EAU DECEMBER 2015

PROJECT ID: 1023-00-72

WITH: 1023-06-73

COUNTY: JACKSON & MONROE

03

ORDER OF SHEETS

Section No. 1 Title
Section No. 2 Typical Sections and Details
Section No. 3 Estimate of Quantities
Section No. 3 Miscellaneous Quantities
~~Section No. 4 Right of Way Plat~~
Section No. 5 Plan and Profile
Section No. 6 Standard Detail Drawings
Section No. 7 Sign Plates
~~Section No. 8 Structure Plans~~
~~Section No. 9 Computer Earthwork Data~~
Section No. 9 Cross Sections

TOTAL SHEETS = 690

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1023-00-72	WISC 2015651	1
1023-06-73	WISC 2015653	1

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

BLACK RIVER FALLS - TOMAH

CTH O TO SOUTH COUNTY LINE (EB)

IH 94

JACKSON COUNTY

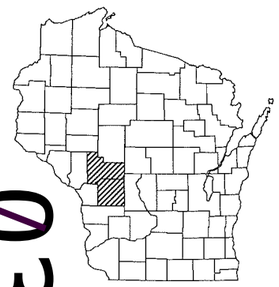
STATE PROJECT NUMBER
1023-00-72

NORTH COUNTY LINE TO CTH EW (EB)

IH 94

MONROE COUNTY

STATE PROJECT NUMBER
1023-06-73



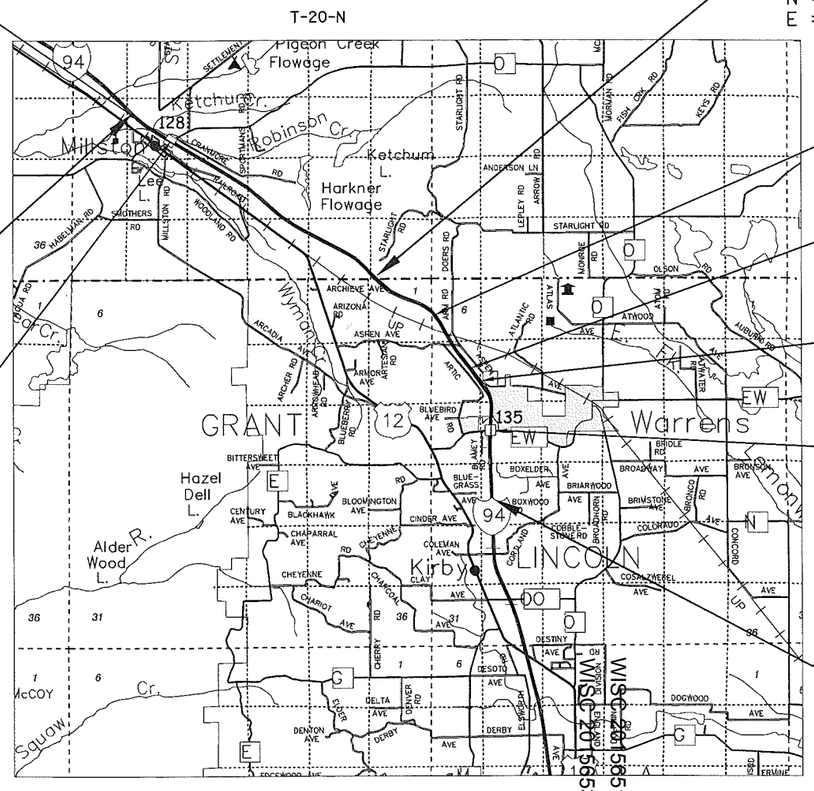
EQUATION

STATION EQUATION
STA. 2142+34.37 BK =
STA. 2139+01.40 AH

BEGIN PROJECT 1023-00-72
STA. 2137+61
N = 61246.641
E = 140156.470

R-2-W

EXCEPTINO TO NET CENTERLINE LENGTH OF
(STRUCTURE B27-60 OVER CTH O
STA. 2156+88.73 - STA. 2158+80.41



END PROJECT 1023-00-72
STA. 2372+92.34

BEGIN PROJECT 1023-06-73
STA. 2372+92
N = 458385.911
E = 689240.979

EQUATION

STATION EQUATION
STA. 2438+72.911 BK =
STA. 2437+67.56 AH

EXCEPTION TO NET CENTERLINE LENGTH OF
(STRUCTURE B-41-63 OVER UNION PACIFIC RR.)
STA. 2451+35.56 - STA. 2454+08+.24

EEXCEPTION TO NET CENTERLINE LENGTH OF
(STRUCTURE B-41-65 OVER ASPEN AVE.)
STA. 2463+44.82 - STA. 2549+23.60

EXCEPTION TO NET CENTERLINE LENGTH OF
(STRUCTURE B-41-67 OVER CTH EW)
STA. 2547+91.17 - STA. 2549+35.25

END PROJECTS
STA. 2614+00

DESIGN DESIGNATION

A.A.D.T.	2016	=	12000
A.A.D.T.	2036	=	14100
D.H.V.		=	1900
D.D.		=	50/50
T.		=	29.6%
DESIGN SPEED		=	70 MPH
ESALS		=	13,000,000

CONVENTIONAL SYMBOLS

PLAN		PROFILE	
CORPORATE LIMITS		GRADE LINE	
PROPERTY LINE		ORIGINAL GROUND	
LOT LINE		MARSH OR ROCK PROFILE (To be noted as such)	ROCK
LIMITED HIGHWAY EASEMENT		SPECIAL DITCH	LABEL
EXISTING RIGHT OF WAY		GRADE ELEVATION	95.36
PROPOSED OR NEW R/W LINE			
SLOPE INTERCEPT		CULVERT (Profile View)	
REFERENCE LINE		UTILITIES	
EXISTING CULVERT		ELECTRIC	E
PROPOSED CULVERT (Box or Pipe)		FIBER OPTIC	FO
COMBUSTIBLE FLUIDS	CAUTION	GAS	G
		SANITARY SEWER	SAN
MARSH AREA		STORM SEWER	SS
		TELEPHONE	T
WOODED OR SHRUB AREA		WATER	W
		UTILITY PEDESTAL	
		POWER POLE	
		TELEPHONE POLE	

LAYOUT
SCALE 0 2 MILES

TOTAL NET LENGTH OF CENTERLINE = 4.580 MI EACH COUNTY 1 1

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, JACK. & MONR.COUNTY, NAD83 (2012), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WILLIAM HOLME
Designer	MIKE BERTHOLD
Project Manager	DANIEL KOPACZ
Regional Examiner	CHRISTINE KOSKI
Regional Supervisor	RICHARD SHERMO

APPROVED FOR THE DEPARTMENT

DATE: 8/16/15 Mac P Hyde (Signature)

E

EAU DECEMBER 2015

PROJECT ID: 1023-00-80

WITH: 1023-06-75

COUNTY: JACKSON & MONROE

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS = 03

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1023-00-80	WISC 2015652	1
1023-06-75	WISC 2015654	1

BLACK RIVER FALLS - TOMAH

CTH O TO SOUTH COUNTY LINE (WB)

IH 94

JACKSON COUNTY

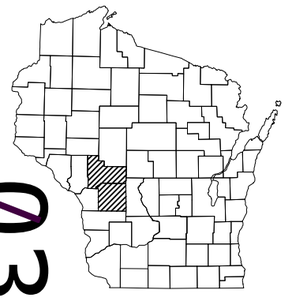
STATE PROJECT NUMBER 1023-00-80

NORTH COUNTY LINE TO CTH EW (WB)

IH 94

MONROE COUNTY

STATE PROJECT NUMBER 1023-06-75



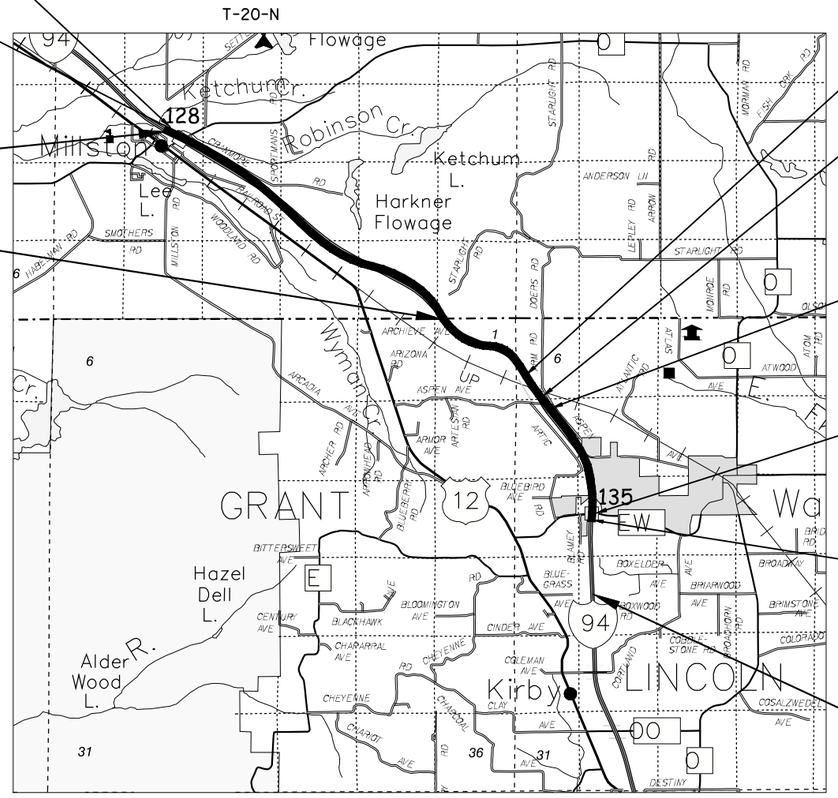
EQUATION

STA. 2142+37.08 BK =
STA. 2139+04.00 AH

EXCEPTION TO NET CENTERLINE LENGTH
B-27-60 OVER CTH O
STA. 2156+88.71 - STA. 2158+80.44

BEGIN PROJECT 1023-00-80
STA. 2137+61
Y= 61283.477
X= 140216.256

BEGIN PROJECT 1023-06-75
STA. 2374+11.98
Y= 458384.647
X= 689398.785



EQUATION

STA. 2438+75.61 BK =
STA. 2437+64.45 AH

EXCEPTION TO NET CENTERLINE LENGTH
B-41-63 OVER UNION PACIFIC RR
STA. 2451+35.56 - STA. 2454+08.24

EXCEPTION TO NET CENTERLINE LENGTH
B-41-65 OVER ASPEN AVE.
STA. 2463+44.82 - STA. 2465+23.60

EXCEPTION TO NET CENTERLINE LENGTH
B-41-67 OVER CTH EW
STA. 2547+91.17 - STA. 2549.+35.25

STA. 2570+62.08 BK =
STA. 2571+10.60 AH

EQUATION

END PROJECTS
STA. 2614+00

DESIGN DESIGNATION

A.A.D.T.	2016	=	12000
A.A.D.T.	2036	=	14100
D.H.V.		=	1900
D.D.		=	50/50
T.		=	29.6%
DESIGN SPEED		=	70 MPH
ESALS		=	13,000,000

CONVENTIONAL SYMBOLS

PLAN

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES

- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

LAYOUT SCALE 0 2 MILES

TOTAL NET LENGTH OF CENTERLINE = 4.580 MI EACH COUNTY

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, JACK. & MONR.COUNTY, NAD83 (2012), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WILLIAM HOLME
Designer	MIKE BERTHOLD
Project Manager	DANIEL KOPACZ
Regional Examiner	CHRISTINE KOSKI
Regional Supervisor	RICHARD SHERMO

APPROVED FOR THE DEPARTMENT

DATE: _____ _____ (Signature)

2

LIST OF STANDARD ABBREVIATIONS

AH.	AHEAD
APPROX.	APPROXIMATE
ASPH.	ASPHALTIC
A.D.T.	AVERAGE DAILY TRAFFIC
BK.	BACK
C/L OR '	CENTER LINE
CONC.	CONCRETE
CONST.	CONSTRUCTION
C.T.H.	COUNTY TRUNK HIGHWAY
D.O.T.	DEPARTMENT OF TRANSPORTATION
D.H.V.	DESIGN HOUR VOLUME
E.	EAST
EB	EASTBOUND
ELECT.	ELECTRIC
ELEV.	ELEVATION
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXIST.	EXISTING
INL.	INLET
LT.	LEFT
L.H.F.	LEFT-HAND FORWARD
MAX.	MAXIMUM
MISC.	MISCELLANEOUS
N.	NORTH
NOR.	NORMALLY
P.C.	POINT OF CURVATURE
P.I.	POINT OF INTERSECTION
P.T.	POINT OF TANGENCY
REQ'D	REQUIRED
R/L OR ~	REFERENCE LINE
RT.	RIGHT
R.H.F.	RIGHT-HAND FORWARD
R/W	RIGHT OF WAY
S.	SOUTH
S.D.D.	STANDARD DETAIL DRAWINGS
SHLDR.	SHOULDER
S.T.H.	STATE TRUNK HIGHWAY
STA.	STATION
TEL.	TELEPHONE
TEMP.	TEMPORARY
T.	TRUCKS (PERCENT OF)
W.	WEST
WB	WESTBOUND
WZ	WORK ZONE

GENERAL NOTES

CURVE DATA IS BASED ON THE ARC DEFINITION.

