



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT McCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

May 20, 2015

SUBJECT: ADDENDUM ONE FOR DE00093, W-5205V, ROADWAY IMPROVEMENTS
AT THE INTERSECTION OF SR 1106 (BARBEE RD) AND SR 1105/SR 1104
(HERNDON RD) IN DURHAM COUNTY, WBS ELEMENT: 45335.3.FD23

MEMORANDUM TO PROSPECTIVE BIDDERS

This addendum is being issued to clarify a few items on the subject project. The following plan sheets on project W-5205V have been revised and new plan sheets are attached:

Sheet 5, Profile Sheet
Sheet TMP-3, Phasing
Sheets X-2 and X-3, Cross Sections.

Changes on these sheets have been made to address constructability concerns and to clarify the intention of the wedging. The Contractor's attention is also drawn to the Phase V note on the TMP-3 plan sheet, regarding the placement of final layer of surface course. It is the intent of the Department to build the project with a final lift of asphalt overlay. This asphalt is shown in the wedging detail, in lieu of being called out on the typical sections as shown on some past projects.


Your attention is drawn to Project Special Provisions, Utility Construction, 4.0 Sealed As-Built Plans, on pages 80 and 81 of the proposal. While NCDOT is providing construction surveying for this project, the sealed as-built plans for the water line construction per this provision is the responsibility of the Contractor and shall be incidental to the project. NCDOT will provide an established control point to assist the Contractor with this work.

Please attach this addendum to the original proposal and acknowledge receipt of this addendum in the proposal.

If you wish to use Expedite Entry in helping you prepare your bids, please note that no new EBS file is required for this addendum.

If you have any questions, feel free to call me at (919) 220-4600.

Sincerely,

DocuSigned by:

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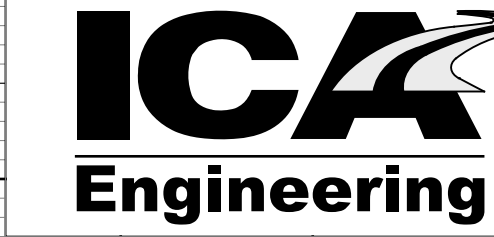
Michael J. Kneis, PE
Division Project Manager

cc: D. Jernigan, PE
A. Shapiro, PE
B. Upshaw, PE
A. Pilkington, Durham CME
B. Sloan, Civil Rights Office

5/28/09

TBM #2
RR SPIKE IN 18" PINE
-L- STA 11+62.67
(36.06' RT)
ELEV = 349.59

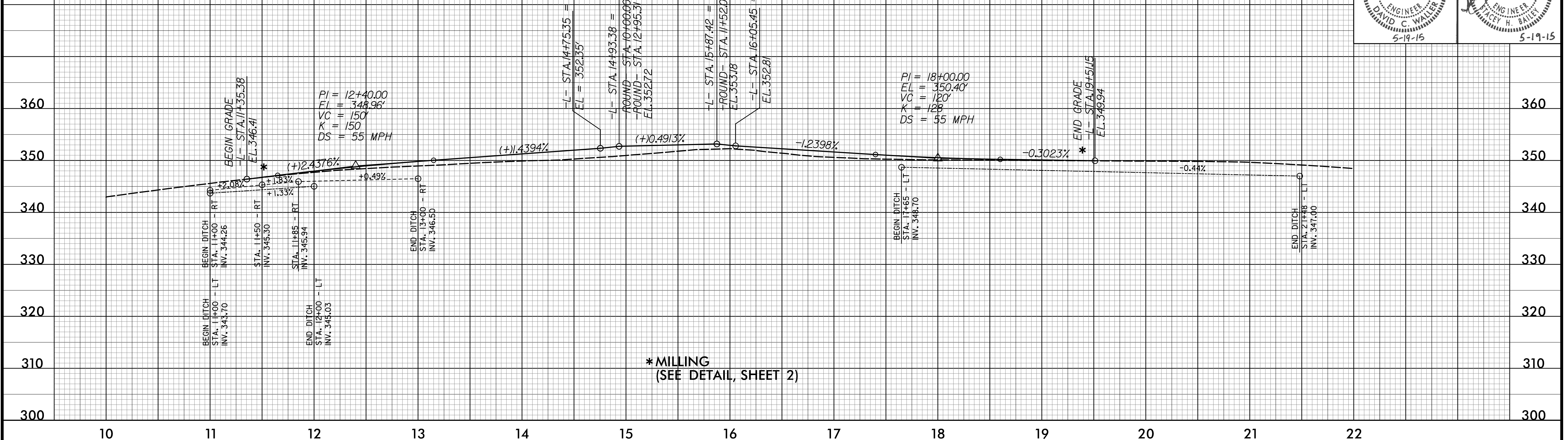
TBM #3
RR SPIKE IN 16" PINE
-L- STA 16+21.76
(97.53' LT)
ELEV = 354.39



