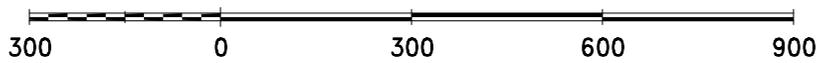




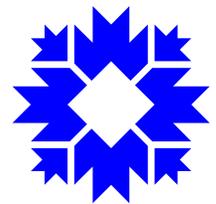
**Project Location Map**

Blue Line = Approximate Location

By: wykoffj  
12 Oct 11

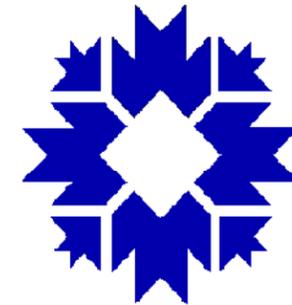


City of Bloomington  
Engineering



Scale: 1" = 300'

For reference only; map information NOT warranted.



PREPARED BY:



**EAGLE RIDGE**  
CIVIL ENGINEERING SERVICES, LLC

1321 Laurel Oak Drive  
Avon, Indiana 46123  
(317)370-9672

PROJECT NO.: 008

FILENAME:

REVISIONS	
DATE	DESCRIPTION

11/23/10

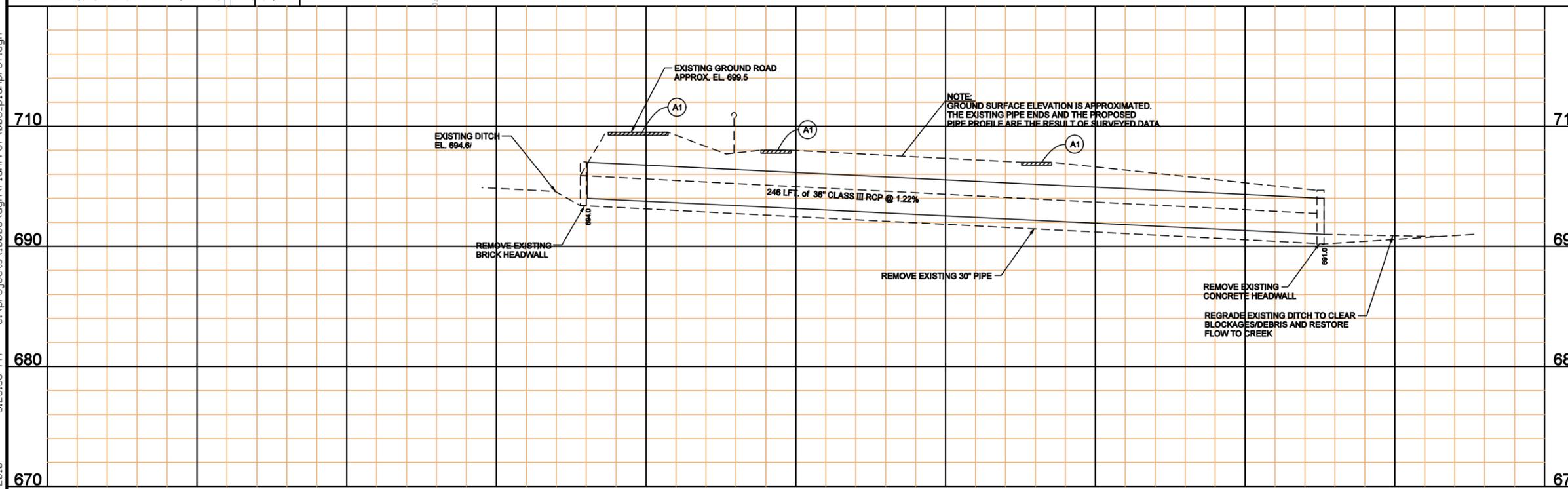
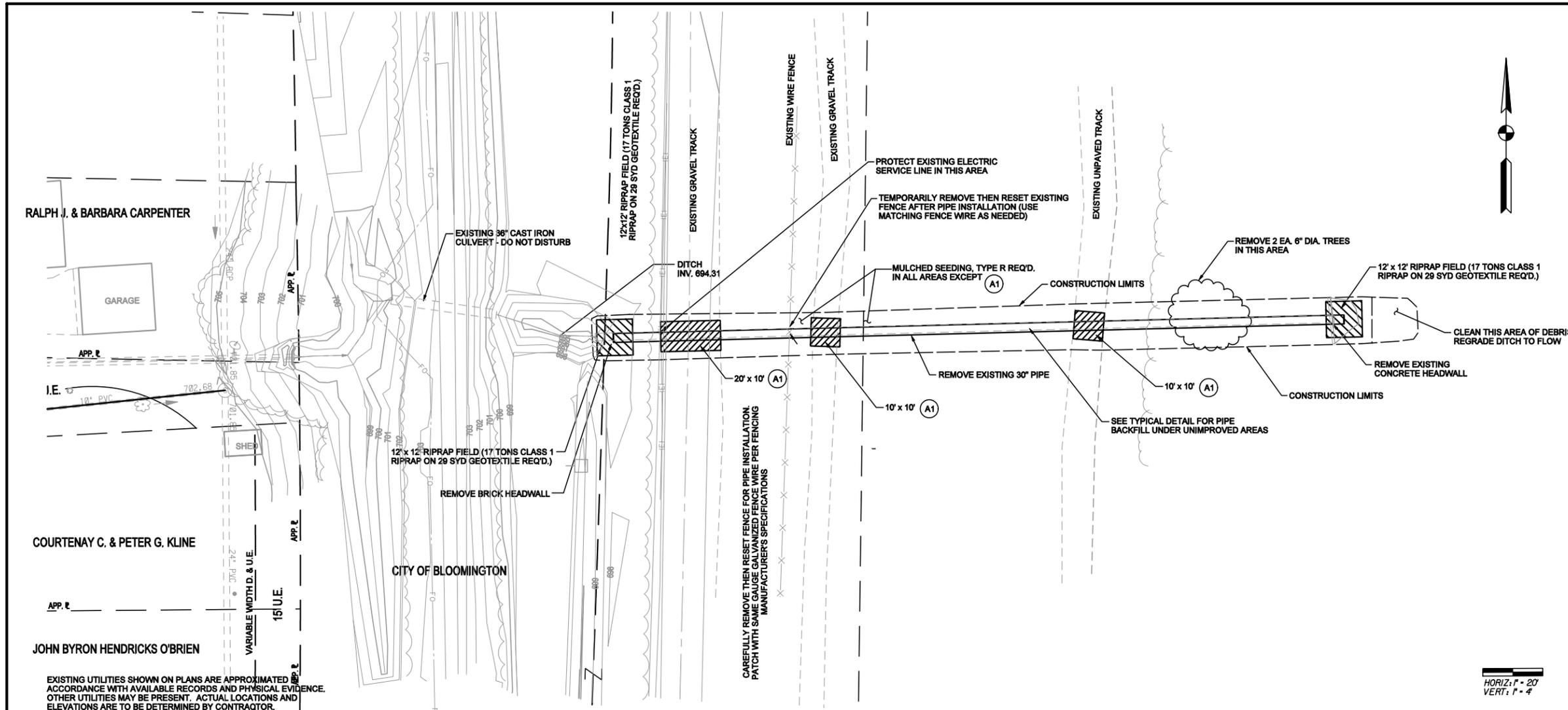
No.  
1930092  
STATE OF  
INDIANA  
PROFESSIONAL ENGINEER

*B. Ridgway*

**CITY OF  
BLOOMINGTON**

**PLAN AND PROFILE**

**SHEET NO. 1 OF 2**



Ppl10  
 11/27/2010  
 3:25:38 PM  
 C:\projects\10008\dgn\PlanProf\008\_planprof.dgn

EXISTING UTILITIES SHOWN ON PLANS ARE APPROXIMATED ACCORDANCE WITH AVAILABLE RECORDS AND PHYSICAL EVIDENCE. OTHER UTILITIES MAY BE PRESENT. ACTUAL LOCATIONS AND ELEVATIONS ARE TO BE DETERMINED BY CONTRACTOR.