RESHAPE AND SEED ANY PREVIOUSLY GRASSED AREAS THAT ARE DISTURBED BY OPERATIONS OUTSIDE THE NORMAL CONSTRUCTION LIMITS.

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITES ARE MEMBERS OF DIGGERS HOTLINE. UTILITY FACILITIES WERE NOT FIELD LOCATED AND VERIFIED.

REMOVAL OF ANY SURVEY MARKER REQUIRES APPROVAL OF THE ENGINEER.

STATIONING, DISTANCE AND OFFSETS FOR PERMANENT SIGNS SHOWN ON THE PLANS ARE APPROXIMATE. ACTUAL LOCATIONS OF SIGNS ARE TO BE COORDINATED IN THE FIELD BY THE ENGINEER.

JOINT TIES REQUIRED FOR ALL PIPE WORK.

REMOVE ANY LOOSE MATERIAL AND FILL DOWEL BAR SLOTS ON EASTBOUND IH 94 BEFORE PAVING PAID AS ASPHALTIC SURFACE PATCHING

S.D.D. 15 C 31 REPLACE WET REFLECTIVE TAPE WITH GROOVED WET REFLECTIVE EPOXY.

X-SECTIONS ARE FOR INFORMATIONAL USE ONLY, FINAL SECTIONS WILL BE DETERMINED BY THE CONTRACTOR USING FIELD SLOPE STAKES. REVIEW DATA WITH THE PROJECT ENGINEER.

UTILITIES

COMMUNICATIONS LINE

CENTURYLINK (1023-00-72; 1023-06-73)
24-HOUR EMERGENCY REPAIR
800-824-2877
FIELD CONTACT
DONNA SMOTHERS
835 RED IRON ROAD
BLACK RIVER FALLS, WI 54615
715-284-4375 (OFFICE)
715-797-4854 (MOBILE)
donna.smothers@CenturyLink.com

ELECTRICITY - DISTRIBUTION

ALLIANT ENERGY (1023-06-73)
MARK SCHOEN
338 E STATE STREET
MAUSTON, WI 53948
608-847-1315 (OFFICE)
608-206-4819 (MOBILE)
mark.schoen@alliantenergy.com

JACKSON ELECTRIC COOPERATIVE (1023-00-72)
ERIC STEIEN
N6868 COUNTY HWY F
PO BOX 546
BLACK RIVER FALLS, WI 54615-0546
715-284-5385 (OFFICE)
esteien@jackelec.com

SEWER & WATER

WARRENS, VILLAGE OF (1023-06-73)
BRIAN KNOEPKER
301 MAIN STREET
PO BOX 97
WARRENS, WI 54666-0097
608-378-4177 (OFFICE)
608-343-7601 (MOBILE)
warrensdpw@centurytel.net

RAILROAD

UNION PACIFIC RAILROAD
101 NORTH WACKER DRIVE, SUITE 1920
CHICAGO, IL 60606
ATTN: JOHN VENICE
(312)777-2043
JNVENICE@UP.COM

WISDOT CONTACT

RICHARD SHERMO, P.E.
WISDOT NW REGION
718 W. CLAIREMONT AVENUE
EAU CLAIRE, WI 54701
715-836-2399
richard.shermo@dot.wi.gov

DESIGN CONTACT

MIKE BERTHOLD, P.E.
WISDOT NW REGION
718 W. CLAIREMONT AVENUE
EAU CLAIRE, WI. 54701
(715)836--3922
MIKE.BERTHOLD@DOT.WI.GOV

TYPICAL SECTION & DETAIL INDEX

GENERAL NOTES
TYPICAL SECTIONS
CONSTRCUCTION DETAILS
TRAFFIC CONTROL

24-HOUR SPILLS HOTLINE
(800)943-0003

DNR LIASON

DNR WEST CENTRAL REGION HEADQUARTERS
ATTN: KAREN KALVELAGE
3550 MORMON COULEE ROAD
LA CROSSE, WI 54601
608-785-9000
Karen.Kalvelage@wisconsin.gov

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

2

PROJECT NO:1023-00-72 & 1023-06-73	HWY: IH 94	COUNTY: JACKSON & MONROE	GENERAL NOTES - EAST BOUND	SHEET 3	E

LIST OF STANDARD ABBREVIATIONS

AH.	AHEAD
APPROX.	APPROXIMATE
ASPH.	ASPHALTIC
A.D.T.	AVERAGE DAILY TRAFFIC
BK.	BACK
C/L OR '	CENTER LINE
CONC.	CONCRETE
CONST.	CONSTRUCTION
C.T.H.	COUNTY TRUNK HIGHWAY
D.O.T.	DEPARTMENT OF TRANSPORTATION
D.H.V.	DESIGN HOUR VOLUME
E.	EAST
EB	EASTBOUND
ELECT.	ELECTRIC
ELEV.	ELEVATION
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXIST.	EXISTING
INL.	INLET
LT.	LEFT
L.H.F.	LEFT-HAND FORWARD
MAX.	MAXIMUM
MISC.	MISCELLANEOUS
N.	NORTH
NOR.	NORMALLY
P.C.	POINT OF CURVATURE
P.I.	POINT OF INTERSECTION
P.T.	POINT OF TANGENCY
REQ'D	REQUIRED
R/L OR ~	REFERENCE LINE
RT.	RIGHT
R.H.F.	RIGHT-HAND FORWARD
R/W	RIGHT OF WAY
S.	SOUTH
S.D.D.	STANDARD DETAIL DRAWINGS
SHLDR.	SHOULDER
S.T.H.	STATE TRUNK HIGHWAY
STA.	STATION
TEL.	TELEPHONE
TEMP.	TEMPORARY
T.	TRUCKS (PERCENT OF)
W.	WEST
WB	WESTBOUND
WZ	WORK ZONE

GENERAL NOTES

CURVE DATA IS BASED ON THE ARC DEFINITION.

RESHAPE AND SEED ANY PREVIOUSLY GRASSED AREAS THAT ARE DISTURBED BY OPERATIONS OUTSIDE THE NORMAL CONSTRUCTION LIMITS.

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITES ARE MEMBERS OF DIGGERS HOTLINE. UTILITY FACILITIES WERE NOT FIELD LOCATED AND VERIFIED.

REMOVAL OF ANY SURVEY MARKER REQUIRES APPROVAL OF THE ENGINEER.

STATIONING, DISTANCE AND OFFSETS FOR PERMANENT SIGNS SHOWN ON THE PLANS ARE APPROXIMATE. ACTUAL LOCATIONS OF SIGNS ARE TO BE COORDINATED IN THE FIELD BY THE ENGINEER.

JOINT TIES REQUIRED FOR ALL PIPE WORK.

REMOVE ANY LOOSE MATERIAKL AND FILL DOWEL BAR SLOTS ON EASTBOUND IH 94 BEFORE PAVING PAID FOR AS ASPHALTIC SURFACE PATCHING

S.D.D. 15 C 31 REPLACE WET REFLECTIVE TAPE WITH GROOVED WET REFLECTIVE EPOXY.

UTILITIES

COMMUNICATIONS LINE

AT&T LEGACY (1023-00-80; 1023-06-75)
BRAD KEMPH
715-254-5238
COPY ALL AT&T LEGACY CORRESPONDENCE TO:
BILL KOENIG
PO BOX 244
LAKE MILLS, WI 53551-0244
608-628-0575
jmc140@frontier.com

CENTURYLINK (1023-06-75)
24-HOUR EMERGENCY REPAIR
800-824-2877
FIELD CONTACT
DONNA SMOTHERS
835 RED IRON ROAD
BLACK RIVER FALLS, WI 54615
715-284-4375 (OFFICE)
715-797-4854 (MOBILE)
donna.smothers@CenturyLink.com

ELECTRICITY - DISTRIBUTION

ALLIANT ENERGY (1023-06-75)
MARK SCHOEN
338 E STATE STREET
MAUSTON, WI 53948
608-847-1315 (OFFICE)
608-206-4819 (MOBILE)
mark.schoen@alliantenergy.com

JACKSON ELECTRIC COOPERATIVE (1023-00-80)
ERIC STEIEN
N6868 COUNTY HWY F
PO BOX 546
BLACK RIVER FALLS, WI 54615-0546
715-284-5385 (OFFICE)
esteien@jackelec.com

SEWER & WATER

WARRENS, VILLAGE OF (1023-06-75)
BRIAN KNOEPKER
301 MAIN STREET
PO BOX 97
WARRENS, WI 54666-0097
608-378-4177 (OFFICE)
608-343-7601 (MOBILE)
warrensdpw@centurytel.net

RAILROAD

UNION PACIFIC RAILROAD
101 NORTH WACKER DRIVE, SUITE 1920
CHICAGO, IL 60606
ATTN: JOHN VENICE
(312)777-2043
JNVENICE@UP.COM

WISDOT CONTACT

RICHARD SHERMO, P.E.
WISDOT NW REGION
718 W. CLAIREMONT AVENUE
EAU CLAIRE, WI 54701
715-836-2399
richard.shermo@dot.wi.gov

DESIGN CONTACT

MIKE BERTHOLD, P.E.
WISDOT NW REGION
718 W. CLAIREMONT AVENUE
EAU CLAIRE, WI. 54701
(715)836--3922
MIKE.BERTHOLD@DOT.WI.GOV

TYPICAL SECTION & DETAIL INDEX

GENERAL NOTES
TYPICAL SECTIONS
CONSTRCUCTION DETAILS
TRAFFIC CONTROL

24-HOUR SPILLS HOTLINE
(800)943-0003

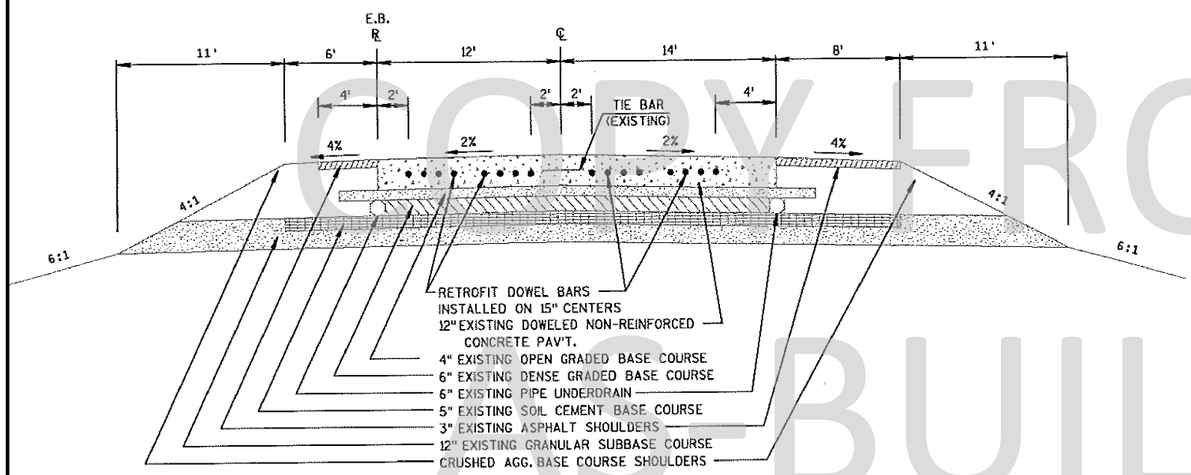
DNR LIASON

DNR WEST CENTRAL REGION HEADQUARTERS
ATTN: KAREN KALVELAGE
3550 MORMON COULEE ROAD
LA CROSSE, WI 54601
608-785-9000
Karen.Kalvelage@wisconsin.gov

