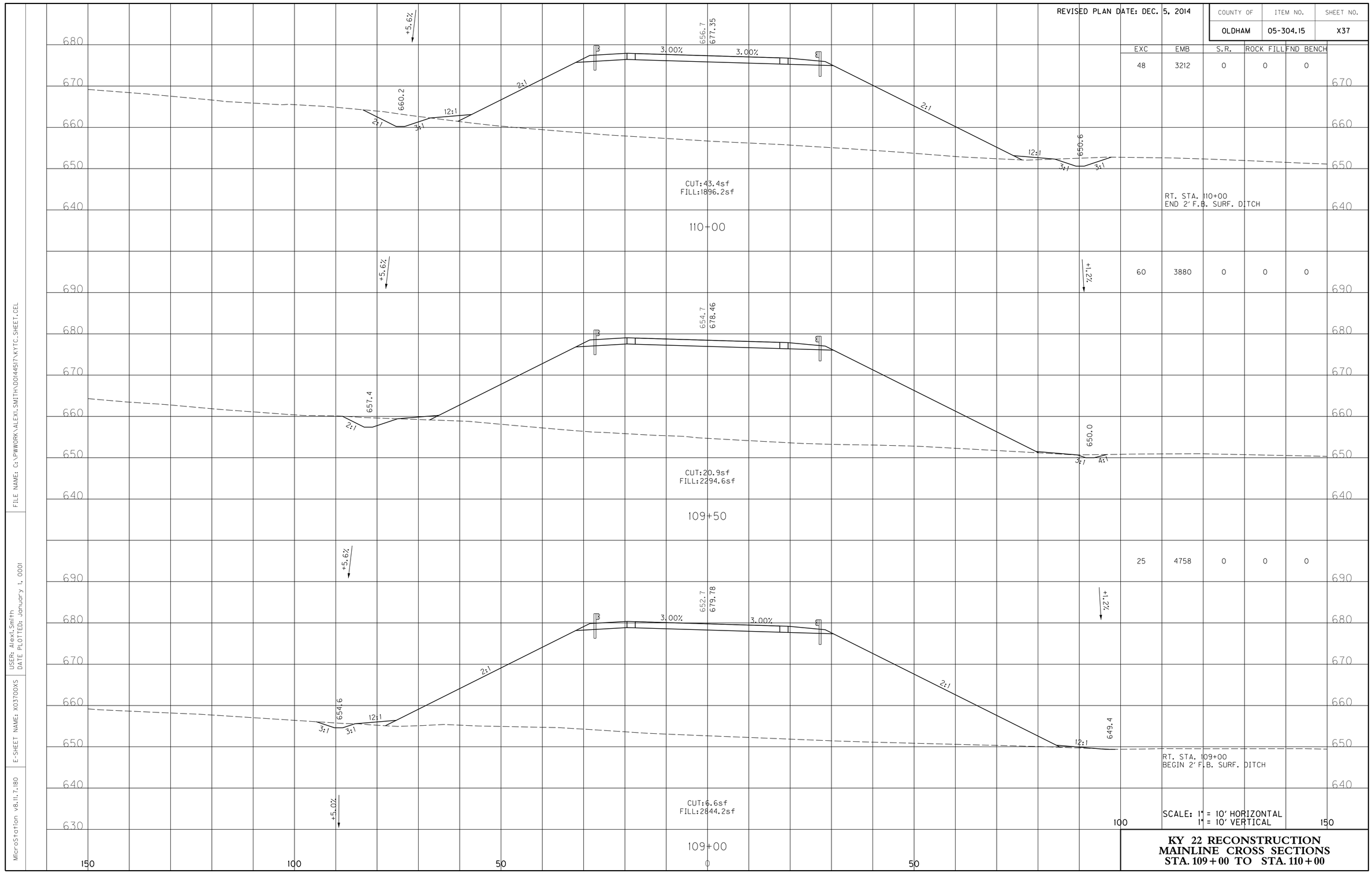
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 108+00 TO STA. 108+50

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X37

	EXC	EMB	S.R.	ROCK FILL	END BENCH
110+00	48	3212	0	0	0
109+50	60	3880	0	0	0
109+00	25	4758	0	0	0



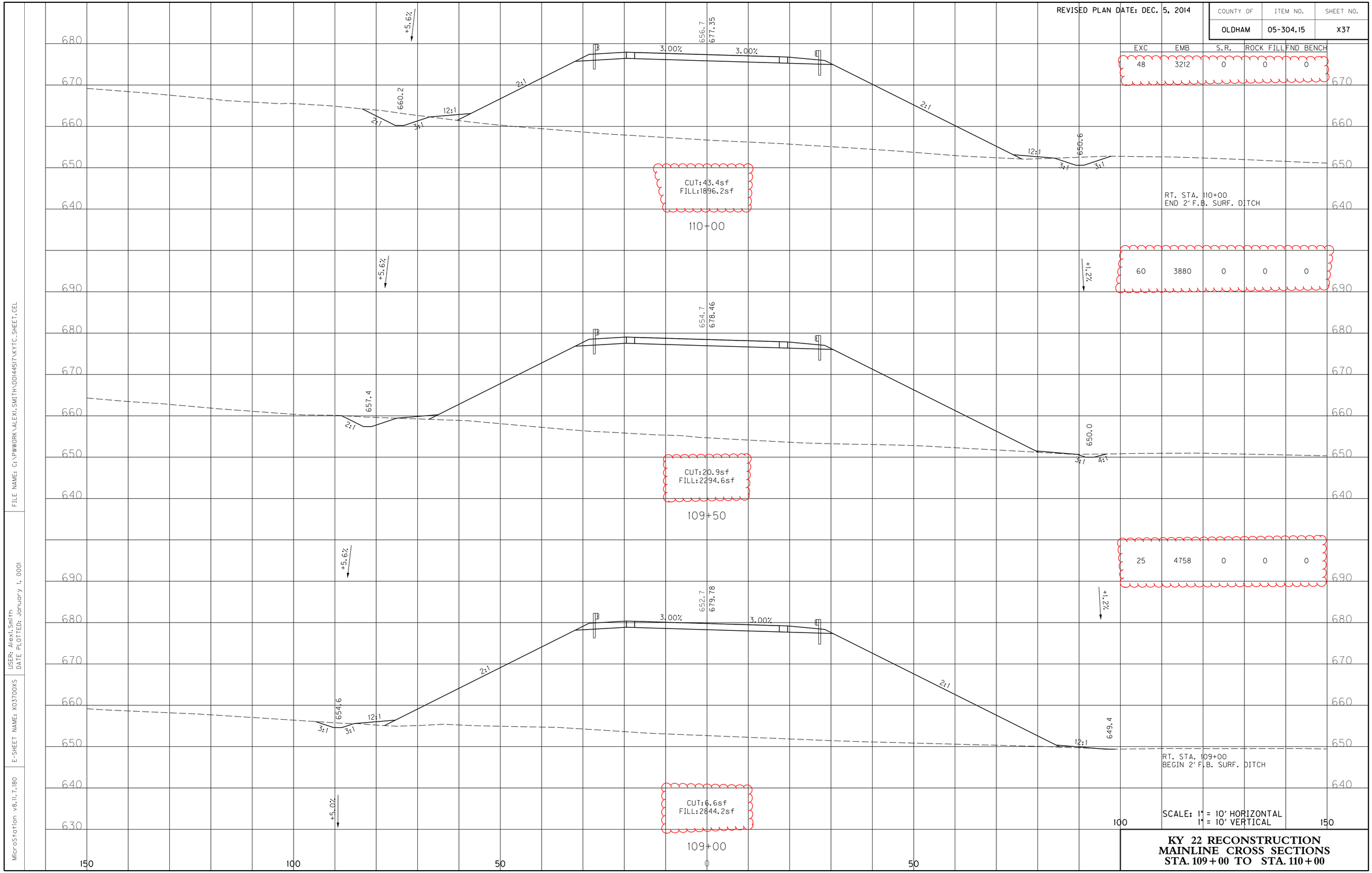
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 109+00 TO STA. 110+00

FILE NAME: C:\PWWORK\ALEXI.SMITH\D0144517\KYTC_SHEET.CEL
USER: Alexi.Smith
DATE PLOTTED: January 1, 0001
E-SHEET NAME: X037OOXS
MicroStation v8.11.7.180

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X37



EXC	EMB	S.R.	ROCK FILL	END BENCH
48	3212	0	0	0
60	3880	0	0	0
25	4758	0	0	0

RT. STA. 110+00
END 2' F.B. SURF. DITCH

RT. STA. 109+00
BEGIN 2' F.B. SURF. DITCH

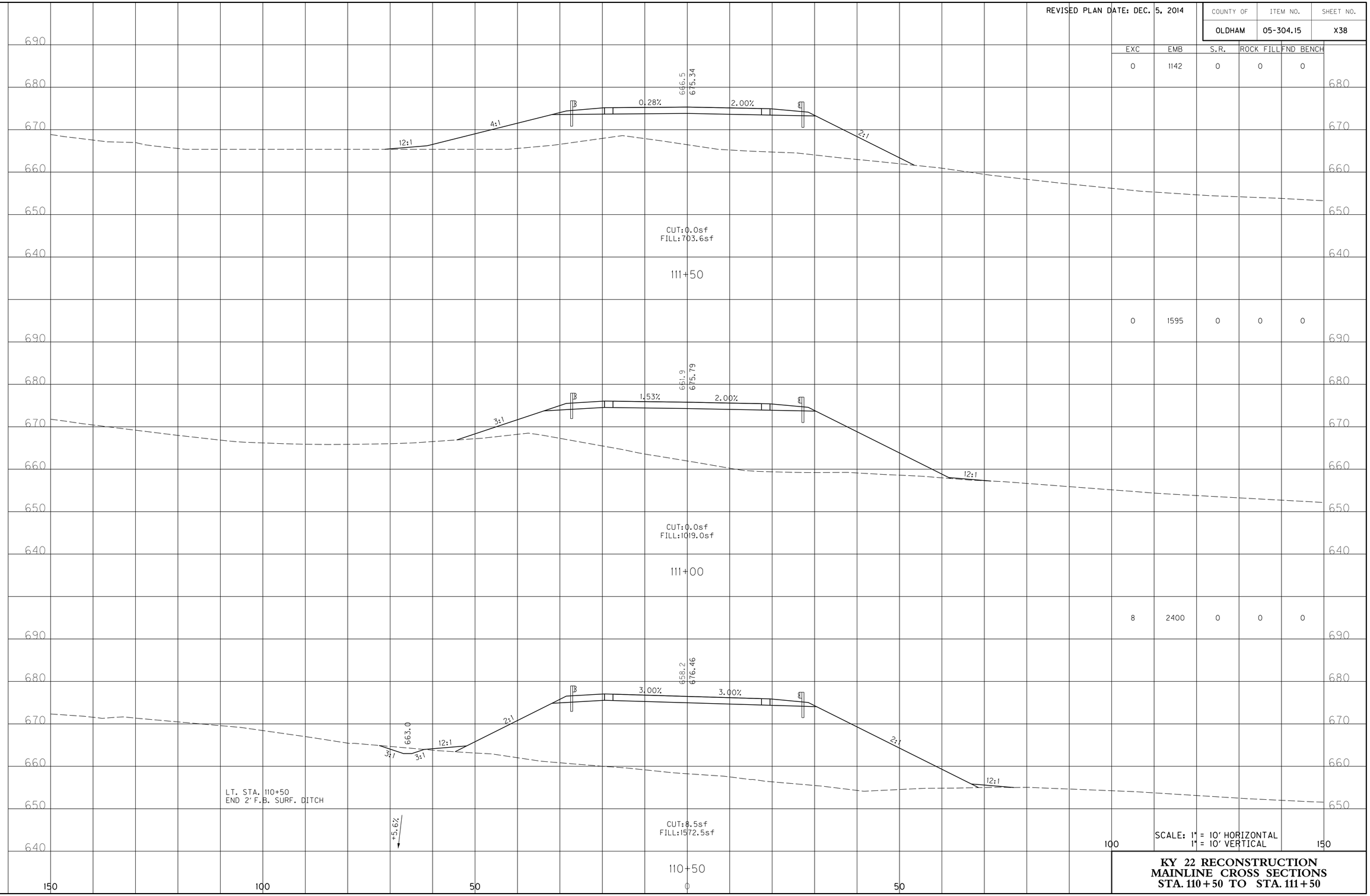
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 109+00 TO STA. 110+00

