CITY OF MUSKEGO
C.T.H. "OO" (NORTH CAPE ROAD)
RECREATION TRAIL
PLAN OF PROPOSED IMPROVEMENT

INDEX OF SHEETS

Sheet No.	Title
Sheet No.	Typical Sections and Details
Sheet No.	Miscellaneous Quantities
Sheet No.	Right of Way Plat
Sheet No.	Plan and Profile
Sheet No.	Standard Detail Drawings
Sheet No.	Computer Earthwork Data
Sheet No.	Cross Sections

TOTAL SHEETS =

CONVENTIONAL SIGNS

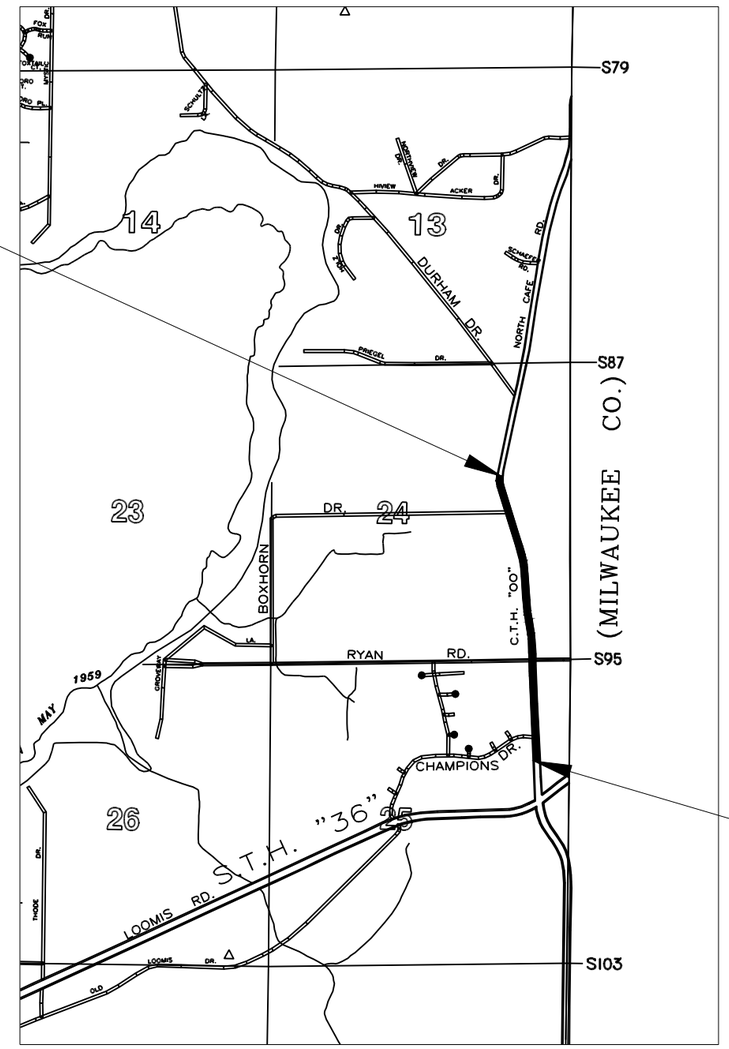
COUNTY LINE
CORPORATE LIMITS
PROPERTY LINE
EXISTING RIGHT OF WAY
NEW RIGHT OF WAY
TEMPORARY LIMITED EASEMENT
REFERENCE LINE
SLOPE INTERCEPT
ORIGINAL GROUND
MARSH OR ROCK PROFILE
CULVERT IN PLACE
CULVERT REQUIRED
CULVERT REQUIRED (Profile)
WATER VALVE
HYDRANT
SIGNPOST
TELEPHONE BOX
SANITARY MANHOLE
POWER POLE
TELEPHONE POLE

COMBUSTIBLE FLUIDS (UNDER PRESSURE) — CAUTION

UNDERGROUND UTILITIES
GAS — G
OVER HEAD — OH
ELECTRIC — E
TELEPHONE — T
FIBER OPTIC — FO
CABLE TELEVISION — TV
WATER MAIN — W
STORM SEWER — ST
SANITARY SEWER — SAN

RAILROADS
MARSH
WOODED AREA
WETLANDS — WET

END PROJECT
STA 49+39.87



BEGIN PROJECT
STA 0+00.00
N=109077.159
E=726001.079

LAYOUT

SCALE 0 1/4 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.936 MI

FINAL PLANS
06/07/2016

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATE SYSTEM, WAUKESHA COUNTY, NAD83 (2011) IN U.S. SURVEY FEET, VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ELEVATIONS ON THIS PLAN ARE REFERENCED TO NAVD88 (2012) ALL IN U.S. SURVEY FEET.

REV NO.	DATE	DESCRIPTION

515 W. Moreland Blvd., Rm. 220
Waukesha, Wisconsin 53188
Phone: (262) 548 – 7740
Fax: (262) 896 – 8097
www.waukeshacounty.gov

Waukesha COUNTY
DEPARTMENT OF PUBLIC WORKS

CITY OF MUSKEGO
WAUKESHA COUNTY, WISCONSIN

CTY OO (NORTH CAPE) RECREATION TRAIL

DATE: 06/07/2016
SCALE:
JOB NO.
PROJECT MANAGER: GARY EVANS, PE
DESIGNED BY: JTM
CHECKED BY:
SHEET NUMBER
1

GENERAL NOTES

NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS INICATED FOR REMOVAL BY THE ENGINEER.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS, AS SHOWN ON THE PLANS, ARE APPROXIMATE. THERE MAY BE OTHER UTILITIES AND UTILITY INSTALLATIONS WITHIN THE PROJECT LIMITS THAT ARE NOT SHOWN.

EXCAVATION BELOW SUBGRADE (EBS) SHALL NOT BE USED TO BALANCE YARDAGE. EBS IS NOT SHOWN ON THE CROSS SECTIONS, BUT WILL BE MEASURED AND PAID FOR AS EXCAVATION COMMON. THE PRECISE LOCATION OF THE EBS WILL BE DETERMINED BY THE ENGINEER.

PAVEMENTS ARE TO BE SAWCUT, AS INDICATED ON THE PLANS, TO PROVIDE A BUTT JOINT AT THE PROJECT LIMITS AND AT ALL ASPHALTIC DRIVEWAYS AND SIDE ROADS.

SILT FENCE SHALL BE INSTALLED AROUND ALL EXISTING CULVERT INLETS. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN PLACE UNTIL SUCH TIME AS THE ENGINEER DETERMINES THAT THEY ARE NO LONGER REQUIRED.

WHEN THE QUANTITY OF THE ITEMS OF BREAKER RUN, BASE AGGREGATE OR HMA PAVEMENT IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS OF THE LAYER SHOWN ON THE PLANS IS APPROXIMATE. THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

THE CRUSHED AGGREGATE FOR SHOULDERS ADJACENT TO THE HMA PAVEMENT SHALL NOT BE PLACED UNTIL AFTER THE SURFACE LAYER OF THE HMA PAVEMENT HAS BEEN LAID.

RECREATION TRAIL	–	E0.3
PAVEMENT PATCHING	–	E-3 MATCH EXITING THICKNESS
ASPHALT MATERIAL	–	PG58-28

ALL HMA PAVEMENT LOWER LAYERS SHALL HAVE A 19.0 mm GRADATION AND ALL HMA PAVEMENT SURFACE LAYERS SHALL HAVE A 9.5 mm GRADATION. ASPHALTIC MATERIAL PG58-28 SHALL BE USED.

ALL CURB AND GUTTER RADII DIMENSIONS ARE MEASURED TO THE FLANGE.

CURB AND GUTTER JOINT SPACING SHALL BE 20 FEET IN TANGENT SECTIONS.

ALL DISTURBED AREAS WITHIN THE RIGHT OF WAY SHALL BE COVERED WITH SALVAGED TOPSOIL OR TOPSOIL, FERTILIZER, SEED, OR SODDED AS NOTED ON THE PLANS OR AS DETERMINED BY THE ENGINEER.

SODDING SHALL CONSIST OF SOD EROSION CONTROL FOR ALL AREAS, EXCEPTING OCCUPIED RESIDENTIAL PROPERTIES AND ALL RIGHT OF WAY CONTIGUOUS TO SAID PROPERTIES, WHICH ARE TO USE SOD LAWN.

TWO JOINT TIES ARE REQUIRED FOR THE LAST THREE (3) JOINTS OF STORM SEWER PIPE REINFORCED CONCRETE AND CULVERT PIPE REINFORCED CONCRETE AT APRON ENDWALLS. THIS ITEM SHALL BE CONSIDERED INCIDENTAL TO THE OTHER ITEMS OF STORM SEWER CONSTRUCTION.

THE CONTRACTOR SHALL NOTIFY DIGGER'S HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK TO DETERMINE THE LATEST STATUS OF UTILITY RELOCATIONS. ANY LOCAL MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF A ONE-CALL SYSTEM MUST BE CONTACTED SEPARATELY.

THE WAUKESHA COUNTY COORDINATES SHOWN ON THIS PLAN ARE GROUND OR GRID COORDINATES.

CURB AND GUTTER SPOT GRADES ARE BACK OF CURB

STATION OFFSETS OF APRON ENDWALLS ARE TO END OF ENDWALL

UTILITIES WITHIN THE PROJECT LIMITS

AT&T
MR. MARK EDER
2005 PEWAUKEE ROAD
WAUKESHA, WI 53188
ME1754@ATT.COM
(262) 896-7434

TIME WARNER CABLE
MR. STEVE CRAMER
1320 N. DR. MARTIN LUTHER KING JR. DR.
MILWAUKEE, WI 53212
EMAIL: STEVE.CRAMER@TWCABLE.COM
(414) 277-4045

WE-ENERGIES (ELECTRIC)
MAJOR PROJECTS ENGINEERING
MR. BRYAN STOEHR
500 S. 116TH ST.
WEST ALLIS, WI 53214
EMAIL: BRYAN.STOEHR@WE-ENERGIES.COM
(414) 944-5516

WE-ENERGIES (GAS)
FIELD CONTACT
MR. JOE DABLE
500 S. 116TH ST.
WEST ALLIS, WI 53214
EMAIL: JOE.DABLE@WE-ENERGIES.COM
(414) 944-5543

WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM
WE-ENERGIES PAVING COORDINATOR
500 S. 116TH ST.
WEST ALLIS, WI 53214

CITY OF MUSKEGO – SANITARY AND WATER
DIRECTOR OF PUBLIC WORKS
MR. DAVID SIMPSON
W182 S8200 RACINE AVE.
P.O. BOX 749
MUSKEGO, WI 53150-0749
EMAIL: DSIMPSON@CI.MUSKEGO.WI.US
(262) 679-4145

WAUKESHA COUNTY
DEPARTMENT OF PUBLIC WORKS
MR. GARY EVANS ENGINEERING SERVICES MANAGER
515 W. MORELAND BLVD.
WAUKESHA, WI 53188
GEVANS@WAUKESHACOUNTY.GOV
(262) 548-7740

CITY OF MUSKEGO – PLANNING SERVICES
MR. JEFF MUENKEL
W182 S8200 RACINE AVE.
P.O. BOX 749
MUSKEGO, WI 53150-0749
EMAIL: JMUENKEL@CI.MUSKEGO.WI.US
(262) 679-4136

WDNR LIAISON

MR. CRAIG WEBSTER
ENVIRONMENTAL COORDINATOR WIS DNR – SOUTHEAST REGION
141 NW BARSTOW ROOM 180
WAUKESHA, WI 53187
EMAIL: CRAIG.WEBSTER@WISCONSIN.GOV
(262) 574-2141

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE
TELEFAX (414) 259-0947
TDD (FOR HEARING IMPAIRED) 1-800-542-2289
WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE

REV NO.	DATE	DESCRIPTION

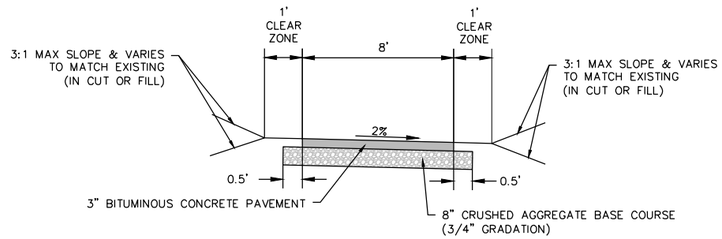
Waukesha COUNTY
DEPARTMENT OF PUBLIC WORKS
515 W. Moreland Blvd., Rm. 220
Waukesha, Wisconsin 53188
Phone: (262) 548 - 7740
Fax: (262) 896 - 8097
www.waukeshacounty.gov

CITY OF MUSKEGO
WAUKESHA COUNTY, WISCONSIN

C.T.H. "OO"
REC TRAIL GENERAL NOTES

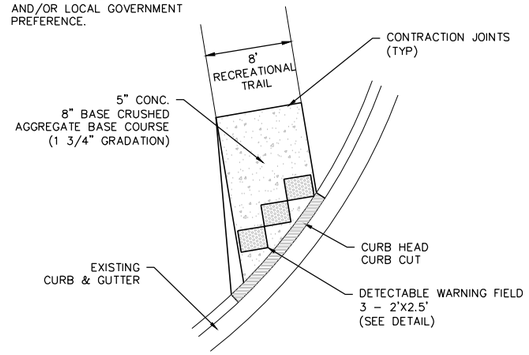
DATE: 06/07/2016
SCALE: N/A
JOB NO.
PROJECT MANAGER: GARY EVANS, PE
DESIGNED BY: JTM
CHECKED BY:
SHEET NUMBER
2

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL - CTH OO (HWY 36 TO DURHAM RD)\ACAD\PLANS\020101-GN.DWG PLOT DATE: 6/7/2016 3:23 PM



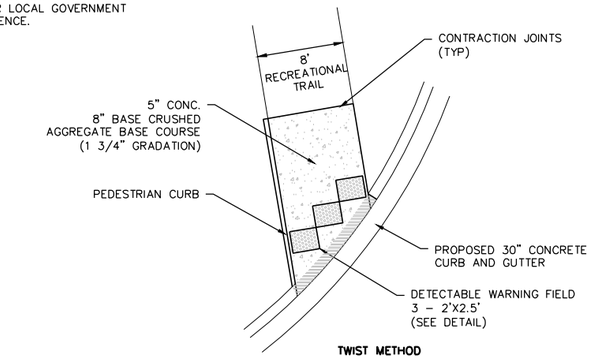
8' WIDE RECREATIONAL TRAIL DETAIL
NTS

NOTE: LOCATION OF JOINTS MAY BE VARIED FROM THOSE SHOWN TO BETTER FIT SITE CONDITIONS AND/OR LOCAL GOVERNMENT PREFERENCE.

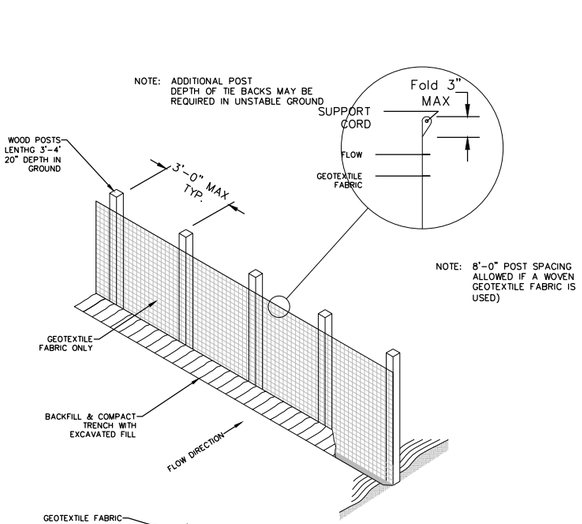


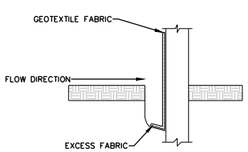
RECREATIONAL TRAIL WITH DETECTABLE WARNING FIELD DETAIL (EXISTING CURB)
NTS

NOTE: LOCATION OF JOINTS MAY BE VARIED FROM THOSE SHOWN TO BETTER FIT SITE CONDITIONS AND/OR LOCAL GOVERNMENT PREFERENCE.

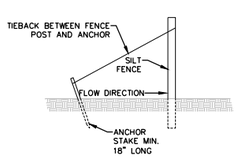


RECREATIONAL TRAIL WITH DETECTABLE WARNING FIELD DETAIL
NTS

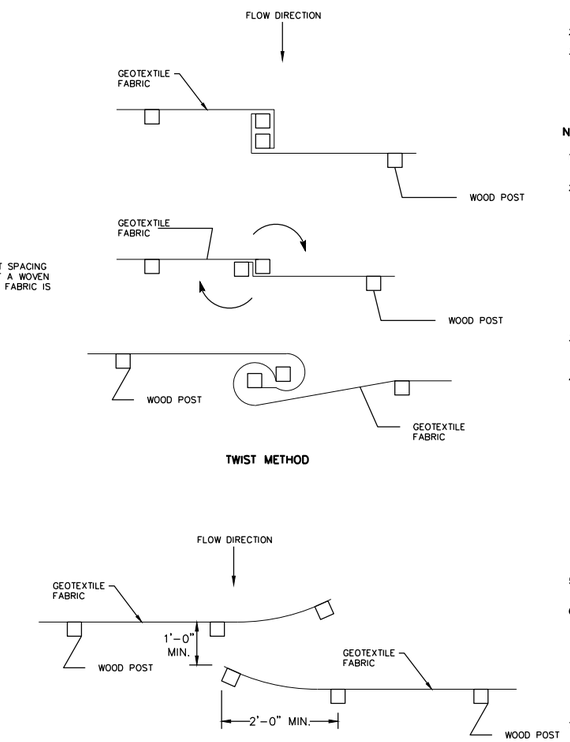




TRENCH DETAIL



SILT FENCE TIE BACK
(WHEN ADDITIONAL SUPPORT IS REQUIRED)



JOINING TWO LENGTHS OF SILT FENCE

SILT FENCE DETAIL
NTS

GENERAL NOTES:

1. TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATION SOIL.
2. WOOD POST SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OR OAK OR HICKORY.
3. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE OF THE FOLLOWING TWO METHODS:
   A) TWIST METHOD--OVERLAP THE END POST AND TWIST, OR ROTATE, AT LEAST 180 DEGREES.
   B) HOOK METHOD--HOOK THE END OF EACH SILT FENCE LENGTH.

NOTES:

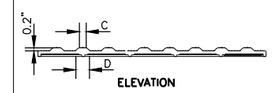
1. SILT FENCE SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITY AND/OR WITHIN 24 HOUSE OF CONSTRUCTING DITCHES, DIVERSIONS, OR OTHER CHANNELS.
2. SILT FENCE FABRIC SHALL HAVE THE FOLLOWING PROPERTIES:
   A. GRAB TENSILE STRENGTH: 100 LBS (MIN.) IN THE CROSS-MACHINE DIRECTION. (ASTM D-4632)
   B. GRAB TENSILE STRENGTH: 100 LBS (MIN.) IN THE MACHINE DIRECTION. (ASTM D-4632)
   C. MAXIMUM APPARENT OPENING SIZE: NO. 30 (ASTM D4751)
   D. MINIMUM PERMITTIVITY: 0.05 (ASTM D-4491)
   E. ULTRAVIOLET RADIATION STABILITY OF 70% (ASTM D-4355)
   F. FABRIC CONSISTS OF EITHER WOVEN OR NON-WOVEN POLYESTER, POLYPROPYLENE, STABILIZED NYLON, POLYETHYLENE, OR POLYVINYL CHLORIDE. NON-WOVEN FABRIC MAY BE NEEDLE-PUNCHED, HEAT BONDED, RESIN BONDEN, OR COMBINATIONS THEREOF.
   G. SILT FENCE SHALL HAVE A MAXIMUM FLOW RATE OF 10GAL/MIN./SQUARE FOOT AT 50MM CONSTANT HEAD (ASTM D-4491)
3. SILT FENCE SHALL BE PLACES ON THE CONTOUR AND NOT PERPENDICULAR TO THE CONTOUR. THE ENDS SHALL BE EXTENDED UPSLOPE TO PREVENT WATER FROM FLOWING AROUND THE ENDS OF THE FENCE.
4. WHEN SILT FENCE IS INSTALLED ON A SLOPE, THE PARALLEL SPACING SHALL NOT EXCEED THE REQUIREMENTS IN THE TABLE BELOW:

SLOPE	FENCE SPACING
< 2%	100 FEET
2% TO 5%	75 FEET
5% TO 10%	50 FEET
10% TO 33%	25 FEET
> 33%	20 FEET

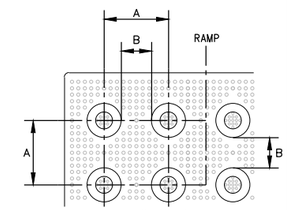
5. INSTALL SILT FENCE SHALL BE MINIMUM 14 INCHES HIGH AND A MAXIMUM OF 28 INCHES IN HEIGHT MEASURED FROM THE INSTALLED GROUND ELEVATION.
6. SILT FENCE SHALL BE SUPPORED BY EITHER WOOD OR STEEL SUPPORTS AS SPECIFIED BELOW:
   A. WOOD – 1 1/8" X 1 1/8" AIR OF KILN DRIED OAK OR HICKORY; FABRIC SHALL BE STAPLED USING 1/2-INCH MINIMUM STABLES TO THE UPSLOPE SIDE OF THE FENCE IN AT LEAST 3 PLACES; POSTS SHALL BE MINIMUM OF 3 FEET LONG FOR 24-INCH FENCE AND 4 FEET LONG FOR 36-INCH FENCE.
   B. STEEL – MINIMUM 5 FEET IN LENGTH WITH STRENGTH OS 1.33 LBS/FT AND HAVE PROJECTIONS FOR FASTENERS; FABRIC SALL BE ATTACHED IN AT LEAST THREE PLACES ON THE UPSLOPE SIDE WITH 50LB. PLASTIC TIE STRAPS OR WIRE FASTENERS
7. MAXIMUM SPACING OF POSTS FOR NON-WOVEN SILT FENCE SHALL BE 3 FEET AND 8 FEET FOR WOVEN FABRIC.
8. A MINIMUM OF 20 INCHES OF THE POST SHALL EXTEND INTO THE GROUND AFTER INSTALLATION.
9. SILT FENCE SHALL BE ANCHORED BY SPREADING AT LEAST 8 INCHES OF THE FABRIC IN A 4-INCH TRENCH WIDE BY 6-INCH DEEP TRENCH, OR 6-INCH V-TRENCH ON THE UPSLOPE SIDE OF THE FENCE. TRENCH SHALL BE BACKFILLED AND COMPACTED. TRENCHES SHALL NOT BE EXCAVATED WIDER THAN NECESSARY FOR PROPER INSTALLATION.
10. SILT FENCE SHALL AT A MINIMUM BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EACH PRECIPITATION EVENT THAT PRODUCES 0.5INCHES OF RAIN OR MORE DURING A 24-HOUR PERIOD.
11. DAMAGED OR DECOMPOSED FENCES, UNDERCUTTING, OR FLOW CHANNELS AROUND THE END OF BARRIERS SHALL BE REPAIRED OR CORRECTED.
12. SEDIMENT SHALL BE PROPERLY DISPOSED OF ONCE THE DEPOSITS REACH ONE HALF THE HIGHT OF THE FENCE.
13. SILT FENCES SHALL BE REMOVED ONCE THE DISTURBED AREA IS PERMANENTLY STABILIZED AND IS NO LONGER SUSCEPTIBLE TO EROSION.