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

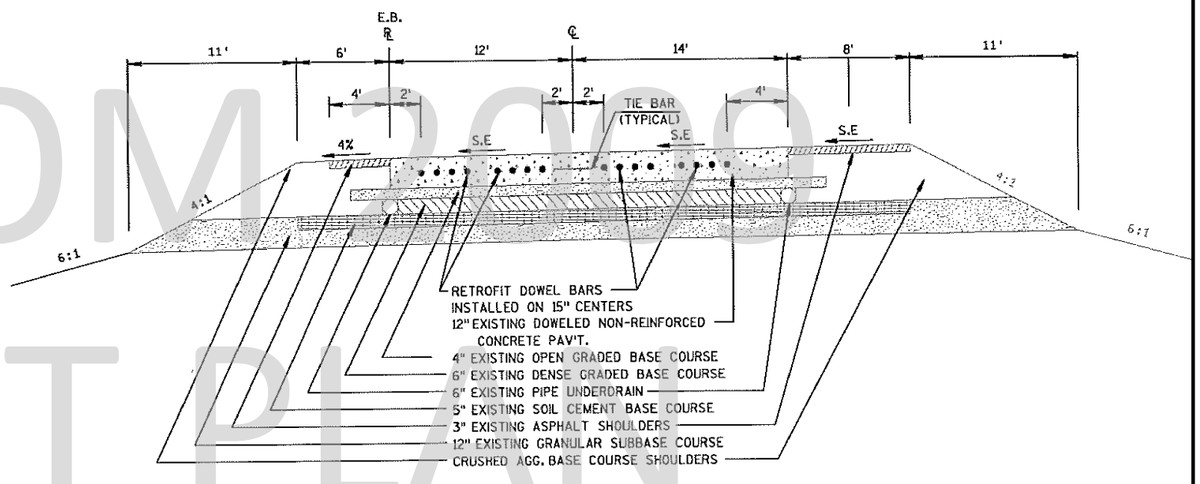
PROJECT NO:1023-00-80 & 1023-06-75	HWY: IH 94	COUNTY: JACKSON & MONROE	GENERAL NOTES - WEST BOUND	SHEET 4	E

INFORMATION ONLY
COPY FROM 2009
AS-BUILT PLAN



~~FINISHED~~ TYPICAL TANGENT SECTION

STA 2137+61 TO STA 2614+00

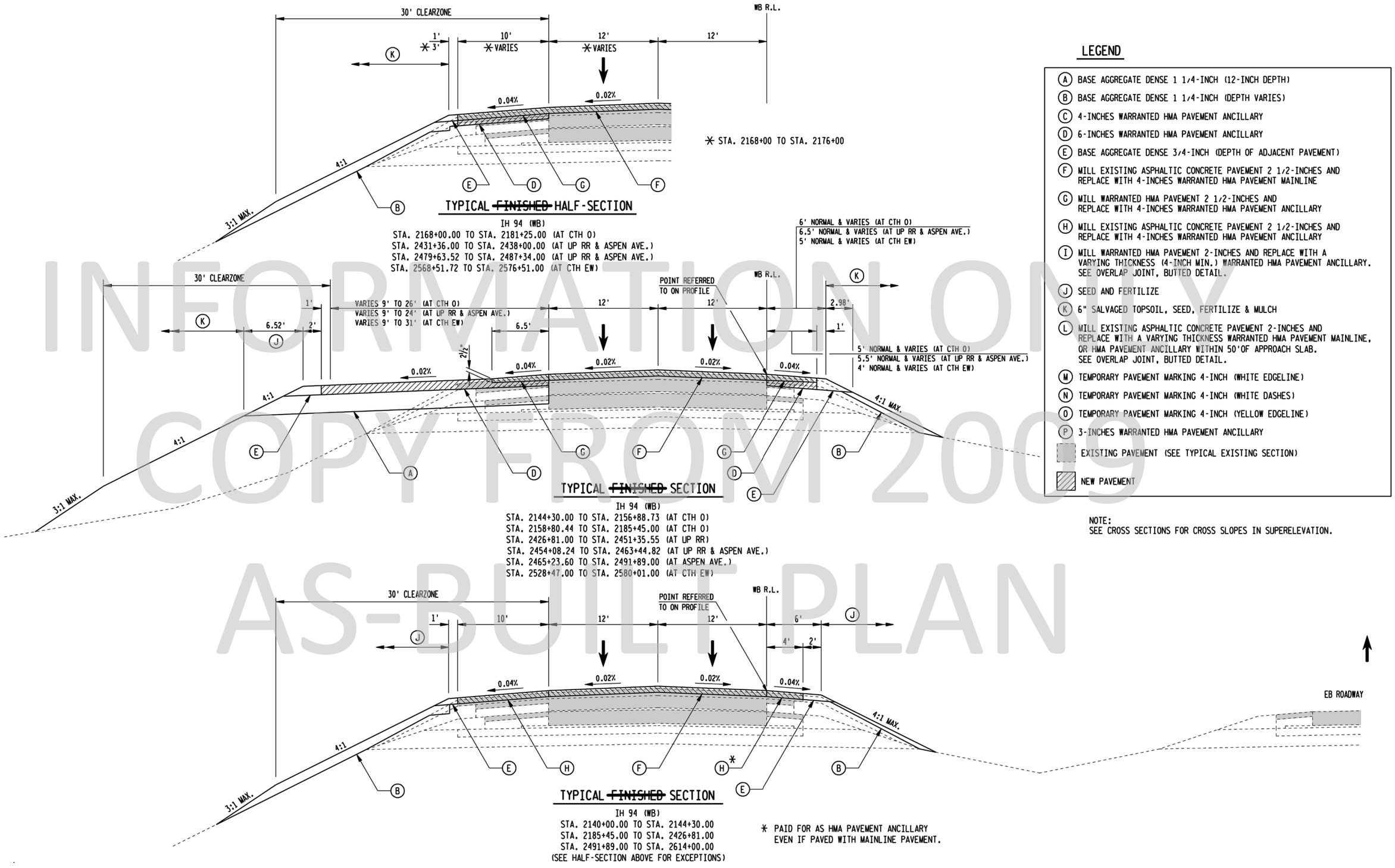


~~FINISHED~~ TYPICAL SUPERELEVATED SECTION

STA 2137+61 TO STA 2614+00

PROJECT NO: 1023-00-72 & 1023-06-73	HWY: IH 94 EAST BOUND	COUNTY: JACKSON & MONROE	TYPICAL EXISTING FROM FINISHED ASBUILT SECTIONS - EAST BOUND	SHEET 5	E

INFORMATION ONLY
COPY FROM 2009
AS-BUILT PLAN



TYPICAL ~~FINISHED~~ HALF-SECTION

IH 94 (WB)
STA. 2168+00.00 TO STA. 2181+25.00 (AT CTH O)
STA. 2431+36.00 TO STA. 2438+00.00 (AT UP RR & ASPEN AVE.)
STA. 2479+63.52 TO STA. 2487+34.00 (AT UP RR & ASPEN AVE.)
STA. 2568+51.72 TO STA. 2576+51.00 (AT CTH EW)

TYPICAL ~~FINISHED~~ SECTION

IH 94 (WB)
STA. 2144+30.00 TO STA. 2156+88.73 (AT CTH O)
STA. 2158+80.44 TO STA. 2185+45.00 (AT CTH O)
STA. 2426+81.00 TO STA. 2451+35.55 (AT UP RR)
STA. 2454+08.24 TO STA. 2463+44.82 (AT UP RR & ASPEN AVE.)
STA. 2465+23.60 TO STA. 2491+89.00 (AT ASPEN AVE.)
STA. 2528+47.00 TO STA. 2580+01.00 (AT CTH EW)

TYPICAL ~~FINISHED~~ SECTION

IH 94 (WB)
STA. 2140+00.00 TO STA. 2144+30.00
STA. 2185+45.00 TO STA. 2426+81.00
STA. 2491+89.00 TO STA. 2614+00.00
(SEE HALF-SECTION ABOVE FOR EXCEPTIONS)

* PAID FOR AS HMA PAVEMENT ANCILLARY EVEN IF PAVED WITH MAINLINE PAVEMENT.

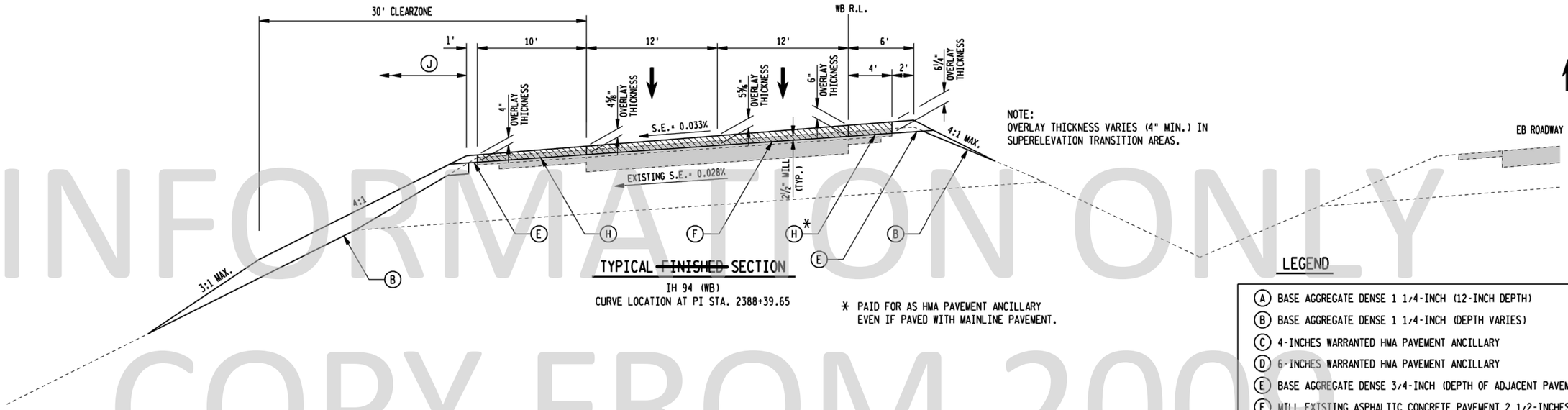
LEGEND

- (A) BASE AGGREGATE DENSE 1 1/4-INCH (12-INCH DEPTH)
- (B) BASE AGGREGATE DENSE 1 1/4-INCH (DEPTH VARIES)
- (C) 4-INCHES WARRANTED HMA PAVEMENT ANCILLARY
- (D) 6-INCHES WARRANTED HMA PAVEMENT ANCILLARY
- (E) BASE AGGREGATE DENSE 3/4-INCH (DEPTH OF ADJACENT PAVEMENT)
- (F) MILL EXISTING ASPHALTIC CONCRETE PAVEMENT 2 1/2-INCHES AND REPLACE WITH 4-INCHES WARRANTED HMA PAVEMENT MAINLINE
- (G) MILL WARRANTED HMA PAVEMENT 2 1/2-INCHES AND REPLACE WITH 4-INCHES WARRANTED HMA PAVEMENT ANCILLARY
- (H) MILL EXISTING ASPHALTIC CONCRETE PAVEMENT 2 1/2-INCHES AND REPLACE WITH 4-INCHES WARRANTED HMA PAVEMENT ANCILLARY
- (I) MILL WARRANTED HMA PAVEMENT 2-INCHES AND REPLACE WITH A VARYING THICKNESS (4-INCH MIN.) WARRANTED HMA PAVEMENT ANCILLARY. SEE OVERLAP JOINT, BUTTED DETAIL.
- (J) SEED AND FERTILIZE
- (K) 6" SALVAGED TOPSOIL, SEED, FERTILIZE & MULCH
- (L) MILL EXISTING ASPHALTIC CONCRETE PAVEMENT 2-INCHES AND REPLACE WITH A VARYING THICKNESS WARRANTED HMA PAVEMENT MAINLINE, OR HMA PAVEMENT ANCILLARY WITHIN 50'OF APPROACH SLAB. SEE OVERLAP JOINT, BUTTED DETAIL.
- (M) TEMPORARY PAVEMENT MARKING 4-INCH (WHITE EDGELINE)
- (N) TEMPORARY PAVEMENT MARKING 4-INCH (WHITE DASHES)
- (O) TEMPORARY PAVEMENT MARKING 4-INCH (YELLOW EDGELINE)
- (P) 3-INCHES WARRANTED HMA PAVEMENT ANCILLARY
- EXISTING PAVEMENT (SEE TYPICAL EXISTING SECTION)
- NEW PAVEMENT

NOTE:
SEE CROSS SECTIONS FOR CROSS SLOPES IN SUPERELEVATION.