5121 Kingdom Way,
Suite 100
Raleigh, NC 27607
NC License No: F-0258

PROJECT REFERENCE NO. W-5205V	SHEET NO. 5
ROADWAY DESIGN ENGINEER DAVID C. WALLER 22606 5-19-15	HYDRAULICS ENGINEER TRACEY H. BAILEY 24451 5-19-15

-L-
(FOR -Y- PLAN SEE SHEET 4)

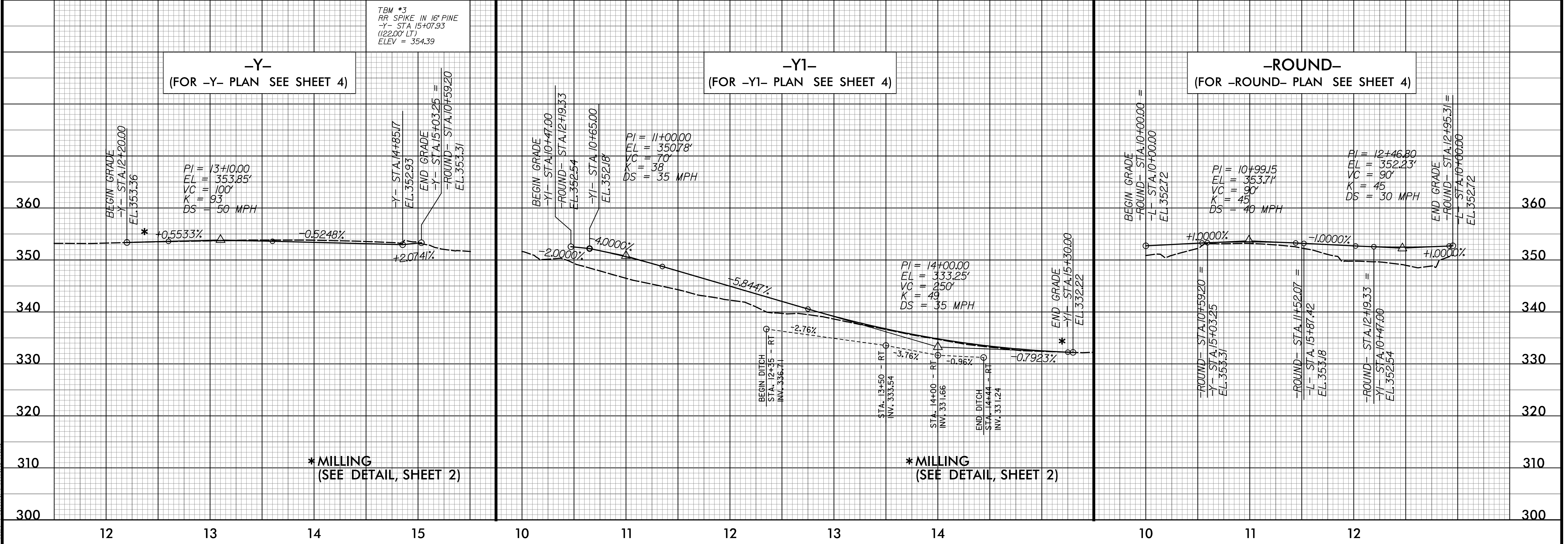


*MILLING
(SEE DETAIL, SHEET 2)

-Y-
(FOR -Y- PLAN SEE SHEET 4)

-Y1-
(FOR -Y1- PLAN SEE SHEET 4)

-ROUND-
(FOR -ROUND- PLAN SEE SHEET 4)



*MILLING
(SEE DETAIL, SHEET 2)

*MILLING
(SEE DETAIL, SHEET 2)

5/20/2015
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ICA ENGINEERING, INC.

PHASING

PHASE I

NOTES: - IN PHASING BELOW "RSD" REFERS TO NCDOT ROADWAY STANDARD DRAWING.
 - IN PHASES I THROUGH IV, PAVING TO BE DONE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.