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

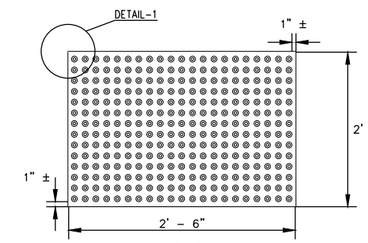
* THE C DIMENSION IS 50% TO 65% OG THE D DIMENSION.



ELEVATION



DETAIL-1



PLAN VIEW

DETECTABLE WARNING FIELD DETAIL
(TRUNCATED DOMES)
NTS

REV NO.	DATE	DESCRIPTION

Waukesha COUNTY
DEPARTMENT OF PUBLIC WORKS
515 W. Moreland Blvd., Rm. 220
Waukesha, Wisconsin 53188
Phone: (262) 548 – 7740
Fax: (262) 896 – 8097
www.waukeshacounty.gov

CITY OF MUSKEGO
WAUKESHA COUNTY, WISCONSIN

C.T.H. "OO" (NORTH CAPE RD) CONSTRUCTION DETAILS

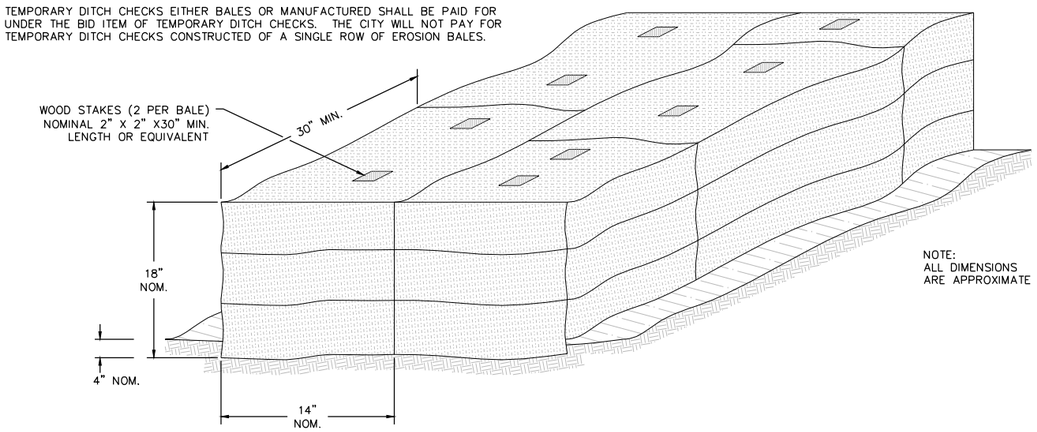
DATE: 06/07/2016
SCALE: NTS
JOB NO.
PROJECT MANAGER: GARY EVANS, PE
DESIGNED BY: JRS
CHECKED BY: JTM
SHEET NUMBER
4

FILE NAME - N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH OO (HWY 36 TO DURHAM RD)\ACAD\PLANS\021001-CD.DWG PLOT DATE: 6/7/2016 3:20 PM

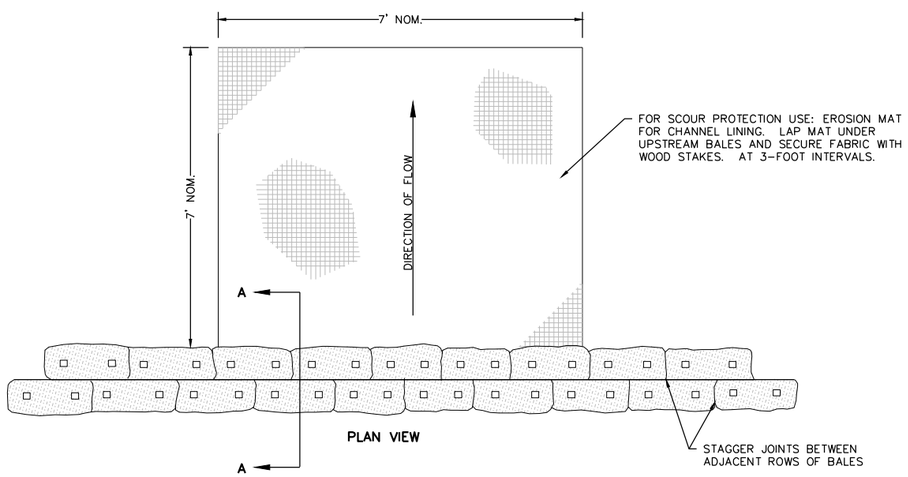
GENERAL NOTES

DETAILS OF CONSTRUCTION MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

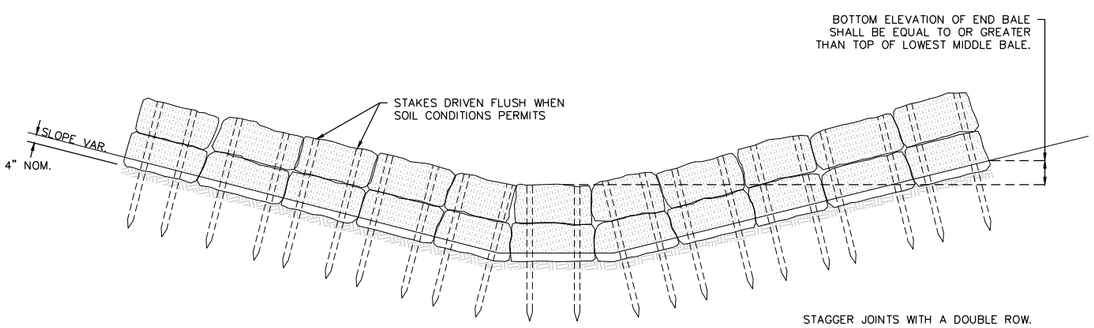
TEMPORARY DITCH CHECKS EITHER BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECKS. THE CITY WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.



SECTION A – A



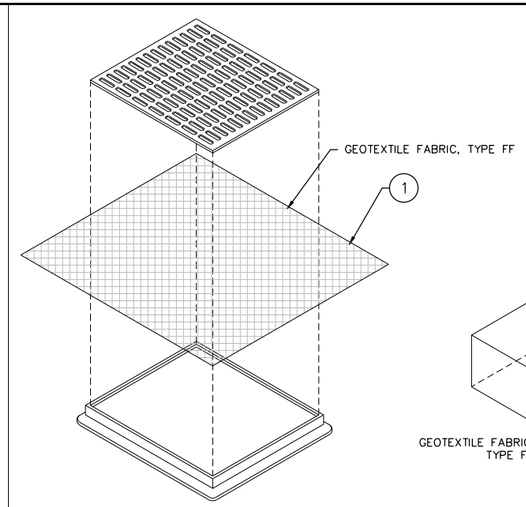
PLAN VIEW



FRONT ELEVATION

TEMPORARY DITCH CHECKS USING EROSION BALES

NTS

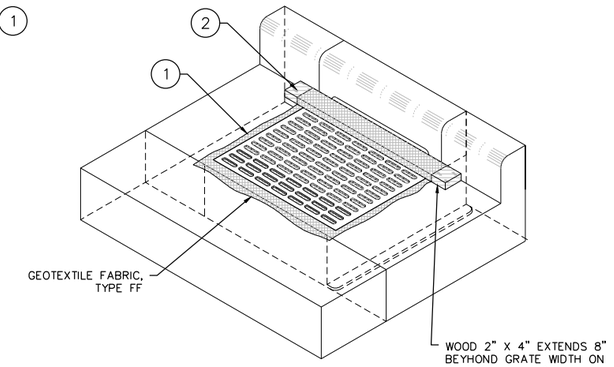


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)
(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE. THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE. USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.



INLET PROTECTION, TYPE C
(WITH CURB BOX)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACES AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE WISCONSIN DOT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

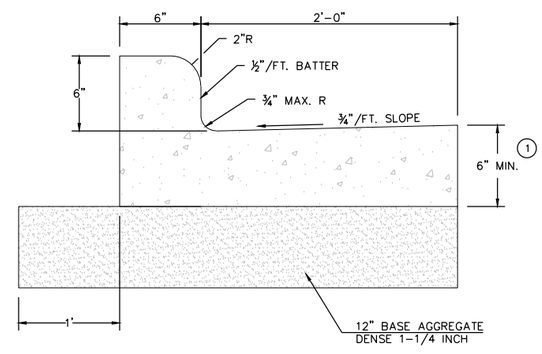
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

(1) FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

(2) FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING

INLET PROTECTION

NTS



GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIAL AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

(1) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

30" STANDARD VERTICAL FACE CONCRETE CURB & GUTTER DETAIL

NTS

REV NO.	DATE	DESCRIPTION

Waukesha COUNTY
DEPARTMENT OF PUBLIC WORKS
515 W. Moreland Blvd., Rm. 220
Waukesha, Wisconsin 53188
Phone: (262) 548 – 7740
Fax: (262) 896 – 8097
www.waukeshacounty.gov

CITY OF MUSKEGO

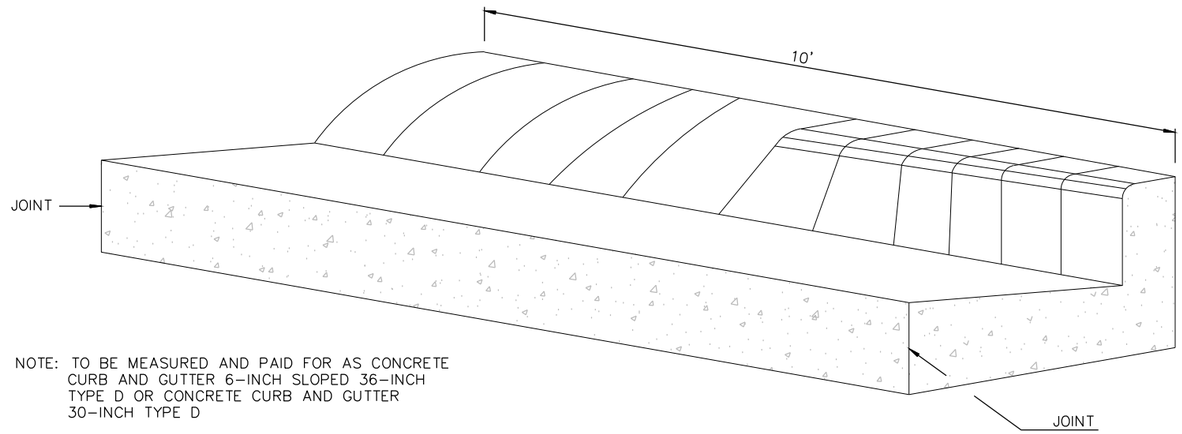
WAUKESHA COUNTY, WISCONSIN

C.T.H. "OO" (NORTH CAPE DR) CONSTRUCTION DETAIL

DATE: 06/07/2016
SCALE: NTS
JOB NO.
PROJECT MANAGER: GARY EVANS, PE
DESIGNED BY: JTM
CHECKED BY:

SHEET NUMBER
3

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH OO (HWY 36 TO DURHAM RD\ACAD\PLANS\021001-CD.DWG PLOT DATE: 6/7/2016 3:20 PM



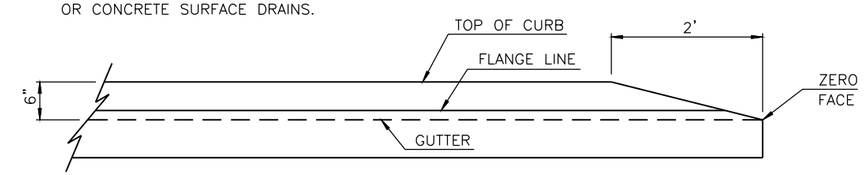
NOTE: TO BE MEASURED AND PAID FOR AS CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D OR CONCRETE CURB AND GUTTER 30-INCH TYPE D

TIE BARS REQUIRED WHEN TYING INTO EXISTING CURB AND GUTTER. COST FOR TIE BARS SHALL BE INCIDENTAL TO ITEMS OF CURB AND GUTTER.

CONCRETE CURB & GUTTER TRANSITION DETAIL

NTS

NOTE: TO BE USED AT ALL TERMINI OF CURB AND GUTTER WHERE NOT ABUTTING EXISTING CURB AND GUTTER OR CONCRETE SURFACE DRAINS.



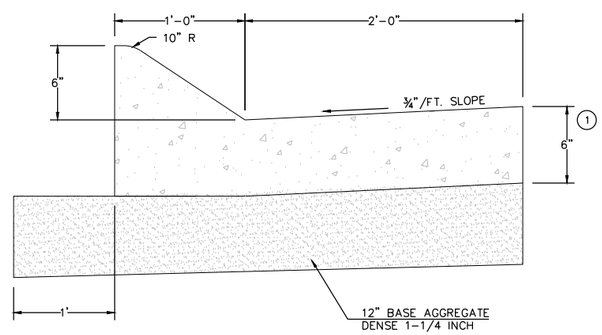
CURB AND GUTTER TERMINAL SECTION

NTS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIAL AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

(1) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

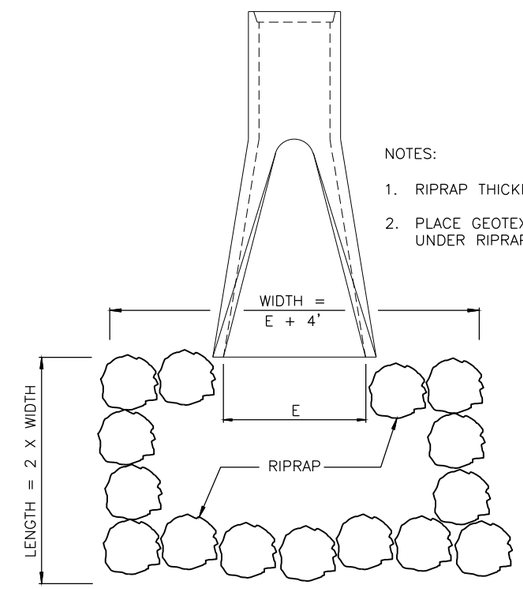


6" SLOPED CURB – 36" TYPE D DETAIL

NTS

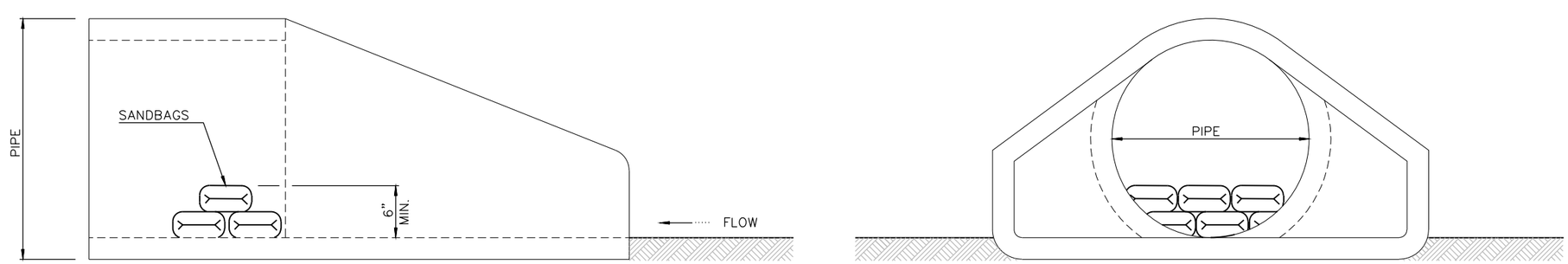
NOTES:

1. RIPRAP THICKNESS = 1'
2. PLACE GEOTEXTILE FABRIC TYPE R UNDER RIPRAP



TYPICAL PLACEMENT OF RIPRAP AT PIPE DISCHARGE ENDS

NTS



CULVERT PIPE CHECK DETAIL

NTS

REV. NO.	DATE	DESCRIPTION

515 W. Moreland Blvd., Rm. 220
Waukesha, Wisconsin 53188
Phone: (262) 548 – 7740
Fax: (262) 896 – 8097
www.waukeshacounty.gov

C:\Users\jsoehner\Desktop\LOGO.jpg

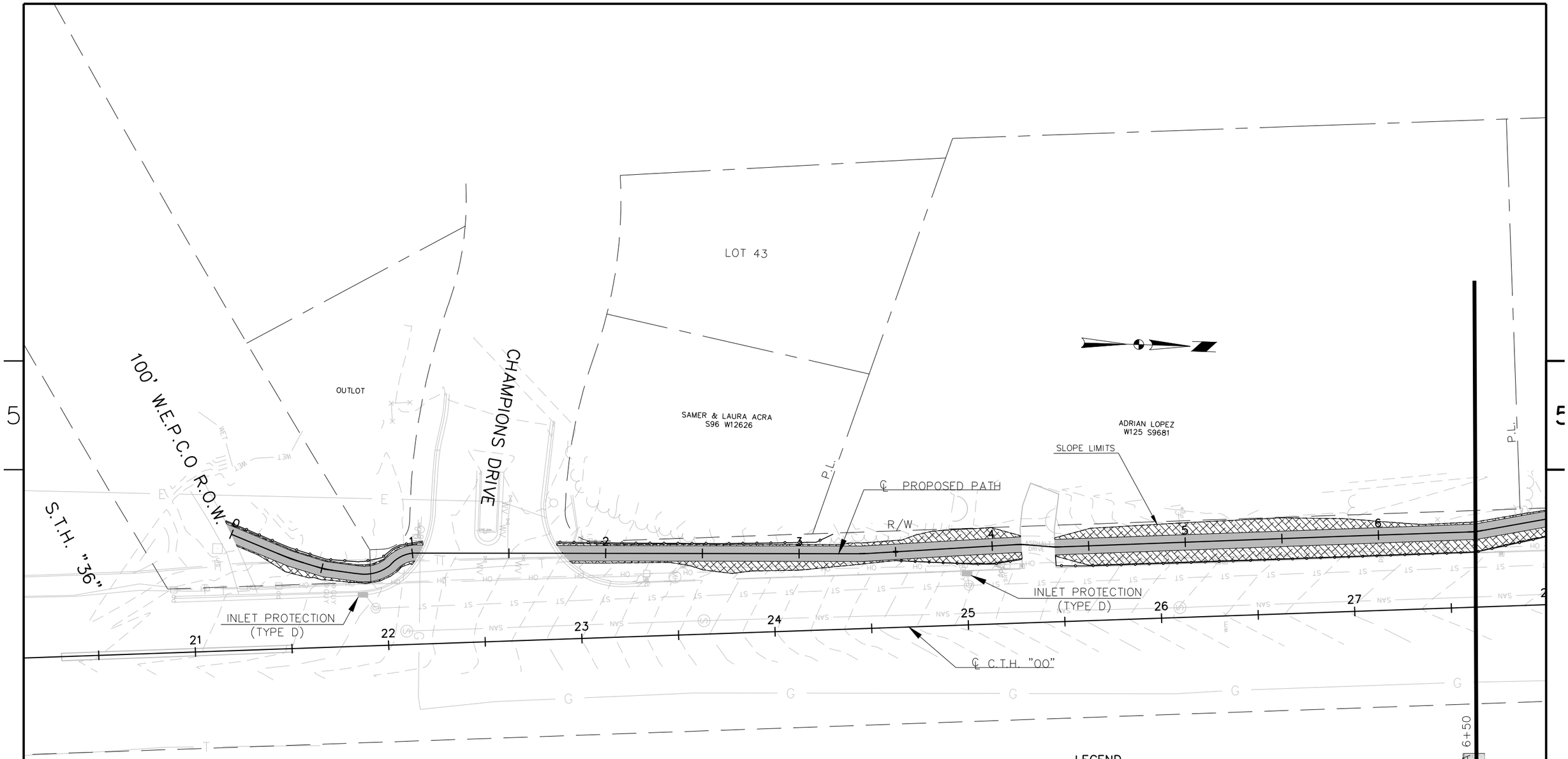
CITY OF MUSKEGO

WAUKESHA COUNTY, WISCONSIN

C.T.H. "OO" (NORTH CAPE DR) CONSTRUCTION DETAIL

DATE: 02/55/2016
SCALE: NTS
JOB NO.
PROJECT MANAGER: GARY EVANS, PE
DESIGNED BY: JRS
CHECKED BY: JRS
SHEET NUMBER

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH OO (HWY 36 TO DURHAM RD)\ACAD\PLANS\021001-CD.DWG PLOT DATE: 6/1/2016 2:41 PM



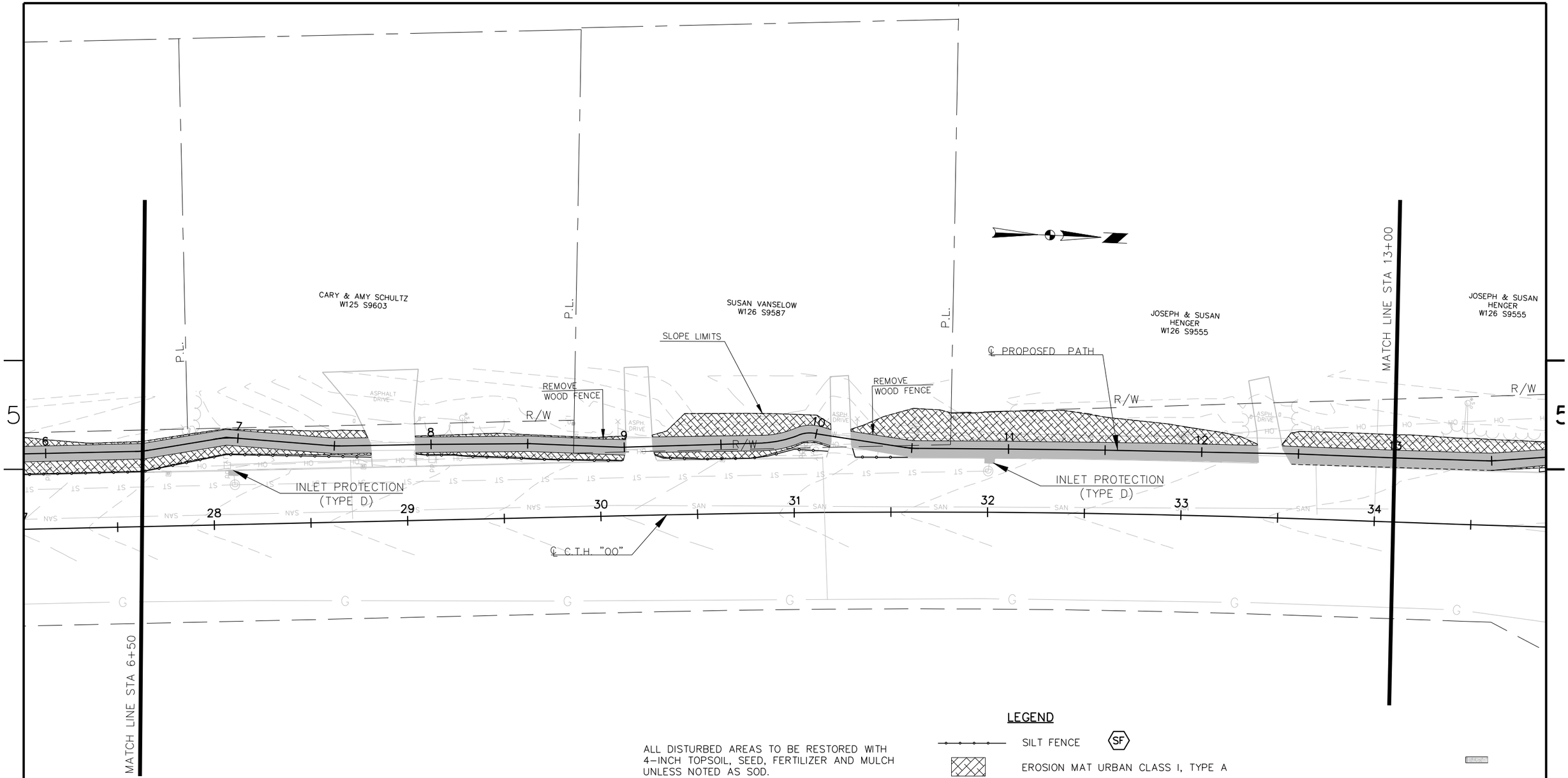
ALL DISTURBED AREAS TO BE RESTORED WITH 4-INCH TOPSOIL, SEED, FERTILIZER AND MULCH UNLESS NOTED AS SOD.