PROJECT NO:1023-00-80 & 1023-06-75	HWY: IH 94 WEST BOUND	COUNTY: JACKSON & MONROE	TYPICAL EXISTING FROM FINISHED ASBUILT SECTIONS - WEST BOUND	SHEET 6	E

INFORMATION ONLY
COPY FROM 2008
AS-BUILT PLAN



NOTE:
OVERLAY THICKNESS VARIES (4" MIN.) IN SUPERELEVATION TRANSITION AREAS.

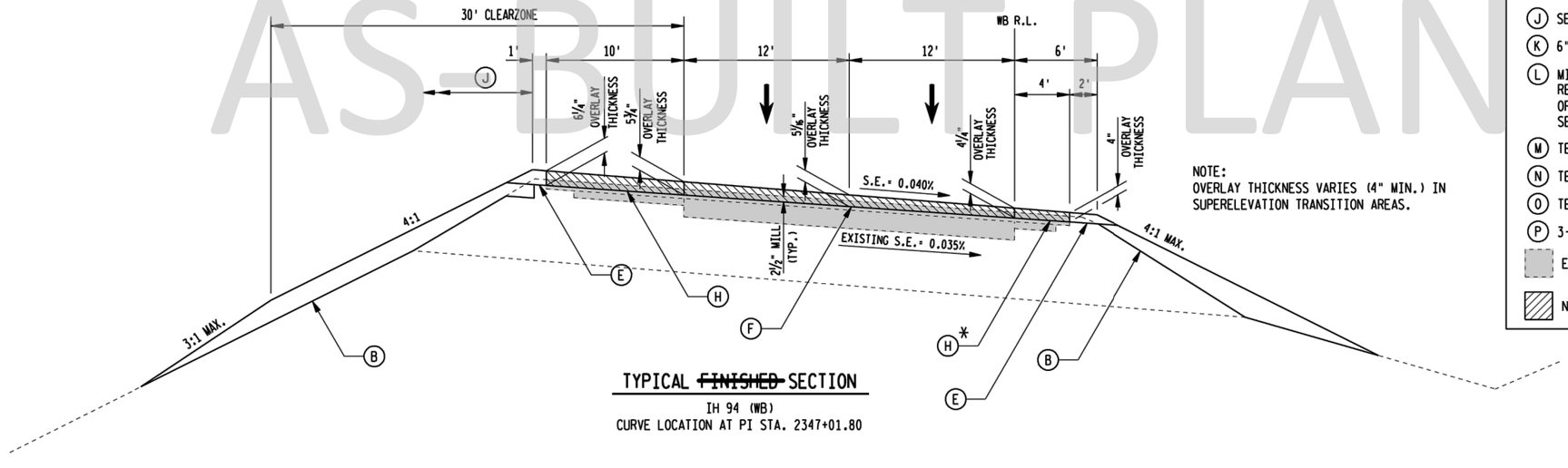
TYPICAL ~~FINISHED~~ SECTION

IH 94 (WB)
CURVE LOCATION AT PI STA. 2388+39.65

* PAID FOR AS HMA PAVEMENT ANCILLARY EVEN IF PAVED WITH MAINLINE PAVEMENT.

LEGEND

- (A) BASE AGGREGATE DENSE 1 1/4-INCH (12-INCH DEPTH)
- (B) BASE AGGREGATE DENSE 1 1/4-INCH (DEPTH VARIES)
- (C) 4-INCHES WARRANTED HMA PAVEMENT ANCILLARY
- (D) 6-INCHES WARRANTED HMA PAVEMENT ANCILLARY
- (E) BASE AGGREGATE DENSE 3/4-INCH (DEPTH OF ADJACENT PAVEMENT)
- (F) MILL EXISTING ASPHALTIC CONCRETE PAVEMENT 2 1/2-INCHES AND REPLACE WITH 4-INCHES WARRANTED HMA PAVEMENT MAINLINE
- (G) MILL WARRANTED HMA PAVEMENT 2 1/2-INCHES AND REPLACE WITH 4-INCHES WARRANTED HMA PAVEMENT ANCILLARY
- (H) MILL EXISTING ASPHALTIC CONCRETE PAVEMENT 2 1/2-INCHES AND REPLACE WITH 4-INCHES WARRANTED HMA PAVEMENT ANCILLARY
- (I) MILL WARRANTED HMA PAVEMENT 2-INCHES AND REPLACE WITH A VARYING THICKNESS (4-INCH MIN.) WARRANTED HMA PAVEMENT ANCILLARY. SEE OVERLAP JOINT, BUTTED DETAIL.
- (J) SEED AND FERTILIZE
- (K) 6" SALVAGED TOPSOIL, SEED, FERTILIZE & MULCH
- (L) MILL EXISTING ASPHALTIC CONCRETE PAVEMENT 2-INCHES AND REPLACE WITH A VARYING THICKNESS WARRANTED HMA PAVEMENT MAINLINE, OR HMA PAVEMENT ANCILLARY WITHIN 50'OF APPROACH SLAB. SEE OVERLAP JOINT, BUTTED DETAIL.
- (M) TEMPORARY PAVEMENT MARKING 4-INCH (WHITE EDGELINE)
- (N) TEMPORARY PAVEMENT MARKING 4-INCH (WHITE DASHES)
- (O) TEMPORARY PAVEMENT MARKING 4-INCH (YELLOW EDGELINE)
- (P) 3-INCHES WARRANTED HMA PAVEMENT ANCILLARY
- EXISTING PAVEMENT (SEE TYPICAL EXISTING SECTION)
- NEW PAVEMENT



NOTE:
OVERLAY THICKNESS VARIES (4" MIN.) IN SUPERELEVATION TRANSITION AREAS.

TYPICAL ~~FINISHED~~ SECTION

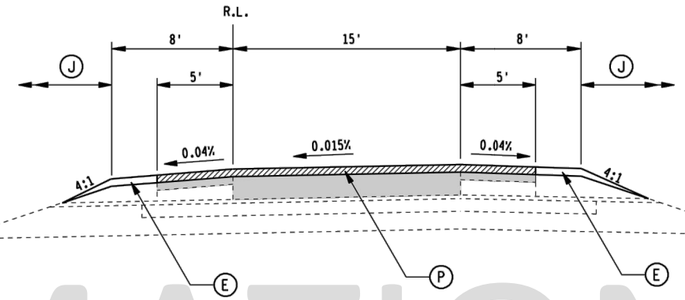
IH 94 (WB)
CURVE LOCATION AT PI STA. 2347+01.80

* PAID FOR AS HMA PAVEMENT ANCILLARY EVEN IF PAVED WITH MAINLINE PAVEMENT.

PROJECT NO: 1023-00-80 & 1023-06-75	HWY: IH 94 WEST BOUND	COUNTY: JACKSON & MONROE	TYPICAL EXISTING FROM FINISHED ASBUILT DRAWINGS - WEST BOUND	SHEET 7	E

INFORMATION ONLY

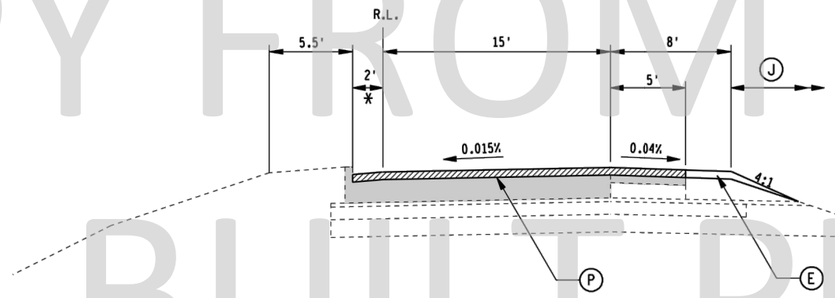
COPY FROM 2009 AS-BUILT PLAN



TYPICAL ~~FINISHED~~ SECTION

RAMPS

CTH O ENTRANCE RAMP STA. 2149'B'+00 - STA. 2154'B'+13.51
CTH O EXIT RAMP STA. 2153'D'+03.22 - STA. 2168'D'+00
CTH EW ENTRANCE RAMP STA. 35'K'+50 - STA. 45'K'+88
CTH EW ENTRANCE RAMP STA. 45'K'+88 - STA. 50'K'+24 LT
CTH EW EXIT RAMP STA. 35'J'+77- STA. 38'J'+10 LT
CTH EW EXIT RAMP STA. 39'J'+35- STA. 45'J'+10 RT



* 4' AT CTH EW EXIT RAMP STA. 35'J'+14 - STA. 39'J'+35 RT

TYPICAL ~~FINISHED~~ SECTION

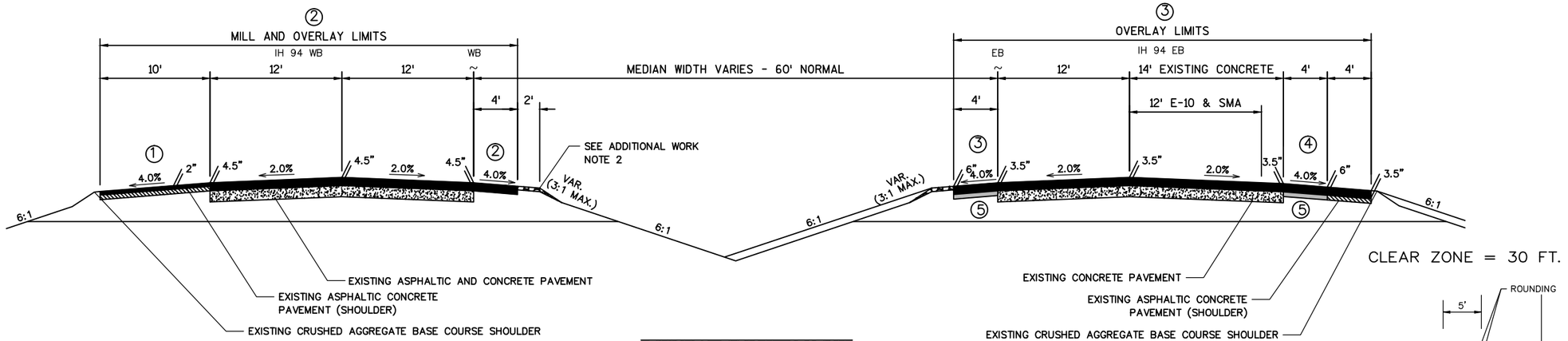
RAMPS WITH CURB & GUTTER

CTH EW ENTRANCE RAMP STA. 45'K'+88 - STA. 50'K'+24 RT
CTH EW EXIT RAMP STA. 38'J'+10 - STA. 45'J'+10 LT
CTH EW EXIT RAMP STA. 35'J'+14 - STA. 35'J'+77 LT
CTH EW EXIT RAMP STA. 35'J'+14 - STA. 39'J'+35 RT

LEGEND

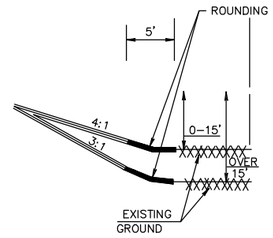
- (A) BASE AGGREGATE DENSE 1 1/4-INCH (12-INCH DEPTH)
- (B) BASE AGGREGATE DENSE 1 1/4-INCH (DEPTH VARIES)
- (C) 4-INCHES WARRANTED HMA PAVEMENT ANCILLARY
- (D) 6-INCHES WARRANTED HMA PAVEMENT ANCILLARY
- (E) BASE AGGREGATE DENSE 3/4-INCH (DEPTH OF ADJACENT PAVEMENT)
- (F) MILL EXISTING ASPHALTIC CONCRETE PAVEMENT 2 1/2-INCHES AND REPLACE WITH 4-INCHES WARRANTED HMA PAVEMENT MAINLINE
- (G) MILL WARRANTED HMA PAVEMENT 2 1/2-INCHES AND REPLACE WITH 4-INCHES WARRANTED HMA PAVEMENT ANCILLARY
- (H) MILL EXISTING ASPHALTIC CONCRETE PAVEMENT 2 1/2-INCHES AND REPLACE WITH 4-INCHES WARRANTED HMA PAVEMENT ANCILLARY
- (I) MILL WARRANTED HMA PAVEMENT 2-INCHES AND REPLACE WITH A VARYING THICKNESS (4-INCH MIN.) WARRANTED HMA PAVEMENT ANCILLARY. SEE OVERLAP JOINT, BUTTED DETAIL.
- (J) SEED AND FERTILIZE
- (K) 6" SALVAGED TOPSOIL, SEED, FERTILIZE & MULCH
- (L) MILL EXISTING ASPHALTIC CONCRETE PAVEMENT 2-INCHES AND REPLACE WITH A VARYING THICKNESS WARRANTED HMA PAVEMENT MAINLINE, OR HMA PAVEMENT ANCILLARY WITHIN 50'OF APPROACH SLAB. SEE OVERLAP JOINT, BUTTED DETAIL.
- (M) TEMPORARY PAVEMENT MARKING 4-INCH (WHITE EDGELINE)
- (N) TEMPORARY PAVEMENT MARKING 4-INCH (WHITE DASHES)
- (O) TEMPORARY PAVEMENT MARKING 4-INCH (YELLOW EDGELINE)
- (P) 3-INCHES WARRANTED HMA PAVEMENT ANCILLARY
- EXISTING PAVEMENT (SEE TYPICAL EXISTING SECTION)
- NEW PAVEMENT