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X38

	EXC	EMB	S.R.	ROCK FILL	END BENCH
111+50	0	1142	0	0	0
111+00	0	1595	0	0	0
110+50	8	2400	0	0	0



SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 110+50 TO STA. 111+50

MicroStation v8.11.7.180 | E-SHEET NAME: X03800XS | USER: Alexi.Smith DATE PLOTTED: January 1, 0001 | FILE NAME: C:\PWWORK\ALEXI.SMITH\D0144517\KYTC_SHEET.CEL

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X38

EXC	EMB	S.R.	ROCK FILL	END BENCH
0	1142	0	0	0

666.5
675.34

0.28%
2.00%

4:1
12:1
2:1

CUT:0.0sf
FILL:703.6sf

111+50

0	1595	0	0	0

661.9
675.79

1.53%
2.00%

3:1
12:1

CUT:0.0sf
FILL:1019.0sf

111+00

8	2400	0	0	0

658.2
676.46

3.00%
3.00%

663.0
3:1
3:1
12:1
2:1
2:1
12:1

LT. STA. 110+50
END 2' F.B. SURF. DITCH

+5.6%

CUT:8.5sf
FILL:1572.5sf

110+50

690
680
670
660
650
640

150 100 50 0 50 100 150

SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

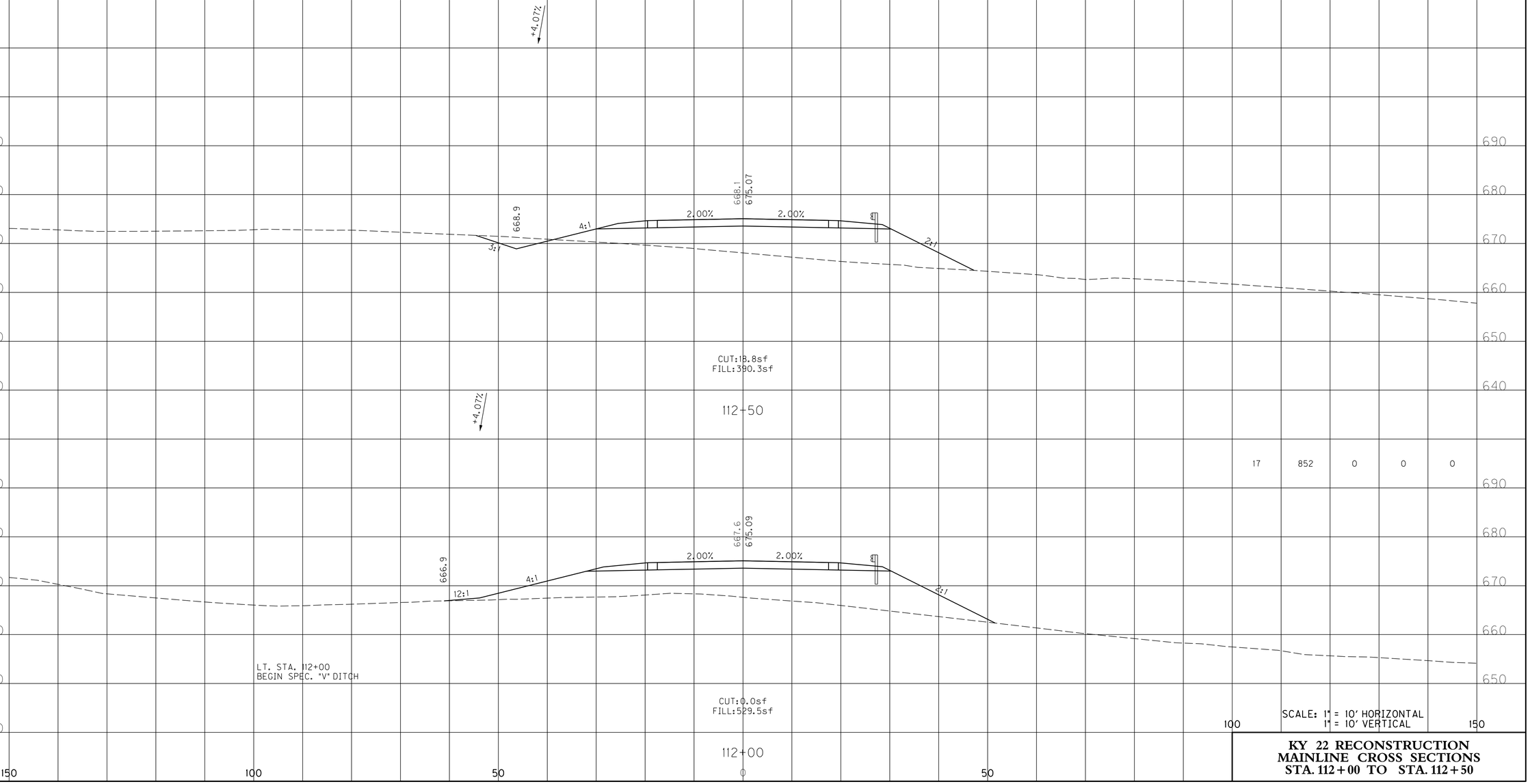
KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 110+50 TO STA. 111+50

MicroStation v8.11.7.180 | E-SHEET NAME: X038OOXS | USER: Alexi.Smith DATE PLOTTED: January 1, 0001 | FILE NAME: C:\PWWORK\ALEXI.SMITH\D0144517\KYTC_SHEET.CEL

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X39

	EXC	EMB	S.R.	ROCK FILL	
112+50	32	570	0	0	0
112+00	17	852	0	0	0

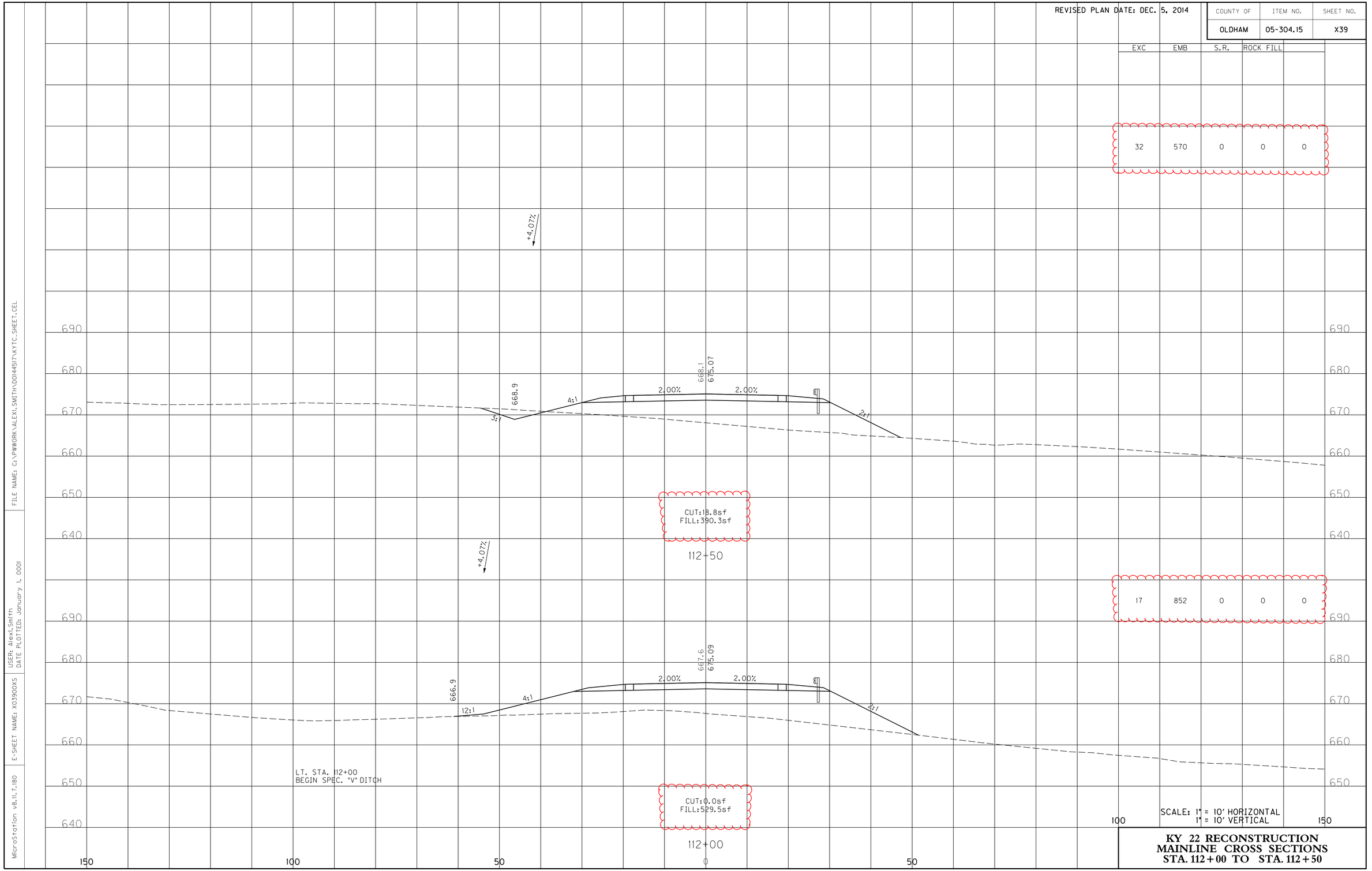


KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 112+00 TO STA. 112+50

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X39

EXC	EMB	S.R.	ROCK FILL	
32	570	0	0	0



EXC	EMB	S.R.	ROCK FILL	
17	852	0	0	0

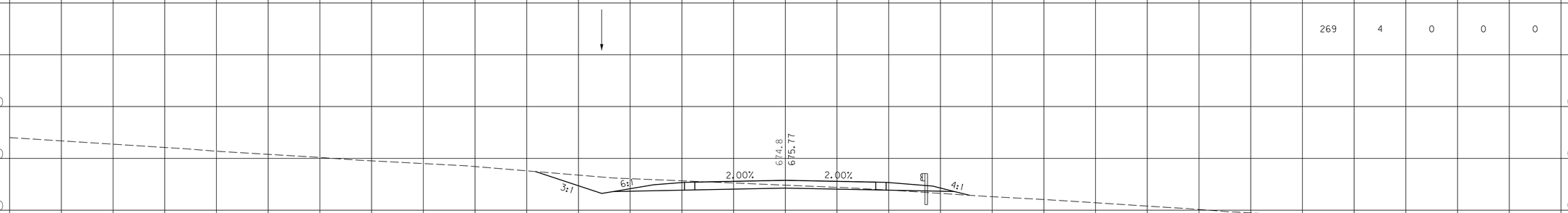
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 112+00 TO STA. 112+50

