

**2018 Paving Program Project
Elkhart County Highway Department**

ADDENDUM NO. 3

March 29, 2018

The project bid documents and specifications have been modified or added as follows:

- 1) ALL ASPHALT IN 2018 PAVING PACKAGE **SHALL BE TYPE B**
- 2) TP27 HAS BEEN MODIFIED TO INCLUDE **ITEM F**
- 3) TP 28 HAS BEEN MODIFIED TO **EXCLUDED 10 MILE RADIUS**
- 4) CUL-DU-DAC LAYOUT HAS BEEN ADDED

PLEASE NOTE: It is the responsibility of interested bidders to check the Elkhart County Highway website for updates (www.elkcohwvy.org/bids/).

NORFOLK SOUTHERN RAILROAD COMPANY

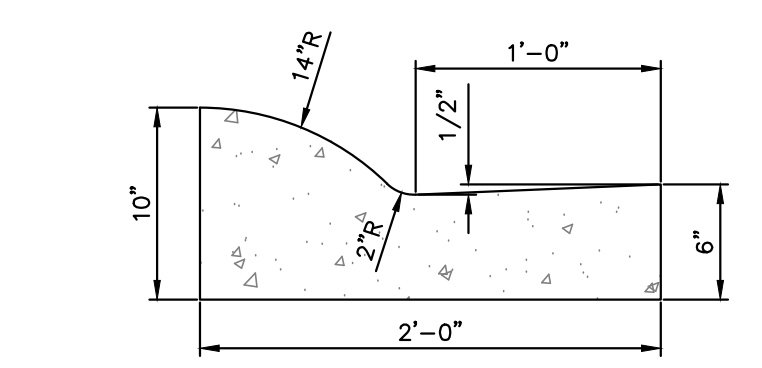
IBM ELEV 774.79
Bench Tie set in E face
of power pole 536-323

CENTER OF CIRCLE
STA 12+55.03, 9.50' RT, LINE 'M'

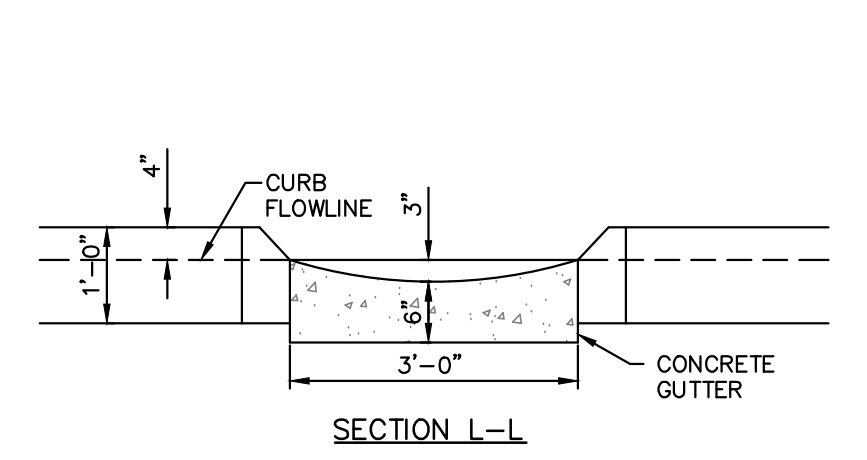
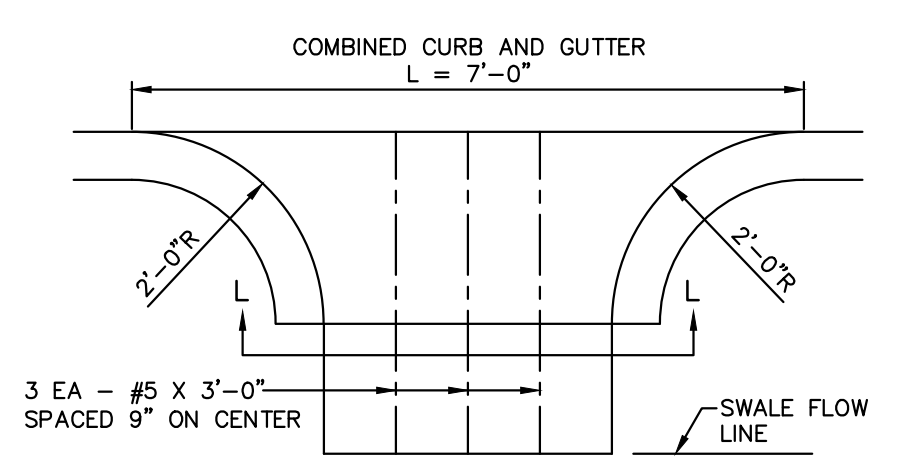
MATCH EXISTING GRAVEL DRIVE
GRADE, INCIDENTAL GRADING OF
EXISTING GRAVEL AS NEEDED
25' LET - 6" DI PIPE
INVERT AT SWALE FLOW LINE, MIN
6" NO 53 COMPACTED AGGREGATE
BASE COVER UNDER PCCP