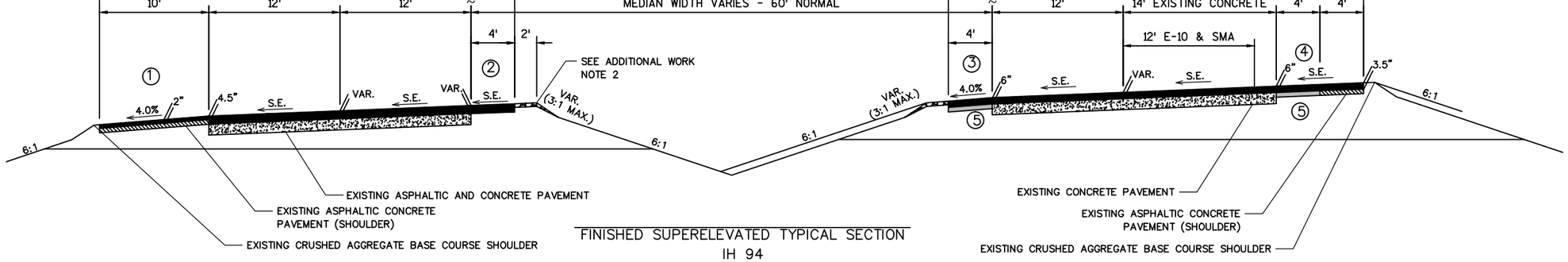
PROJECT NO:1023-00-80 & 1023-06-75	HWY:IH 94 WEST BOUND	COUNTY:JACKSON & MONROE	TYPICAL EXISTING FROM FINISHED ASBUILT DRAWINGS - WEST BOUND	SHEET 8	E



FINISHED TYPICAL SECTION
IH 94
JACKSON & MONROE COUNTY
CTH O – CTH EW
STA. 2137+61 – STA. 2614+00

CLEAR ZONE = 30 FT.





FINISHED SUPERELEVATED TYPICAL SECTION
IH 94
JACKSON & MONROE COUNTY
CTH O – CTH EW

SHAPING SHOULDERS REQUIRED
BASE AGGREGATE DENSE 3/4–INCH REQUIRED IN AREAS DESIGNATED BY ENGINEER

ADDITIONAL WORK

1) CONCRETE REPAIR, 6' MINIMUM X 12' DOWELED; LOCATIONS TO BE DETERMINED BY ENGINEER (SEE DETAIL)

2) SHAPING SHOULDERS REQUIRED; BASE AGGREGATE DENSE 3/4–INCH REQUIRED IN AREAS DESIGNATED BY ENGINEER

3) ASPHALTIC SHOULDER RUMBLE STRIP REQUIRED (SEE SDD 13A05–05A,B)

LEGEND

① MILL 2" AND OVERLAY SHOULDERS @ 10' WIDTH WITH 2.0" HMA TYPE E–0.3, AC PG 58–28, VAR. AT SUPERS

② IH 94 (WB) WILL BE SURFACE MILLED 4.5" AND OVERLAID @ 16' WIDTH AND 12' WIDTH WITH 2.5" E–10 LAYER, AC PG 64–34P AND 2" HMA PAVEMENT TYPE SMA SURFACE COURSE (AC PG 70–28).

③ IH 94 (EB) WILL BE OVERLAID @ 16' WIDTH AND 12' WIDTH WITH 1.5" E–10 LEVELING LAYER (AC PG64–34P) AND 2" HMA PAVEMENT TYPE SMA SURFACE COURSE (AC PG 70–28).

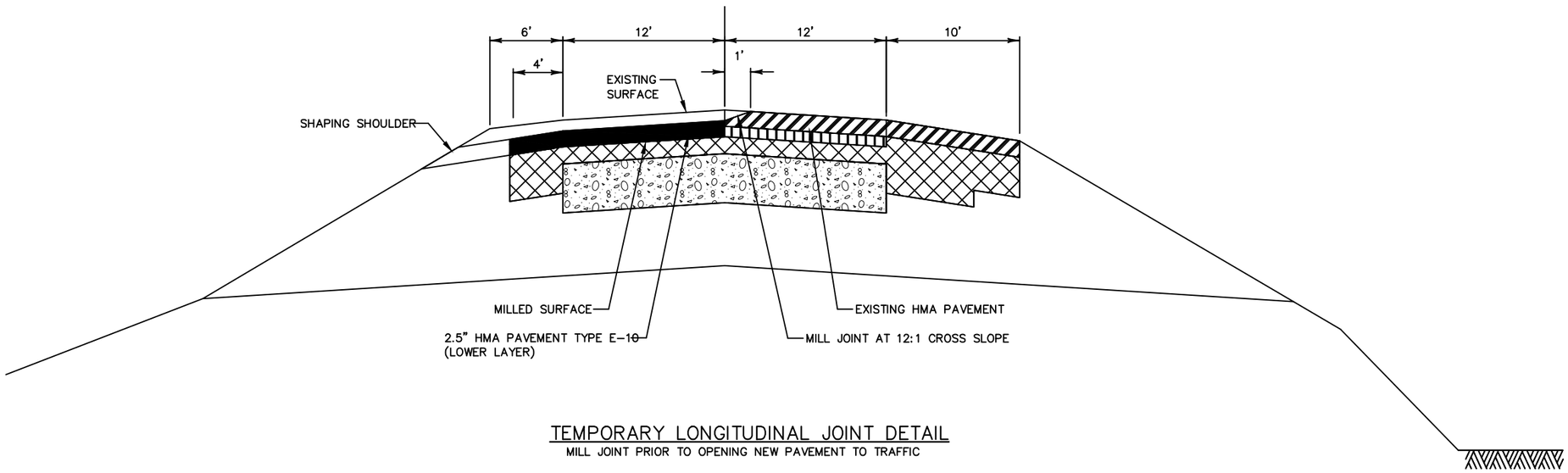
④ OVERLAY 10' SHOULDER WITH 3.5" HMA TYPE E–0.3 (AC PG 58–34), WITH 2 LAYERS 1.5" LEVELING LAYER AND 2" SURFACE COURSE, VAR. AT SUPERS

⑤ ASPHALTIC SHOULDER MILLED 4' @ 2.5" DEPTH AND REPLACE WITH 2.5" ASPHALTIC SURFACE, TO BE COMPLETED BEFORE SHIFTING TRAFFIC.

NOTE: REGRADE EXISTING 4:1 SIDE SLOPES TO 6:1

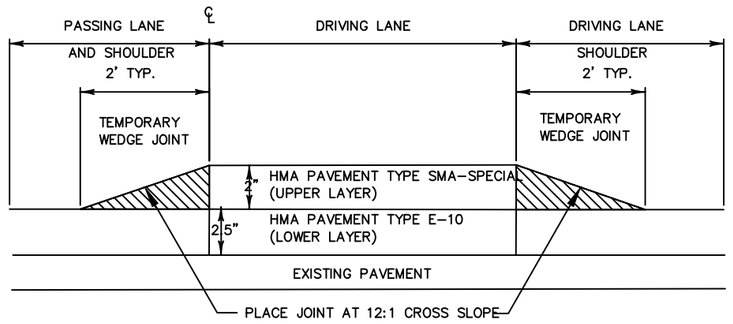
NOT TO SCALE

PROJECT NO: 1023-00-72/80, 06-73/75	HWY: IH 94	COUNTY: JACKSON AND MONROE	TYPICAL SECTIONS: PROPOSED (EB & WB)	SHEET 9	E



TEMPORARY LONGITUDINAL JOINT DETAIL

MILL JOINT PRIOR TO OPENING NEW PAVEMENT TO TRAFFIC



TEMPORARY WEDGE JOINT DETAIL

REQUIRED AT LONGITUDINAL JOINT PRIOR TO OPENING TO TRAFFIC

NOTES: TEMPORARY WEDGE JOINT REMOVAL TO BE PAID UNDER ITEM "MILLING AND REMOVING TEMPORARY JOINT".
REMOVE TEMPORARY WEDGE JOINT PRIOR TO PLACING ADJACENT SURFACE LAYERS.

2

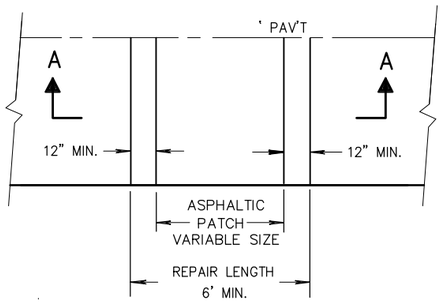
GENERAL NOTES

SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES. ADDITIONAL SAW CUTS ARE NOT PAID FOR BY THE DEPARTMENT.

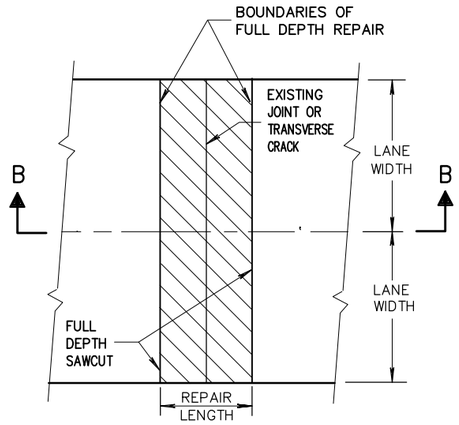
PROVIDE A 6–FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREAS TO ADJACENT TRANSVERSE JOINT OR CRACK IN THE SAME LANE.

THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NONDOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

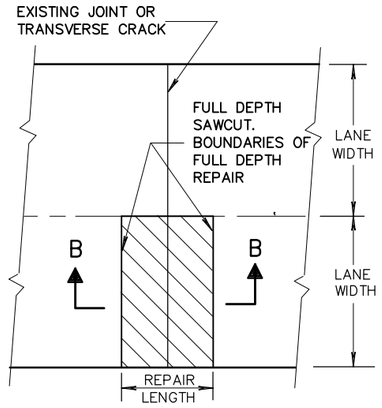
(1) DOWEL BARS MIGHT NOT EXIST.