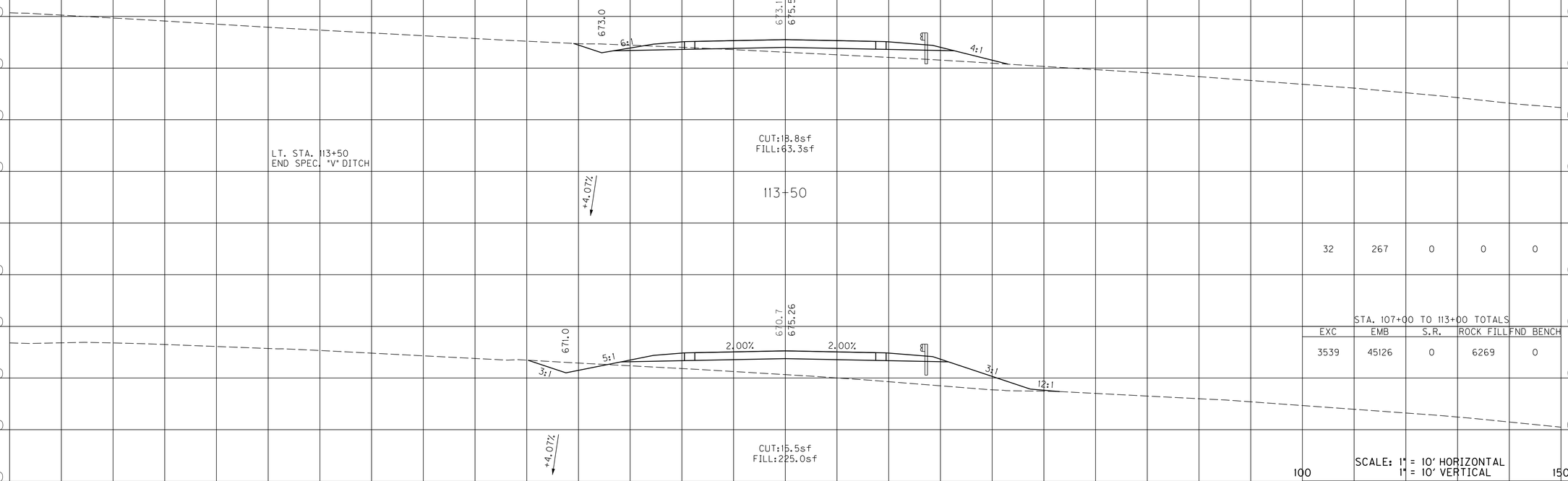
MicroStation v8.11.7.180
E-SHEET NAME: X0390OXS
USER: Alexi.Smith
DATE PLOTTED: January 1, 0001
FILE NAME: C:\PWWORK\ALEXI.SMITH\D0144517\KYTC_SHEET.CEL

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X40



EXC	EMB	S.R.	ROCK FILL	END BENCH
269	4	0	0	0



EXC	EMB	S.R.	ROCK FILL	END BENCH
97	63	0	0	0
32	267	0	0	0

STA. 107+00 TO 113+00 TOTALS

EXC	EMB	S.R.	ROCK FILL	END BENCH
3539	45126	0	6269	0

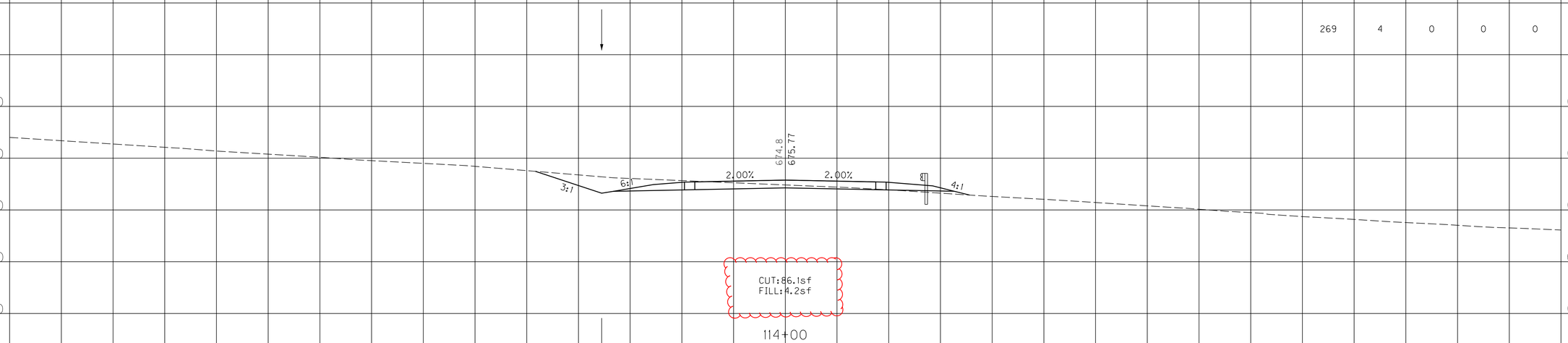
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 113+00 TO STA. 114+00

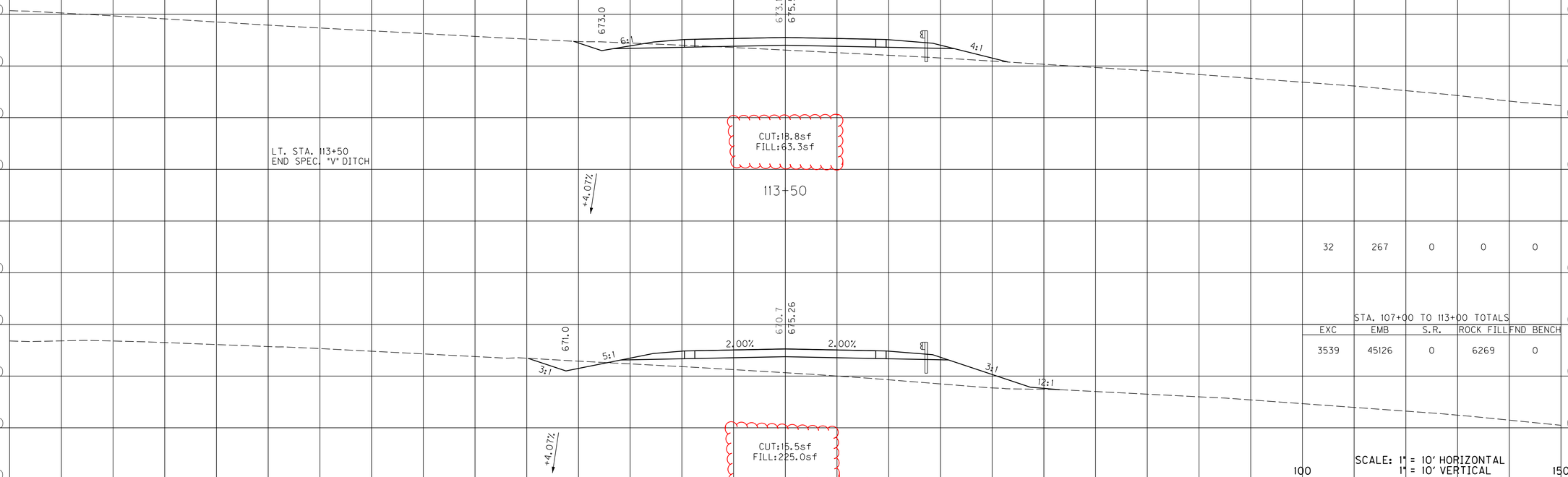
MicroStation v8.11.7.180 | E-SHEET NAME: X040000XS | USER: Alexi.Smith DATE PLOTTED: January 1, 0001 | FILE NAME: C:\PWWORK\ALEXI.SMITH\D0144517\KYTC_SHEET.CEL

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X40



EXC	EMB	S.R.	ROCK FILL	END BENCH
269	4	0	0	0



EXC	EMB	S.R.	ROCK FILL	END BENCH
97	63	0	0	0
32	267	0	0	0

STA. 107+00 TO 113+00 TOTALS

EXC	EMB	S.R.	ROCK FILL	END BENCH
3539	45126	0	6269	0

SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

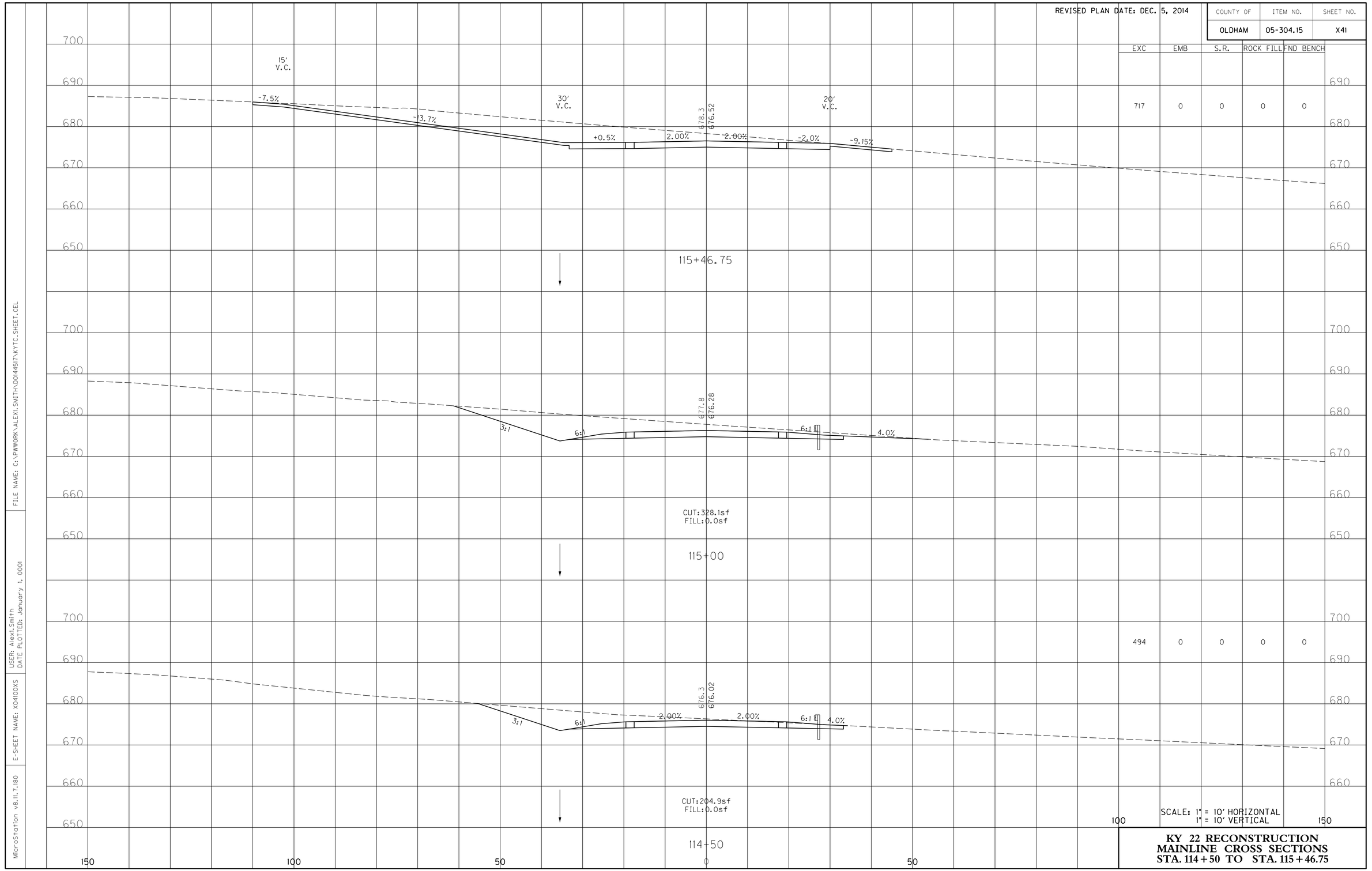
KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 113+00 TO STA. 114+00