LEGEND

- SILT FENCE (SF)
- EROSION MAT URBAN CLASS I, TYPE A
- DIRECTION OF FLOW

PROJECT NO: PATH	HWY: OO	COUNTY: WAUKESHA	EROSION CONTROL PLAN	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH OO (HWY 36 TO DURHAM RD\ACAD\PLANS\022001-EC.DWG PLOT DATE : 6/1/2016 2:42 PM PLOT BY : MAYER, JASON PLOT SCALE : 1" = 50'



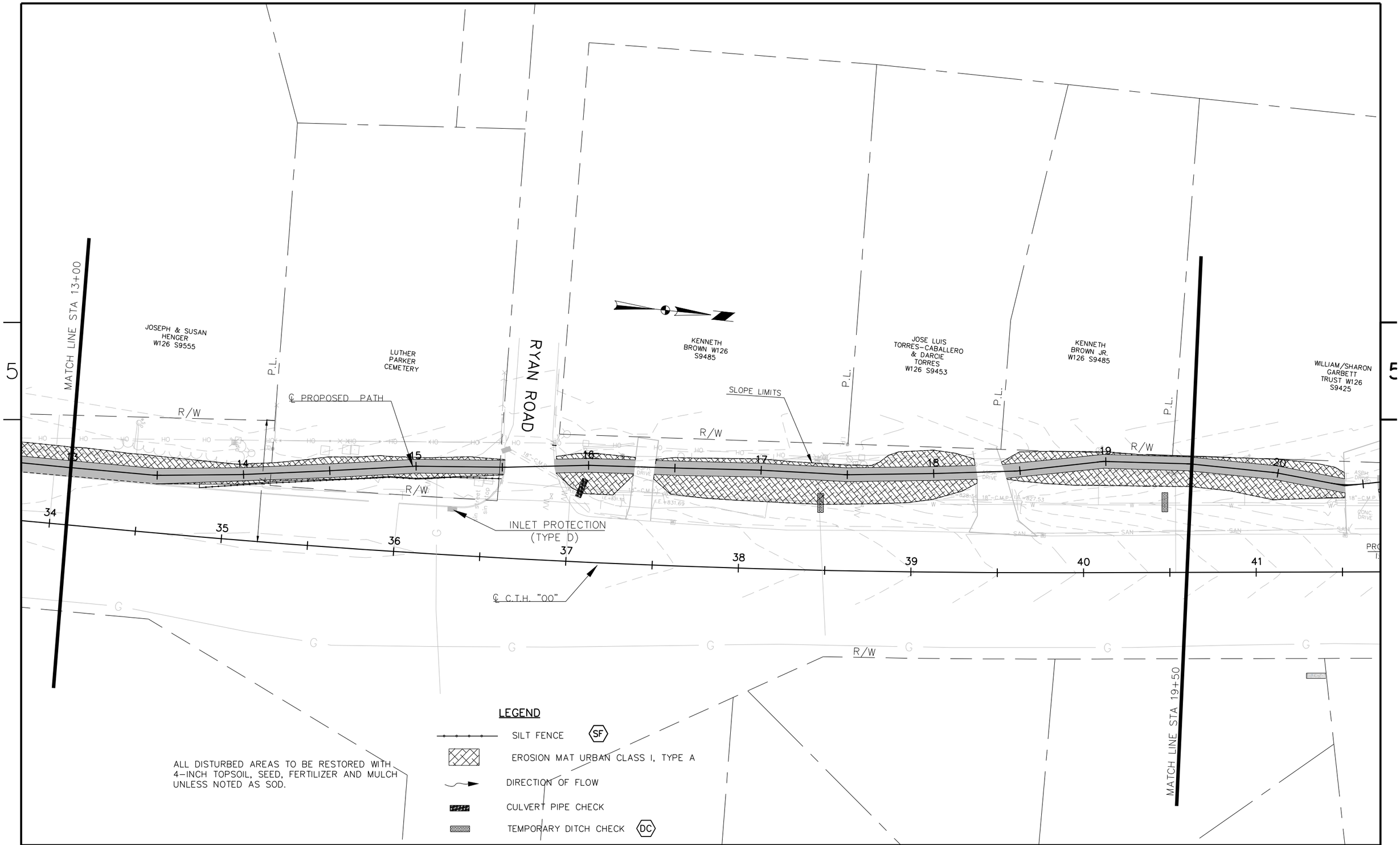
ALL DISTURBED AREAS TO BE RESTORED WITH 4-INCH TOPSOIL, SEED, FERTILIZER AND MULCH UNLESS NOTED AS SOD.

LEGEND

- SILT FENCE (SF)
- EROSION MAT URBAN CLASS I, TYPE A
- DIRECTION OF FLOW

PROJECT NO: PATH	**HWY:** OO	**COUNTY: WAUKESHA**	EROSION CONTROL PLAN	**SHEET** E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH OO (HWY 36 TO DURHAM RD\ACAD\PLANS\022001-EC.DWG PLOT DATE : 6/7/2016 3:25 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=50'



PROJECT NO: PATH	HWY: OO	COUNTY: WAUKESHA	EROSION CONTROL PLAN	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH OO (HWY 36 TO DURHAM RD\ACAD\PLANS\022001-EC.DWG PLOT DATE : 6/1/2016 2:42 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=50'

KENNETH BROWN JR. W126 S9485

WILLIAM/SHARON GARBETT TRUST W126 S9425

MARSHALL HECKER W126 S9397

EDWIN & LISA DUMKE 28730 SUNFLOWER LN.

DONALD & GAIL MILLER W126 S9349

JAMES & W W126

P.L.

℄ PROPOSED PATH

R/W

REMOVE CULVERT

SLOPE LIMITS

PROP. 24'-18" HDPE I.E.=805.80'

I.E.=806.50'

REMOVE CUL

PROP.-18" HDPE I.E.=820.00'

PROP.-INLET STA. 21+90 RIM=820.15'

PROP. 235.0'- 18" HDPE

PROP. M.H. RIM=815.00' I.E. (N) 808.82' I.E. (S) 812.40'

PROP. 122.0'- 18" HDPE

PROP. 18" HDPE I.E.=807.60'

PROP. 57.0'-18" HDPE

PROP. M.H. RIM=807.70' I.E. (N) 805.50' I.E. (S) 805.50' I.E. (E) 804.80' (EX. 24" CMP)

℄ C.T.H. "OO"

MATCH LINE STA 19+50

MATCH LINE STA 26+00

40 41 42 43 44 45 46 47

19 20 21 22 23 24 25 26

ALL DISTURBED AREAS TO BE RESTORED WITH 4-INCH TOPSOIL, SEED, FERTILIZER AND MULCH UNLESS NOTED AS SOD.

LEGEND

- SILT FENCE (SF)
- EROSION MAT URBAN CLASS I, TYPE A
- DIRECTION OF FLOW
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK (DC)

PROJECT NO: PATH	HWY: OO	COUNTY: WAUKESHA	EROSION CONTROL PLAN	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH OO (HWY 36 TO DURHAM RD\ACAD\PLANS\022001-EC.DWG PLOT DATE : 6/1/2016 2:42 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=50'

DONALD & GAIL MILLER
W126 S9349

JAMES & THERESA
WELLS
W126 S9331

MARK DAHLMAN & PATRICA COLLINS
W126 S9317

RICHARD & KATHLEEN PATTERSON
W126 S9205

P.L.

℄ PROPOSED PATH

INLET PROTECTION
(TYPE D)

SLOPE LIMITS

REMOVE CULVERT

PROP. 24'-18" HDPE
I.E.=805.80'

I.E.=806.50'

PROP. 57.0'-18" HDPE

PROP.-18" HDPE
I.E.=804.00'

PROP. INLET
RIM=805.25'

PROP. INLET
RIM=804.60'

PROP. 417'-18" HDPE

PROP. CONC. FLUME

PROP. M.H.
RIM=808.15'
I.E. (E&W) 799.7+-'

PROP. M.H.
RIM=807.70'
I.E. (N) 805.50'
I.E. (S) 805.50'
I.E. (E) 804.80' (EX. 24" CMP)

℄ C.T.H. "OO"

R/W

MATCH LINE STA 26+00

MATCH LINE STA 32+50

26 27 28 29 30 31 32

47 48 49 50 51 52 53

ALL DISTURBED AREAS TO BE RESTORED WITH
4-INCH TOPSOIL, SEED, FERTILIZER AND MULCH
UNLESS NOTED AS SOD.

LEGEND

- SILT FENCE (SF)
- EROSION MAT URBAN CLASS I, TYPE A
- DIRECTION OF FLOW
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK (DC)

PROJECT NO: PATH	HWY: OO	COUNTY: WAUKESHA	EROSION CONTROL PLAN	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL - CTH OO (HWY 36 TO DURHAM RD\ACAD\PLANS\022001-EC.DWG PLOT DATE : 6/1/2016 2:42 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=50'

B.M.
#9

INLET PROTECTION
(TYPE D)

RICHARD & KATHLEEN PATTERSON
W126 S9205

WAYNE & CHRYSA DELIKAT
W127 S9189

℄ PROPOSED PATH

P.L.

PROP. M.H.
RIM=813.30'
I.E. 18" (N) 811.00'
I.E. 18" (S) 810.43' (EXIST.)

PROP. 15'- 18" HDPE
I.E.=811.30'

SLOPE LIMITS

R/W

REMOVE CURB

PROP. CURB & GUTTER

℄ C.T.H. "OO"

32 33 34 35 36 37 38 39

7+-' 53 54 55 56 57 58 59 60

MATCH LINE STA 32+50

MATCH LINE STA 39+00

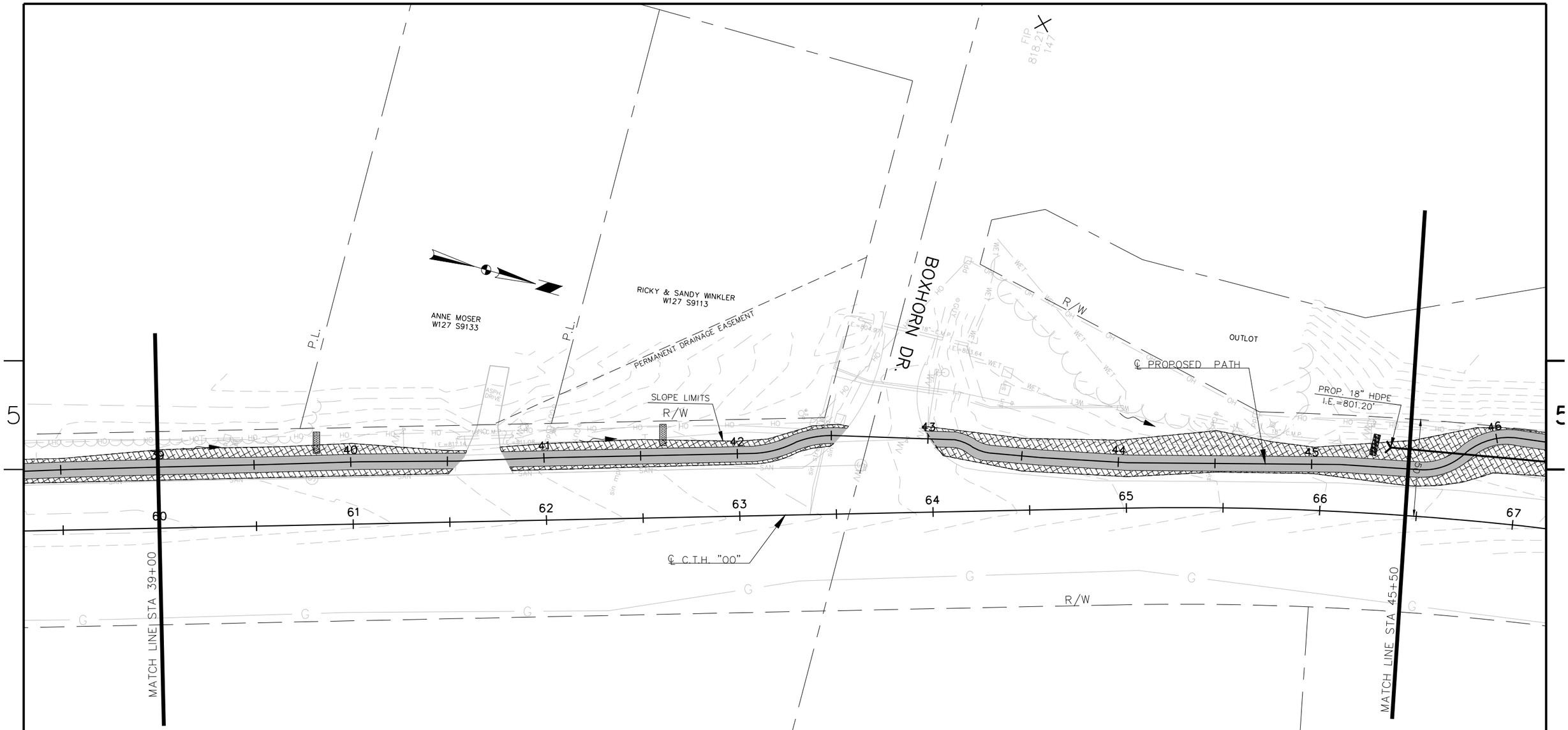
ALL DISTURBED AREAS TO BE RESTORED WITH
4-INCH TOPSOIL, SEED, FERTILIZER AND MULCH
UNLESS NOTED AS SOD.

LEGEND

- SILT FENCE (SF)
- EROSION MAT URBAN CLASS I, TYPE A
- DIRECTION OF FLOW
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK (DC)

PROJECT NO: PATH	HWY: OO	COUNTY: WAUKESHA	EROSION CONTROL PLAN	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL - CTH OO (HWY 36 TO DURHAM RD\ACAD\PLANS\022001-EC.DWG PLOT DATE : 6/1/2016 2:42 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=50'



LEGEND

- SILT FENCE (SF)
- EROSION MAT URBAN CLASS I, TYPE A
- DIRECTION OF FLOW
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK (DC)

ALL DISTURBED AREAS TO BE RESTORED WITH 4-INCH TOPSOIL, SEED, FERTILIZER AND MULCH UNLESS NOTED AS SOD.

PROJECT NO: PATH	HWY: OO	COUNTY: WAUKESHA	EROSION CONTROL PLAN	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH OO (HWY 36 TO DURHAM RD\ACAD\PLANS\022001-EC.DWG PLOT DATE : 6/1/2016 2:42 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=50'

BOXHORN RESERVE SUBD.
OUTLOT 1

LOT 1
ASTOR HILLS ESTATES

℄ PROPOSED PATH

SLOPE LIMITS

PROP. 18" HDPE
I.E.=801.20'

PROP. 18" HDPE
I.E.=798.50'

PROP. 18" HDPE
I.E.=798.50'

PROP. 185'-18" HDPE

PROP. INLET
RIM=801.70'

PROP. 203'-18" HDPE

PROP. 18" HDPE
I.E.=802.75'

℄ C.T.H. "OO"

MATCH LINE STA 45+50

R/W

P.L.

45 46 47 48 49 49

66 67 68 69 70 71 72 73

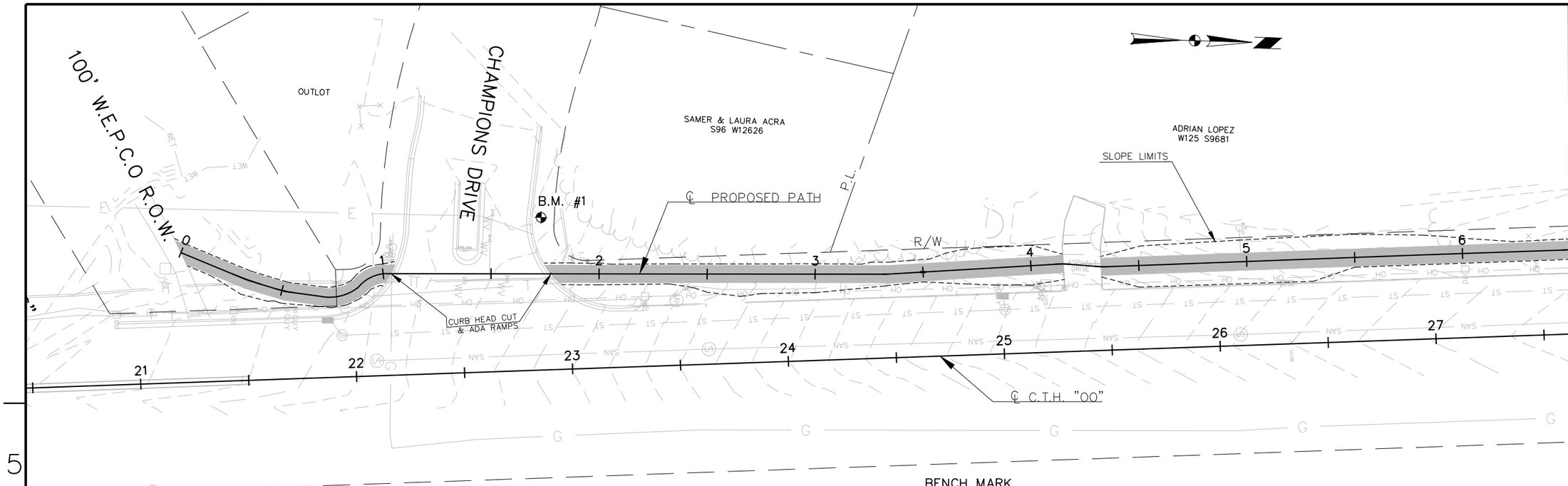
LEGEND

- SILT FENCE (SF)
- EROSION MAT URBAN CLASS I, TYPE A
- DIRECTION OF FLOW
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK (DC)

ALL DISTURBED AREAS TO BE RESTORED WITH 4-INCH TOPSOIL, SEED, FERTILIZER AND MULCH UNLESS NOTED AS SOD.

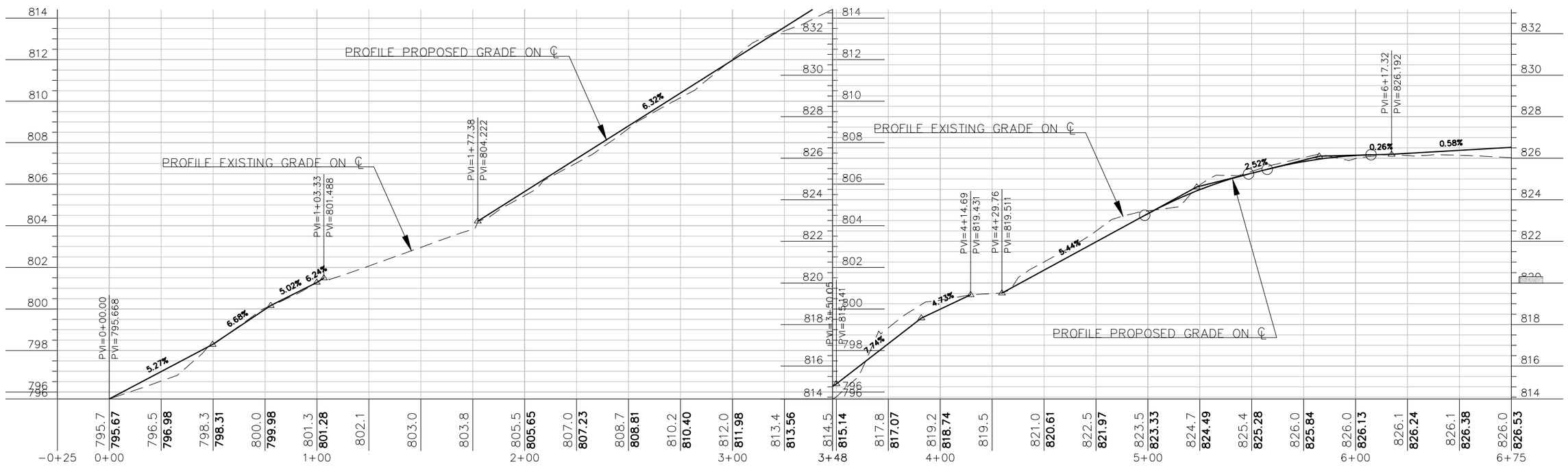
PROJECT NO: PATH	HWY: OO	COUNTY: WAUKESHA	EROSION CONTROL PLAN	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH OO (HWY 36 TO DURHAM RD\ACAD\PLANS\022001-EC.DWG PLOT DATE : 6/1/2016 2:42 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=50'



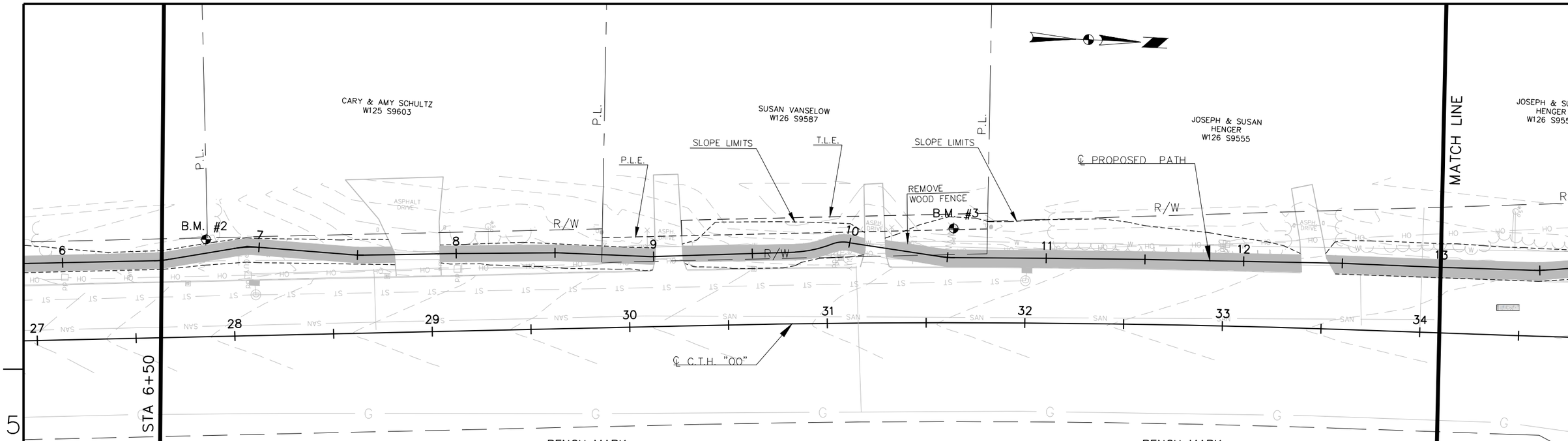
BENCH MARK

NO.	LOCATION	DESCRIPTION	ELEV.
1	1+72.85, 26.0' LT	HYDRANT – UPPER FLANGE BOLT W/ FLAG	804.49



PROJECT NO: PATH	HWY: 00	COUNTY: WAUKESHA	PLAN AND PROFILE	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\050101-PP_JTM.DWG PLOT DATE : 6/7/2016 3:31 PM PLOT BY : MAYER, JASON PLOT SCALE : 1" = 50'