- LEGEND**
- (A) FULL DEPTH HMA PAVEMENT:
165#/SYD (1 1/2") HMA SURFACE, TYPE 'B' ON TACK COAT, OVER
165#/SYD (1 1/2") HMA INTERMEDIATE, TYPE 'B', OVER
330#/SYD (1 1/2") HMA BASE, TYPE 'B' ON TACK COAT, OVER
6" COMPACTED AGGREGATE BASE, NO 53, OVER
COMPACTED SUBGRADE
 - (A2) HMA RESURFACE:
165#/SYD (1 1/2") HMA SURFACE, TYPE 'B', ON TACK COAT, OVER
MILLED PAVEMENT
 - (C2) CONCRETE APPROACH - PRIVATE DRIVE
6" PCCP FOR APPROACH, OVER
6" COMPACTED AGGREGATE BASE, SIZE NO. 53, OVER
COMPACTED SUBGRADE
 - (MS) MULCHED SEEDING, TYPE 'U'
 - (M) SURFACE MILLING, 1 1/2" (TYP)
 - (R) REMOVE
 - (17) COMBINED CONCRETE CURB & GUTTER, "ROLLED"

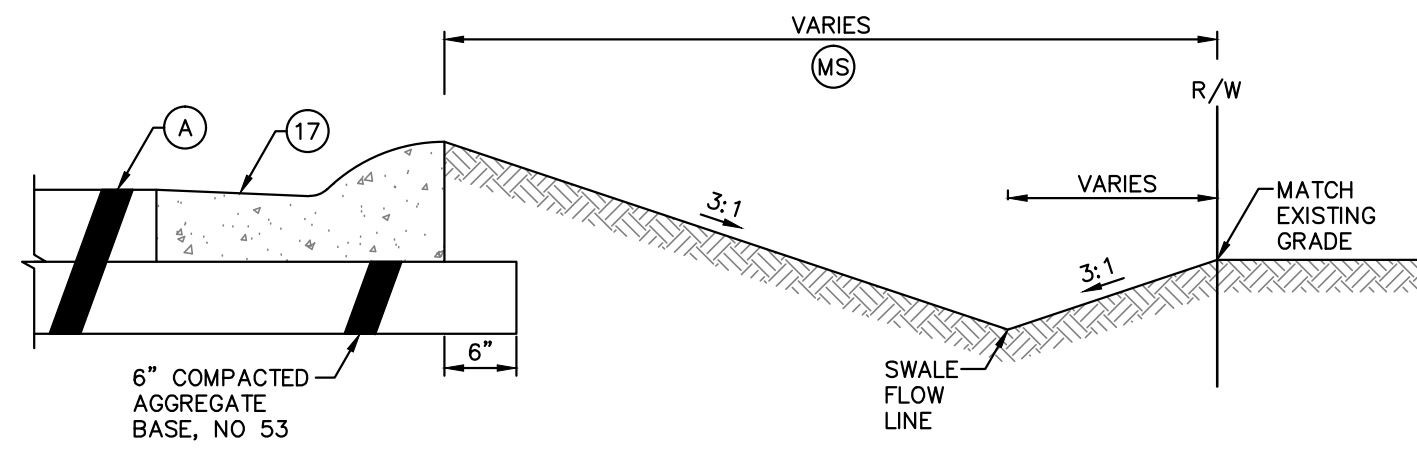
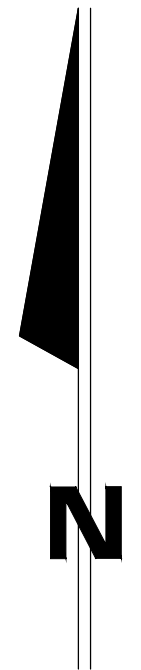
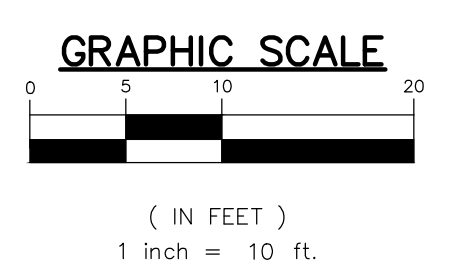
- LEGEND**
- (CT) CONCRETE GUTTER TURNOUT