FILE NAME: C:\PWWORK\ALEXI.SMITH\D0144517\KYTC_SHEET.CEL
USER: Alexi.Smith
DATE PLOTTED: January 1, 0001
E-SHEET NAME: X040000XS
MicroStation v8.11.7.180

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X41

EXC	EMB	S.R.	ROCK FILL	END BENCH
717	0	0	0	0
494	0	0	0	0



SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

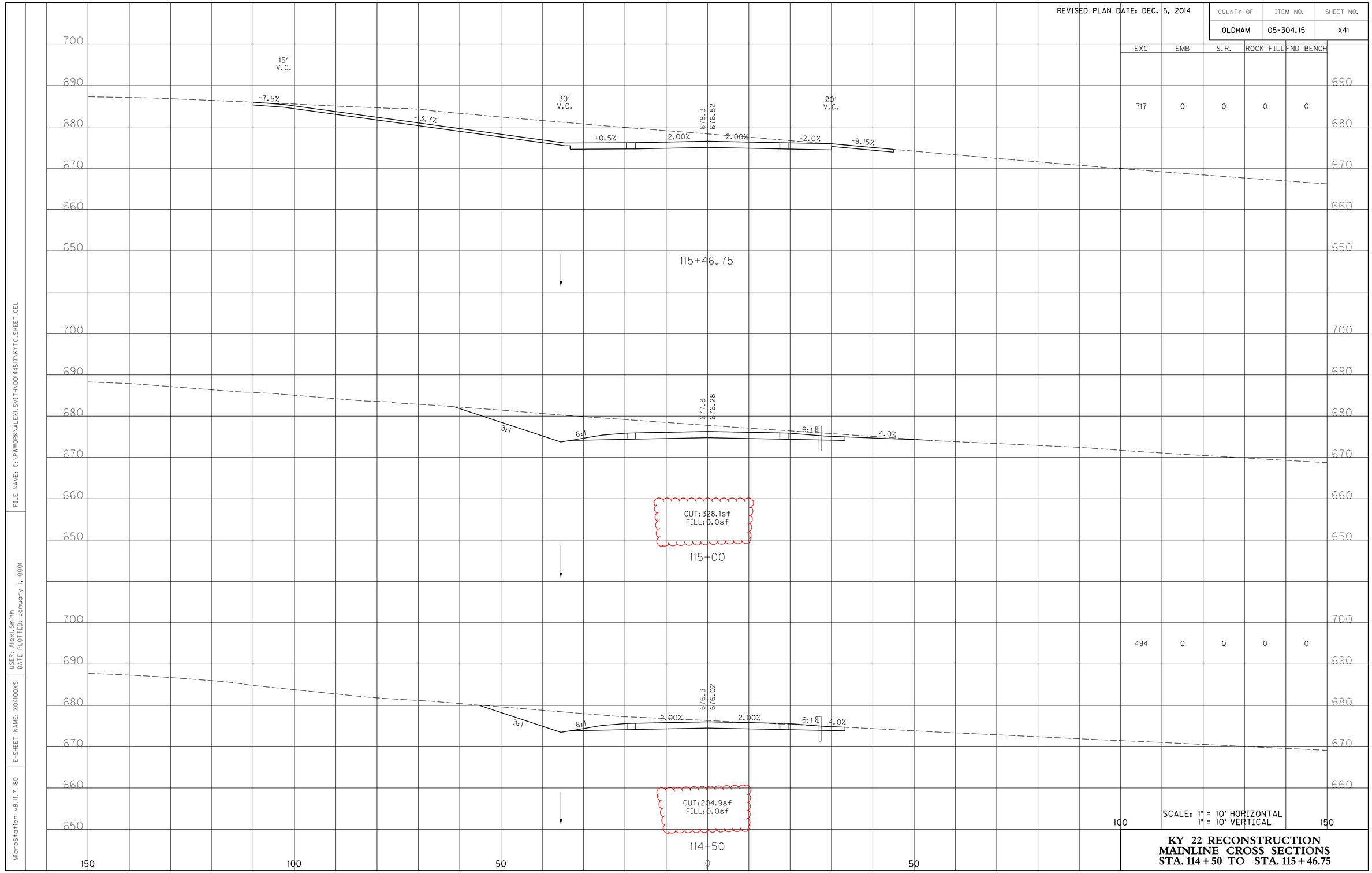
KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 114+50 TO STA. 115+46.75

FILE NAME: C:\PWWORK\ALEXI.SMITH\D0144517\KYTC_SHEET.CEL
USER: Alexi.Smith
DATE PLOTTED: January 1, 0001
E-SHEET NAME: X04100XS
MicroStation v8.11.7.180

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X41

EXC	EMB	S.R.	ROCK FILL	END BENCH
717	0	0	0	0
494	0	0	0	0



SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

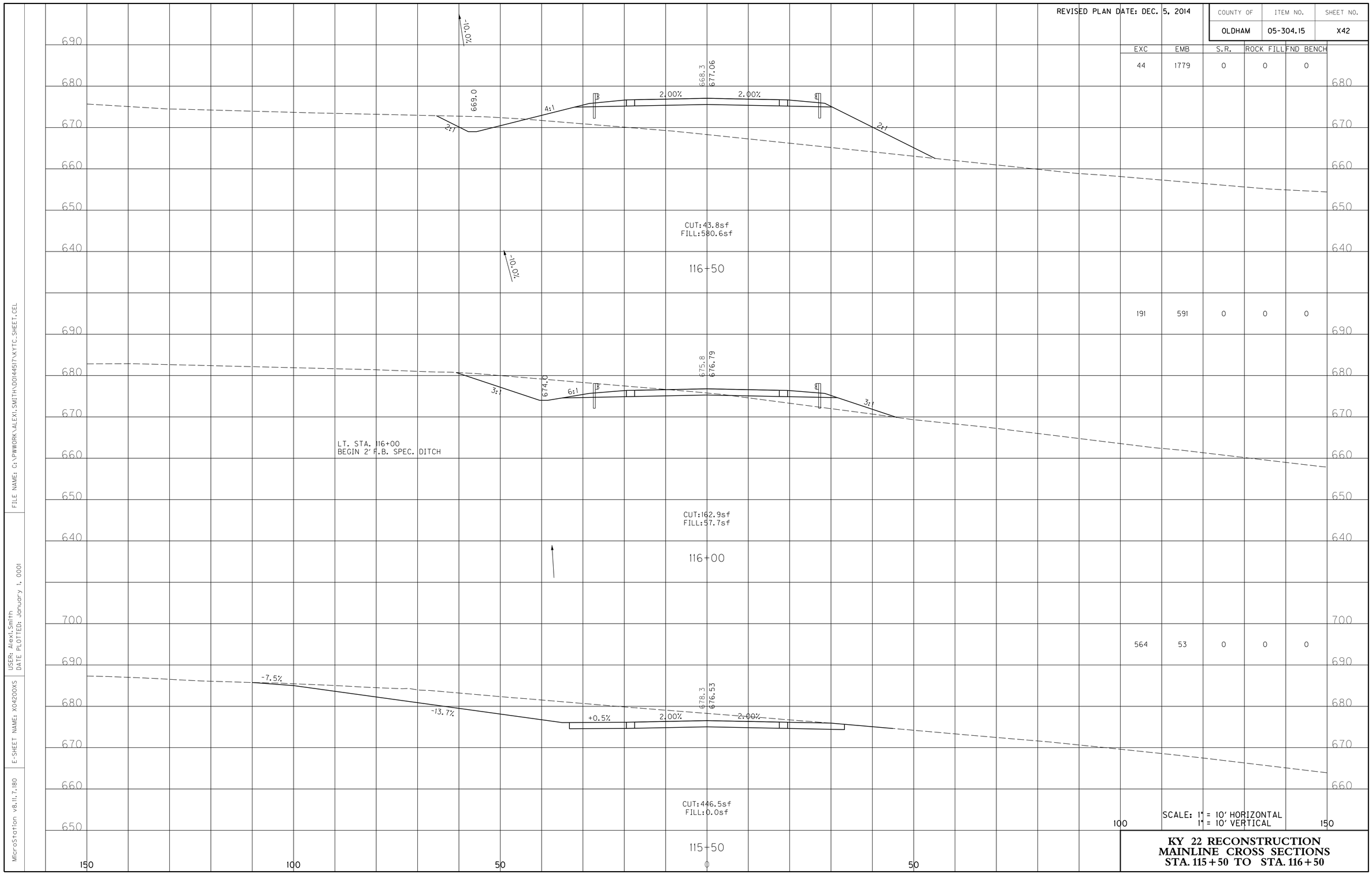
KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 114+50 TO STA. 115+46.75

FILE NAME: C:\PWWORK\ALEXI.SMITH\D0144517\KYTC_SHEET.CEL
USER: Alexi.Smith
DATE PLOTTED: January 1, 0001
E-SHEET NAME: X04100XS
MicroStation v8.11.7.180

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X42

	EXC	EMB	S.R.	ROCK FILL	FND BENCH
116+50	44	1779	0	0	0
116+00	191	591	0	0	0
115+50	564	53	0	0	0



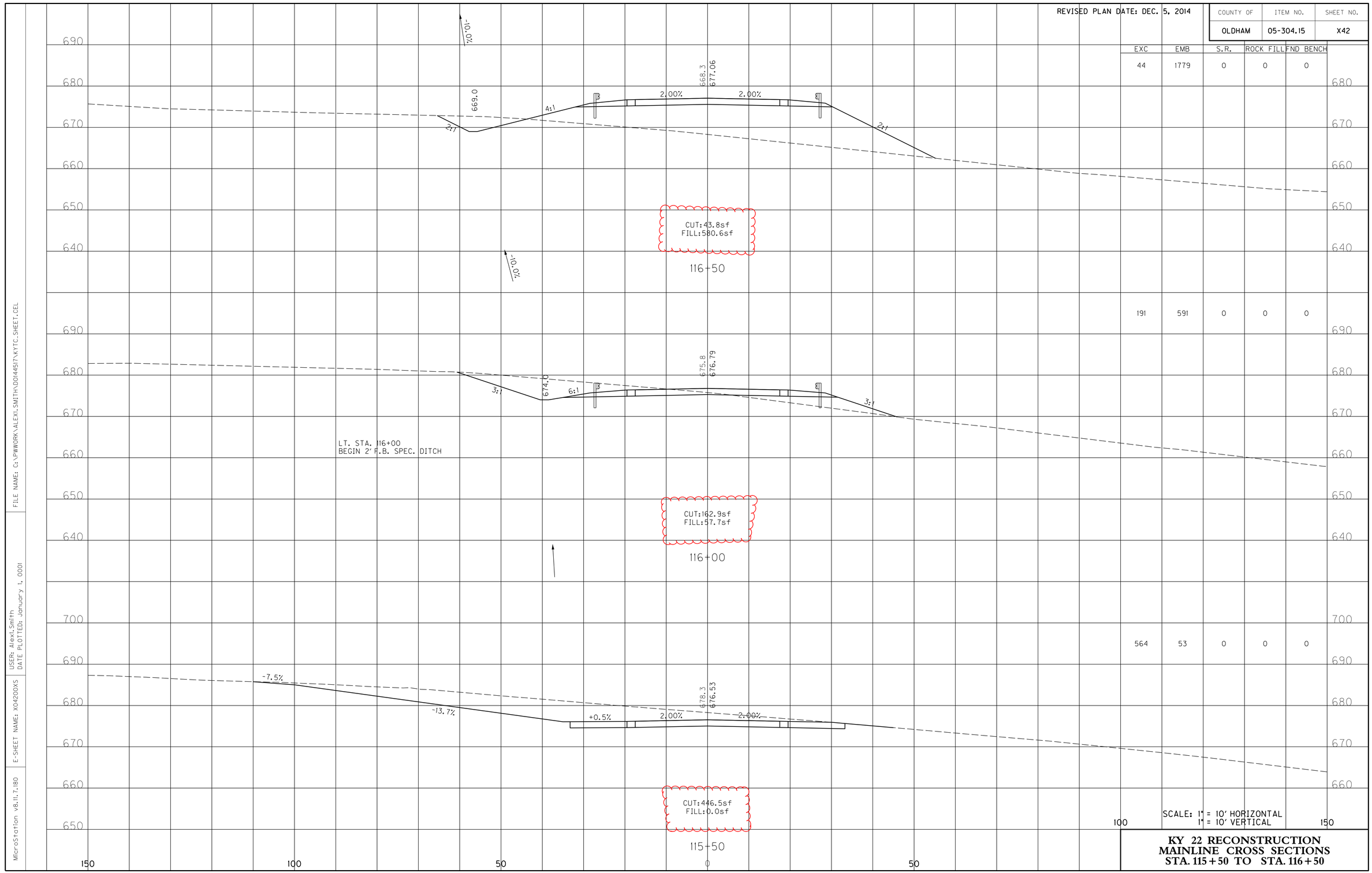
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 115+50 TO STA. 116+50