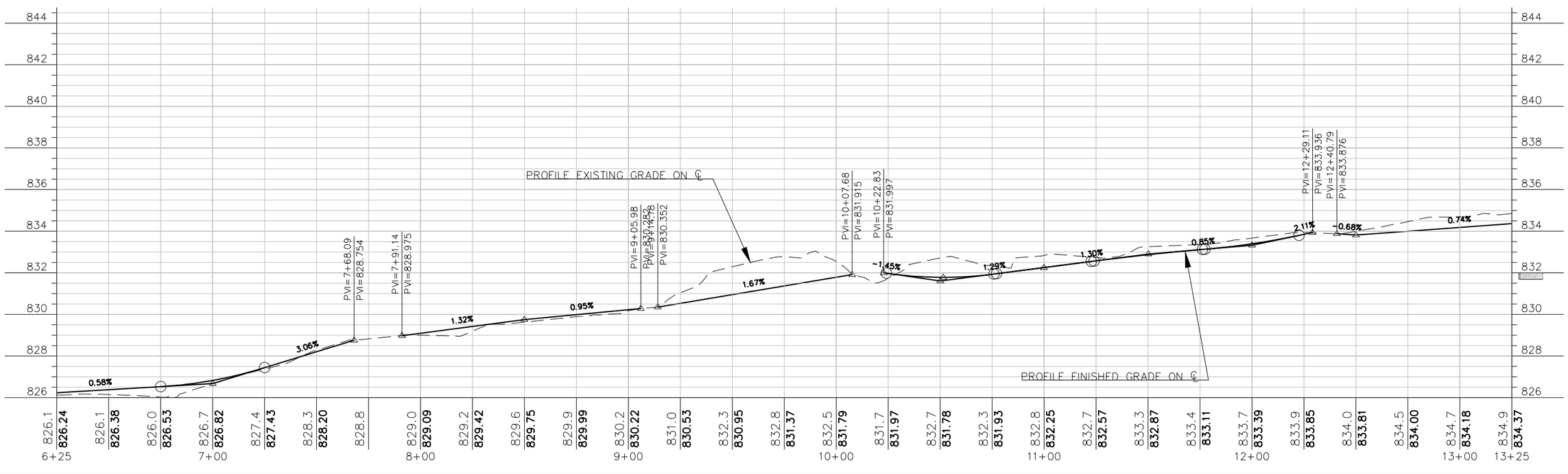


BENCH MARK

NO.	LOCATION	DESCRIPTION	ELEV.
2	6+74.15, 9.9' LT	HYDRANT – UPPER FLANGE BOLT W/ FLAG	828.37

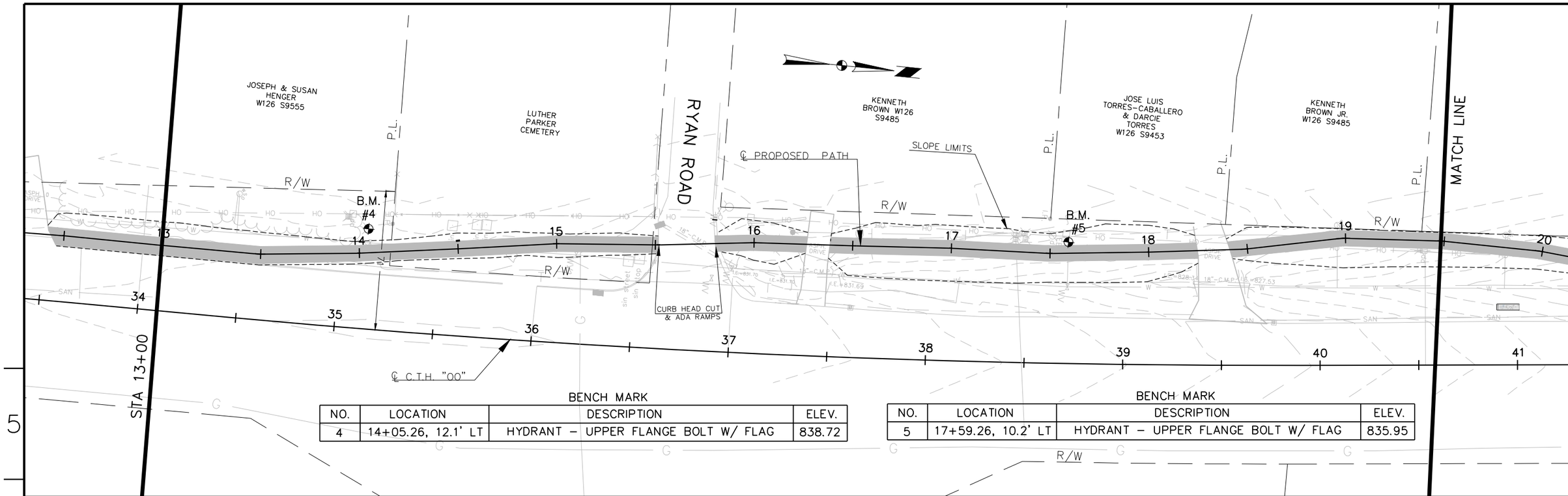
BENCH MARK

NO.	LOCATION	DESCRIPTION	ELEV.
3	10+53.18, 13.4' LT	HYDRANT – UPPER FLANGE BOLT W/ FLAG	837.34



PROJECT NO: PATH	HWY: OO	COUNTY: WAUKESHA	PLAN AND PROFILE	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH OO (HWY 36 TO DURHAM RD\ACAD\PLANS\050101-PP_JTM.DWG PLOT DATE : 6/7/2016 3:30 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=50'

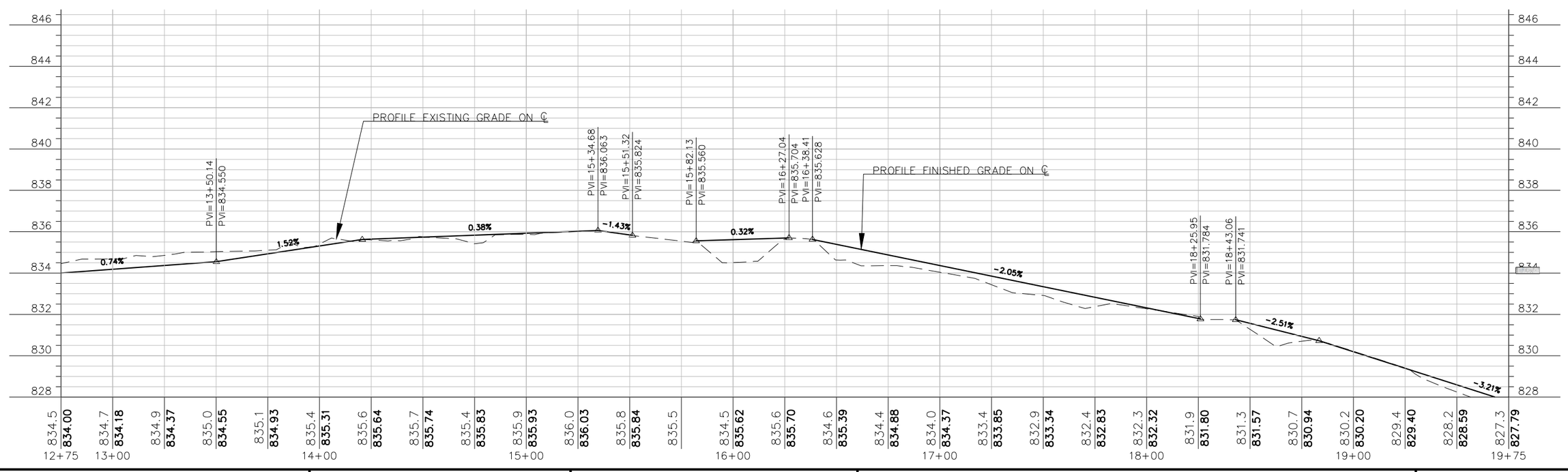


BENCH MARK

NO.	LOCATION	DESCRIPTION	ELEV.
4	14+05.26, 12.1' LT	HYDRANT – UPPER FLANGE BOLT W/ FLAG	838.72

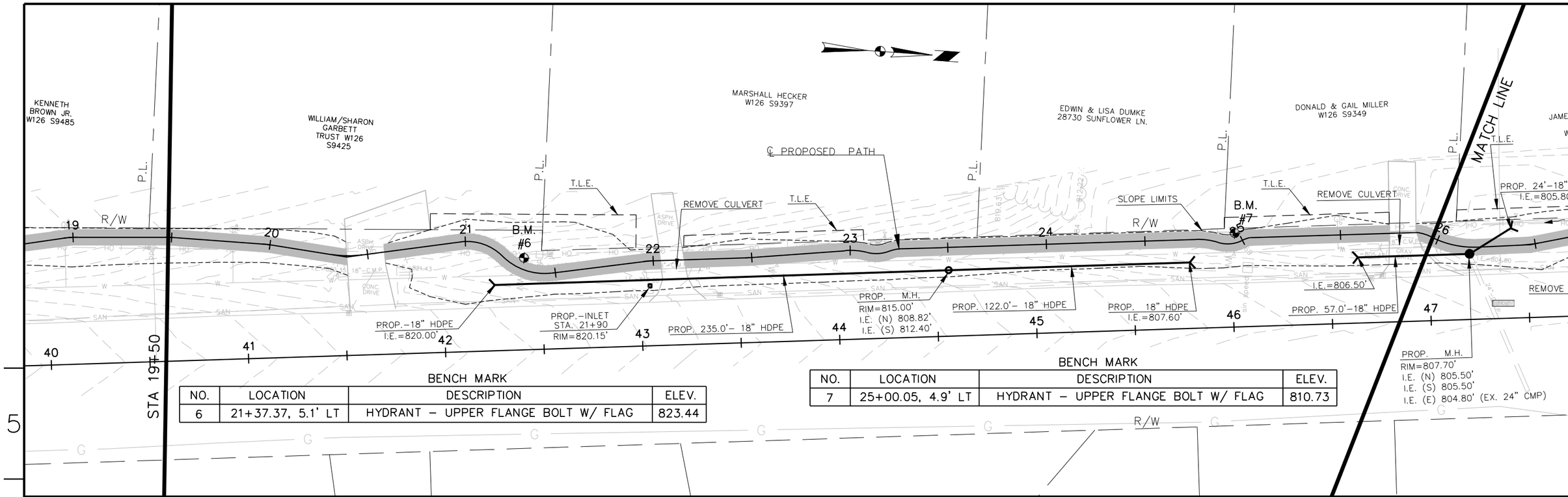
BENCH MARK

NO.	LOCATION	DESCRIPTION	ELEV.
5	17+59.26, 10.2' LT	HYDRANT – UPPER FLANGE BOLT W/ FLAG	835.95



PROJECT NO: PATH	HWY: OO	COUNTY: WAUKESHA	PLAN AND PROFILE	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH OO (HWY 36 TO DURHAM RD\ACAD\PLANS\050101-PP_JTM.DWG PLOT DATE : 6/7/2016 3:29 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=50'

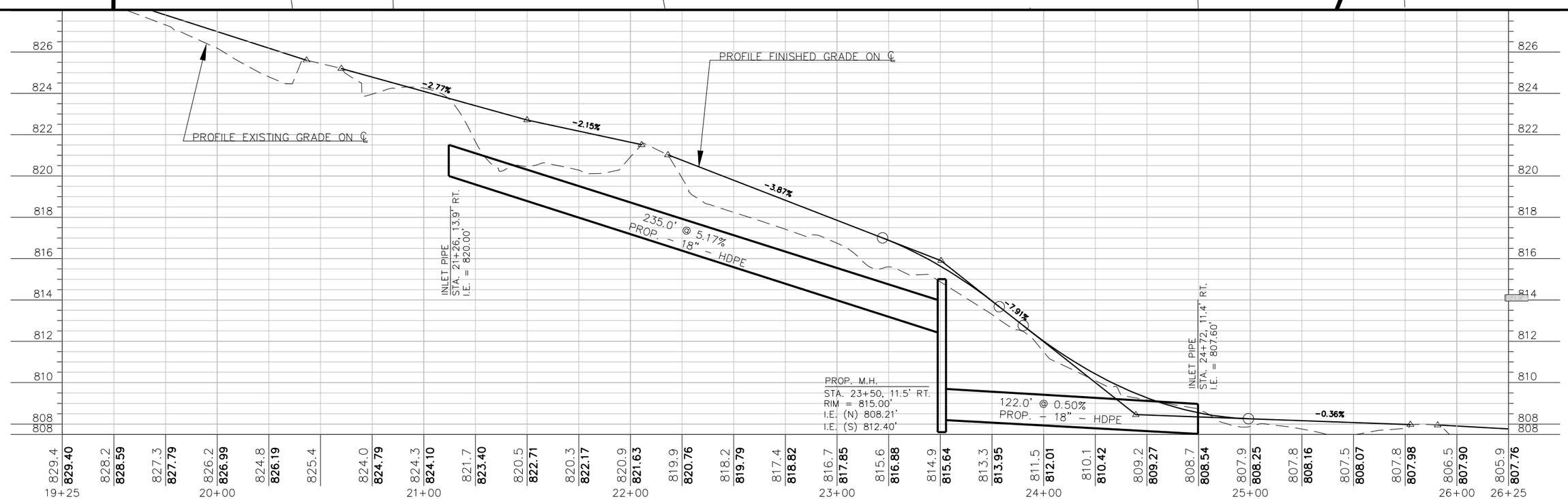


BENCH MARK

NO.	LOCATION	DESCRIPTION	ELEV.
6	21+37.37, 5.1' LT	HYDRANT – UPPER FLANGE BOLT W/ FLAG	823.44

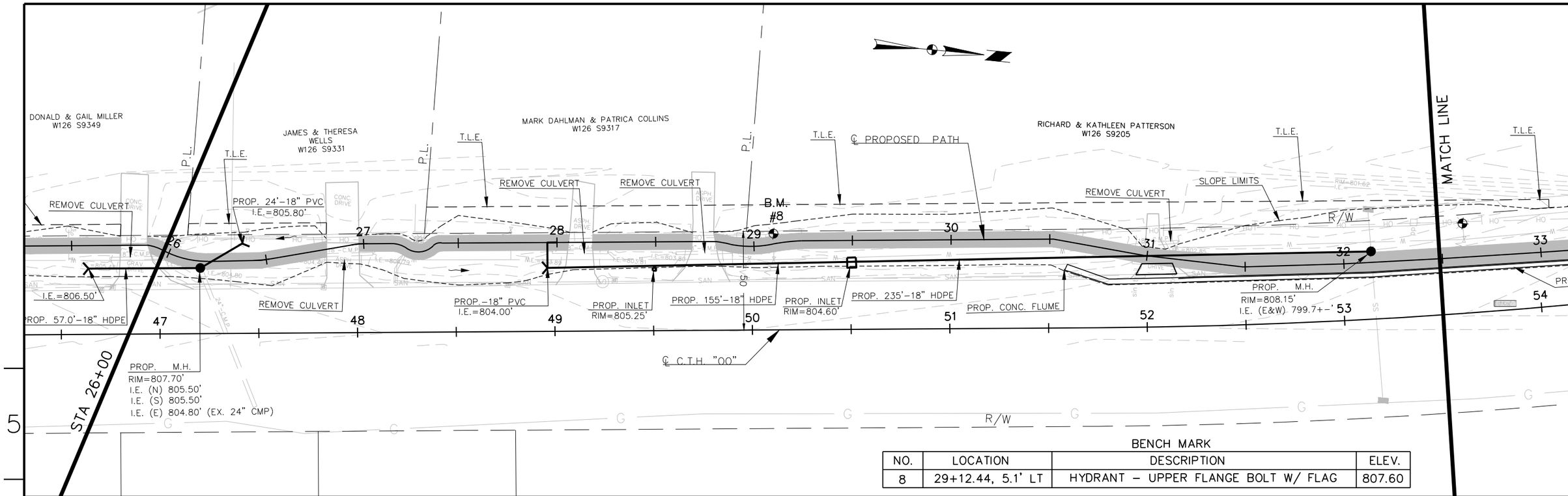
BENCH MARK

NO.	LOCATION	DESCRIPTION	ELEV.
7	25+00.05, 4.9' LT	HYDRANT – UPPER FLANGE BOLT W/ FLAG	810.73



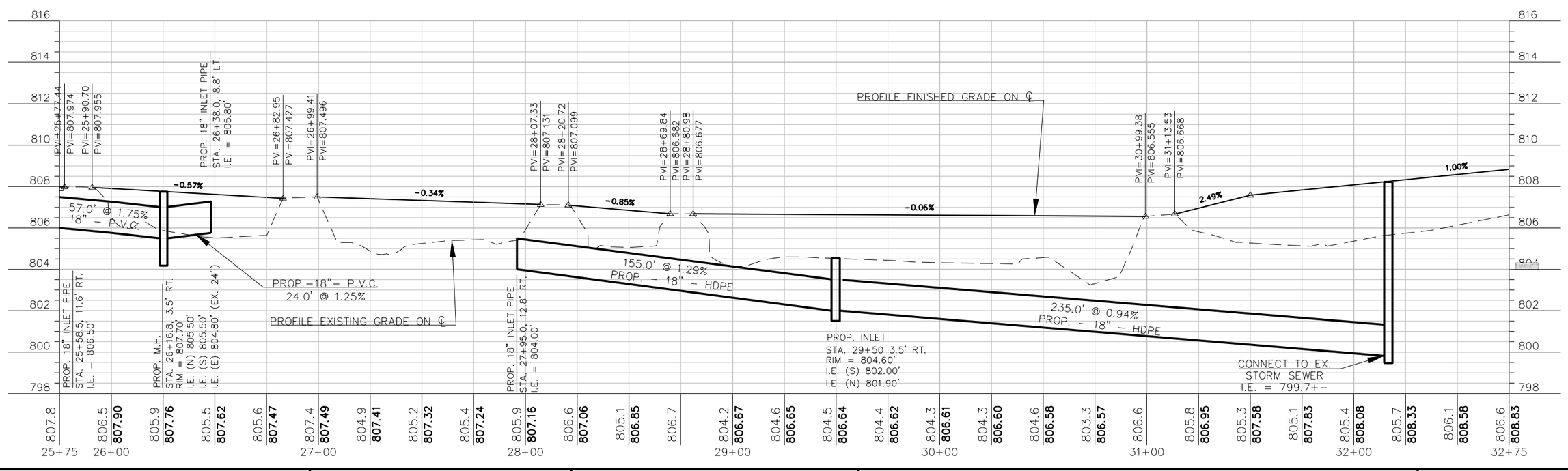
PROJECT NO: PATH	HWY: 00	COUNTY: WAUKESHA	PLAN AND PROFILE	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\050101-PP_JTM.DWG PLOT DATE : 6/1/2016 2:43 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=50'



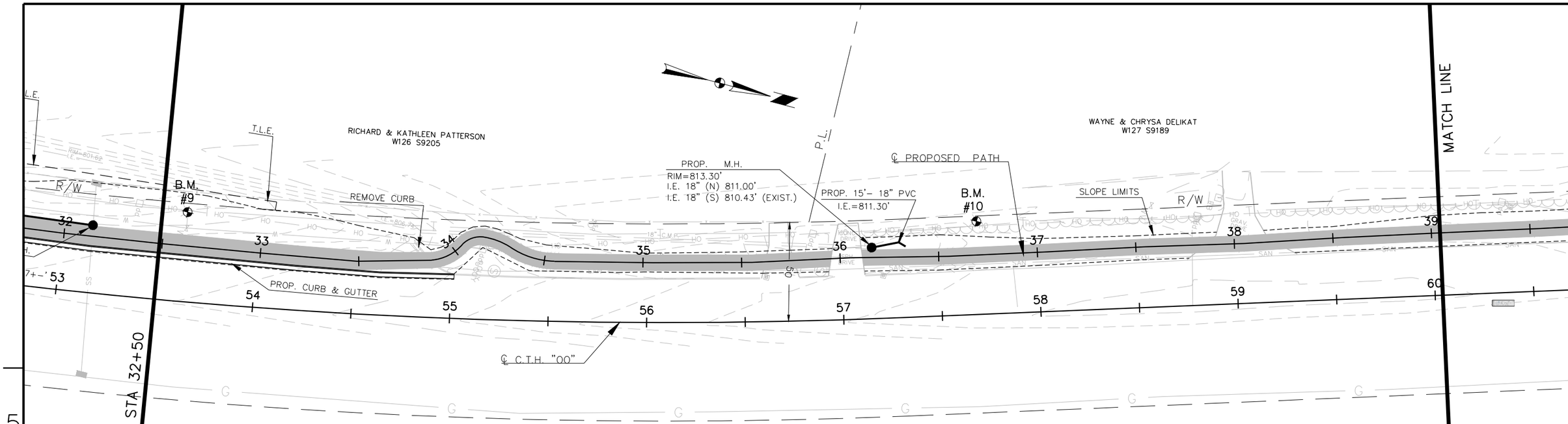
BENCH MARK

NO.	LOCATION	DESCRIPTION	ELEV.
8	29+12.44, 5.1' LT	HYDRANT – UPPER FLANGE BOLT W/ FLAG	807.60



PROJECT NO: PATH	HWY: OO	COUNTY: WAUKESHA	PLAN AND PROFILE	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH OO (HWY 36 TO DURHAM RD\ACAD\PLANS\050101-PP_JTM.DWG PLOT DATE : 6/1/2016 2:43 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=50'