COMBINED CONCRETE CURB & GUTTER
NOT TO SCALE



COMBINED CURB AND GUTTER TURNOUT
NOT TO SCALE



CURB & GUTTER/SWALE GRADING DETAIL
NOT TO SCALE

MATCH EXISTING GRAVEL DRIVE
GRADE, INCIDENTAL GRADING OF
EXISTING GRAVEL AS NEEDED

BEGIN CONSTRUCTION
STA 11+47.5, LINE 'M'

COUNTY ROAD 29

<p>JPR JONES PETRIE RAFINSKI your one single source</p> <p>For: Wilton, Indiana P: 264.42.2322</p> <p>South Bend, Indiana P: 574.232.4188</p> <p>Elkhart, Indiana P: 574.293.7762</p>	
<p>BRISTOL BUSINESS ROUTE PHASE II DIVISIONS III - VIII</p> <p>TOWN OF BRISTOL</p> <p>303 E. VISTULA ST. BRISTOL IN 46507</p> <p>COUNTY ROAD 29 CUL-DE-SAC</p>	
<p>DESIGNED BY: M. WILSON</p>	<p>DRAWN BY: D.K.</p>
<p>DATE: JANUARY 2018</p>	<p>JOB NUMBER: 2016-0006</p>
<p>SCALE: 1" = 10'</p>	<p>C701</p>

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TP27 – MONUMENTS

GENERAL

- A. On roads that will be milled and repaved, all monuments will remain in place and the contractor will work around them.
- B. On road sections that will be completely removed, the contractor will be required to leave them in place unless the profile of the road will be changed. The owner/inspector will make the decision if the monument will need to be replaced.
- C. If the monument is to be replaced, the contractor will be required to replace the monument at the cost of the bid item. The replacement will include the removal and disposal of the old monument and all associated materials. The monument must be replaced by a licensed surveyor or by technicians working under the direct supervision of a licensed surveyor.
Monuments to be used must be approved by the Elkhart County Surveyor.
- D. Monuments will be marked before work begins on each section of road.
- E. Extensions may be used if needed.
- F. **Monuments will be supplied by Elkhart County Surveyor**

TP28 – MILLING OPERATIONS

GENERAL

This item shall include the milling and removal of milled materials, to the depth indicated on the plans.

HMA Millings are the property of the County unless noted otherwise. The Contractor shall transport millings to a location designated by the County, ~~within 10 miles of the project site.~~ The cost of transporting the millings shall be included in the cost of Milling Operations.

The existing pavement shall be removed to varying depths in a manner that shall restore the pavement surface to a uniform longitudinal profile and cross-section while preserving curb and/or gutter if present. Removal shall be to the depth and cross slope as specified in the contract or as directed by the Engineer. If an independent grade reference is required, it shall be designated in the contract and shall be established by the Engineer. All new pavements shall have 2% slopes.

Pavement edge drop-offs of two (2) inches or greater shall not be left at the end of the workday without proper traffic control devices in place or otherwise addressing the condition such that there is no hazard to motorists. Traffic control devices shall be in accordance with the Manual of Uniform Traffic Control Devices (MUTCD) latest edition. There shall be no additional compensation for providing traffic control devices or otherwise addressing the pavement edge drop-off condition such that there is no hazard to motorists.

1. Tack shall be placed on clean surface prior to paving for surface layer application.
2. All work shall be performed during daylight hours.
3. All work shall take place Monday through Friday excluding holidays.
 1. Commencement of asphalt placement shall begin within 48 hours of the commencement of the milling operation and continue each work day until completed.
 2. Paving / Milling may occur on Saturdays with notification to Elkhart County Highway Inspector.
 3. A Six thousand dollar (\$6,000) per sub-group penalty will be assessed to the contractor for locations where asphalt placement is not commenced within 48 hours after milling.
 4. Contractor to provide Model and Type of Milling Machine to be used on this project or specialized subcontractors name to be utilized.
 5. Driveways shall be transitioned to meet at present elevation, as outlined in TP39.
 6. Pavement markings (including striping, stop bars, etc.) shall be replaced by contractor. Payment shall be included in prep cost line item.

7. # 53 gravel shoulders will be applied ASAP to avoid unsafe conditions if specified. Payment to be made per line item. Gravel shoulders shall be two feet wide, and shall not exceed two feet
8. All adjoining asphalt surfaces, including but not limited to, cross roads, passing blisters, driveways, shall be cut full depth and material removed or milled 1½ inch depth and 24 inches width minimum across the entire width of the pavement to provide a smooth transition. Any damage to edge will be removed prior to paving. Payment shall be included in prep cost line item.
9. All gravel roads encountered shall have a 100 foot asphalt approach installed.

Bid shall include all costs for milling passing blisters, driveway transitions, intersection radius, etc