PREPARED BY:



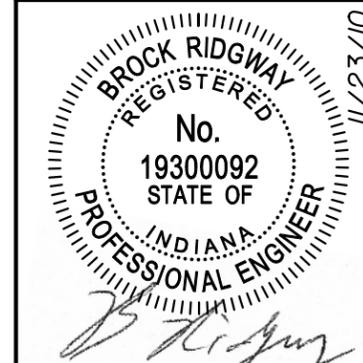
**EAGLE RIDGE**  
CIVIL ENGINEERING SERVICES, LLC

1321 Laurel Oak Drive  
Avon, Indiana 46123  
(317)370-9672

PROJECT NO.: 008

FILENAME:

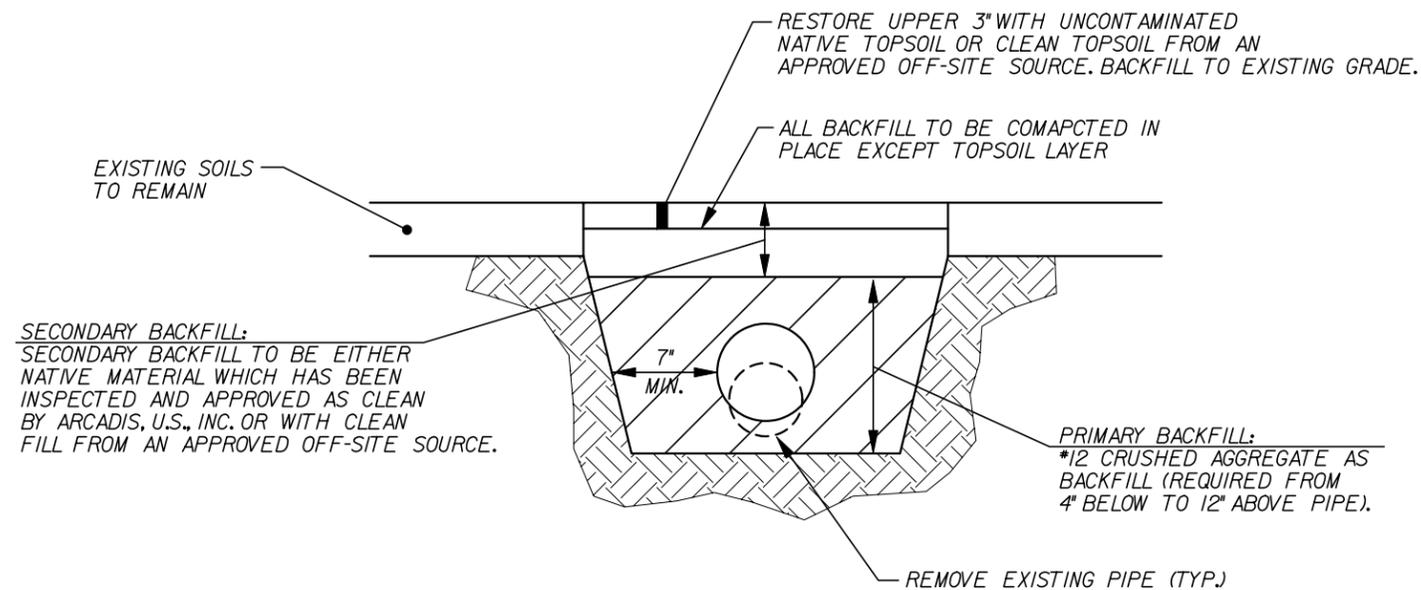
REVISIONS	
DATE	DESCRIPTION



INDIANA DEPARTMENT  
OF TRANSPORTATION

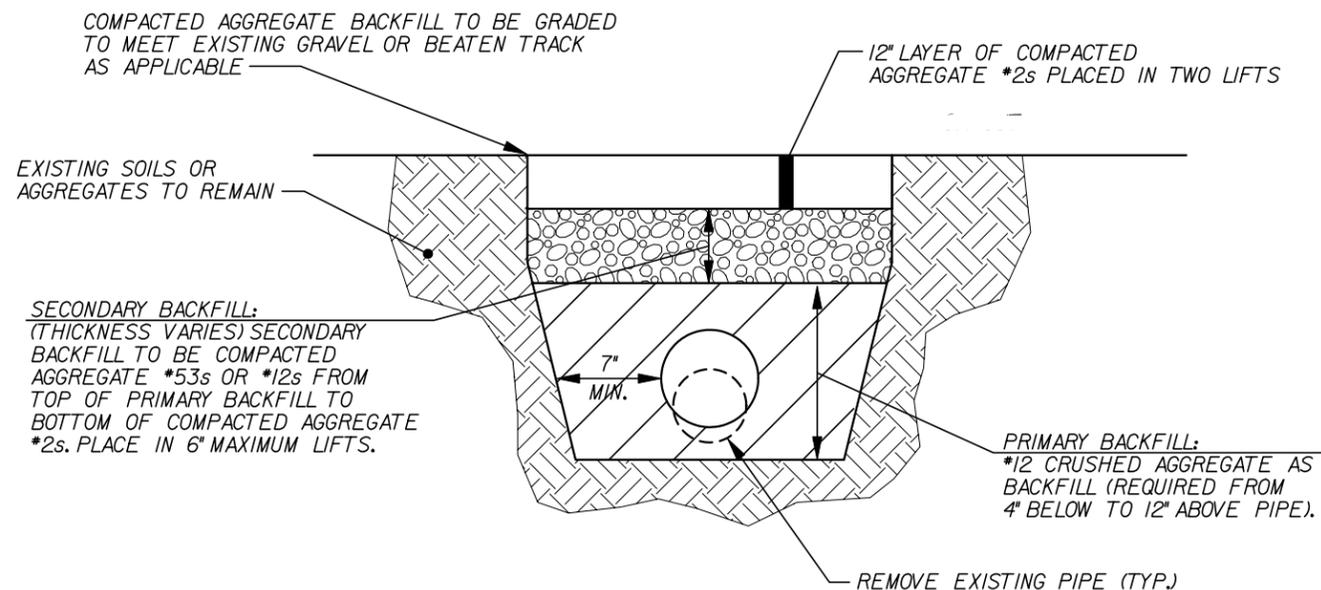
DETAILS

SHEET NO. 2 OF 2