STEP 1

INSTALL ADVANCE WARNING SIGNS ON HERNDON RD. AND MASSEY CHAPEL RD./BARBEE RD. (SEE ROADWAY STANDARD DRAWING NUMBER 1101.01).

STEP 2

USING RSD 1101.02 (SHEETS 1 OF 15), BEGIN UTILITY CONSTRUCTION.

USING RSD 1101.02 (SHEET 1 OF 15), COMPLETE THE FOLLOWING (SEE SHEET TMP-4):

- REMOVE EXISTING DOUBLE YELLOW CENTERLINE AND PLACE TEMPORARY DOUBLE YELLOW CENTERLINE -Y- FROM STA 12+20± TO EXISTING STOP BAR.
- PLACE TEMPORARY WHITE EDGELINE FROM -Y- STA 12+00± TO BARBEE RD. AND TIE TO EXISTING.
- SHIFT -Y- TRAFFIC TO NARROWED PATTERN (12' LANES).

USING RSD 1101.02 (SHEET 1 OF 15), BEGIN CONSTRUCTION AT THE FOLLOWING (SEE SHEET TMP-4):

- L- STA 11+35± TO STA 19+50± (WEDGING EXISTING WITH TIE-INS TO EXISTING HERNDON RD.)
- L- STA 11+35± (LEFT) TO EXISTING HERNDON RD. (WIDENING)
- L- STA 11+35± TO STA 15+40± (RIGHT) (WIDENING)
- L- STA 16+00± (LEFT) TO STA 19+50± (WIDENING) (INCLUDING DRAINAGE STRUCTURE 0404)
- L- STA 16+50± TO STA 19+50± (RIGHT) (WIDENING)
- Y- STA 12+20± TO STA 13+62± (LEFT) (INCLUDING DRAINAGE STRUCTURE 0401)
- Y- STA 14+30± (RIGHT) TO EXISTING -L- (INCLUDING DRAINAGE STRUCTURE 0402)
- Y1- FROM EXISTING -L- TO -Y1- STA 12+05± (RIGHT)

PHASE II

COMPLETE THE WORK REQUIRED OF PHASE II, STEPS 1 & 2 IN 30 CALENDAR DAYS (SEE SPECIAL PROVISIONS AND LIQUIDATED DAMAGES)

STEP 1

USING RSD 1101.03 (SHEET 1 OF 9) CLOSE -Y- (HERNDON RD.) AND SIDEWALK FROM SCOTNEY CIRCLE TO BARBEE RD. (SEE SHEET TMP-8 FOR DETOUR SIGNING AND ROUTE)

AWAY FROM TRAFFIC, CONSTRUCT -Y- FROM STA 12+20± TO BARBEE RD. AND PROVIDE TEMPORARY TIE TO EXISTING BARBEE RD. (SEE SHEET TMP-5)

COMPLETE CONSTRUCTION LEFT OF -L- BEGUN IN PHASE I:

- L- STA 11+35± (LEFT) TO EXISTING HERNDON RD.
- L- STA 16+00± (LEFT) TO STA 19+50±
- Y- STA 12+20± TO STA 13+62± (LEFT)
- Y- STA 14+30± (RIGHT) TO EXISTING -L-

STEP 2

PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS ON -Y- AND OPEN TO TRAFFIC (SEE TMP-6 FOR LAYOUT).

PHASE III

COMPLETE THE WORK REQUIRED OF PHASE III, STEPS 1 & 2 IN 30 CALENDAR DAYS (SEE SPECIAL PROVISIONS AND LIQUIDATED DAMAGES)

STEP 1

USING RSD 1101.03 (SHEET 1 OF 9) CLOSE -Y1- (HERNDON RD.) FROM EXISTING BARBEE RD. TO -Y1- STA 14+50± (SEE SHEET TMP-9 FOR DETOUR SIGNING AND ROUTE).

AWAY FROM TRAFFIC, CONSTRUCT -Y1- FROM EXISTING BARBEE RD. TO -Y1- STA 14+50± (SEE SHEET TMP-6).