PLAN VIEW



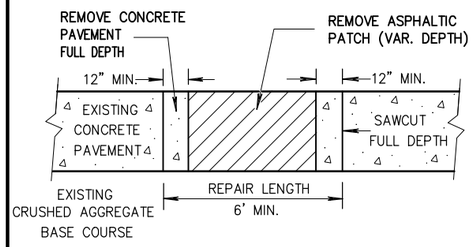
PLAN VIEW
(DOUBLE LANE REPAIR)



PLAN VIEW
(SINGLE LANE REPAIR)

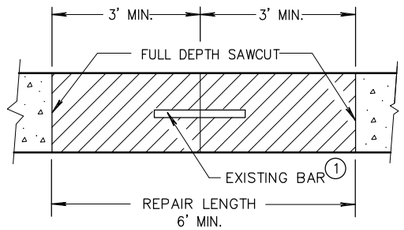
FULL DEPTH CONCRETE PAVEMENT REMOVAL

(SEE NOTE)



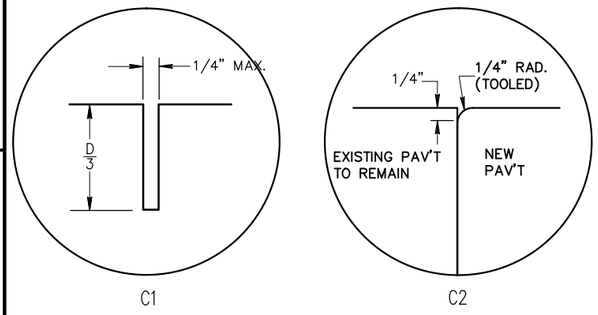
SECTION A–A

HMA PATCH REMOVAL



SECTION B–B

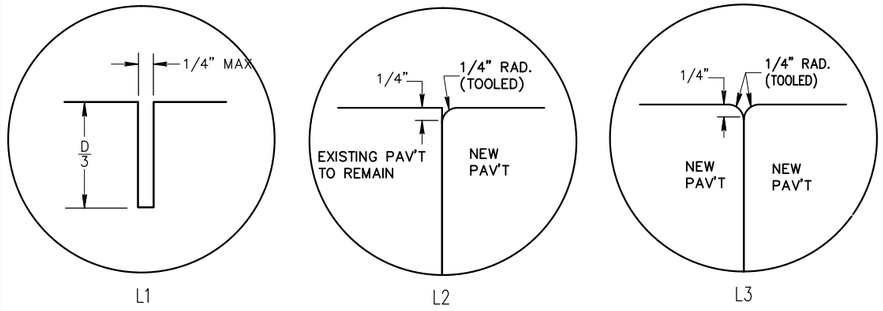
CONCRETE REMOVAL



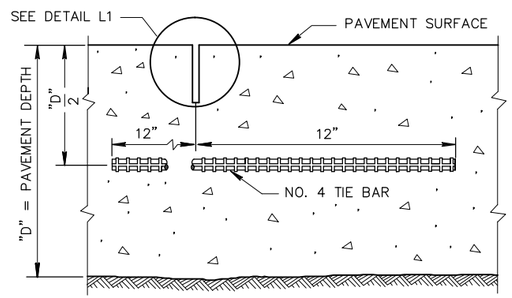
TRANSVERSE JOINTS

TIE BAR TABLE

PAVEMENT DEPTH "D"	CLEAR COVER "C"	MAXIMUM TIE BAR SPACING "S"	
		PAVEMENT WIDTH	
		24' OR 26'	≥30'
6, 6 1/2"	3"\1/2"	48"	42"
7, 7 1/2"	3 1/4"\1"	45"	36"
8, 8 1/2"	3 3/4"\1"	39"	30"
9, 9 1/2"	4 1/4"\1"	33"	27"
10, 10 1/2"	4 3/4"\1"	30"	24"
11, 11 1/2"	5 1/4"\1"	27"	21"
12"	5 3/4"\1"	24"	21"



LONGITUDINAL JOINTS



SECTION C-C

SAWED LONGITUDINAL JOINT

GENERAL NOTES

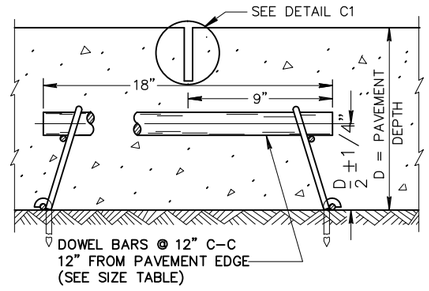
INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

DO NOT SEAL OR FILL JOINTS.

ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

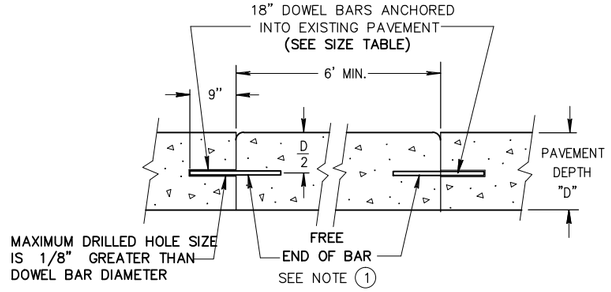
FOR MULTI-LANE CONCRETE PAVEMENT REPLACEMENTS, PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT OR EDGE.

(1) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

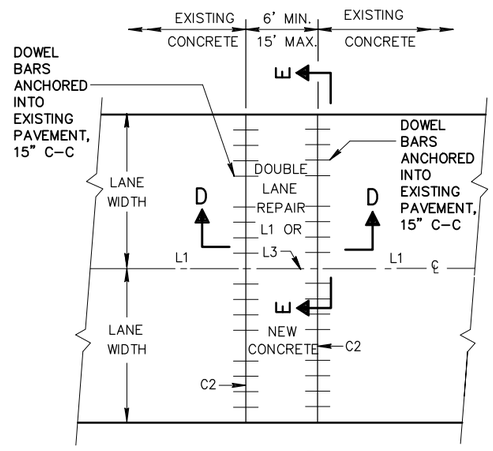


SECTION F-F

CONTRACTION JOINT

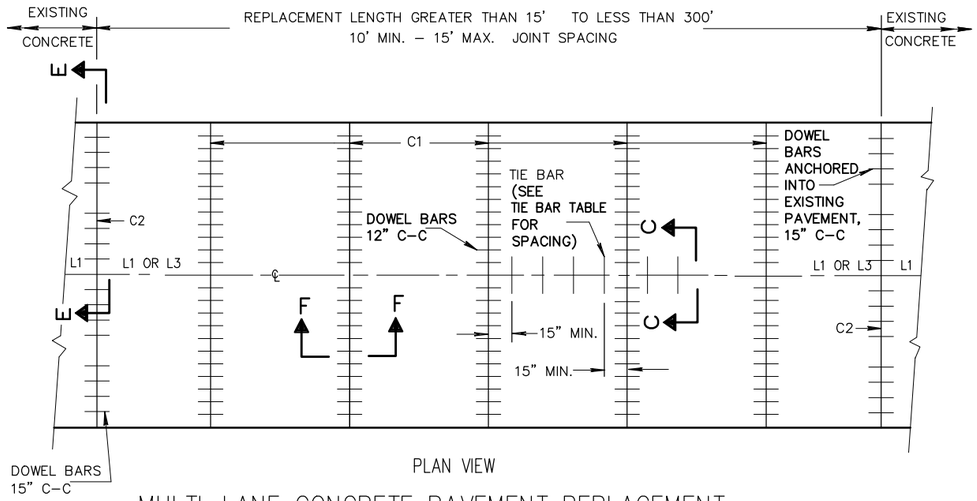


SECTION D-D



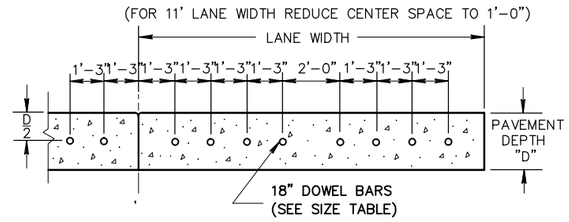
PLAN VIEW

MULTI-LANE CONCRETE PAVEMENT REPAIR
DOWELED SPECIAL



PLAN VIEW

MULTI-LANE CONCRETE PAVEMENT REPLACEMENT
DOWELED SPECIAL

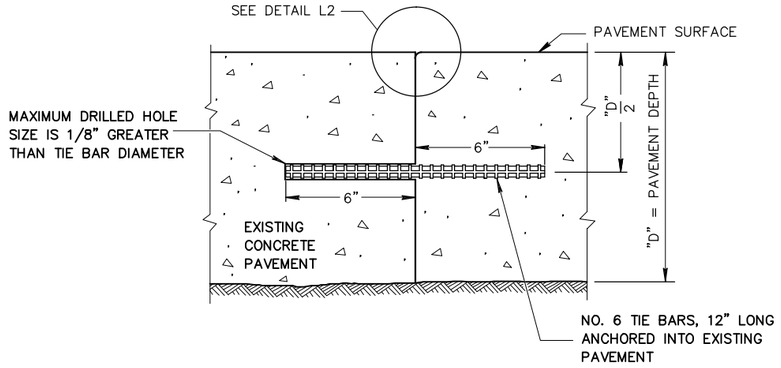


SECTION E-E

DRILLED DOWEL BAR CONSTRUCTION JOINT

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
5 1/2", 6",6 1/2"	NONE	12'
7",7 1/2"	1"	14'
8",8 1/2"	1 1/4"	15'
9",9 1/2"	1 1/4"	15'
10" & ABOVE	1 1/2"	15'



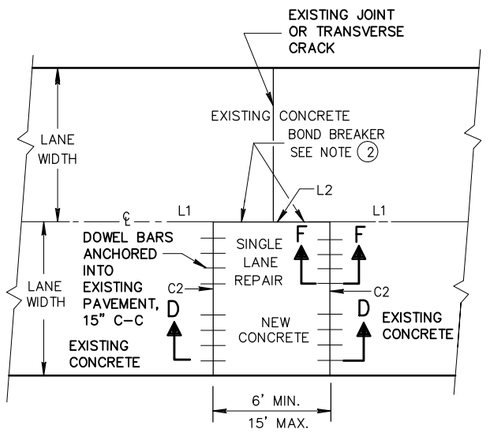
SECTION G-G

TIE BARS ANCHORED INTO EXISTING PAVEMENT

GENERAL NOTES

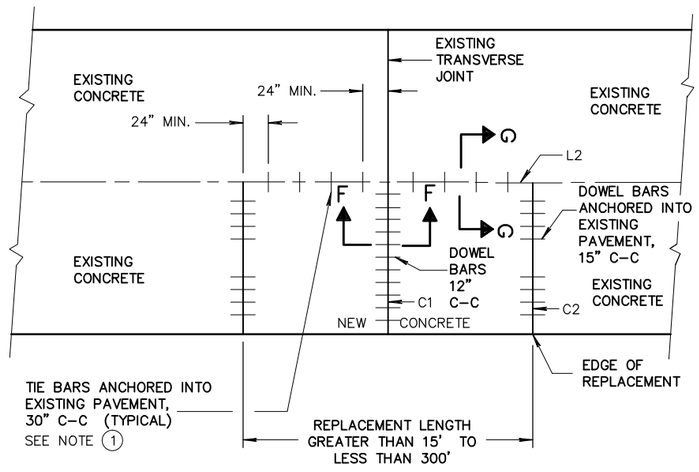
(1) WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES AND TO SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.

(2) USE AN ENGINEER-APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.



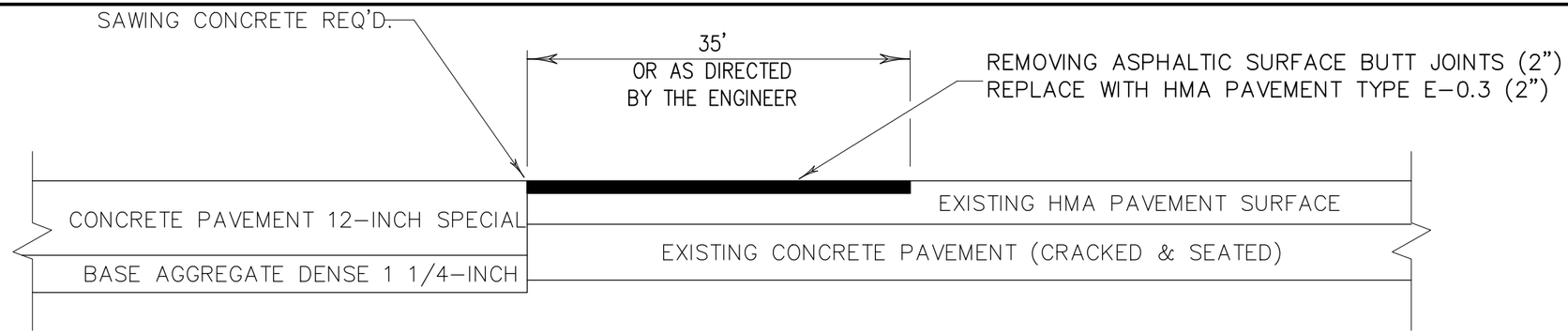
PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPAIR DOWELED SPECIAL