**PIPE BACKFILL FOR UNIMPROVED AREAS**

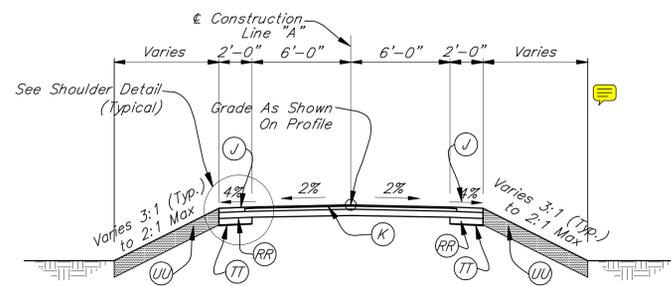
NTS



**AGGREGATE BACKFILL FOR PIPES UNDER GRAVEL ROADS/PATHS**

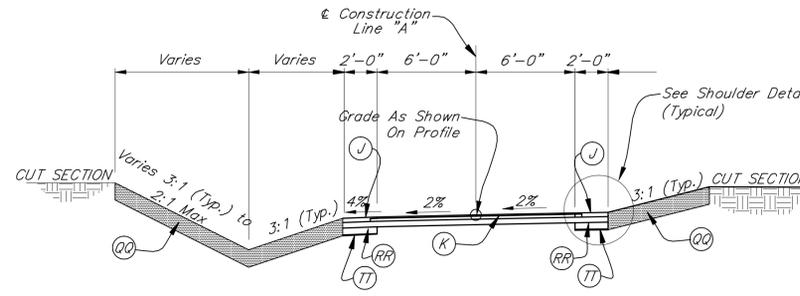
A1

NTS



**TYPICAL TRAIL CROSS SECTION**

Scale: 3/16" = 1'-0"  
0+10.16 to 63+61 "PR-1"

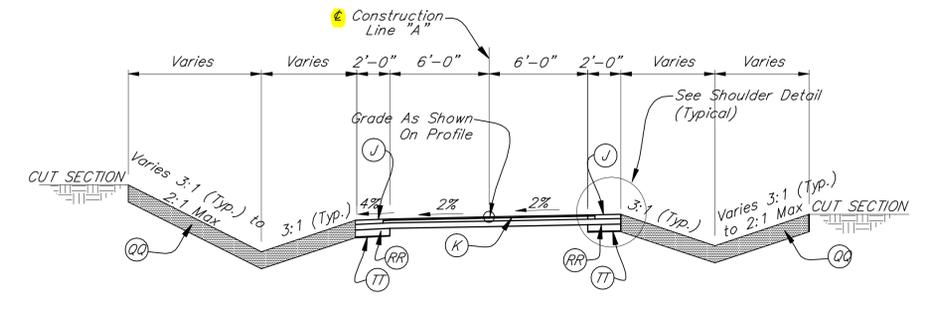


**TYPICAL TRAIL CROSS SECTION**

Scale: 3/16" = 1'-0"