COMPLETE CONSTRUCTION RIGHT OF -L- BEGUN IN PHASE I:

- L- STA 11+35± TO STA 15+40± (RIGHT)
- L- STA 16+50± TO STA 19+50± (RIGHT)
- Y1- FROM EXISTING -L- TO -Y1- STA 12+05± (RIGHT)

STEP 2

PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS ON -Y1- AND OPEN TO TRAFFIC IN ROUNDABOUT PATTERN. USING RSD 1101.02 (SHEET 1 OF 15), RESTRIPE -L- AND -Y- FOR ROUNDABOUT PATTERN AND SHIFT TRAFFIC (SEE TMP-7, FINAL PAVEMENT MARKING PLAN AND SIGNING PLAN FOR LAYOUT).

PHASE IV


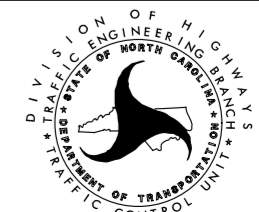
USING RSD 1101.02 (SHEET 1 OF 15) AND FLAGGING, CONSTRUCT ROUNDABOUT CIRCLE ISLAND AND APRON (SEE SHEET TMP-7).

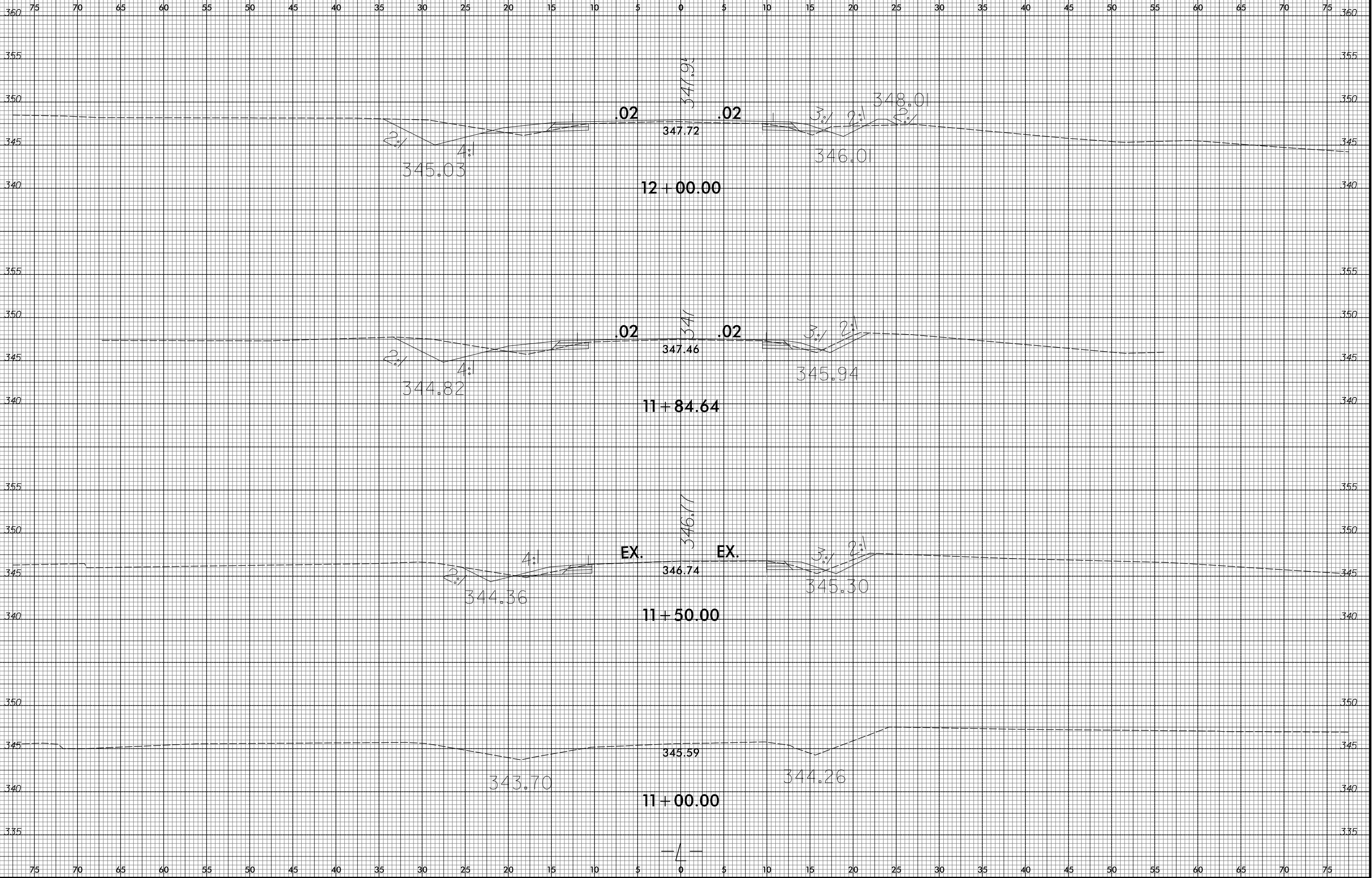
COMPLETE UTILITY CONSTRUCTION.

