

*Missouri
Department
of Transportation*



Paula Gough, P.E., District Engineer

Northeast District
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2007 Missouri Quality Award Winner

December 5, 2008

Mr. Joe Jones
MoDOT Design Division
1320 Creek Trail Dr.
Jefferson City, MO 65109

RE: NE District Route 15/CC 2009 Awards for Excellence Nomination

Dear Mr. Jones:

Enclosed please find the application form of the Northeast District nomination of 2009 Awards for Excellence for Route 15/CC.

The project embraced several MoDOT values including being responsive, providing good value, using teamwork, and looking for ways to do our jobs better, faster and cheaper. The partnership with Monroe County allowed us to be proactive to make a highway safer that would not have had the opportunity through STIP funding.

With its maintenance team and assistance from the Monroe County road crew, MoDOT was able to improve sight distance on a minor road by removing a vertical curve, rebuilding the road and recycling materials removed from the old road to improve a nearby county road. A huge bonus to the project was that the property owner involved did not seek monetary compensation for the improvement on his land.

We anticipated a much larger cost savings, but due to asphalt prices doubling from the time the project was conceived and designed, to the time it was implemented, it was still a significant savings compared to contracting the entire project out. The estimate of \$167,000 was based on a contract (MoDOT's portion only), and the final cost of \$110,000 is still significantly less.

Thank you for considering this project for a 2009 Award for Excellence in the off-system project category.

Sincerely,

Tom Batenhorst, P.E.
District Design Engineer

2009 APPLICATION FORM

(required for each entry)

Complete this section for (check one): **Small Project** **Large Project**
 Post-Design Solution **Off System Project**

Job No. Not applicable **Route** 15 & CC **County / LPA** Monroe

Description (attach separate sheet if necessary) MoDOT maintenance and Monroe County staff teamed up to improve sight distance at Routes 15 and CC and a nearby county road. The project involved reducing a vertical curve on Route 15, rebuilding this section of road (about 2000 ft.) and using old pavement and dirt to build up the county road to improve sight distance there.

Project Leader Keith Long – d3 Traffic

Key Team Members (include key personnel irrespective of employer-nine individuals maximum)

Rodney Osbourne – d3 Maintenance Bryan Fessler – d3 Design Donald Simpson – Monroe Co. Comm.

Jennifer Hinson – d3 Area Engr Brandi Baldwin – d3 Construction Mike Minor – Monroe Co. Road Super

Lindell Parsons – d3 Maintenance Brian Untiedt – d3 Traffic Glenn Eagan – Shelby Co. Comm.

Project Budget:

Initial Cost / Estimate \$167,000 **Final Cost / Award** \$110,110.50

(MoDOT)/\$42,000 (County)*

**Initially, this project was going to be closer to a 50/50 cost share; however, asphalt prices doubled causing the increase to MoDOT's share*

What would make this entry stand out from the rest of the entries when considering

MoDOT's practical design philosophy? There were several unique issues related to this project including the fact that it would not have happened had the county not stepped forward to offer a partnering of resources. There was no history of accidents at this intersection, low traffic volume, and it was a minor road. However, because the county offered to share the cost and a local property owner allowed the work without compensation, MoDOT was able to provide a "best value" for the dollar to those using the road, as well as being responsive to a community's needs. Another unique factor is the portion of the road that was removed was "recycled" and used to improve a county road. Staff from both Monroe County and MoDOT teamed up to remove the vertical curve, then the county used the excess dirt and broken up pavement to build up a nearby county road. MoDOT hired a paving machine and operator to assist in rebuilding Route 15.



Building up county road with excess dirt



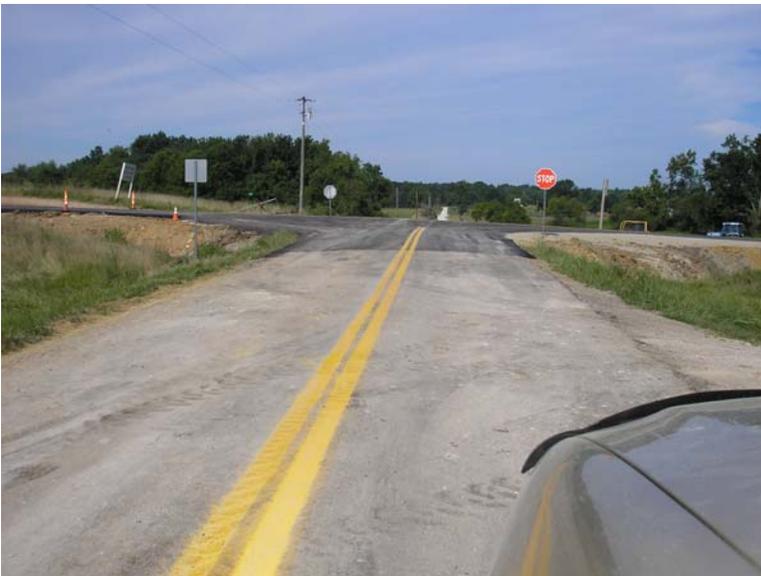
Removing the vertical curve on Route 15



Rebuilding Route 15.