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X42

	EXC	EMB	S.R.	ROCK FILL	FND BENCH
116+50	44	1779	0	0	0
116+00	191	591	0	0	0
115+50	564	53	0	0	0



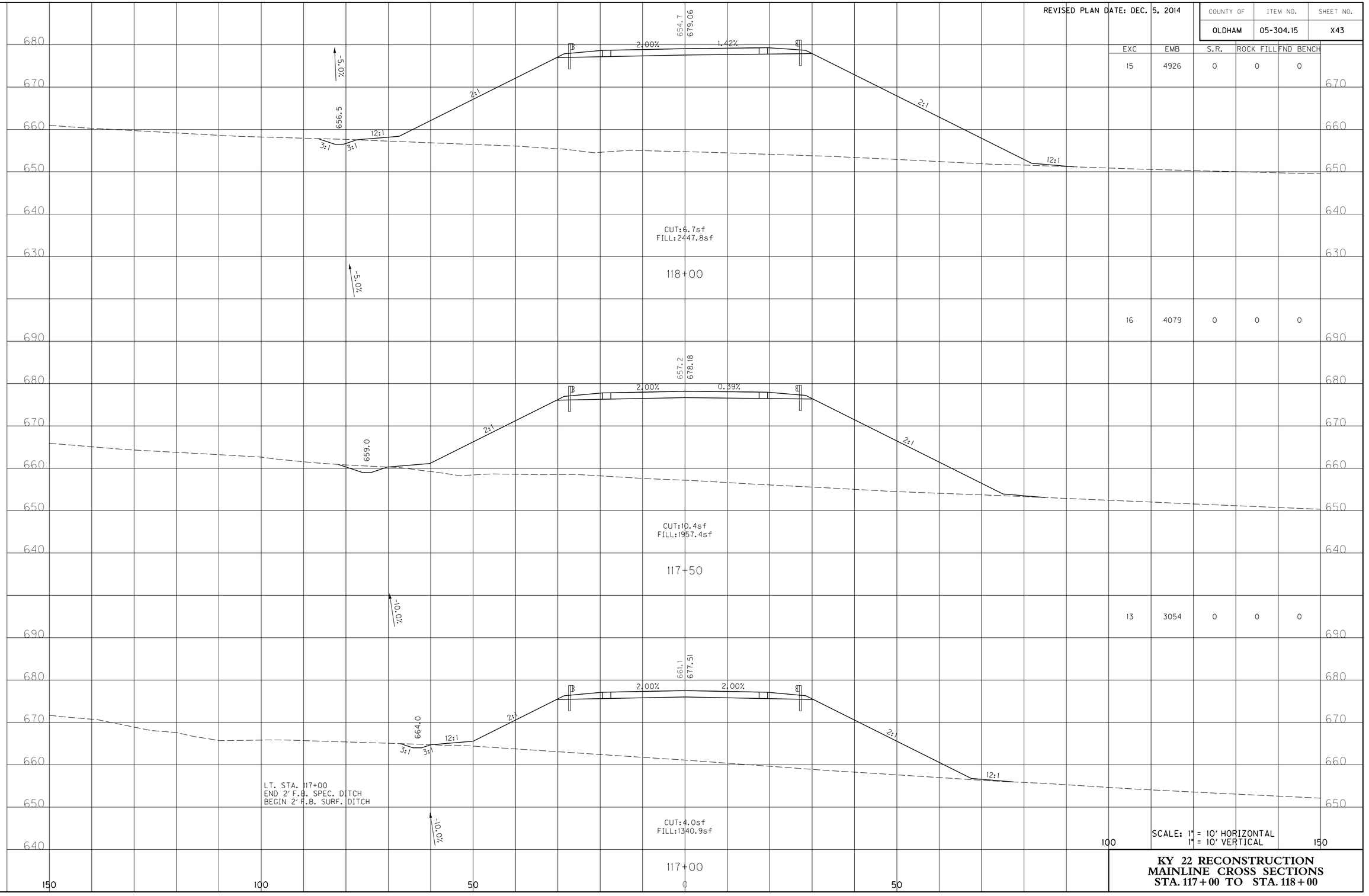
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 115+50 TO STA. 116+50

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X43

	EXC	EMB	S.R.	ROCK FILL	FND BENCH
118+00	15	4926	0	0	0
117+50	16	4079	0	0	0
117+00	13	3054	0	0	0



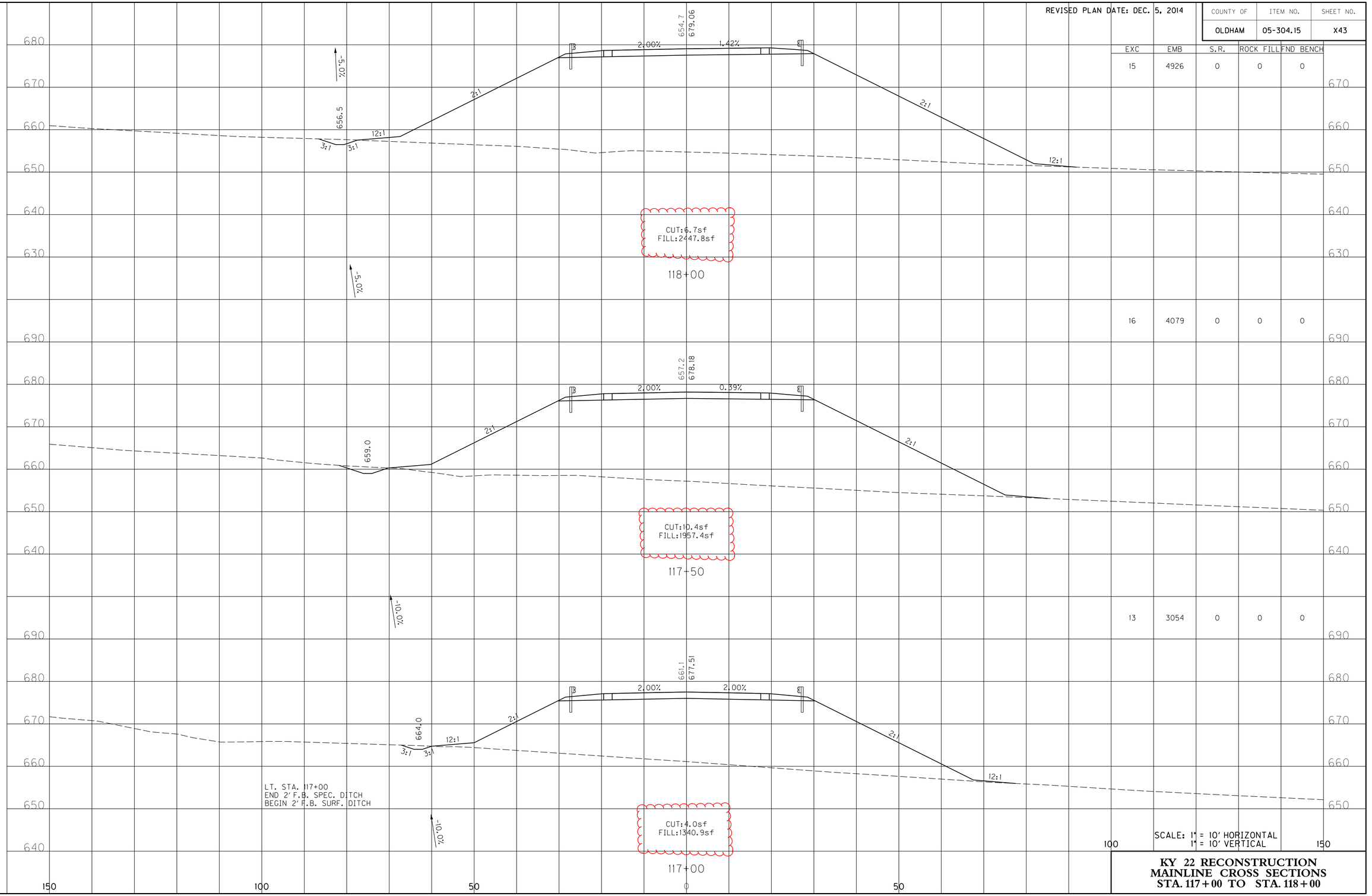
SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 117+00 TO STA. 118+00

REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X43

	EXC	EMB	S.R.	ROCK FILL	FND BENCH
118+00	15	4926	0	0	0
117+50	16	4079	0	0	0
117+00	13	3054	0	0	0



SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 117+00 TO STA. 118+00

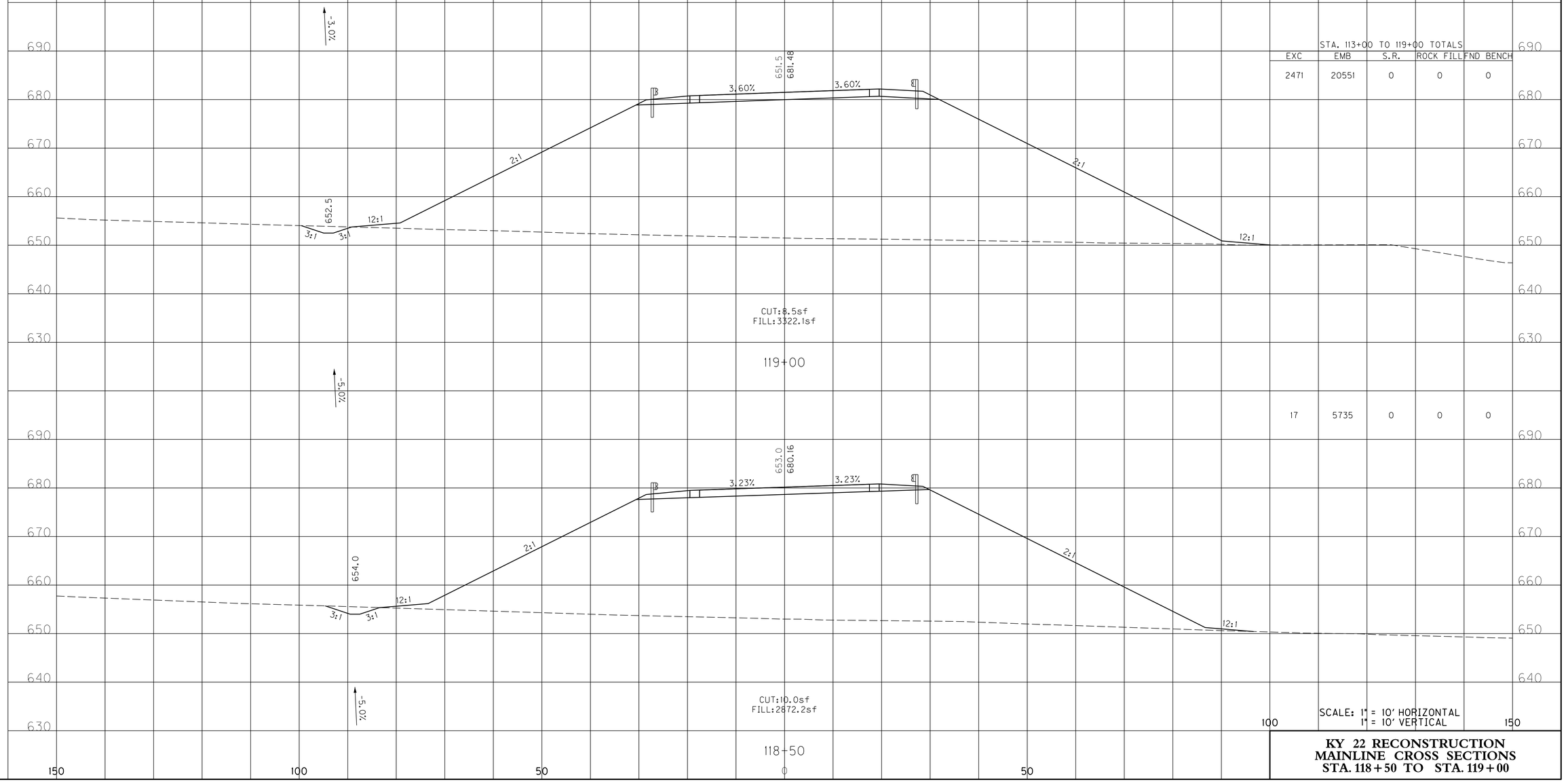
REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X44