PHASE V

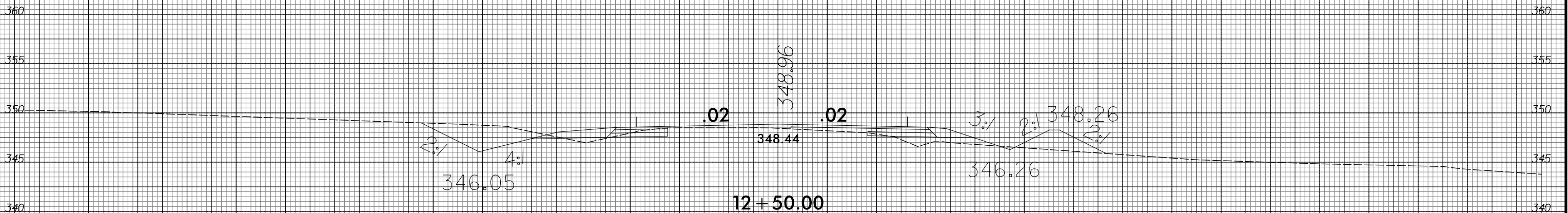
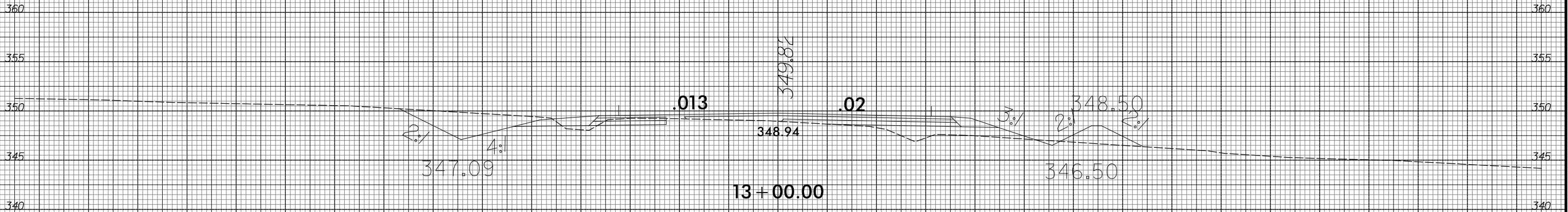
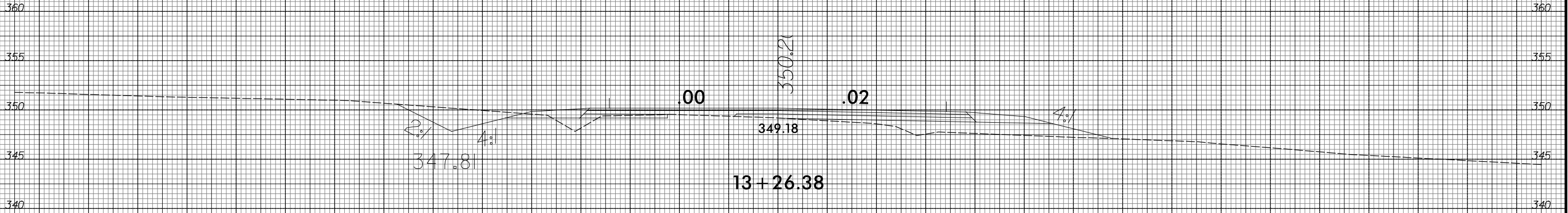
USING RSD 1101.02 (SHEET 1 OF 15), PLACE FINAL LAYER OF SURFACE COURSE, CONSTRUCT APPROACH ISLANDS ON -L-, -Y- AND -Y1-, AND PLACE FINAL PAVEMENT MARKINGS AND MARKERS.

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APPROVED: <i>Michael T. Rzepka</i> DATE: 5-19-15		PHASING	
SEAL 	SCALE: NONE		REVISIONS
	DATE: MAY '15		
	DWG. BY: CW		
	DESIGN BY: MTR		
	REVIEWED BY: MTR		



75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75



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