**TILT RT. TO LT.**

64+03.17 to 71+97.89 "A"  
72+17.92 to 78+68.20 "A"  
78+90.69 to 85+74.23 "A"  
85+98.37 to 92+92.80 "A"  
93+08.82 to 93+17.10 "A"  
130+14.88 to 135+11.43 "A"

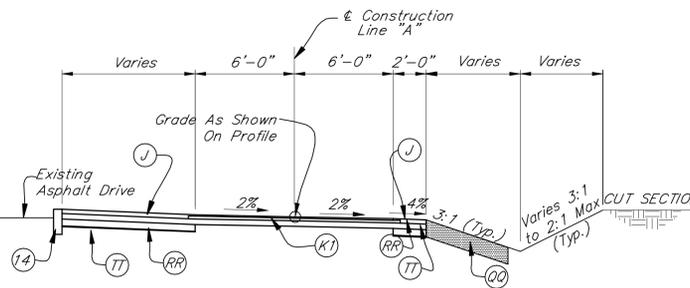


**TYPICAL TRAIL CROSS SECTION**

Scale: 3/16" = 1'-0"

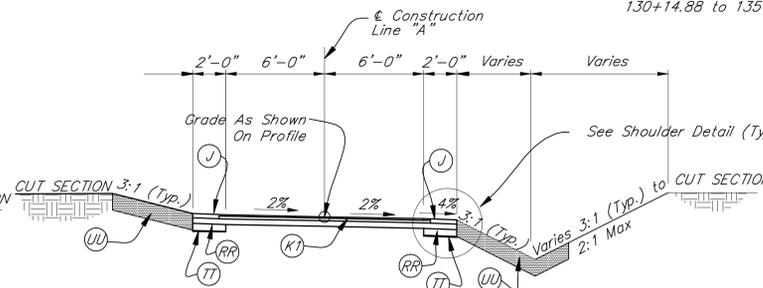
**TILT RT. TO LT.**

135+11.43 to 138+35.27 "A"



**TYPICAL TRAIL CROSS SECTION**

Scale: 3/16" = 1'-0"  
138+82.17 to 140+00.00 "A"

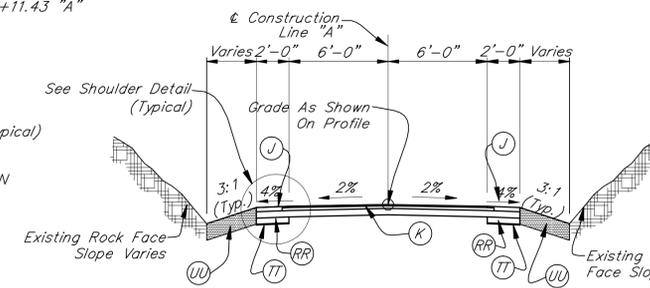


**TYPICAL TRAIL CROSS SECTION**

Scale: 3/16" = 1'-0"

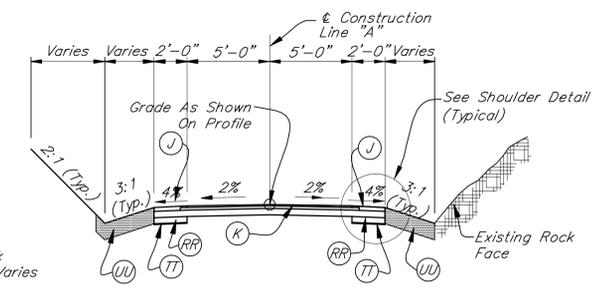
**TILT LT. TO RT.**

140+00.00 to 144+00.00 "A"