	EXC	EMB	S.R.	ROCK FILL	FND BENCH
+40 (+25.0%)	648.0	RT. STA. 119+40 BEGIN 2' F.B. SURF. DITCH			
	53	6630	0	0	0

STA. 113+00 TO 119+00 TOTALS

EXC	EMB	S.R.	ROCK FILL	FND BENCH
2471	20551	0	0	0



17	5735	0	0	0	

SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 118+50 TO STA. 119+00

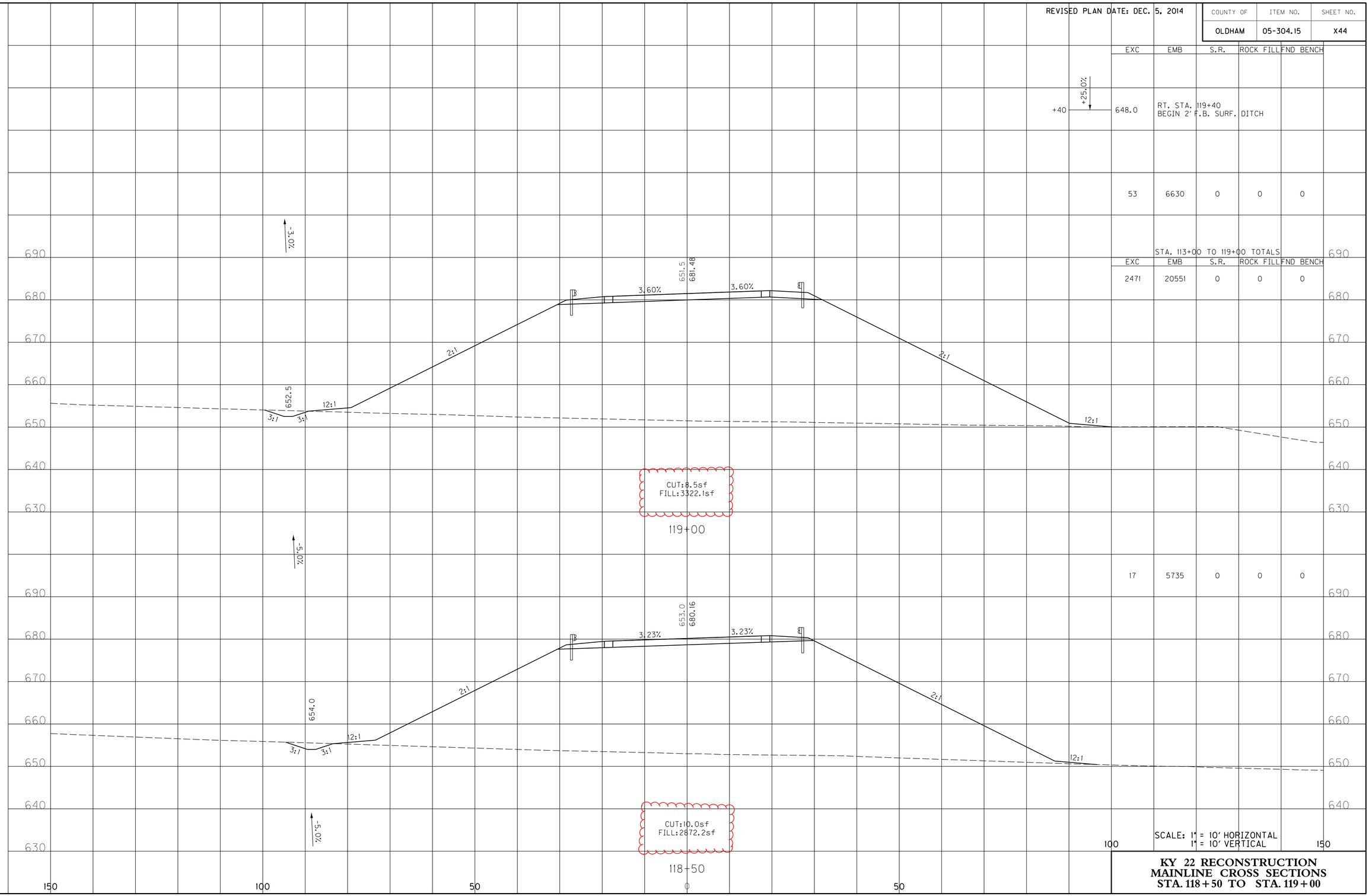
REVISED PLAN DATE: DEC. 5, 2014

COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X44

	EXC	EMB	S.R.	ROCK FILL	FND BENCH
+40 (+25.0%)	648.0	RT. STA. 119+40 BEGIN 2' F.B. SURF. DITCH			
	53	6630	0	0	0

STA. 113+00 TO 119+00 TOTALS

EXC	EMB	S.R.	ROCK FILL	FND BENCH
2471	20551	0	0	0



17	5735	0	0	0

SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 118+50 TO STA. 119+00

REVISED PLAN DATE: DEC. 5, 2014

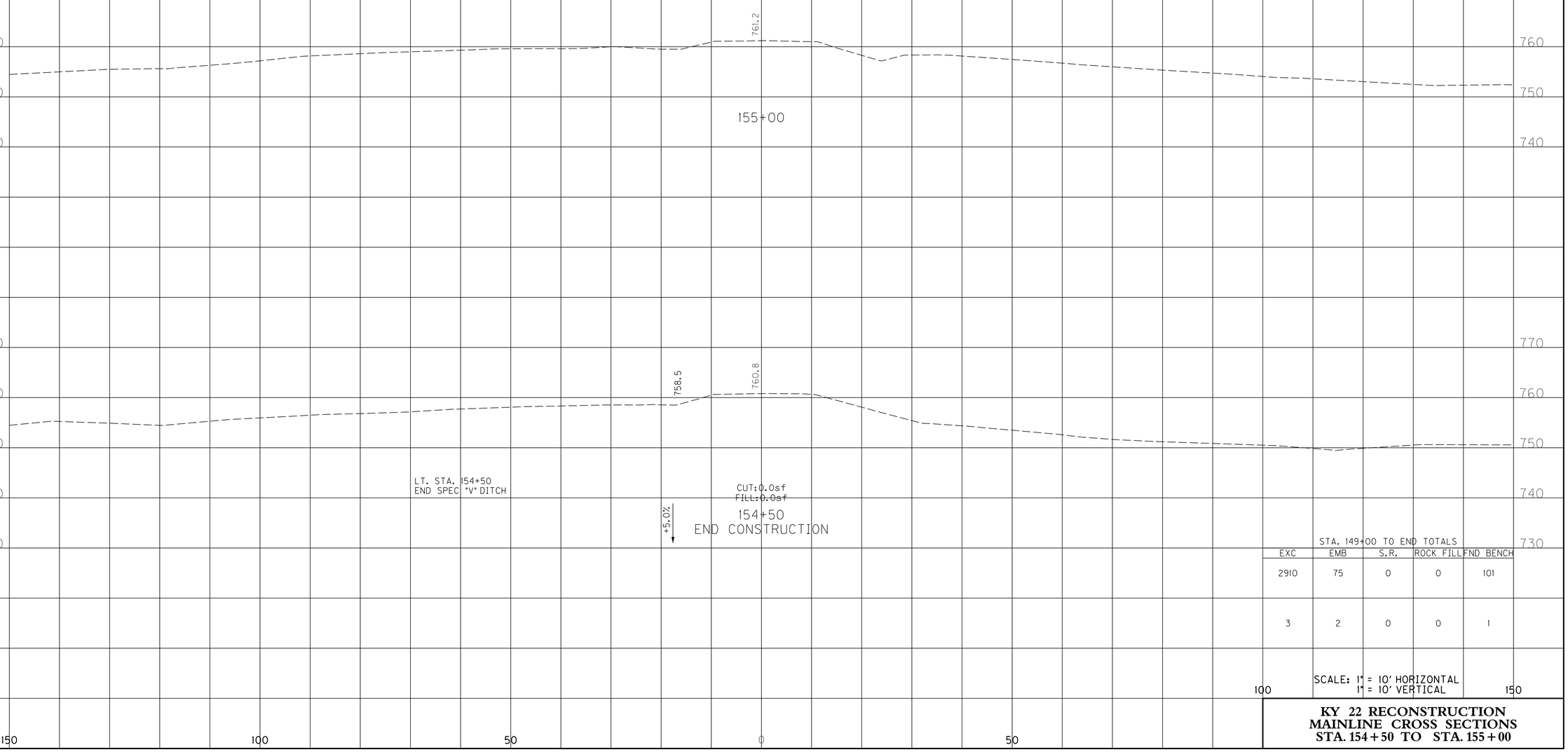
COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X72

PROJECT TOTALS

EXC	EMB	S.R.	ROCK FILL	END BENCH
65195	139575	8839	34351	251

MAINLINE TOTALS

EXC	EMB	S.R.	ROCK FILL	END BENCH
64539	139352	8839	34351	251



STA. 149+00 TO END TOTALS

EXC	EMB	S.R.	ROCK FILL	END BENCH
2910	75	0	0	101
3	2	0	0	1

SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 154+50 TO STA. 155+00

MicroStation v8.11.7.180 | E-SHEET NAME: | USER: Alexi.Smith DATE PLOTTED: January 1, 0001 | FILE NAME: C:\PWWORK\ALEXI.SMITH\D0144517\KYTC_SHEET.CEL