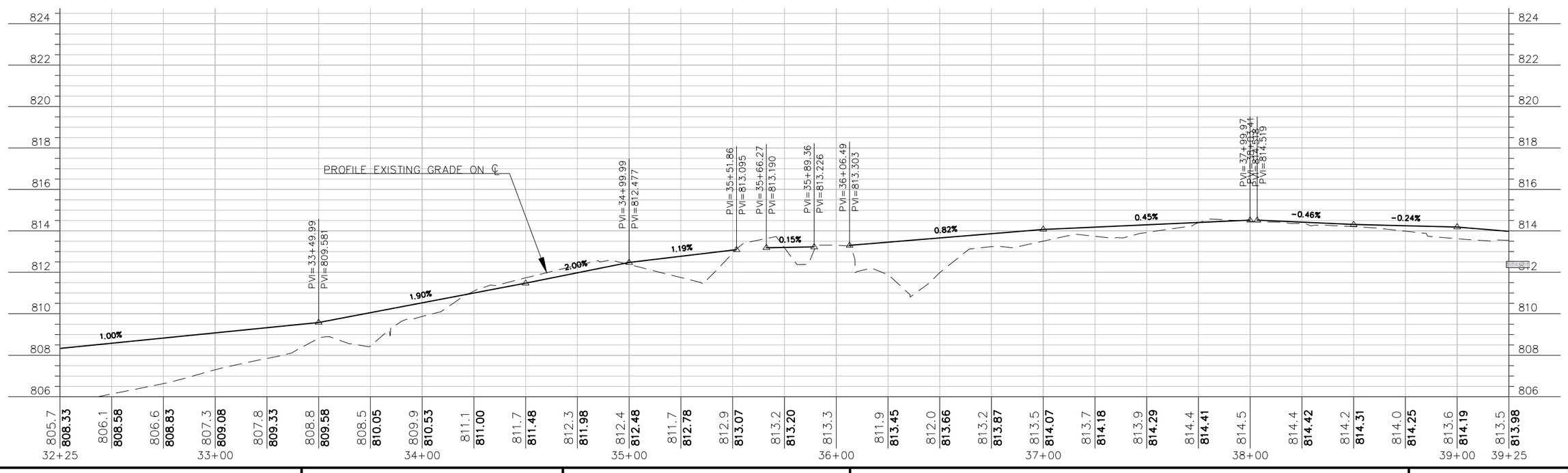


BENCH MARK

NO.	LOCATION	DESCRIPTION	ELEV.
9	32+62.69, 13.1' LT	HYDRANT – UPPER FLANGE BOLT W/ FLAG	805.97

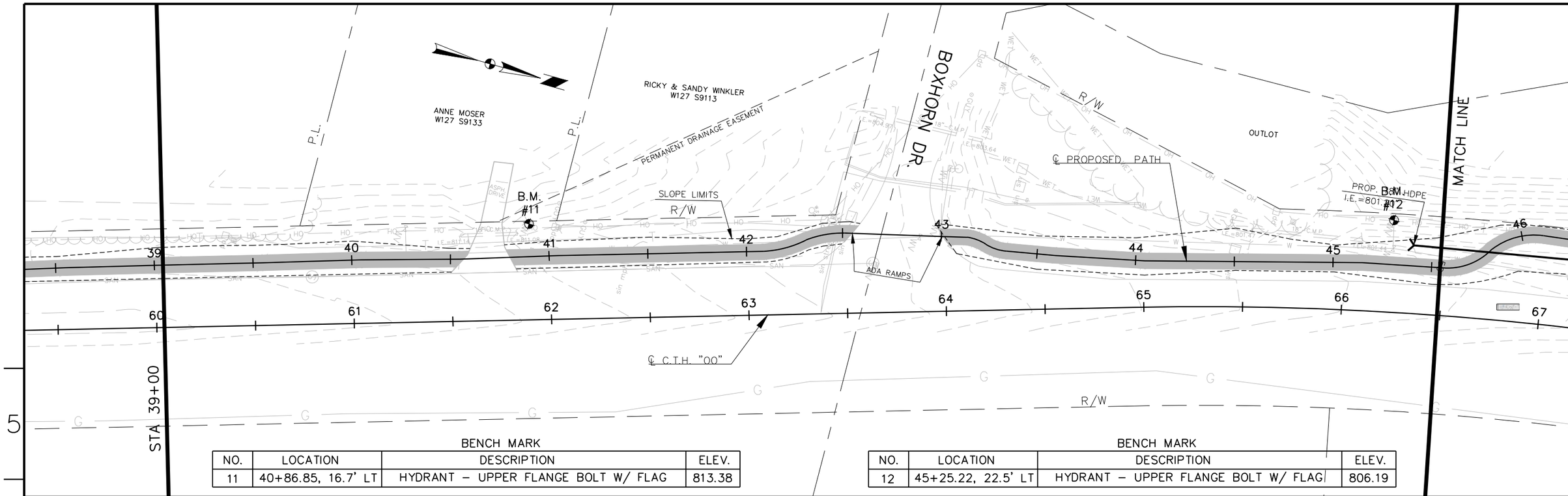
BENCH MARK

NO.	LOCATION	DESCRIPTION	ELEV.
10	36+65.44, 18.3' LT	HYDRANT – UPPER FLANGE BOLT W/ FLAG	815.81



PROJECT NO: PATH	HWY: OO	COUNTY: WAUKESHA	PLAN AND PROFILE	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH OO (HWY 36 TO DURHAM RD\ACAD\PLANS\050101-PP_JTM.DWG PLOT DATE : 6/1/2016 2:43 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=50'

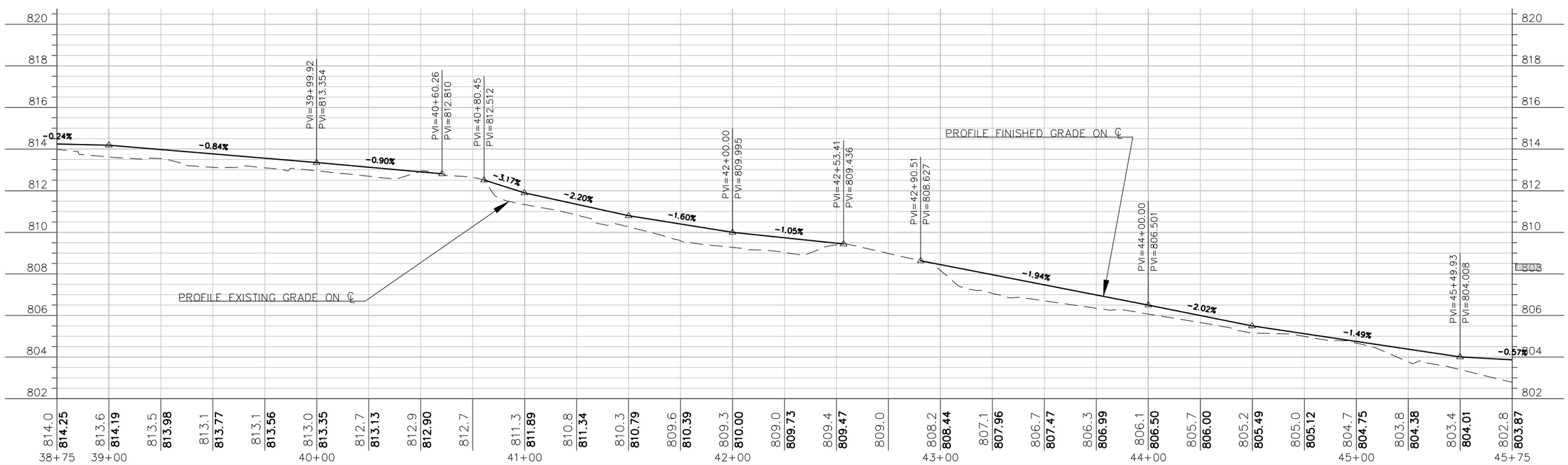


BENCH MARK

NO.	LOCATION	DESCRIPTION	ELEV.
11	40+86.85, 16.7' LT	HYDRANT – UPPER FLANGE BOLT W/ FLAG	813.38

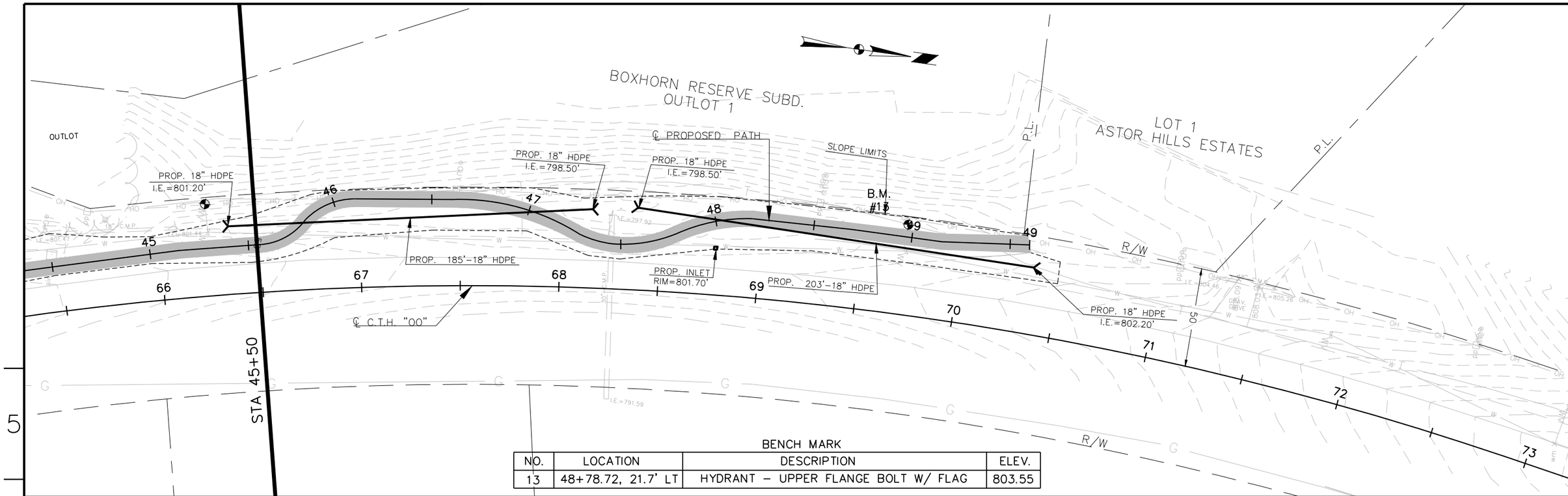
BENCH MARK

NO.	LOCATION	DESCRIPTION	ELEV.
12	45+25.22, 22.5' LT	HYDRANT – UPPER FLANGE BOLT W/ FLAG	806.19



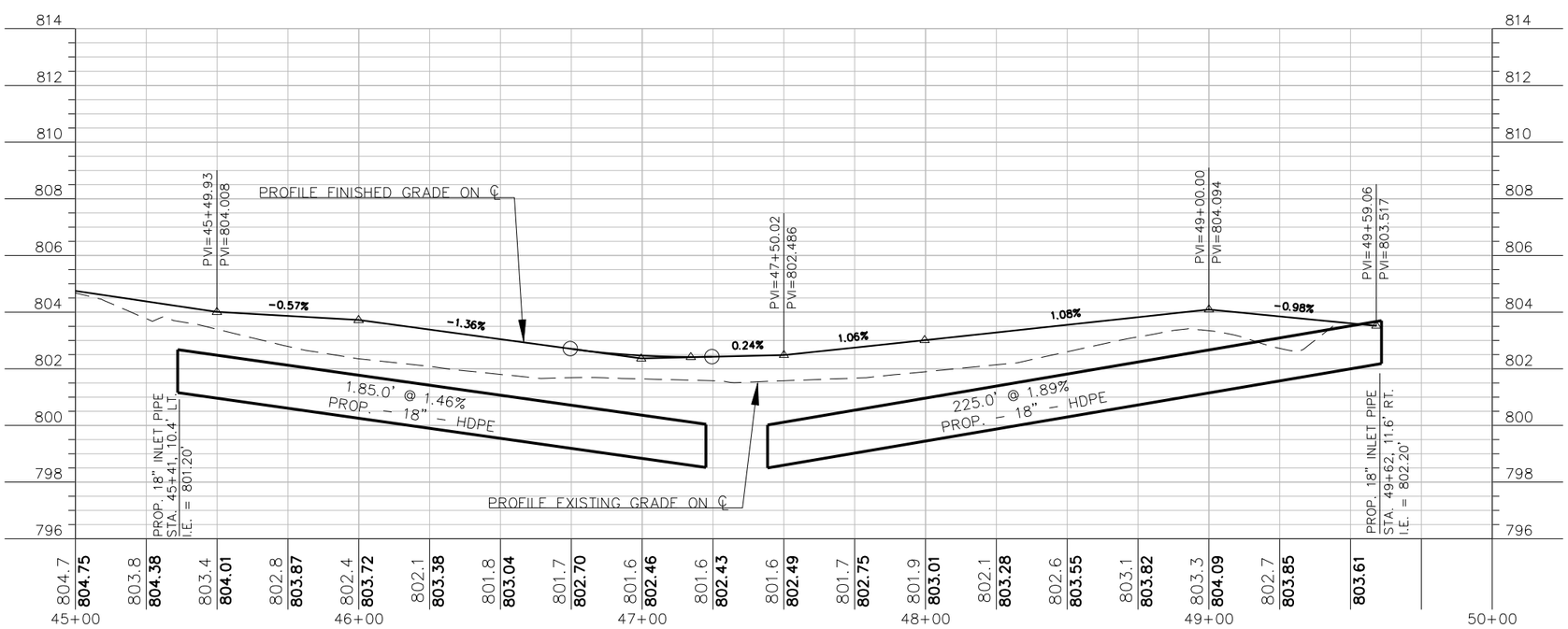
PROJECT NO: PATH	HWY: OO	COUNTY: WAUKESHA	PLAN AND PROFILE	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH OO (HWY 36 TO DURHAM RD\ACAD\PLANS\050101-PP_JTM.DWG PLOT DATE : 6/7/2016 3:27 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=50'



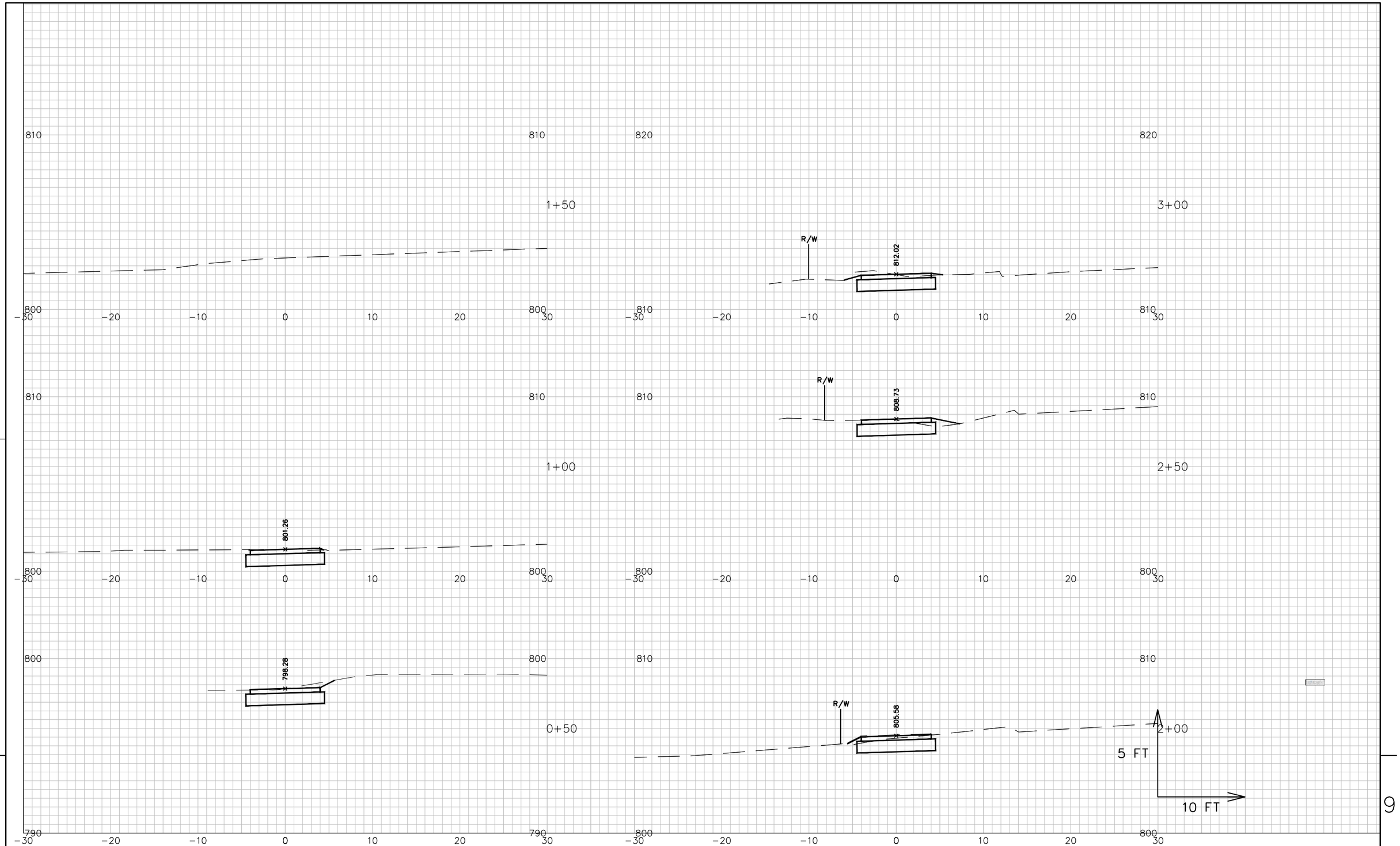
BENCH MARK

NO.	LOCATION	DESCRIPTION	ELEV.
13	48+78.72, 21.7' LT	HYDRANT – UPPER FLANGE BOLT W/ FLAG	803.55



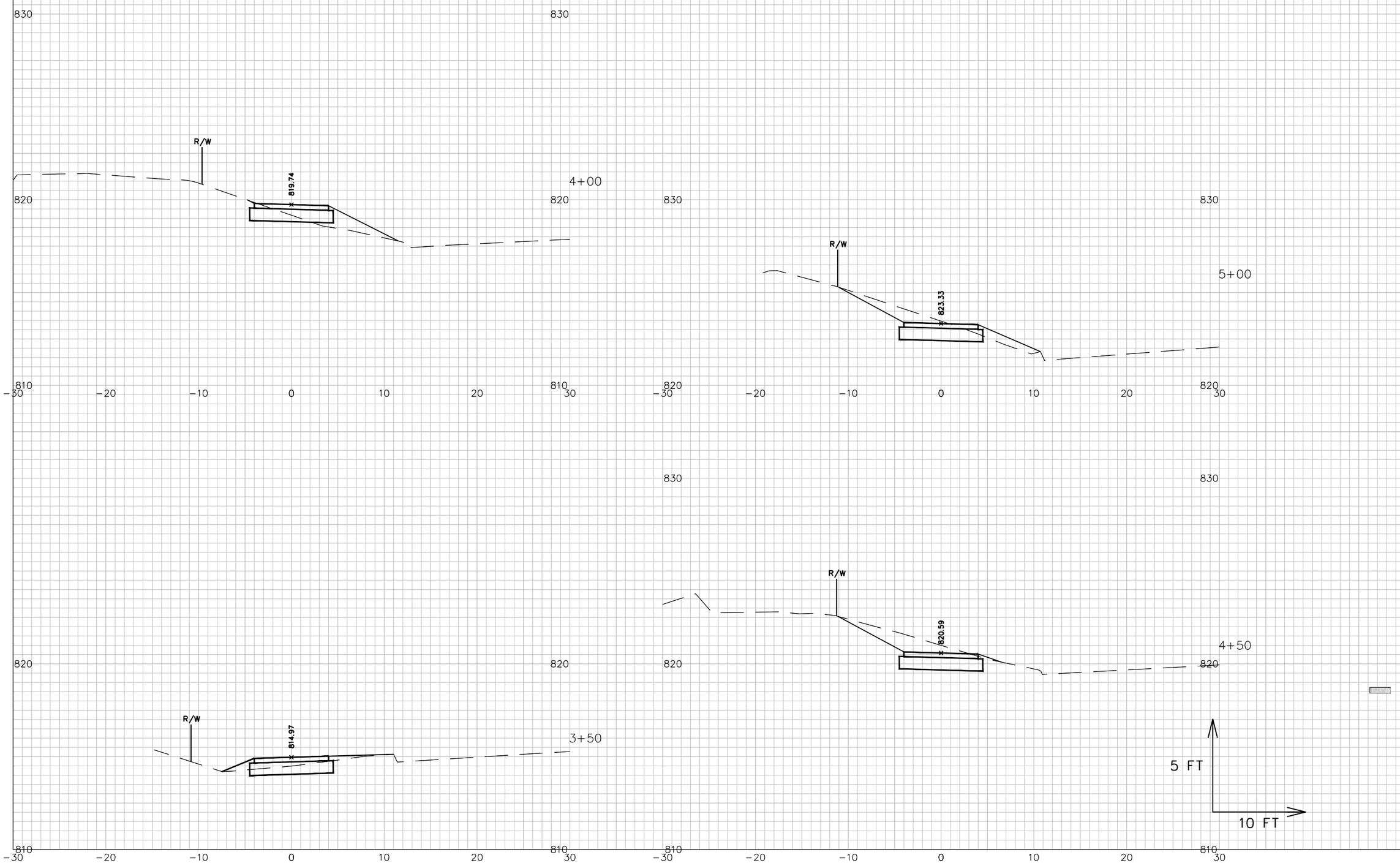
PROJECT NO: PATH	HWY: OO	COUNTY: WAUKESHA	PLAN AND PROFILE	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH OO (HWY 36 TO DURHAM RD\ACAD\PLANS\050101-PP_JTM.DWG PLOT DATE : 6/1/2016 2:43 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=50'



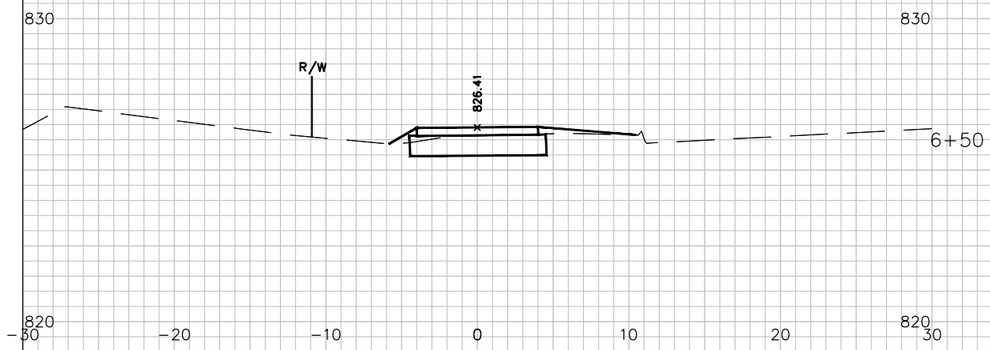
PROJECT NO:TRAIL	HWY:00	COUNTY:WAUKESHA	CROSS SECTIONS	SHEET	E

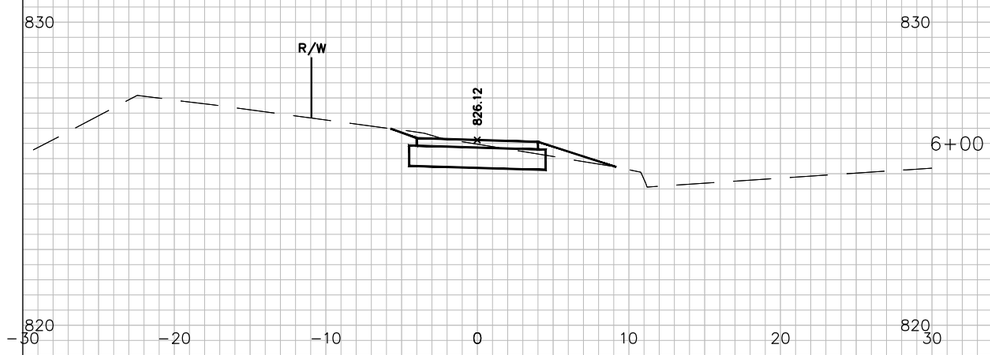
FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:44 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'

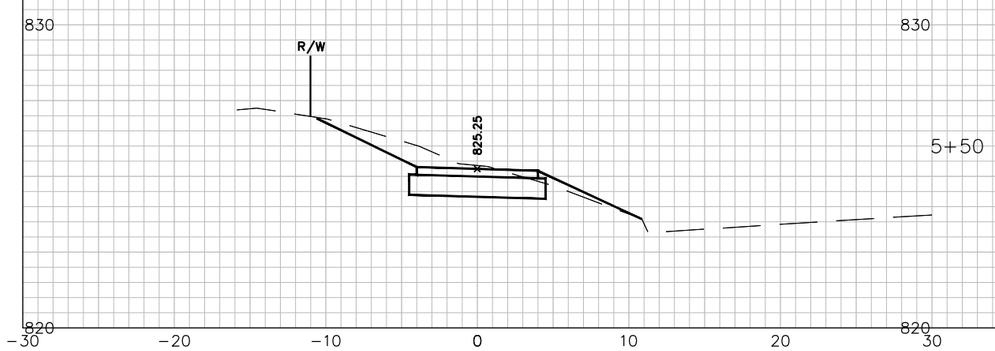


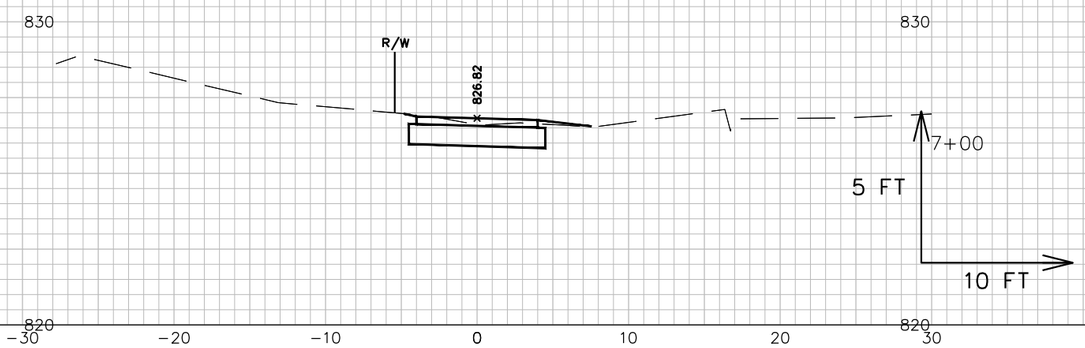
PROJECT NO: TRAIL	HWY: 00	COUNTY: WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:44 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'