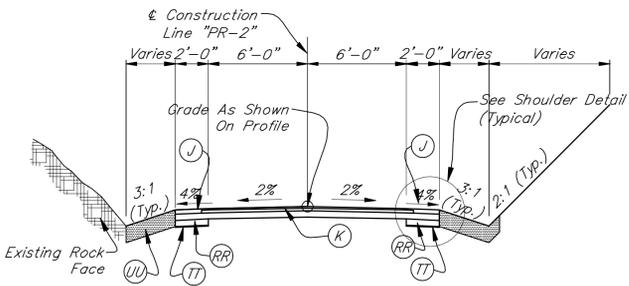
**TYPICAL TRAIL CROSS SECTION**

Scale: 3/16" = 1'-0"  
144+00.00 to 150+50.00 "A"  
152+50.00 to 159+50.00 "A"



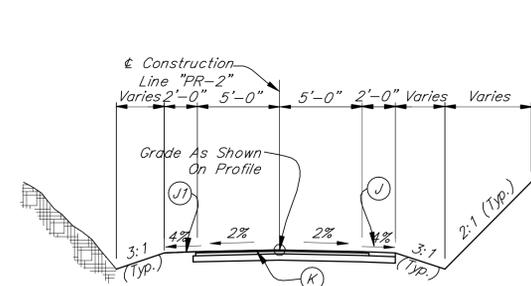
**TYPICAL TRAIL CROSS SECTION**

Scale: 3/16" = 1'-0"  
150+50.00 to 152+50.00 "A"



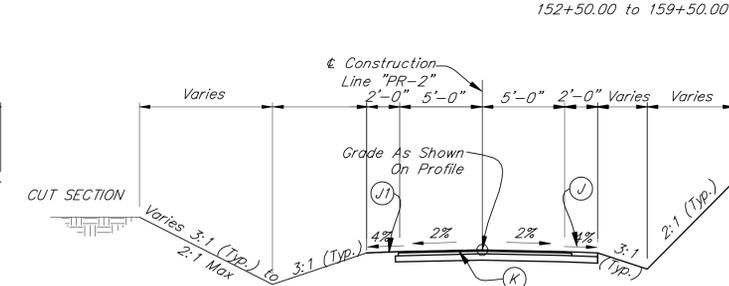
**TYPICAL TRAIL CROSS SECTION**

Scale: 3/16" = 1'-0"  
159+50.00 to 160+00.00 "A"



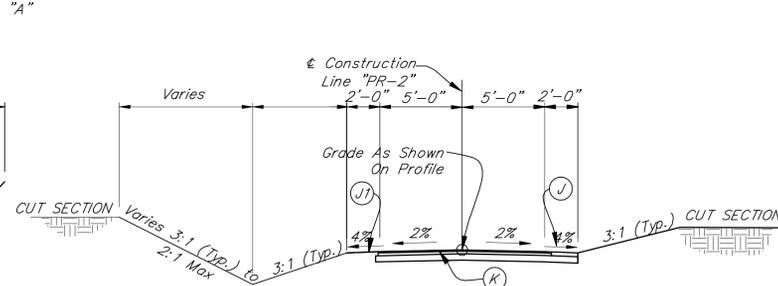
**TYPICAL TRAIL CROSS SECTION**

Scale: 3/16" = 1'-0"  
160+00.00 to 161+00.00 "PR-2"



**TYPICAL TRAIL CROSS SECTION**

Scale: 3/16" = 1'-0"  
161+00.00 to 162+50.00 "PR-2"



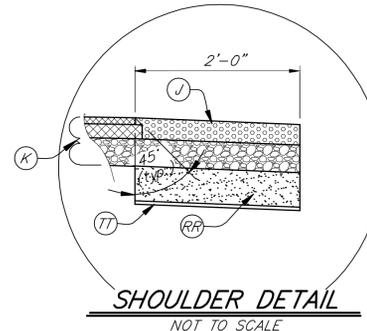
**TYPICAL TRAIL CROSS SECTION**

Scale: 3/16" = 1'-0"  
162+50.00 to 164+29.32 "PR-2"