REVISED PLAN DATE: DEC. 5, 2014

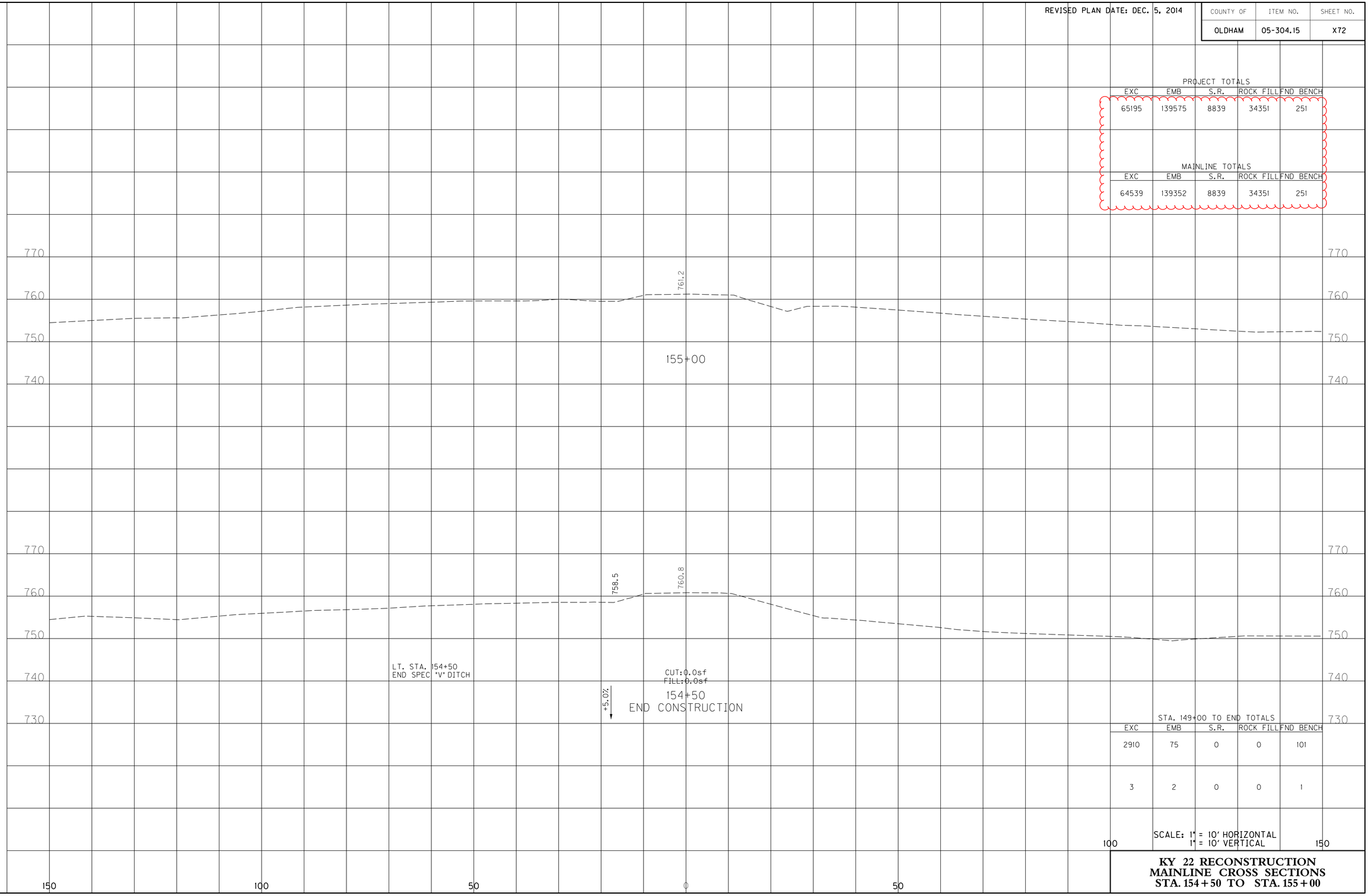
COUNTY OF	ITEM NO.	SHEET NO.
OLDHAM	05-304.15	X72

PROJECT TOTALS

EXC	EMB	S.R.	ROCK FILL	END BENCH
65195	139575	8839	34351	251

MAINLINE TOTALS

EXC	EMB	S.R.	ROCK FILL	END BENCH
64539	139352	8839	34351	251



STA. 149+00 TO END TOTALS

EXC	EMB	S.R.	ROCK FILL	END BENCH
2910	75	0	0	101
3	2	0	0	1

SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

KY 22 RECONSTRUCTION
MAINLINE CROSS SECTIONS
STA. 154+50 TO STA. 155+00

MicroStation v8.11.7.180 | E-SHEET NAME: | USER: Alexi.Smith DATE PLOTTED: January 1, 0001 | FILE NAME: C:\PWWORK\ALEXI.SMITH\D0144517\KYTC_SHEET.CEL

141501

PROPOSAL BID ITEMS

Report Date 12/9/14

Section: 0001 - PAVING - ASPHALT ALTERNATE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	16,842.00	TON		$	
0020	00020		TRAFFIC BOUND BASE	35.00	TON		$	
0030	00190		LEVELING & WEDGING PG64-22	55.00	TON		$	
0040	00212		CL2 ASPH BASE 1.00D PG64-22	22,205.00	TON		$	
0050	00221		CL2 ASPH BASE 0.75D PG64-22	1,356.00	TON		$	
0060	00307		CL2 ASPH SURF 0.38B PG64-22	3,035.00	TON		$	
0070	02101		CEM CONC ENT PAVEMENT-8 IN	424.00	SQYD		$	
0080	10203ND		PAVEMENT ADJUSTMENT (ASPHALT)	1.00	LS	221,702.00	$	$221,702.00

Section: 0002 - PAVING - CONCRETE ALTERNATE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0090	00003		CRUSHED STONE BASE	13,121.00	TON		$	
0100	00005		GEOGRID REINFORCEMENT FOR SUBGRADE	4,000.00	SQYD		$	
0110	00020		TRAFFIC BOUND BASE	35.00	TON		$	
0120	00190		LEVELING & WEDGING PG64-22	5.00	TON		$	
0130	00212		CL2 ASPH BASE 1.00D PG64-22	652.00	TON		$	
0140	00221		CL2 ASPH BASE 0.75D PG64-22	1,356.00	TON		$	
0150	00307		CL2 ASPH SURF 0.38B PG64-22	578.00	TON		$	
0160	02073		JPC PAVEMENT-9 IN	35,740.00	SQYD		$	
0170	02101		CEM CONC ENT PAVEMENT-8 IN	424.00	SQYD		$	
0180	10203ND		PAVEMENT ADJUSTMENT (CONCRETE)	1.00	LS	141,591.00	$	$141,591.00

Section: 0003 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0190	00078		CRUSHED AGGREGATE SIZE NO 2 (REVISED: 12-9-14)	2,683.00	TON		$	
0200	01000		PERFORATED PIPE-4 IN	205.00	LF		$	
0210	01010		NON-PERFORATED PIPE-4 IN	32.00	LF		$	
0220	01020		PERF PIPE HEADWALL TY 1-4 IN	1.00	EACH		$	
0230	01028		PERF PIPE HEADWALL TY 3-4 IN	1.00	EACH		$	
0240	01032		PERF PIPE HEADWALL TY 4-4 IN	2.00	EACH		$	
0250	01810		STANDARD CURB AND GUTTER	198.00	LF		$	
0260	01845		ISLAND INTEGRAL CURB	78.00	LF		$	
0270	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	66.00	EACH		$	
0280	02014		BARRICADE-TYPE III	18.00	EACH		$	
0290	02091		REMOVE PAVEMENT	4,740.00	SQYD		$	
0300	02159		TEMP DITCH	9,024.00	LF		$	
0310	02223		GRANULAR EMBANKMENT (REVISED: 12-9-14)	34,351.00	CUYD		$	
0320	02230		EMBANKMENT IN PLACE (REVISED: 12-9-14)	149,554.00	CUYD		$	

141501

PROPOSAL BID ITEMS

Report Date 12/9/14

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0330	02351		GUARDRAIL-STEEL W BEAM-S FACE	3,600.00	LF		$	
0340	02360		GUARDRAIL TERMINAL SECTION NO 1	4.00	EACH		$	
0350	02367		GUARDRAIL END TREATMENT TYPE 1	4.00	EACH		$	
0360	02378		GUARDRAIL CONNECTOR TO BRIDGE END TY D	4.00	EACH		$	
0370	02381		REMOVE GUARDRAIL	1,470.00	LF		$	
0380	02429		RIGHT-OF-WAY MONUMENT TYPE 1	78.00	EACH		$	
0390	02430		RIGHT-OF-WAY MONUMENT TYPE 1A	1.00	EACH		$	
0400	02432		WITNESS POST	20.00	EACH		$	
0410	02469		CLEAN SINKHOLE	2.00	EACH		$	
0420	02471		FILL AND CAP SINKHOLE	2.00	EACH		$	
0430	02483		CHANNEL LINING CLASS II	335.00	TON		$	
0440	02484		CHANNEL LINING CLASS III	1,573.00	TON		$	
0450	02545		CLEARING AND GRUBBING (APPROXIMATELY 24.53 ACRES)	1.00	LS		$	
0460	02562		TEMPORARY SIGNS	272.00	SQFT		$	
0470	02585		EDGE KEY	124.00	LF		$	
0480	02596		FABRIC-GEOTEXTILE TYPE I	2,135.00	SQYD		$	
0490	02598		FABRIC-GEOTEXTILE TYPE III	875.00	SQYD		$	
0500	02599		FABRIC-GEOTEXTILE TYPE IV	150,083.00	SQYD		$	
0510	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		$	
0520	02651		DIVERSIONS (BY-PASS DETOURS) MAINLINE LT. STA. 70+16 TO 82+76	1.00	LS		$	
0530	02651		DIVERSIONS (BY-PASS DETOURS) MAINLINE LT. STA. 87+50 TO 93+85	1.00	LS		$	
0540	02651		DIVERSIONS (BY-PASS DETOURS) MAINLINE LT. STA. 122+50 TO 126+55	1.00	LS		$	
0550	02651		DIVERSIONS (BY-PASS DETOURS) ABBOTT LANE RT. STA. 50+00 TO 56+55	1.00	LS		$	
0560	02671		PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH		$	
0570	02690		SAFELOADING	7.00	CUYD		$	
0580	02696		SHOULDER RUMBLE STRIPS-SAWED	17,700.00	LF		$	
0590	02701		TEMP SILT FENCE	9,024.00	LF		$	
0600	02703		SILT TRAP TYPE A	29.00	EACH		$	
0610	02704		SILT TRAP TYPE B	29.00	EACH		$	
0620	02705		SILT TRAP TYPE C	29.00	EACH		$	
0630	02706		CLEAN SILT TRAP TYPE A	115.00	EACH		$	
0640	02707		CLEAN SILT TRAP TYPE B	115.00	EACH		$	
0650	02708		CLEAN SILT TRAP TYPE C	115.00	EACH		$	
0660	02709		CLEAN TEMP SILT FENCE	36,096.00	LF		$	
0670	02726		STAKING	1.00	LS		$	
0680	02731		REMOVE STRUCTURE	1.00	LS		$	
0690	05950		EROSION CONTROL BLANKET	2,807.00	SQYD		$	
0700	05952		TEMP MULCH	139,247.00	SQYD		$	
0710	05953		TEMP SEEDING AND PROTECTION	13,925.00	SQYD		$	
0720	05963		INITIAL FERTILIZER	5.00	TON		$	
0730	05964		20-10-10 FERTILIZER	1.00	TON		$	
0740	05985		SEEDING AND PROTECTION	139,247.00	SQYD		$	
0750	05989		SPECIAL SEEDING CROWN VETCH	28,100.00	SQYD		$	
0760	05990		SODDING	1,000.00	SQYD		$	
0770	05992		AGRICULTURAL LIMESTONE	87.00	TON		$	
0780	06510		PAVE STRIPING-TEMP PAINT-4 IN	19,630.00	LF		$	