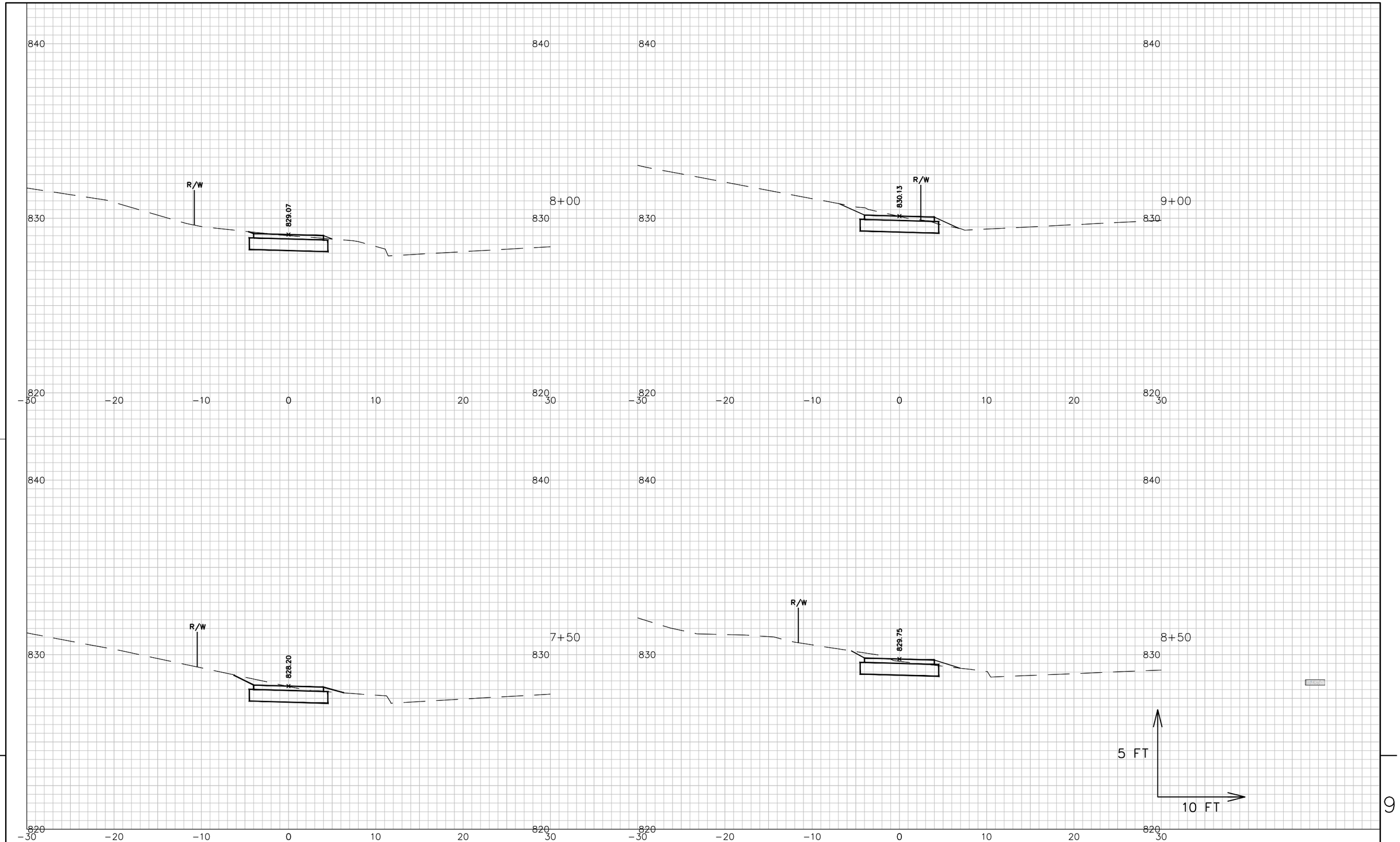






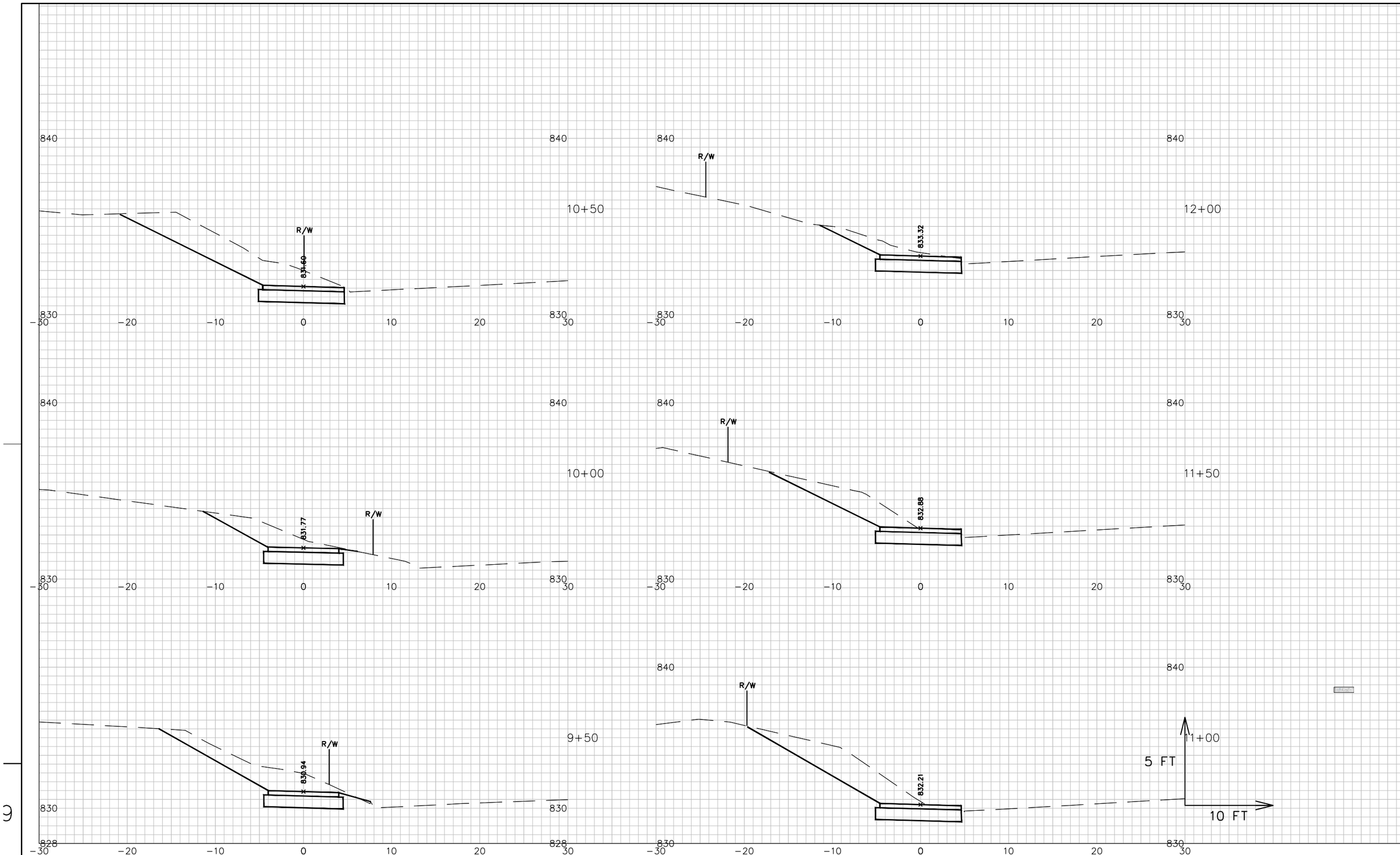
PROJECT NO:TRAIL	HWY:00	COUNTY:WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:45 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'



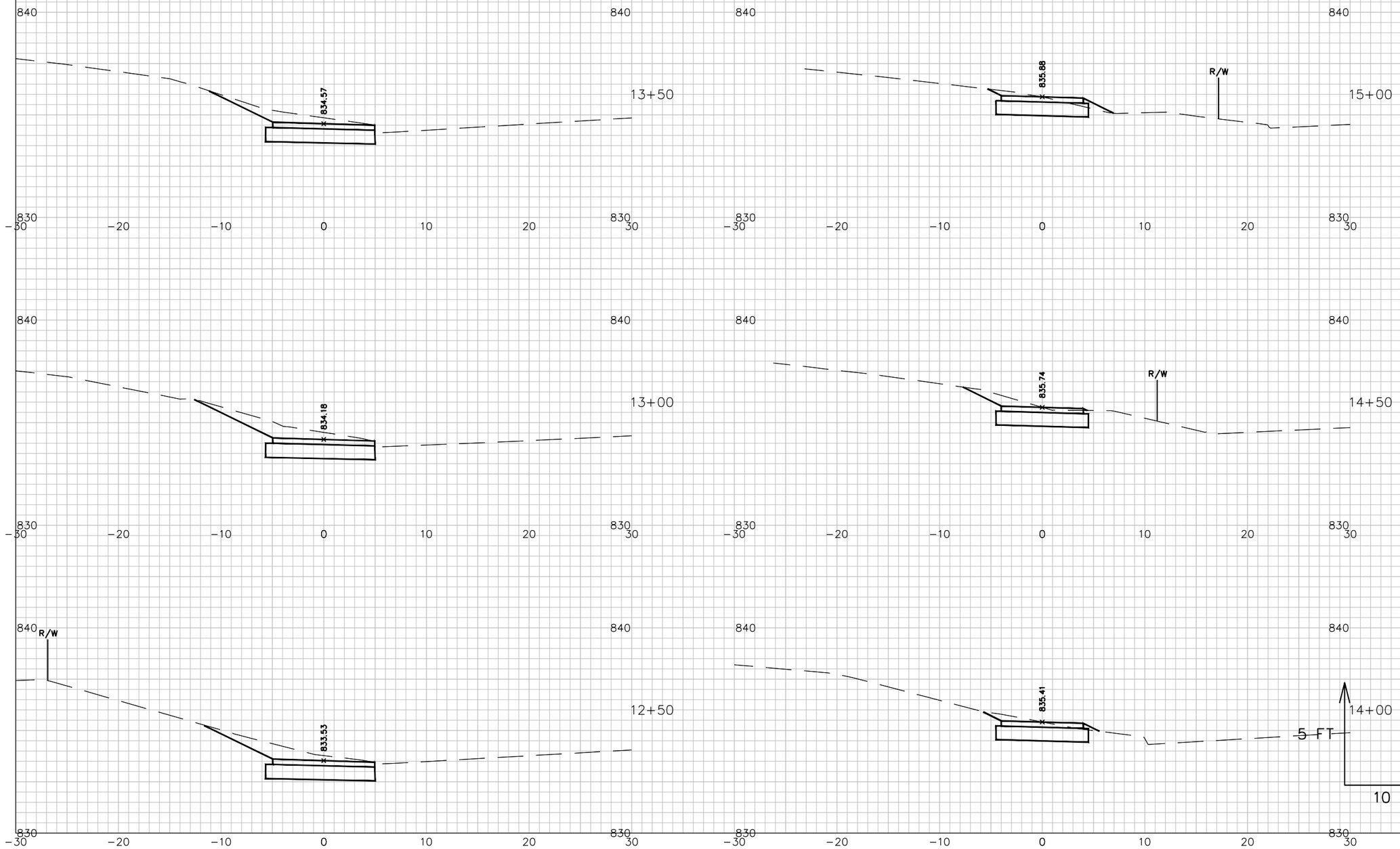
PROJECT NO: TRAIL	HWY: 00	COUNTY: WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:45 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'



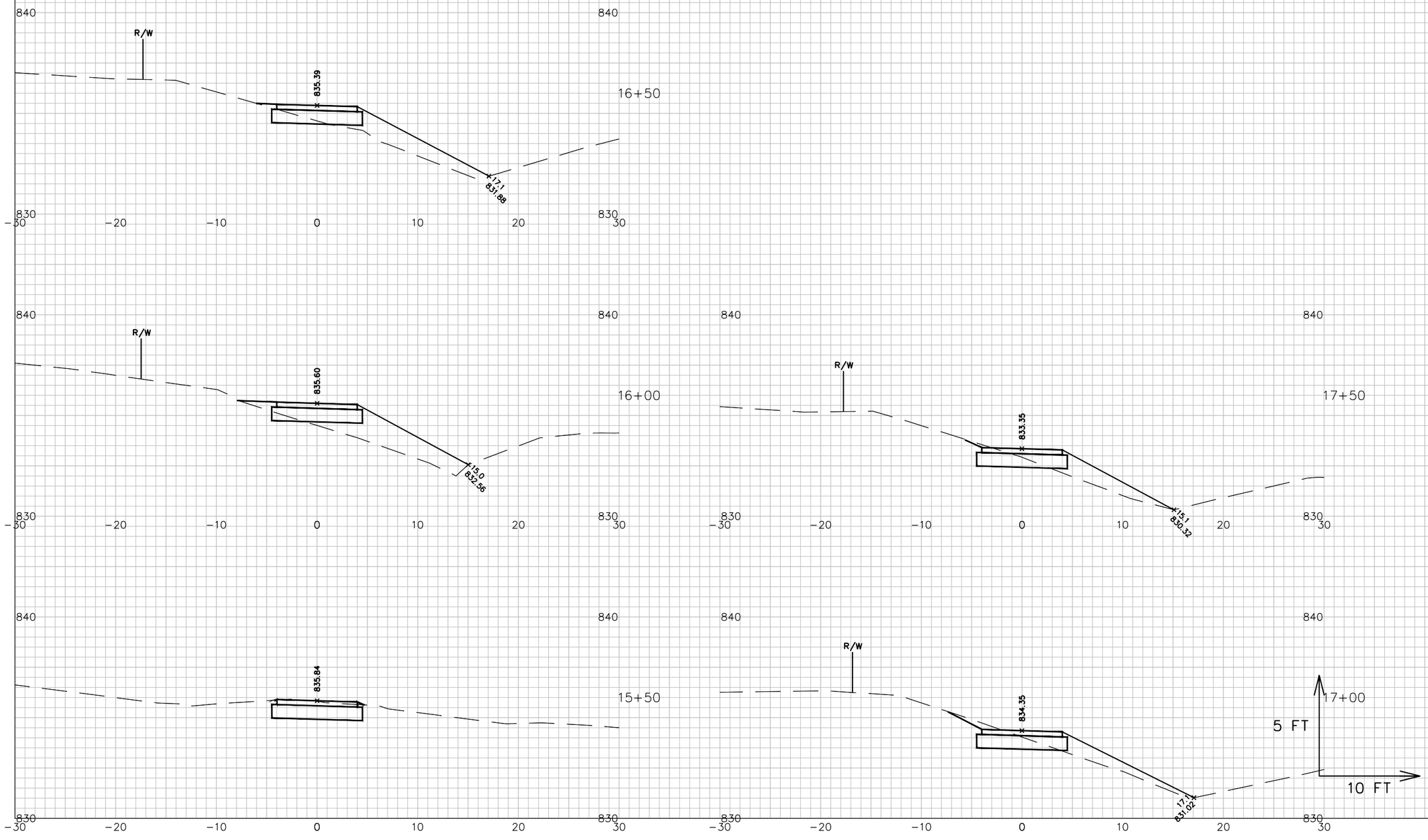
PROJECT NO: TRAIL	HWY: 00	COUNTY: WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL - CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:45 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'



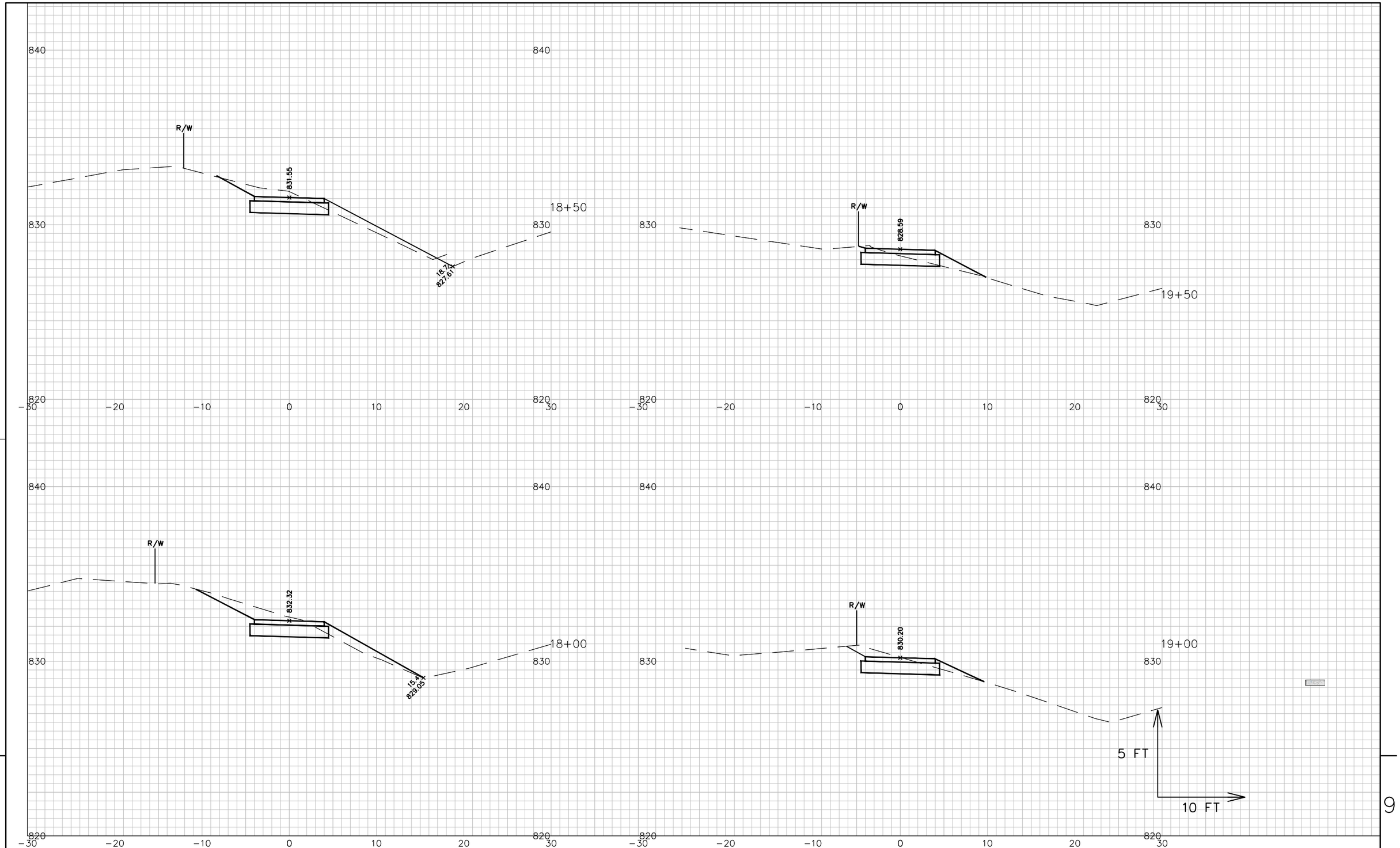
PROJECT NO: TRAIL	HWY: 00	COUNTY: WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:45 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'



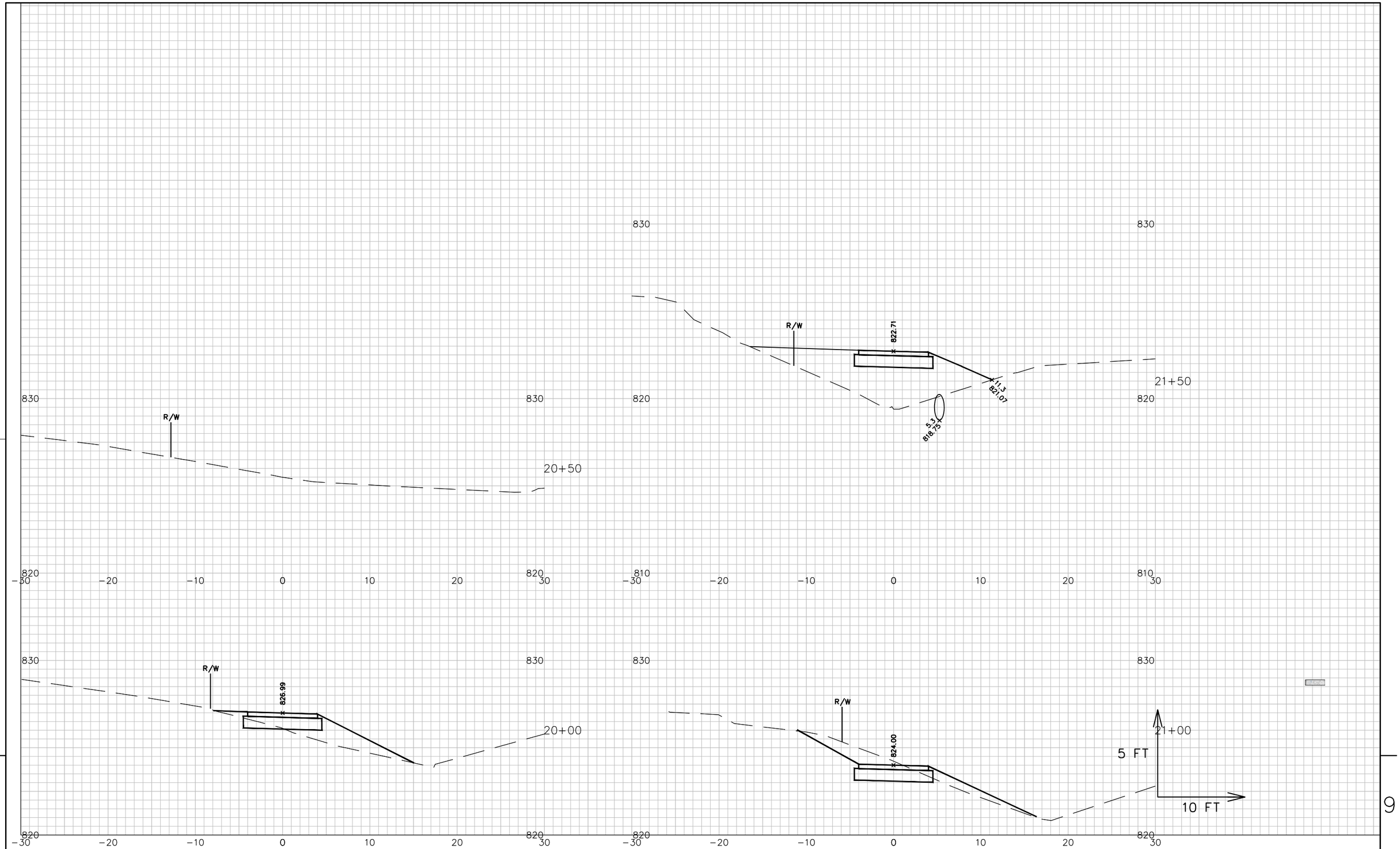
PROJECT NO: TRAIL	HWY: 00	COUNTY: WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL - CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:45 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'