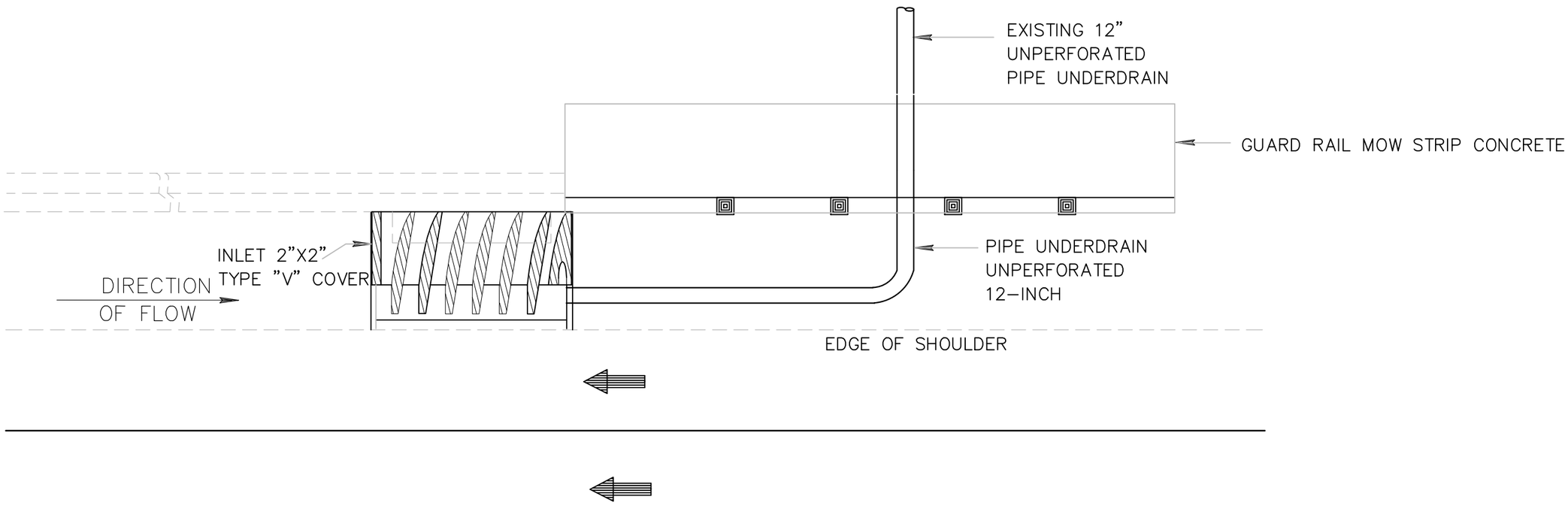


PLAN VIEW

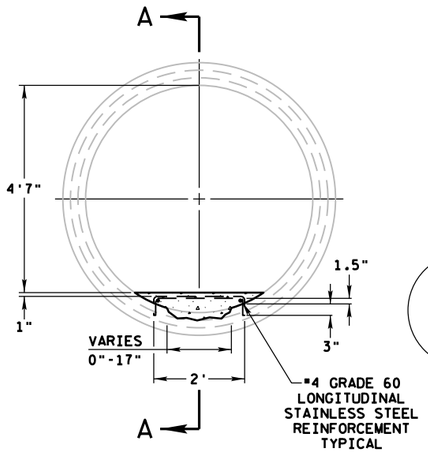
SINGLE LANE CONCRETE PAVEMENT REPLACEMENT DOWELED SPECIAL



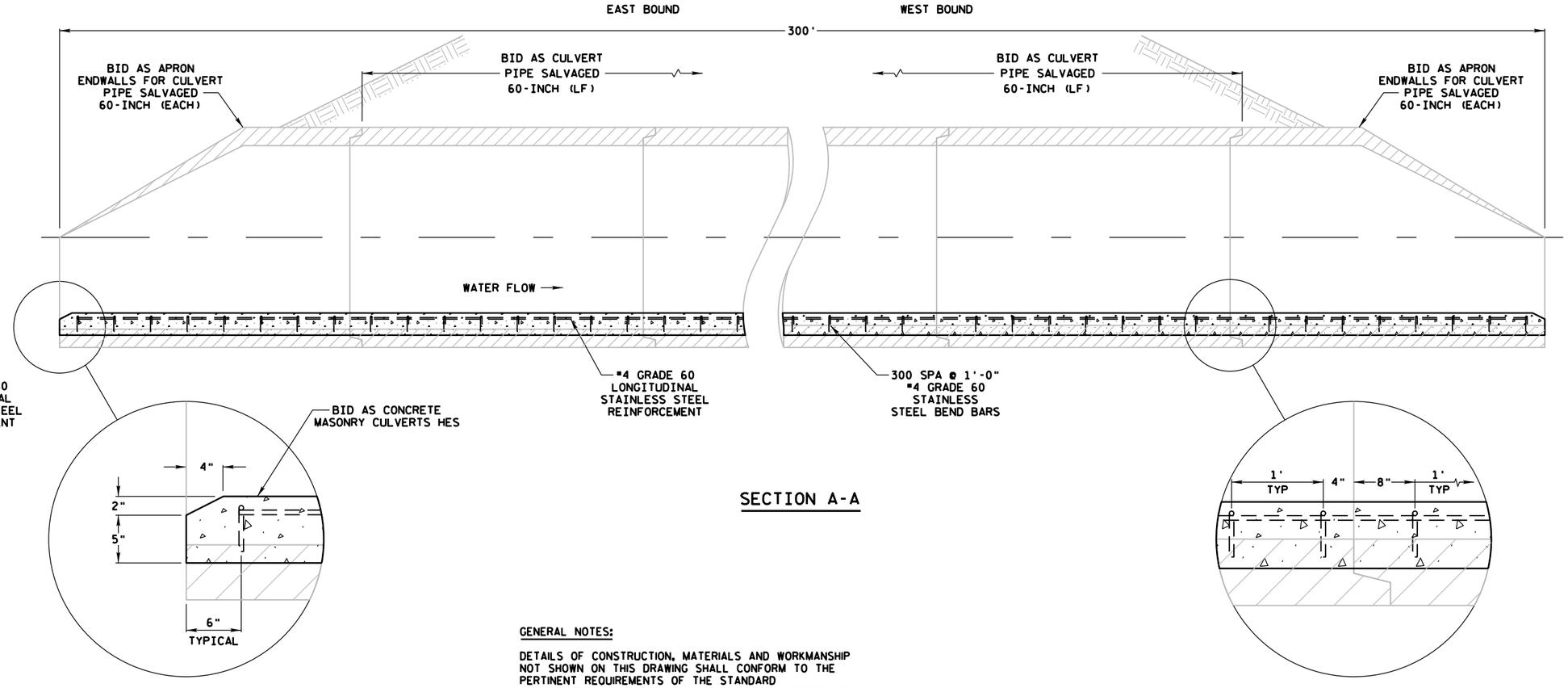
BUTT JOINT DETAIL FOR IH 94 MAINLINE PAVEMENT TRANSITIONS



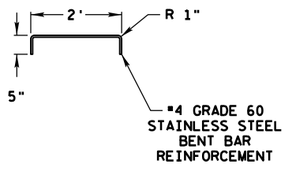
DRAINAGE STRUCTURE DETAIL



CROSS-SECTION OF PIPE



SECTION A-A



PROVIDE STAINLESS STEEL REINFORCEMENT ANCHORAGE
PER SECTION 502.2.12.1(1) OF THE STANDARD SPECIFICATIONS

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.

DE-WATER AND PROVIDE ALL TEMPORARY DRAINAGE FACILITIES NECESSARY TO PROTECT THE WORK AND ADJACENT PROPERTY. MAINTAIN TEMPORARY DRAINAGE IN EFFECTIVE OPERATING CONDITIONS, AS THE ENGINEER APPROVES. REMOVE AND DISPOSE OF TEMPORARY DRAINAGE FACILITIES AFTER THE CONCRETE FLOORING IS INSTALLED AND OPERATIONAL.

THE APRON ENDWALLS AND CULVERT PIPE MUST BE RESET AND TIED ACCORDING TO THE STANDARD SPECIFICATIONS FOR SALVAGING 60-INCH CULVERT PIPES AND ENDWALLS PRIOR TO CLEANING THE CULVERT. ONE ENDWALL AND TWO PIPE SECTIONS WILL BE SALVAGED ON EACH END OF THE CULVERT.

THE EXISTING CULVERT HAS SCOUR DAMAGE, AND THE EXTENT OF SAID DAMAGE VARIES THROUGHOUT THE CULVERT. CLEAN OUT CULVERT PRIOR TO PLACING THE CONCRETE FLOOR.

ALL STAINLESS STEEL REINFORCEMENT IN FLOOR SHALL BE EMBEDDED THREE (3) INCHES INTO THE PIPE UNLESS OTHERWISE NOTED.

EXISTING 60-INCH CONCRETE CULVERT PIPE, STA. 2546+00

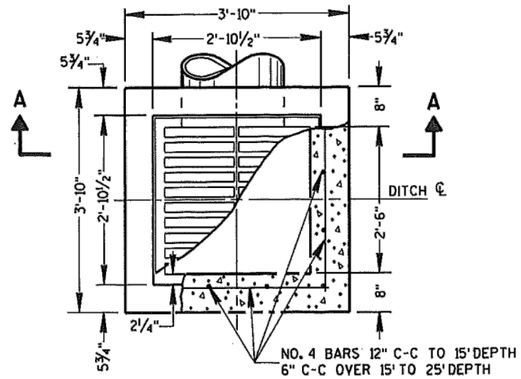
PROJECT NO: 1023-06-73, 1023-06-75	HWY: IH 94	COUNTY: MONROE	CONSTRUCTION DETAIL	SHEET 15	E

2

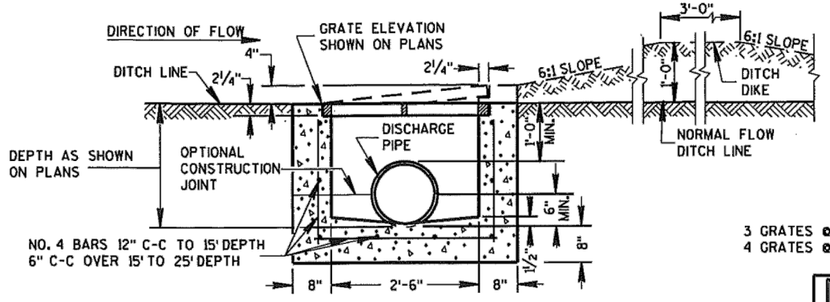
GENERAL NOTE:
DETAILS OF CONSTRUCTION MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS.

EXISTING 4:1 SLOPES WILL BE CHANGED TO 6:1.

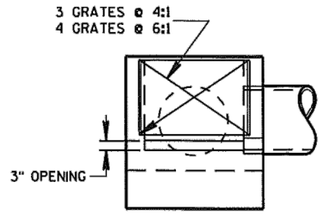
INCREASE HEIGHT OF INLET TO MATCH NEW 6:1 SLOPES.
PROVIDE TYPE L ANCHORS PER SECTION 502.2.12.1