**LEGEND**

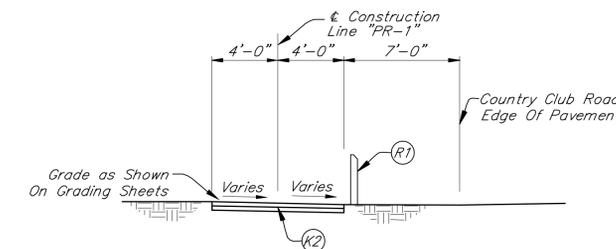
- Special Pavement:
  - (C) PCCP for Approaches 6" on 4" Compacted Aggregate, No. 53
  - (J) 3" Crushed Limestone for Shoulder
  - (JI) Grass Shoulder
- Asphalt Trail:
  - (K) 110#/SYS HMA, Type A, Surface, 9.5mm
  - (K) 220#/SYS HMA, Type A, Intermediate, 19.0mm
  - (K) 4" Compacted Aggregate Base, No. 53
- Heavy Duty Asphalt Trail:
  - (K1) 110#/SYS HMA, Type A, Surface, 9.5mm
  - (K1) 330#/SYS HMA, Type A, Intermediate, 19.0mm
  - (K1) 5" Compacted Aggregate Base, No. 53
- Stone Trail:
  - (K2) 3" Crushed Limestone
  - (K2) 3" Compacted Aggregate Base, No. 53
- (L) Heavy Duty Asphalt Pavement:
  - (L) 165#/SYS HMA, Surface, 9.5mm, Type A
  - (L) 330#/SYS HMA, Intermediate, 19.0mm, Type A
  - (L) 7" Compacted Aggregate Base, No. 53
- (R) Wood Bollard
- (Q0) Impacted Material Removed to Landfill. Remove to 12" below final grade, replace With 12" Clean Topsoil (See Remediation Sheets)
- (RR) 5" Sand
- (TT) Geotextile
- (UU) Cover existing surface with 12" Clean Topsoil (See Remediation Sheets)
- (13) Concrete Curb, Flush
- (14) Concrete Curb

NOTES:  
1. For Seeding Limits, See Landscape Sheets



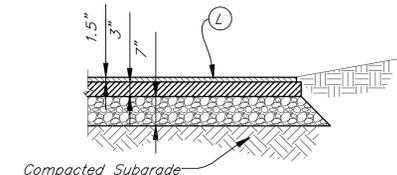
**SHOULDER DETAIL**

NOT TO SCALE



**STONE TRAIL CROSS SECTION**  
**INCIDENTAL CONSTRUCTION @ COUNTRY CLUB ROAD**

Scale: 3/16" = 1'-0"



**HEAVY DUTY ASPHALT PAVEMENT SECTION - ALLEN STREET**

Not To Scale

NOTES:  
Proof-Roll Subgrade Prior to Subbase Placement. Unsuitable Materials Must Be Removed And Recompacted to 98% Standard Proctor.

U:\147021\Project\Development\Drawings\CD01.dwg 9/14/2009 1:14 PM Mat. Sells

**BCA** CONSULTANTS, INC.  
6330 E. 75th SUITE 150  
INDIANAPOLIS, IN 46250  
317-578-4293

**CORNERSTONE**  
PLANNING & DESIGN, INC.  
LANDSCAPE ARCHITECTURE DESIGN SERVICES  
PHONE: (317) 849-0600

**INDIANAPOLIS**  
2009  
2010  
2011  
2012  
2013  
2014  
2015  
2016  
2017  
2018  
2019  
2020  
2021  
2022  
2023  
2024  
2025  
2026  
2027  
2028  
2029  
2030  
2031  
2032  
2033  
2034  
2035  
2036  
2037  
2038  
2039  
2040  
2041  
2042  
2043  
2044  
2045  
2046  
2047  
2048  
2049  
2050

RECOMMENDED FOR APPROVAL: **John C. Zant** 8-31-09  
DESIGN ENGINEER DATE

DESIGNED: K. Cruz DRAWN: K. Cruz  
CHECKED: J. Zant CHECKED: J. Zant

CITY OF BLOOMINGTON  
B-LINE TRAIL - PHASE 2  
TYPICAL CROSS SECTIONS

8450 WESTFIELD BLVD., SUITE 300  
INDIANAPOLIS, IN 46240  
317 713-4615  
FAX 317 713-4616

**BFS**  
Butler Fairman Seuffer  
CIVIL ENGINEERS

509 WEST 84TH DRIVE, SUITE G  
MERRILLVILLE, IN 46410  
219 768-2333  
FAX 219 768-2377

HORIZONTAL SCALE	FILE
AS NOTED	
VERTICAL SCALE	DESIGNATION
NA	0901422
SURVEY BOOK	SHEET
NA	03 OF 189
CONTRACT	PROJECT
R-32562	0901422

BFS NO. 4702