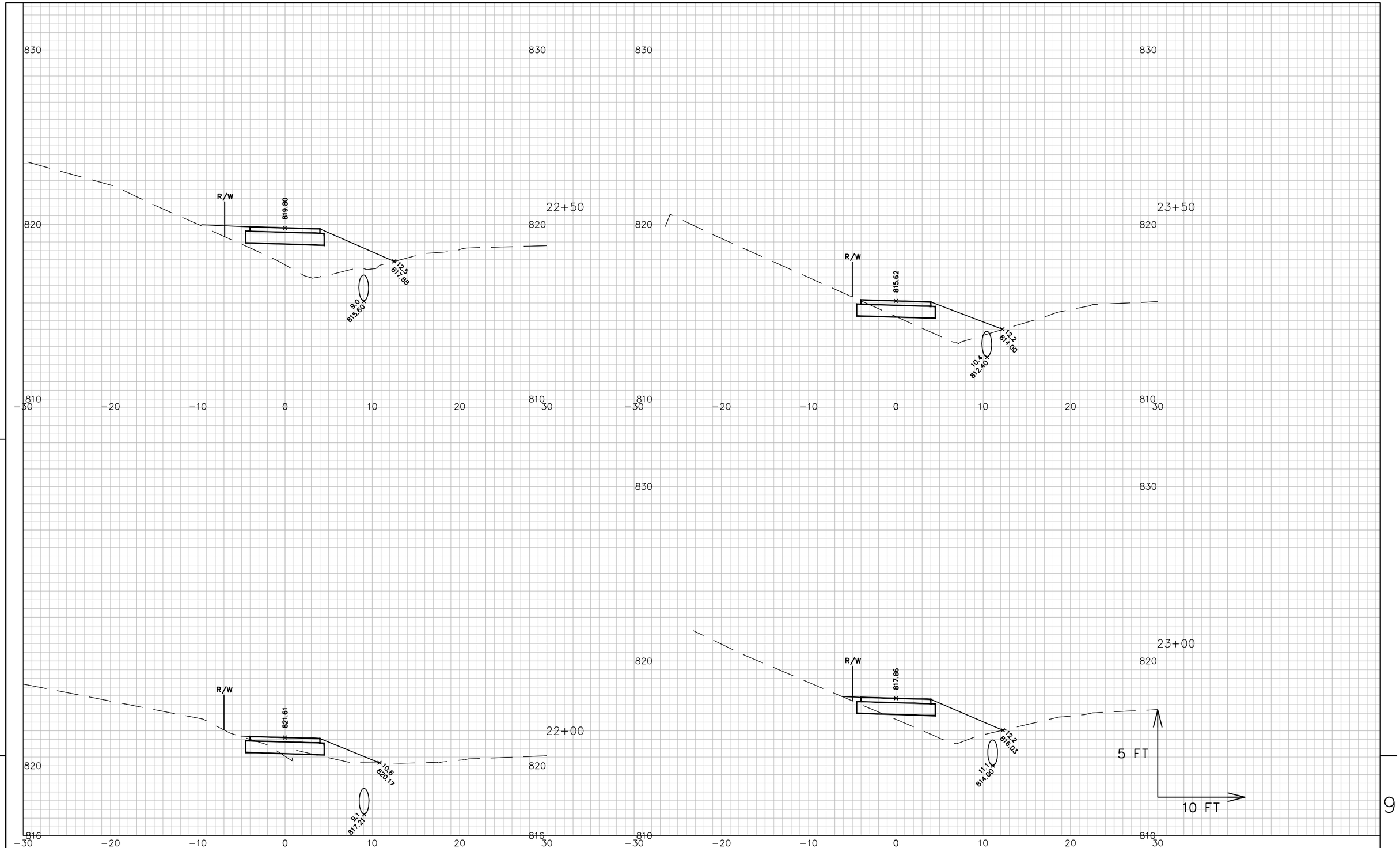
PROJECT NO: TRAIL	HWY: 00	COUNTY: WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:45 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'



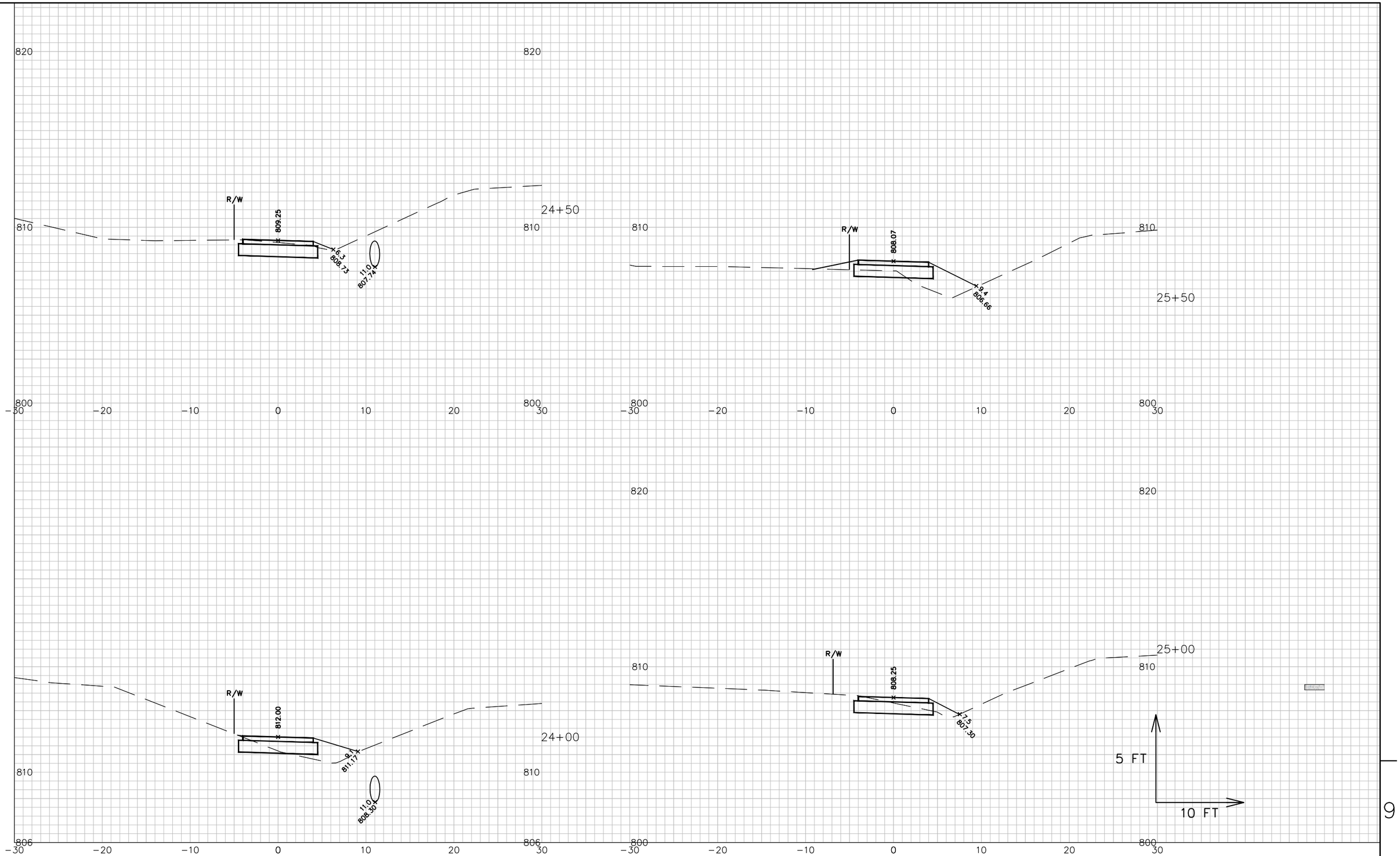
PROJECT NO: TRAIL	HWY: 00	COUNTY: WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:45 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'



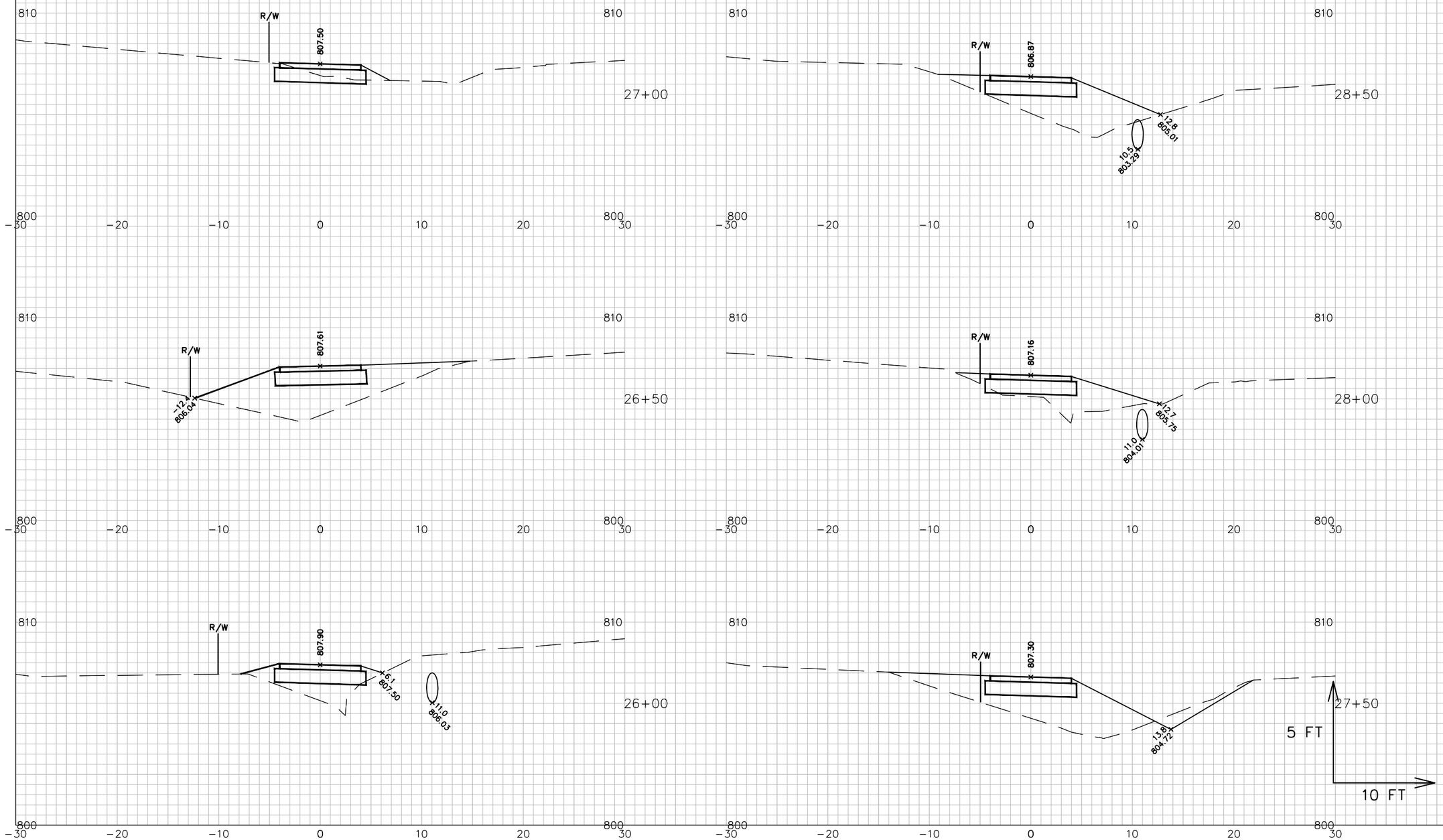
PROJECT NO: TRAIL	HWY: 00	COUNTY: WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:46 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'



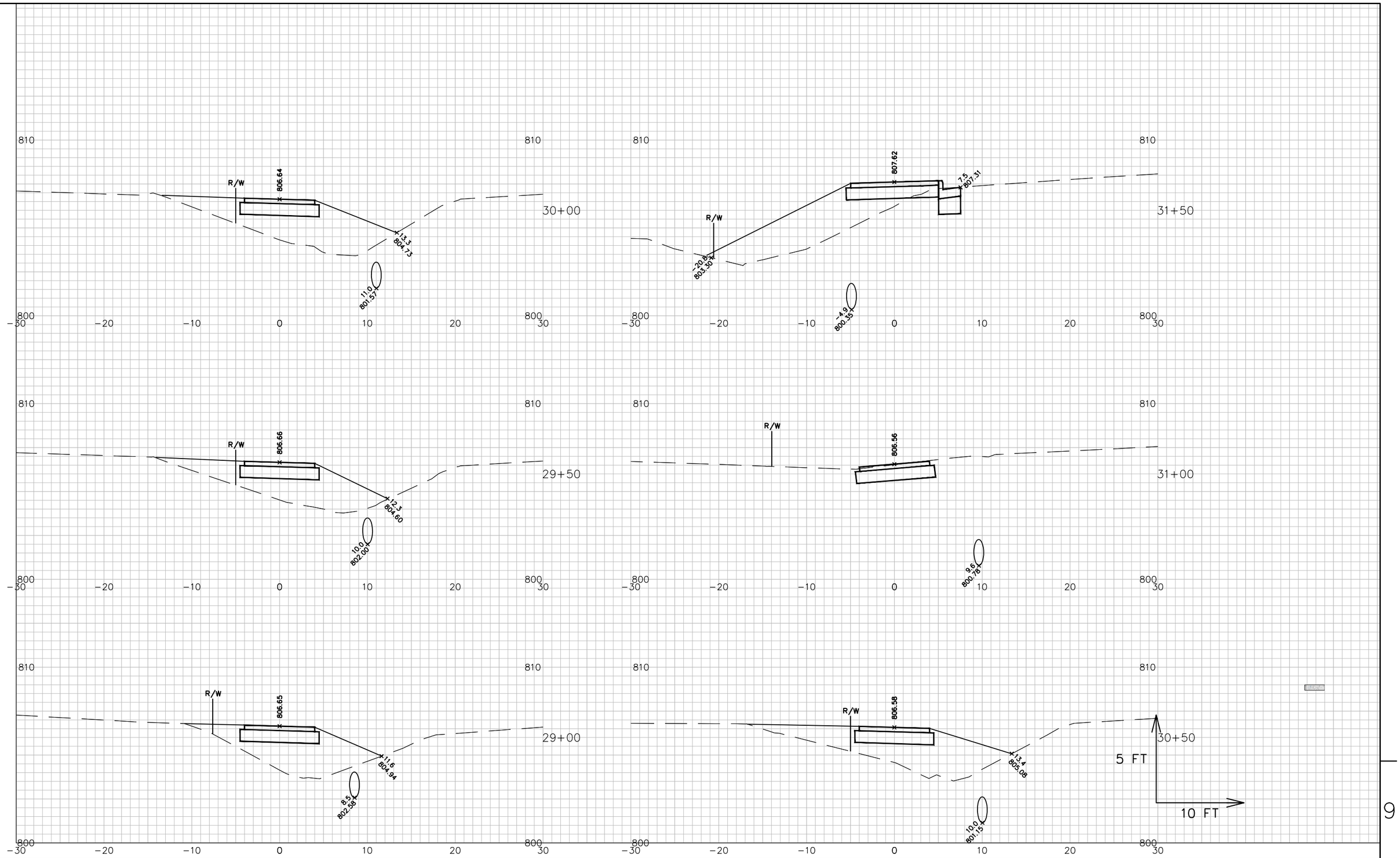
PROJECT NO: TRAIL	HWY: 00	COUNTY: WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:46 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'



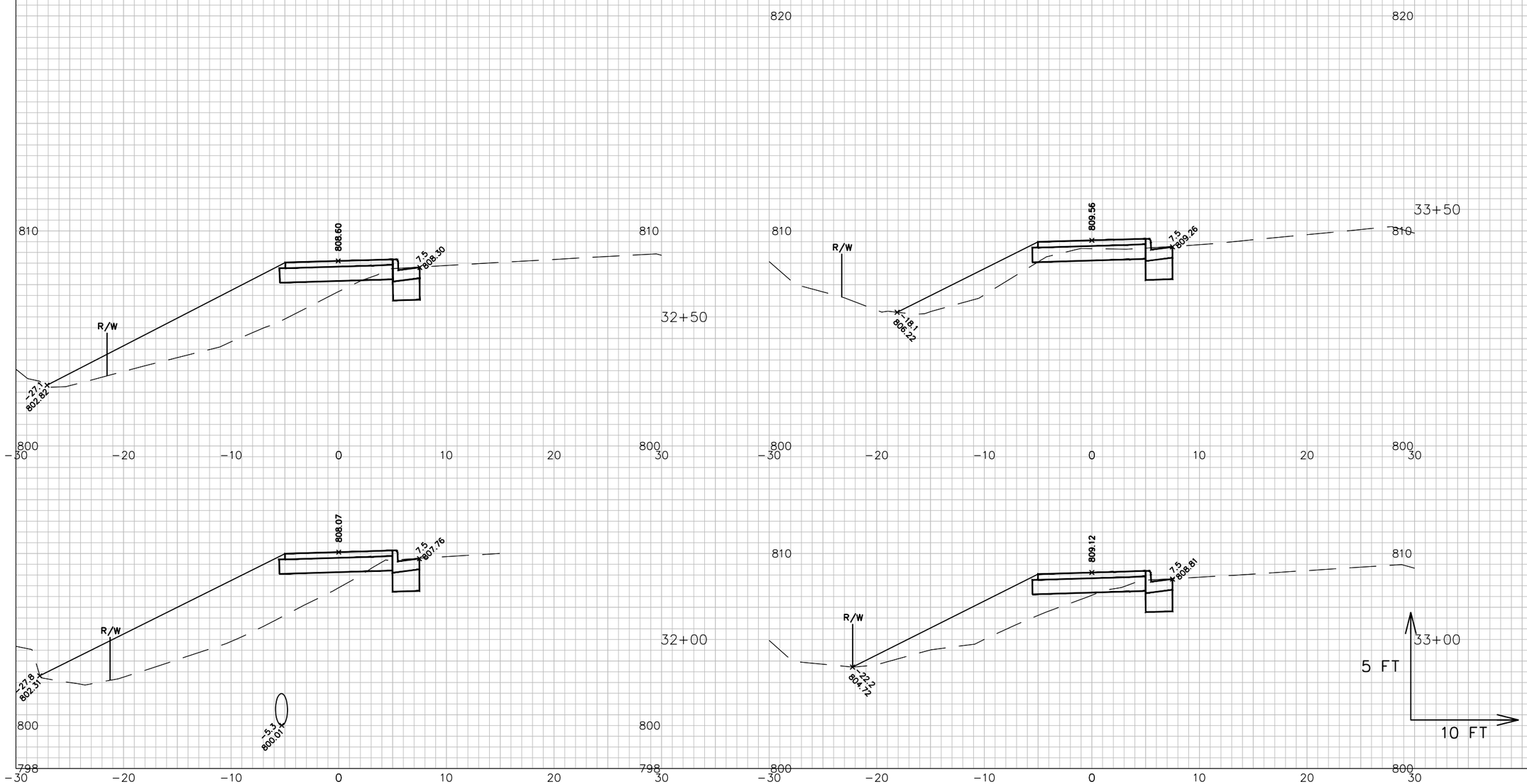
PROJECT NO: TRAIL	HWY: 00	COUNTY: WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:46 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'



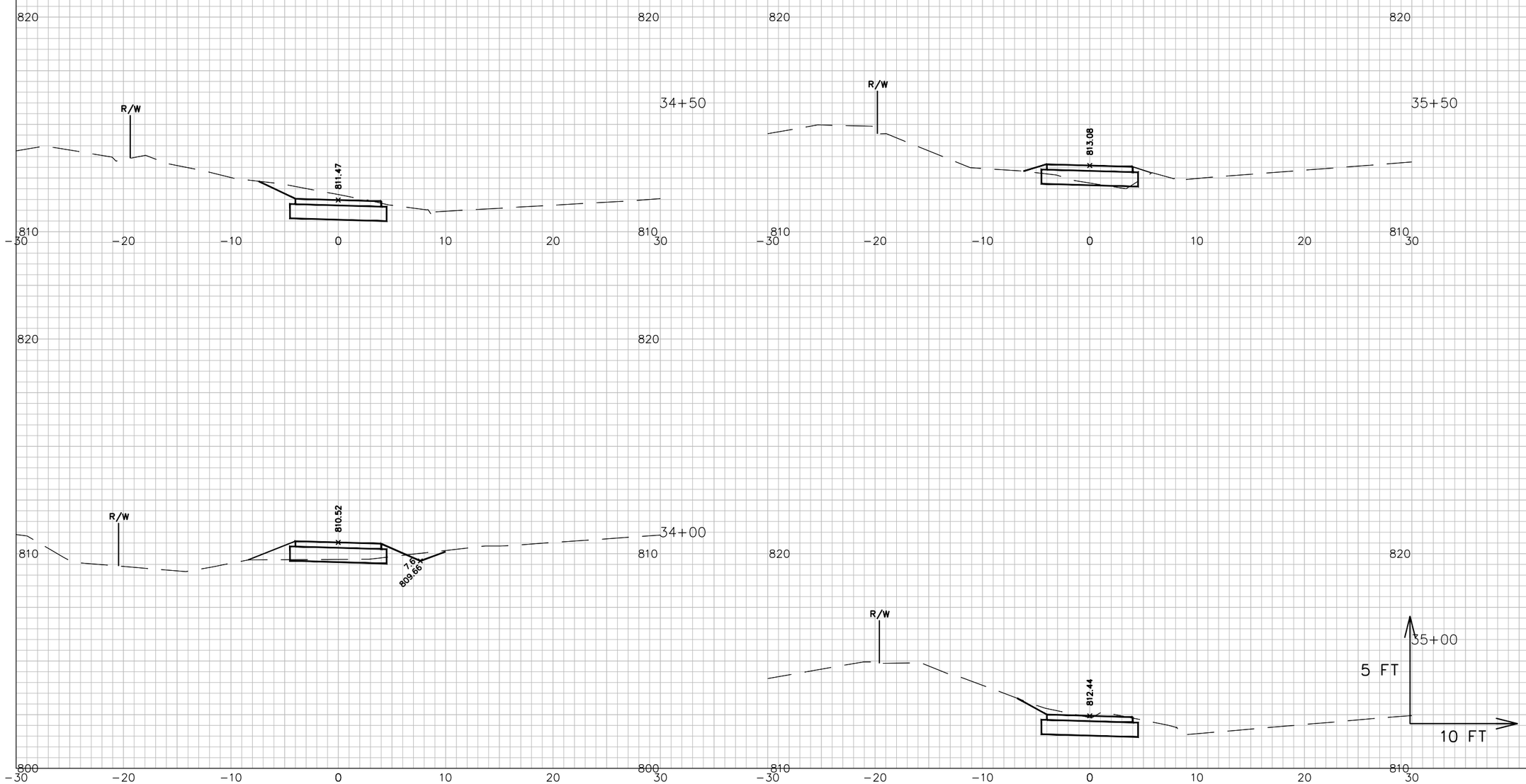
PROJECT NO: TRAIL	HWY: 00	COUNTY: WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:46 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'