141501

PROPOSAL BID ITEMS

Report Date 12/9/14

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0790	06514		PAVE STRIPING-PERM PAINT-4 IN	37,288.00	LF		$	
0800	06567		PAVE MARKING-THERMO STOP BAR-12IN	22.00	LF		$	
0810	06568		PAVE MARKING-THERMO STOP BAR-24IN	24.00	LF		$	
0820	06570		PAVE MARKING-PAINT CROSS-HATCH	685.00	SQFT		$	
0830	06574		PAVE MARKING-THERMO CURV ARROW	14.00	EACH		$	
0840	06589		PAVEMENT MARKER TYPE V-MW	27.00	EACH		$	
0850	06591		PAVEMENT MARKER TYPE V-BY	345.00	EACH		$	
0860	08100		CONCRETE-CLASS A	19.00	CUYD		$	
0870	08150		STEEL REINFORCEMENT	396.00	LB		$	
0880	20209EP69		GRANULAR PILE CORE	1,002.00	CUYD		$	
0890	23131ER701		PIPELINE VIDEO INSPECTION	771.00	LF		$	
0900	23274EN11F		TURF REINFORCEMENT MAT 1	8,386.00	SQYD		$	

Section: 0004 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0910	00440		ENTRANCE PIPE-15 IN	374.00	LF		$	
0920	00441		ENTRANCE PIPE-18 IN	196.00	LF		$	
0930	00451		ENTRANCE PIPE-18 IN EQUIV	48.00	LF		$	
0940	00462		CULVERT PIPE-18 IN	75.00	LF		$	
0950	00521		STORM SEWER PIPE-15 IN	146.00	LF		$	
0960	00522		STORM SEWER PIPE-18 IN	445.00	LF		$	
0970	00524		STORM SEWER PIPE-24 IN	105.00	LF		$	
0980	01204		PIPE CULVERT HEADWALL-18 IN	1.00	EACH		$	
0990	01370		METAL END SECTION TY 1-15 IN	18.00	EACH		$	
1000	01371		METAL END SECTION TY 1-18 IN	9.00	EACH		$	
1010	01390		METAL END SECTION TY 3-15 IN	2.00	EACH		$	
1020	01391		METAL END SECTION TY 3-18 IN	8.00	EACH		$	
1030	01393		METAL END SECTION TY 3-24 IN	2.00	EACH		$	
1040	01456		CURB BOX INLET TYPE A	2.00	EACH		$	
1050	01490		DROP BOX INLET TYPE 1	4.00	EACH		$	
1060	01496		DROP BOX INLET TYPE 3	1.00	EACH		$	
1070	01505		DROP BOX INLET TYPE 5B	2.00	EACH		$	
1080	01644		JUNCTION BOX-30 IN	2.00	EACH		$	
1090	01691		FLUME INLET TYPE 2	1.00	EACH		$	
1100	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	1,967.90	SQYD	$2.00	$	$3,935.80
1110	02625		REMOVE HEADWALL	3.00	EACH		$	
1120	24697EC		METAL END SECTION TY 1-18 IN EQUIV	4.00	EACH		$	

Section: 0005 - BRIDGE - CURRY'S FORK - DWG, 24912

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1130	02231		STRUCTURE GRANULAR BACKFILL	345.00	CUYD		$	
1140	02998		MASONRY COATING	1,141.00	SQYD		$	
1150	03299		ARMORED EDGE FOR CONCRETE	102.70	LF		$	
1160	08001		STRUCTURE EXCAVATION-COMMON	364.00	CUYD		$	
1170	08002		STRUCTURE EXCAV-SOLID ROCK	522.00	CUYD		$	
1180	08019		CYCLOPEAN STONE RIP RAP	1,102.00	TON		$	

PROPOSAL BID ITEMS

Report Date 12/9/14

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1190	08033		TEST PILES	53.00	LF		$	
1200	08046		PILES-STEEL HP12X53	696.00	LF		$	
1210	08094		PILE POINTS-12 IN	15.00	EACH		$	
1220	08100		CONCRETE-CLASS A	612.60	CUYD		$	
1230	08104		CONCRETE-CLASS AA	803.90	CUYD		$	
1240	08150		STEEL REINFORCEMENT	106,324.00	LB		$	
1250	08151		STEEL REINFORCEMENT-EPOXY COATED	189,326.00	LB		$	
1260	24463ED		PPC I-BEAM HN 54 49	2,476.50	LF		$	
1270	24684EN		RAIL SYSTEM TYPE 4	714.40	LF		$	

Section: 0006 - BRIDGE - CULVERT OVER UNNAMED CREEK - DWG. 26743

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1280	08002		STRUCTURE EXCAV-SOLID ROCK	256.00	CUYD		$	
1290	08003		FOUNDATION PREPARATION	1.00	LS		$	
1300	08100		CONCRETE-CLASS A	429.80	CUYD		$	
1310	08150		STEEL REINFORCEMENT	63,871.00	LB		$	

Section: 0007 - WATERLINE - LOUISVILLE WATER COMPANY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1320	01081		STEEL ENCASEMENT PIPE-24 IN	60.00	LF		$	
1330	01083		STEEL ENCASEMENT PIPE-BORE&JACK-12 IN (BENEATH KY 22 W/ CASING SPACERS)	75.00	LF		$	
1340	01093		DUCTILE IRON PIPE-6 IN	965.00	LF		$	
1350	01099		DUCTILE IRON PIPE-12 IN	625.00	LF		$	
1360	02555		CONCRETE-CLASS B (CONCRETE THRUST BLOCK)	10.00	CUYD		$	
1370	02606		FIRE HYDRANT (6 INCH)	1.00	EACH		$	
1380	03360		COPPER PIPE-3/4 IN	400.00	LF		$	
1390	03361		COPPER PIPE-1 IN	120.00	LF		$	
1400	03382		PVC PIPE-3 IN (WATER MAIN)	1,145.00	LF		$	
1410	03383		PVC PIPE-4 IN (WATER MAIN)	20.00	LF		$	
1420	03385		PVC PIPE-6 IN (WATER MAIN)	435.00	LF		$	
1430	03387		PVC PIPE-8 IN (WATER MAIN)	1,035.00	LF		$	
1440	03389		PVC PIPE-10 IN (WATER MAIN)	55.00	LF		$	
1450	03391		PVC PIPE-12 IN (WATER MAIN)	790.00	LF		$	
1460	03431		RELOCATE WATER METER	12.00	EACH		$	
1470	03434		REMOVE FIRE HYDRANT	2.00	EACH		$	
1480	03439		FLUSH HYDRANT (3 INCH POST)	1.00	EACH		$	

PROPOSAL BID ITEMS

Report Date 12/9/14

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1490	03464		TIE-IN 4 IN (DRY CONNECT)	1.00	EACH		$	
1500	03466		TIE-IN 6 IN (DRY CONNECT)	1.00	EACH		$	
1510	03468		TIE-IN 8 IN (DRY CONNECT)	3.00	EACH		$	
1520	03470		TIE-IN 10 IN (DRY CONNECT)	1.00	EACH		$	
1530	03472		TIE-IN 12 IN	2.00	EACH		$	
1540	03523		GATE VALVE-3 IN (VALVE & BOX)	1.00	EACH		$	
1550	03524		GATE VALVE-4 IN (VALVE & BOX)	1.00	EACH		$	
1560	03526		GATE VALVE-6 IN (RESILIENT SEAL)	1.00	EACH		$	
1570	03526		GATE VALVE-6 IN (VALVE & BOX)	4.00	EACH		$	
1580	03528		GATE VALVE-8 IN (VALVE & BOX)	6.00	EACH		$	
1590	03530		GATE VALVE-10 IN (VALVE & BOX)	1.00	EACH		$	
1600	03532		GATE VALVE-12 IN (RESILIENT SEAL)	3.00	EACH		$	
1610	03532		GATE VALVE-12 IN (VALVE & BOX)	2.00	EACH		$	
1620	03554		BEND 45 DEG 6 IN	4.00	EACH		$	
1630	03556		BEND 45 DEG 12 IN	8.00	EACH		$	
1640	20137EN		POLYWRAP	1,800.00	LF		$	
1650	20138EC		POLYTAPE	20.00	EACH		$	
1660	20150EC		TRANSFER SERVICE (1 INCH)	2.00	EACH		$	
1670	20329EC		INSTALL FIRE HYDRANT	3.00	EACH		$	
1680	20708ND		CUT AND PLUG 12 IN	1.00	EACH		$	
1690	20769ND		WET TAP 6 IN (CONNECT)	1.00	EACH		$	
1700	20821ND		TEE 12 IN X 12 IN	1.00	EACH		$	
1710	20834ED		KEYTUBE 7 IN	7.00	EACH		$	
1720	20835ND		ROUNDTOP AND LID #2	7.00	EACH		$	
1730	20888ED		DUCTILE IRON FITTINGS (MJ)	1.50	TON		$	
1740	20890ND		CUT AND CAP 10 IN	1.00	EACH		$	
1750	20961ND		PLUG-6 IN	1.00	EACH		$	
1760	21110ND		RENEW SERVICE (3/4 INCH)	9.00	EACH		$	
1770	21114ND		CUT AND PLUG 6 IN	1.00	EACH		$	
1780	21211ND		CUT & CAP-4 IN	1.00	EACH		$	
1790	21455ND		ABANDON VALVE	2.00	EACH		$	
1800	21701EN		POLYETHYLENE PIPE-1 IN (SERVICE LINE)	1,355.00	LF		$	
1810	21860EN		OPEN CUT AND CASE FOR 8 IN WATERLINE (STEEL ENCASEMENT BENEATH CONCRETE DRIVE W/ CASING SPACERS) RT STA 128+57	70.00	LF		$	
1820	22012NN		CUT AND CAP WATERLINE (8 INCH)	2.00	EACH		$	

141501

PROPOSAL BID ITEMS

Report Date 12/9/14

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1830	22012NN		CUT AND CAP WATERLINE (6 INCH)	3.00	EACH		$	
1840	22610NN		LINE STOPPER-6 IN	1.00	EACH		$	
1850	22668EN		DIRECTIONAL BORE (2 IN PE CASING PIPE)	1,290.00	LF		$	
1860	23094ND		REDUCER-12 IN X 6 IN	1.00	EACH		$	
1870	23918EC		DUCTILE IRON PIPE-RESTRAINED-12 IN (JOINT)	90.00	LF		$	
1880	24238EN		BORE AND JACK PIPE-14 IN (STEEL ENCASEMENT BENEATH ABBOTT LANE (KY 2858) W/ CASING SPACERS)	75.00	LF		$	
1890	24238EN		BORE AND JACK PIPE-14 IN (STEEL ENCASEMENT BENEATH HERITAGE HILLS DRIVE W/ CASING SPACERS)	60.00	LF		$	
1900	24240ED		OPEN CUT W/ STEEL ENCASEMENT-18 IN (BENEATH EXISITING ASPHALT DRIVE W/ CASING SPACERS)	45.00	LF		$	
1910	24243EC		OPEN CUT W/ STEEL ENCASEMENT-14 IN (IN TEXAS GAS EASEMENT W/ CASING SPACERS)	200.00	LF		$	
1920	24480EC		HYDROSTATIC TEST WATER MAIN (PER LWC SPECIFICATIONS)	1.00	EACH		$	
1930	24699EC		INSERTION VALVE (10 INCH)	1.00	EACH		$	
1940	24699EC		INSERTION VALVE (8 INCH)	1.00	EACH		$	
1950	24699EC		INSERTION VALVE (6 INCH)	1.00	EACH		$	
1960	24699EC		INSERTION VALVE (4 INCH)	1.00	EACH		$	
1970	30065		YARD HYDRANT (3/4 INCH)	1.00	EACH		$	

Section: 0008 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1980	02568		MOBILIZATION	1.00	LS		$	
1990	02569		DEMOBILIZATION	1.00	LS		$	