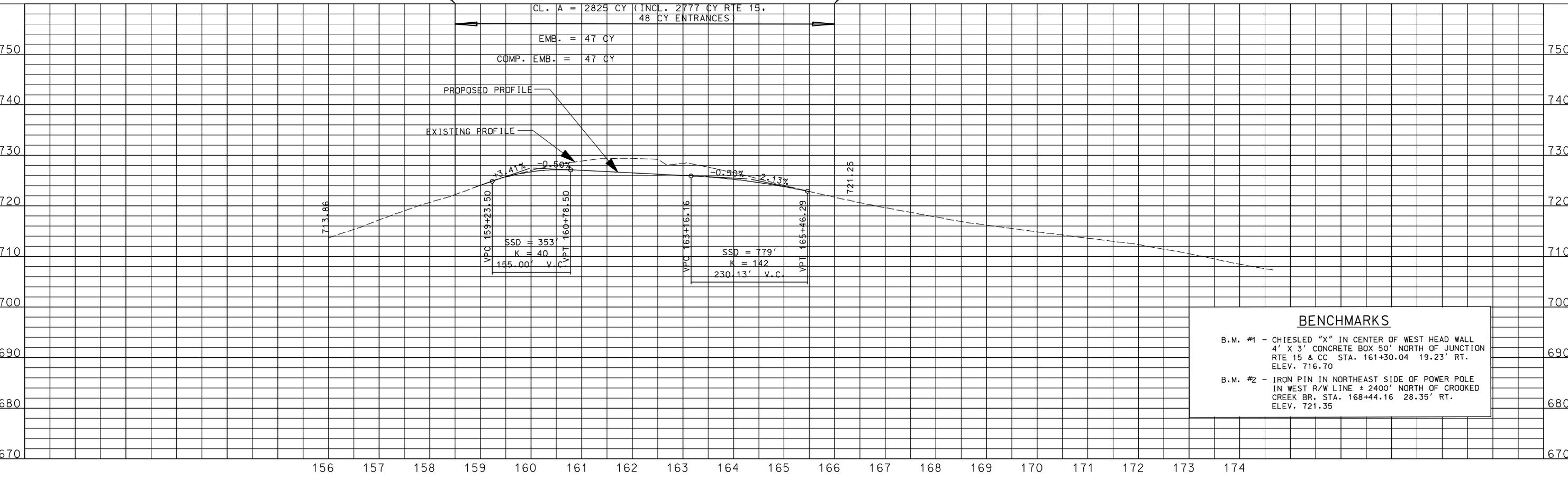
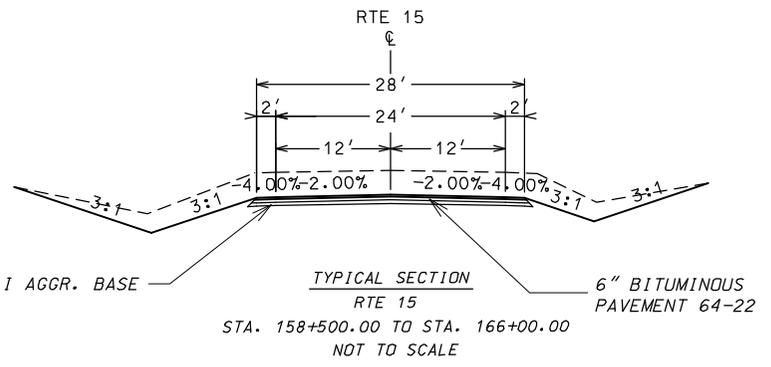
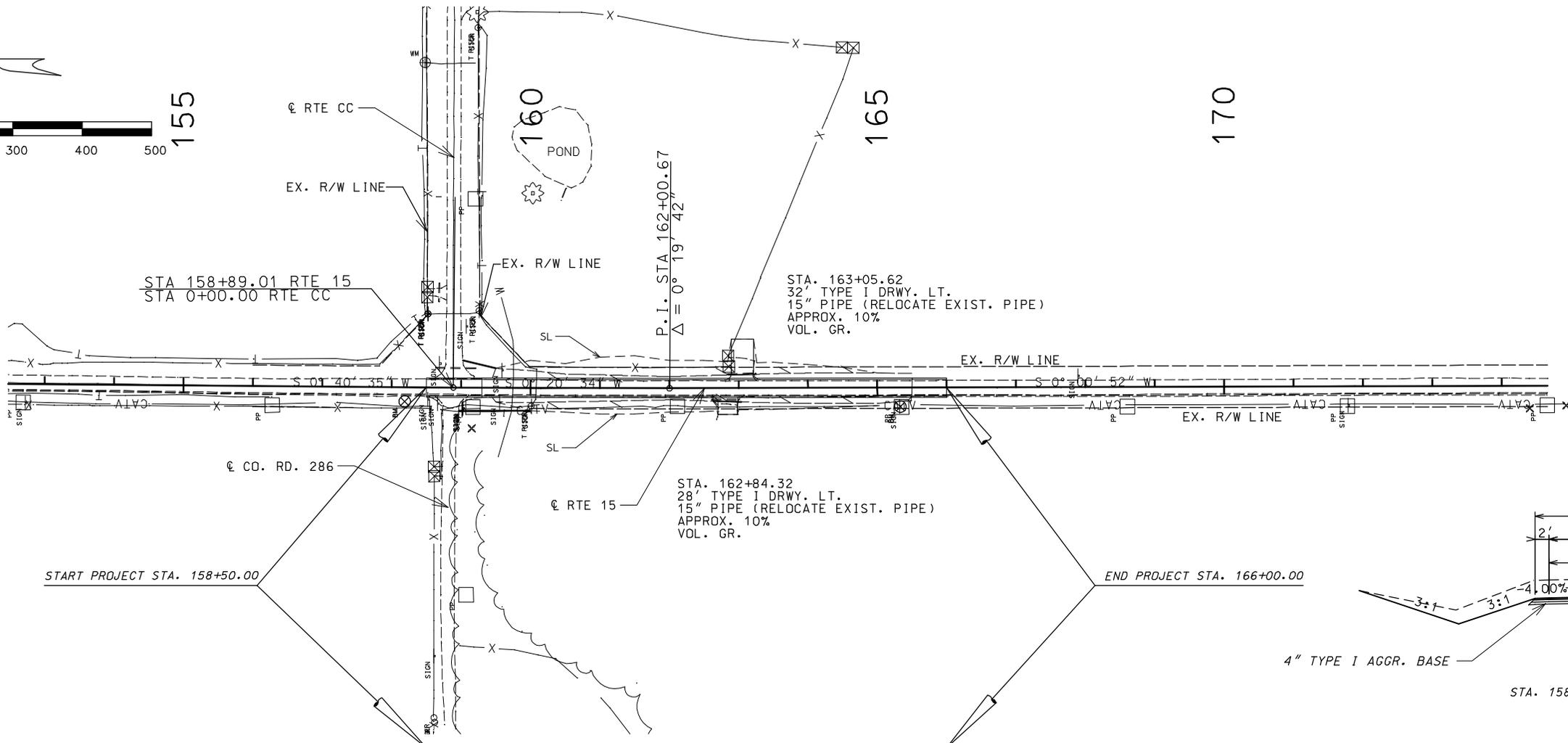
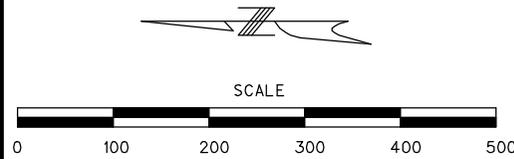
Rebuilt Route 15



Finished product.

ROUTE 15	STATE MO	DISTRICT 3	SHEET NO. 1
JOB NO. J3PXXXX			
CONTRACT ID.			
PROJECT NO.			
COUNTY MONROE			DATE _____

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."
REV.



BENCHMARKS	
B.M. #1	- CHISELED "X" IN CENTER OF WEST HEAD WALL 4' X 3' CONCRETE BOX 50' NORTH OF JUNCTION RTE 15 & CC STA. 161+30.04 19.23' RT. ELEV. 716.70
B.M. #2	- IRON PIN IN NORTHEAST SIDE OF POWER POLE IN WEST R/W LINE ± 2400' NORTH OF CROOKED CREEK BR. STA. 168+44.16 28.35' RT. ELEV. 721.35