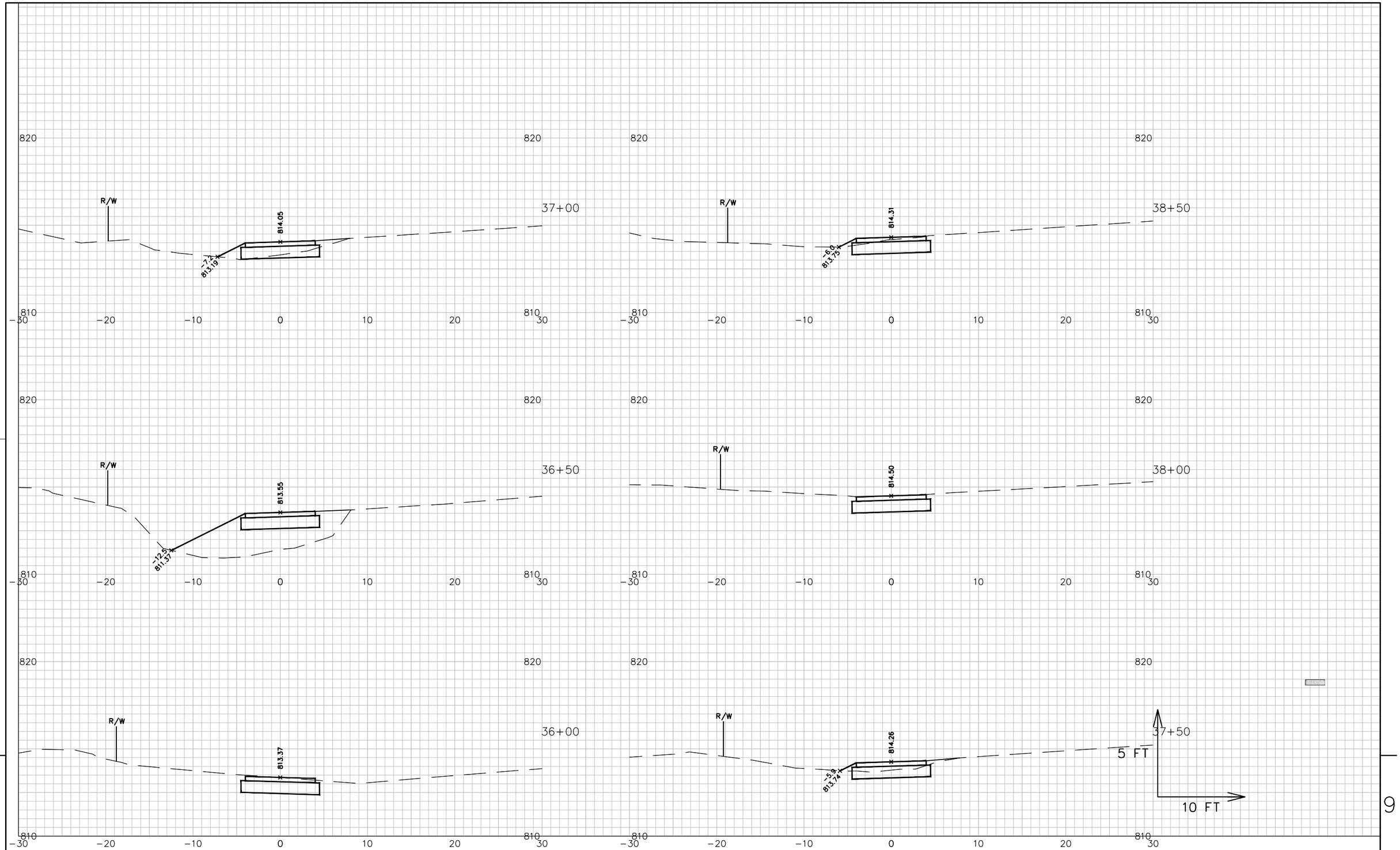
PROJECT NO: TRAIL	HWY: 00	COUNTY: WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:46 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'



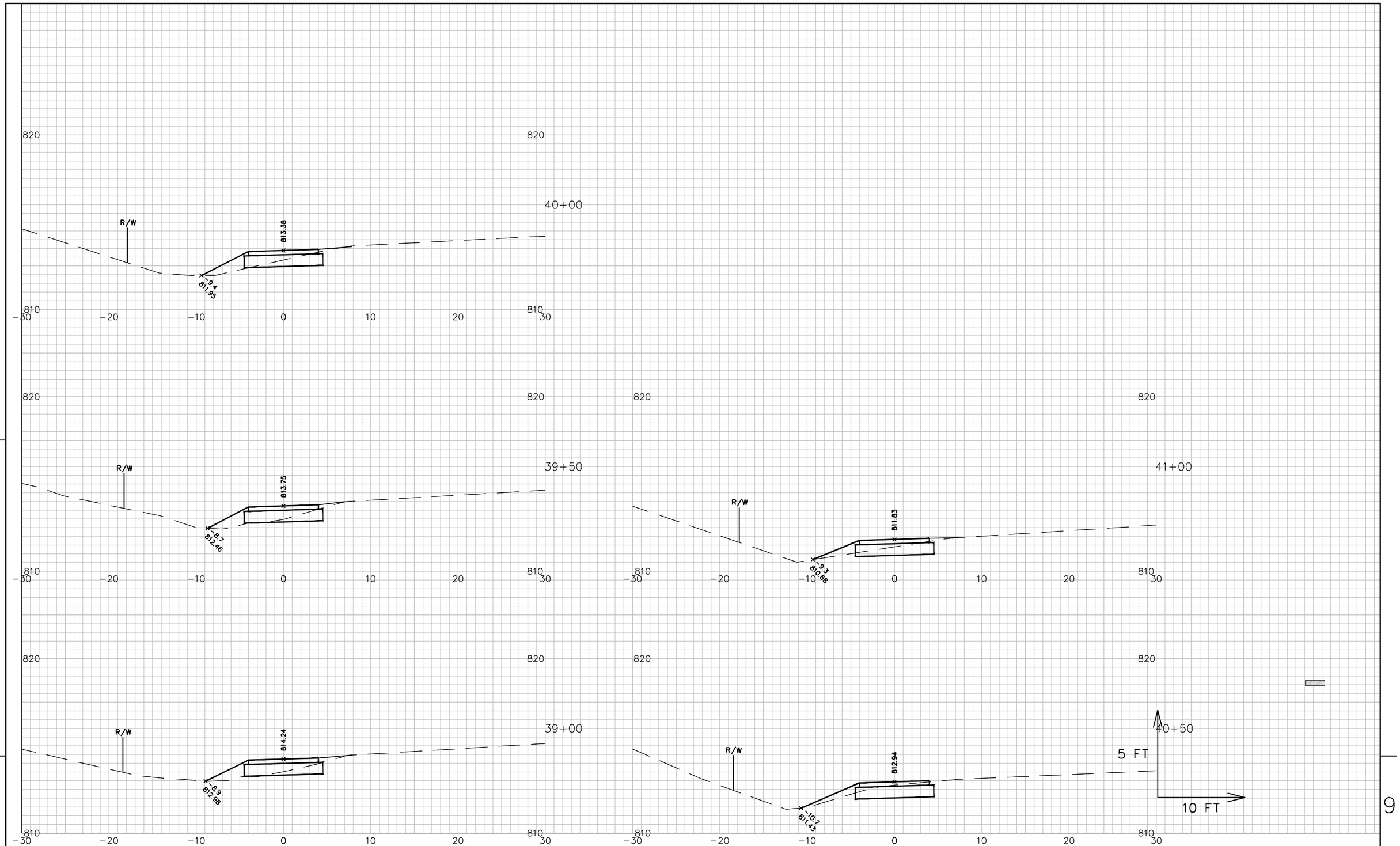
PROJECT NO: TRAIL	HWY: 00	COUNTY: WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:46 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'



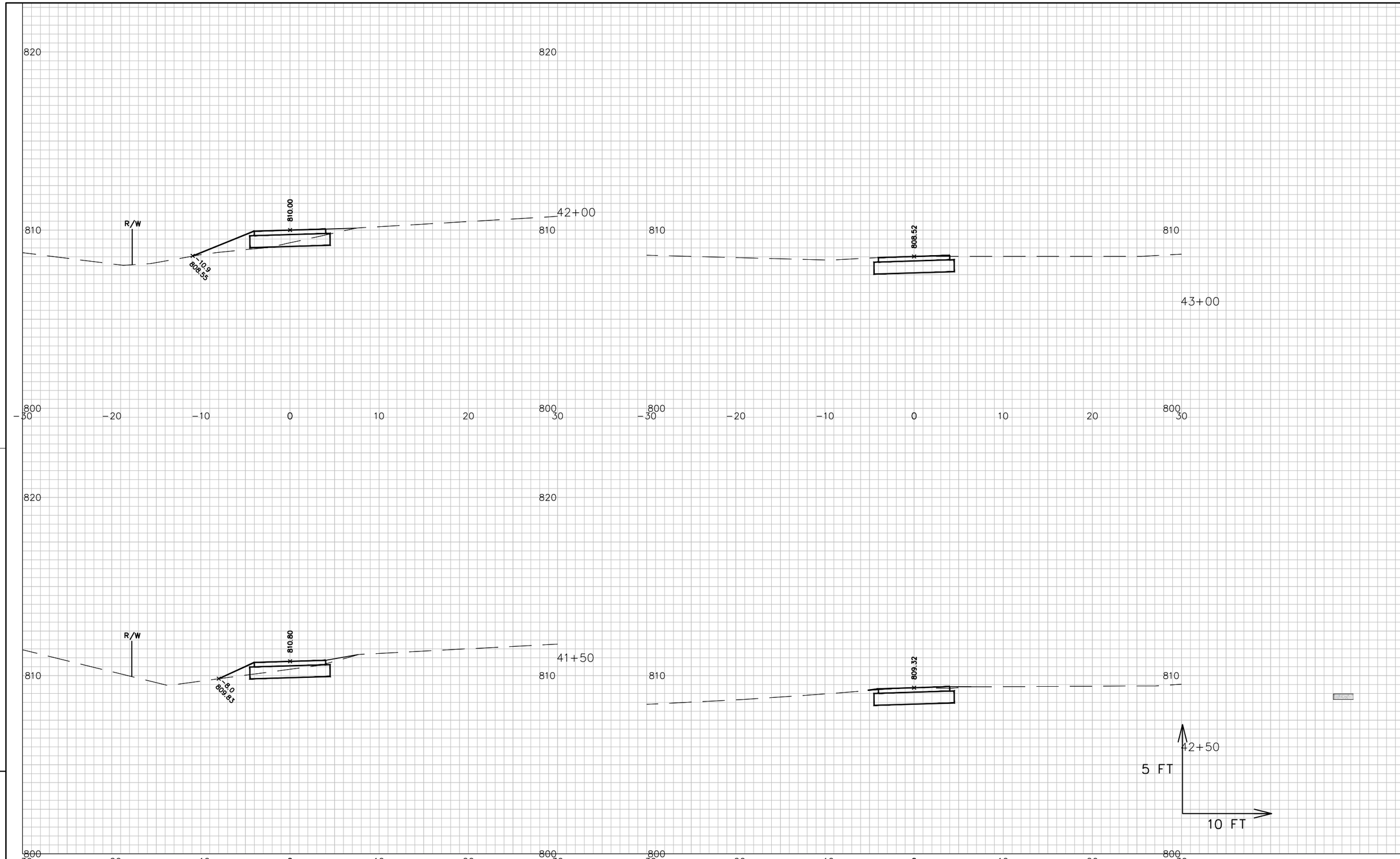
PROJECT NO: TRAIL	HWY: 00	COUNTY: WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:46 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'



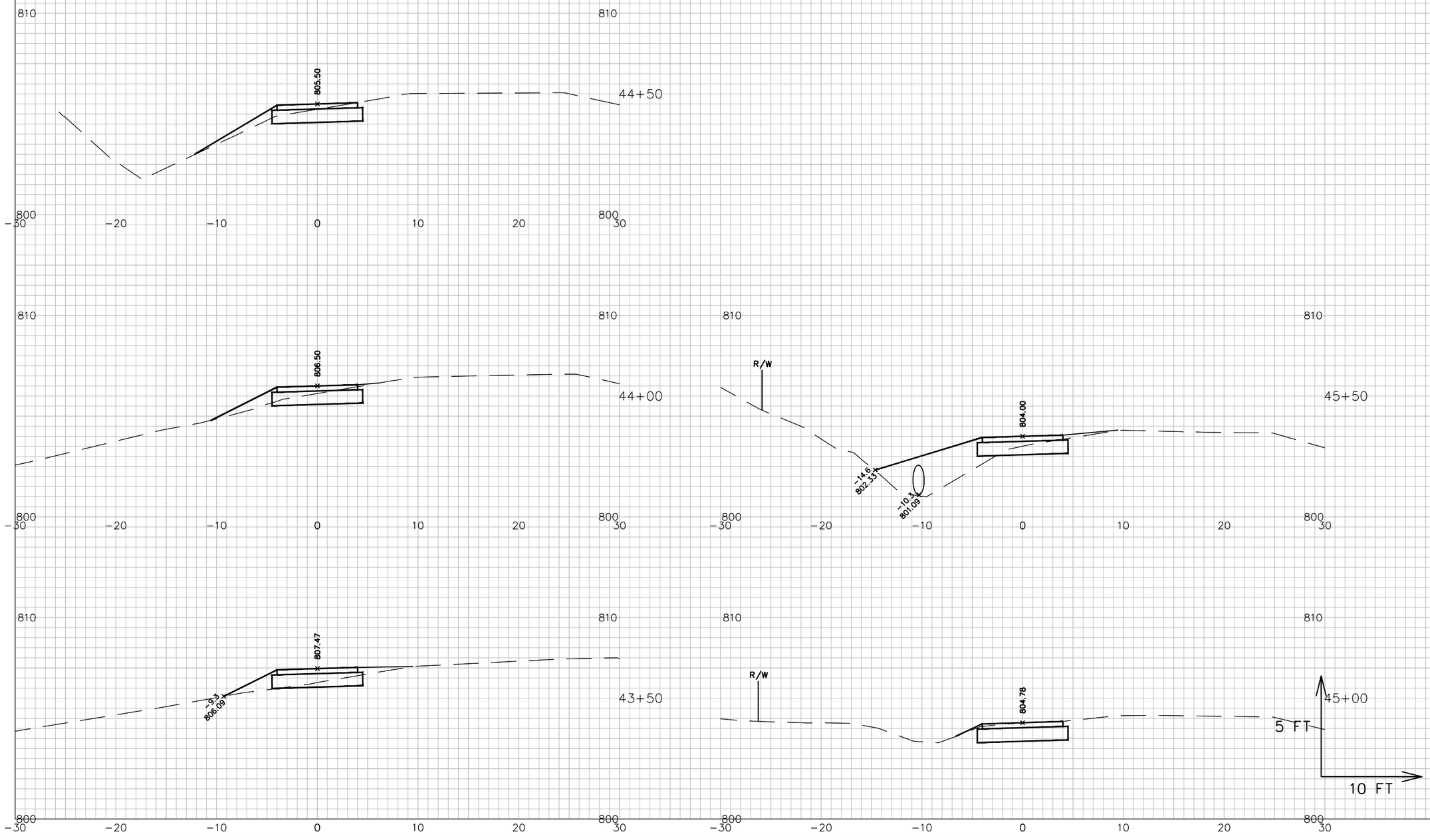
PROJECT NO: TRAIL	HWY: 00	COUNTY: WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL - CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:47 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'



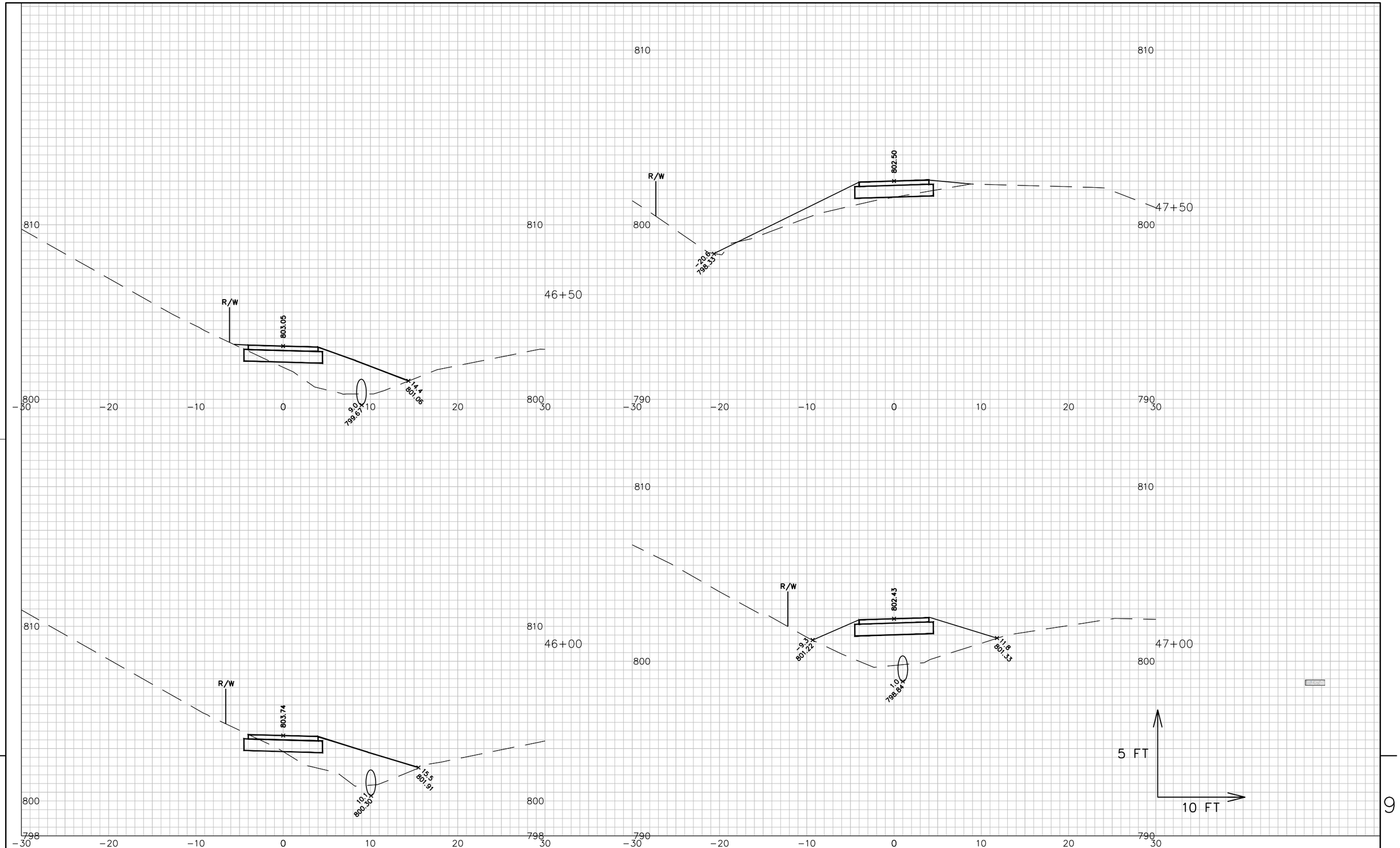
PROJECT NO: TRAIL	HWY: 00	COUNTY: WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:47 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'



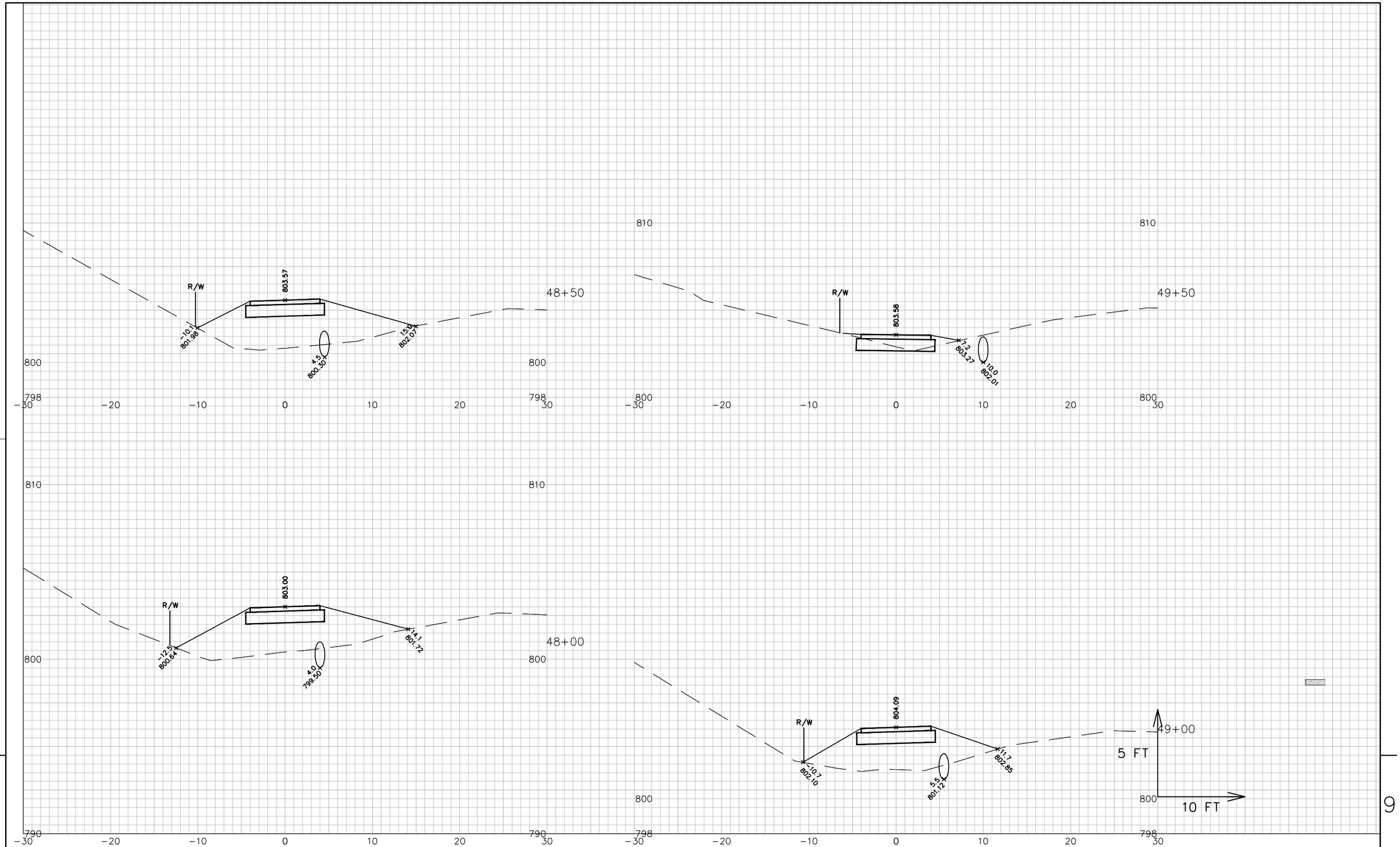
PROJECT NO: TRAIL	HWY: 00	COUNTY: WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:47 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'



PROJECT NO: TRAIL	HWY: 00	COUNTY: WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:47 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'



PROJECT NO: TRAIL	HWY: 00	COUNTY: WAUKESHA	CROSS SECTIONS	SHEET	E

FILE NAME : N:\DPW\ENGINEER\PROJECTS\MUSKEGO REC TRAIL – CTH 00 (HWY 36 TO DURHAM RD\ACAD\PLANS\MODEL_BIKEPATH_JTM.DWG PLOT DATE : 6/1/2016 2:47 PM PLOT BY : MAYER, JASON PLOT SCALE : 1"=10'

9

9