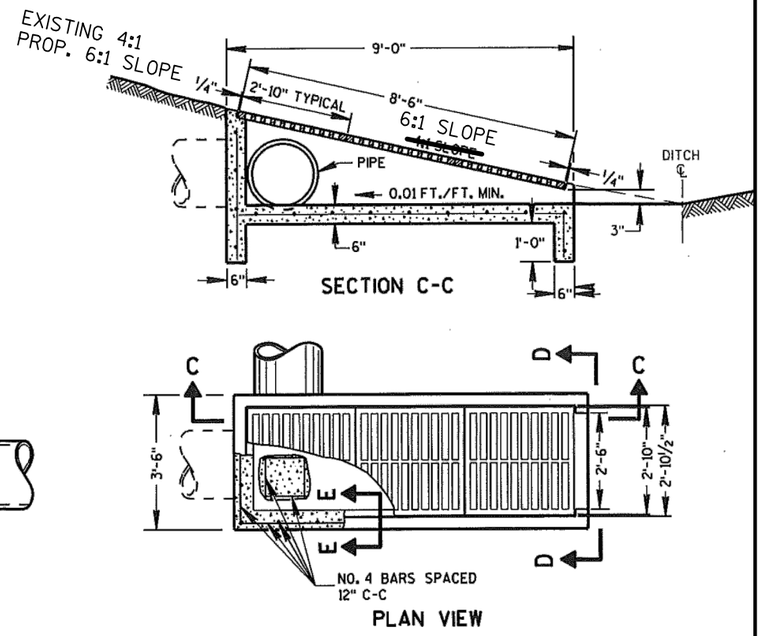
PLAN VIEW



SECTION A-A



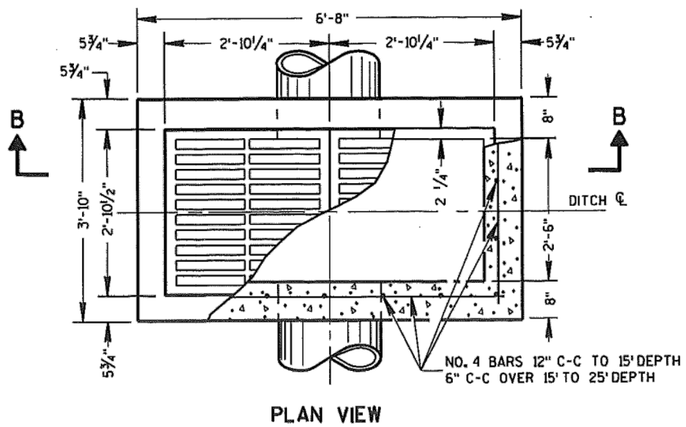
SECTION D-D



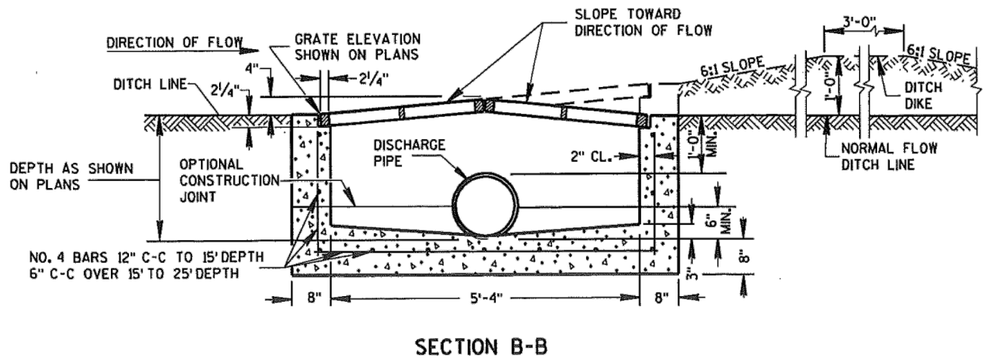
PLAN VIEW

REINFORCED CONCRETE INLET TYPE 8

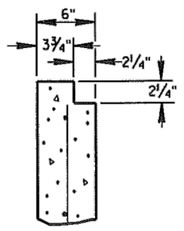
REINFORCED CONCRETE INLET TYPE 10



PLAN VIEW



SECTION B-B

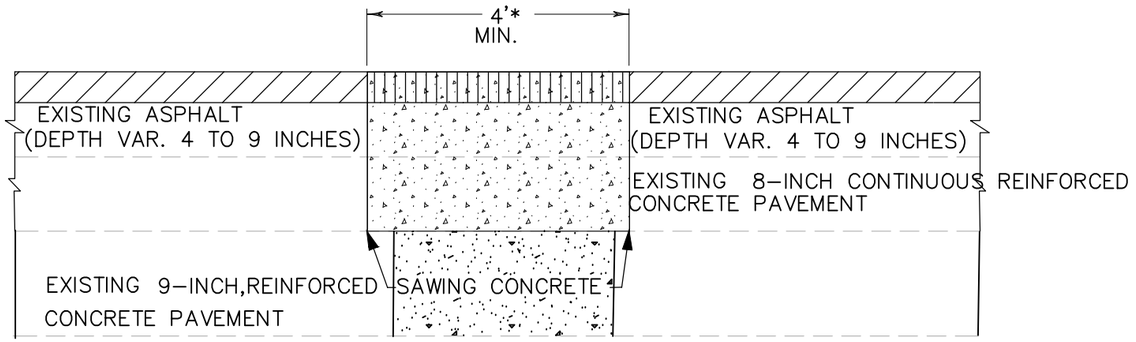


SECTION E-E

REINFORCED CONCRETE INLET TYPE 9

PROJECT NO: 1023-0072 & 1023-06-73	HWY: IH 94	COUNTY: JACKSON & MONROE	CONSTRUCTION DETAIL - RECONSTRUCT INLETS	SHEET 16	E

2



REMOVING ASPHALTIC SURFACE MILLING AND PAVE WITH HMA PAVEMENT

REMOVING CONCRETE SURFACE PARTIAL DEPTH AND PAVE WITH HMA PAVEMENT

CONCRETE PAVEMENT REPAIR NON DOWELED SPECIAL, TO BE PAID AS, SPV.0035.01 CONTINUOUSLY REIN. CONC. REPAIR SPECIAL.

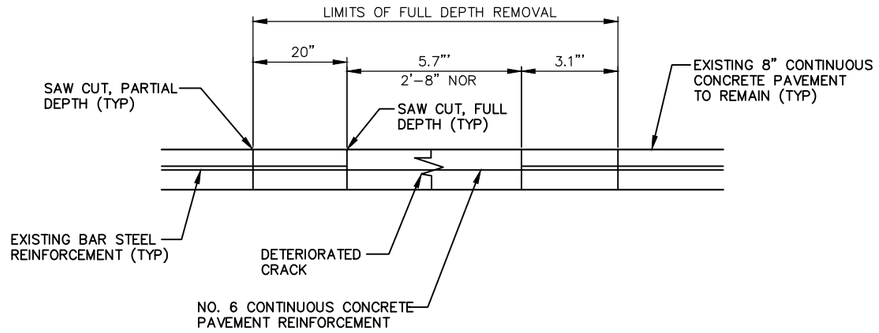
SIDE VIEW

* 4'–8' TYPICAL OR AS DIRECTED BY THE ENGINEER.

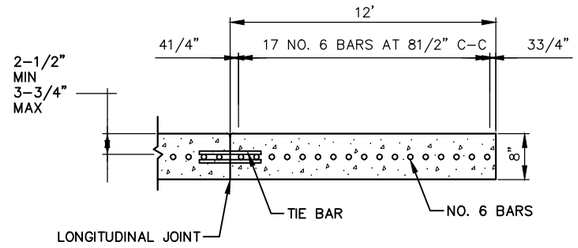
FROM THE LAST PATCHING JOB THE ASBUILT SHOWS
1 1/2" OF CONCRETE
WAS LEFT IN THE LOWER LAYER OF HMA.

PROJECT NO:1023-00-80 & 1023-06-75	HWY: IH 94	COUNTY: JACKSON & MONROE	TWO LAYERS OF CONCRETE PAVEMENT - WEST BOUND	SHEET 17	E

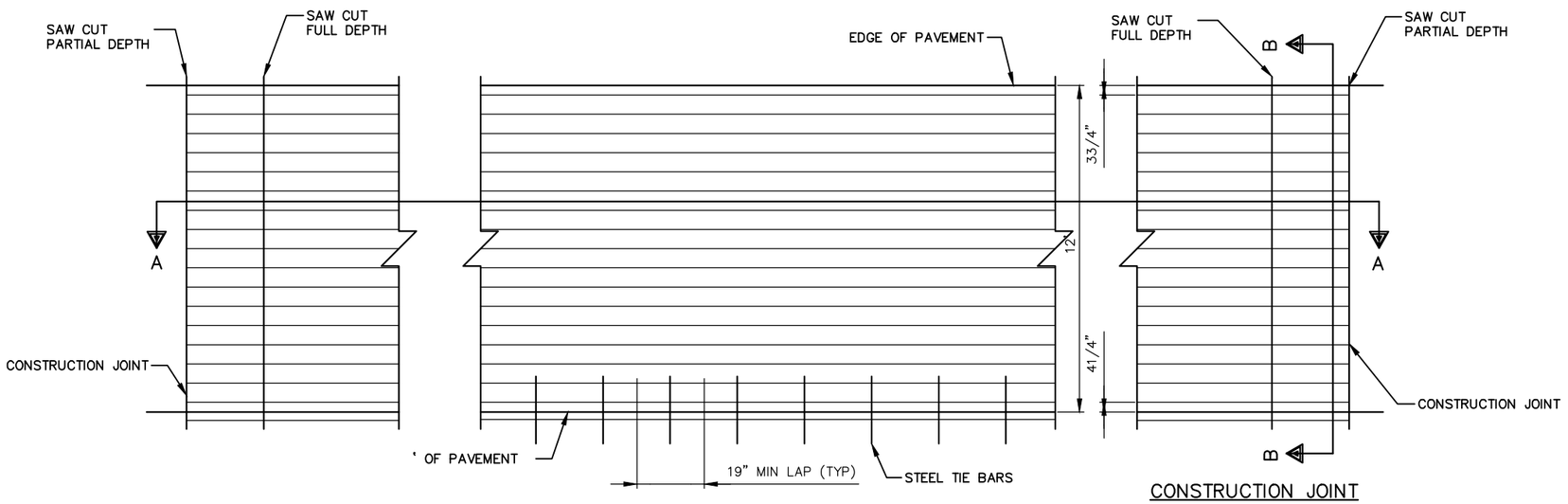
2



SECTION A–A



SECTION B–B



REINFORCEMENT STEEL PLACEMENT

CONSTRUCTION JOINT

CONTINUOUSLY REINFORCED CONCRETE REPAIR SPECIAL

NOTES:

NO. 6 BARS SHALL OVERLAP AND BE TIED TO EXISTING REINFORCEMENT AT BOTH ENDS OF REPAIR AREA (20" MINIMUM TRANSITION AREA).

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

WHEN THE CONTRACTOR ELECTS OR IS REQUIRED TO USE TRANSVERSE BARS TO SUPPORT LONGITUDINAL REINFORCEMENT THEY SHALL BE 11'–6" LONG AND THE SAME SIZE, SPACING AND STEEL GRADE AS THE TIE BARS.

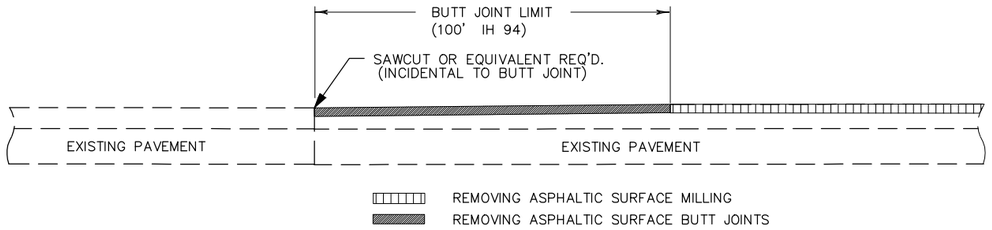
ALL BAR STEEL REINFORCEMENT SHALL BE PLACED IN THE CENTER OF THE PAVEMENT UNLESS OTHERWISE NOTED.

THE LONGITUDINAL JOINT SHALL BE SAW CUT ONE FOOT (1') \ FROM THE CENTERLINE TO FACILITATE FORM PLACEMENT FOR INITIAL LANE REPAIR.

THE CENTERLINE LONGITUDINAL JOINT SAW CUT TO BE PAID FOR AS LINEAR FEET OF FULL DEPTH SAW CUT.

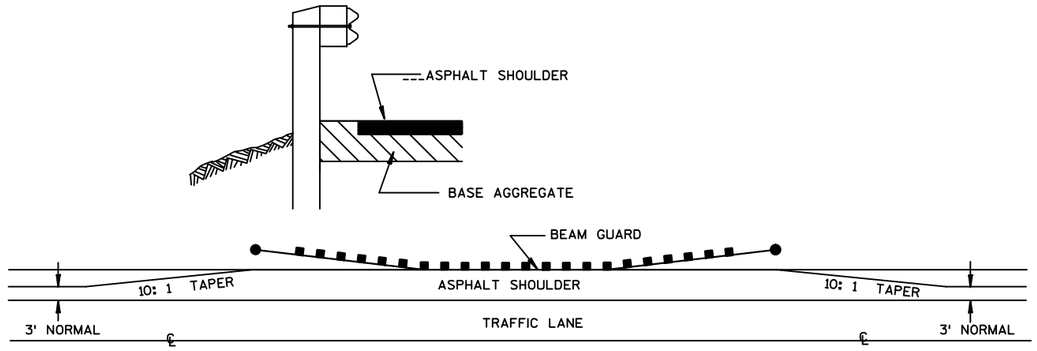
WHEN THE PASSING AND TRAVELING LANES ARE TO BE REPLACED, THE FIRST LANE REPLACED SHALL BE THE PASSING LANE.

NON EPOXY BARS ARE ALLOWED.

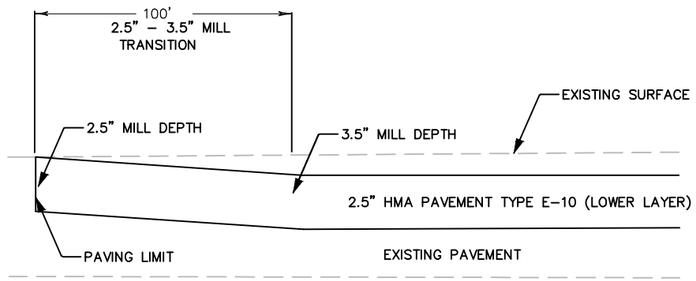


BUTT JOINT DETAIL (ASPHALT)

EXACT LOCATIONS AND DIMENSIONS DETERMINED BY THE ENGINEER.

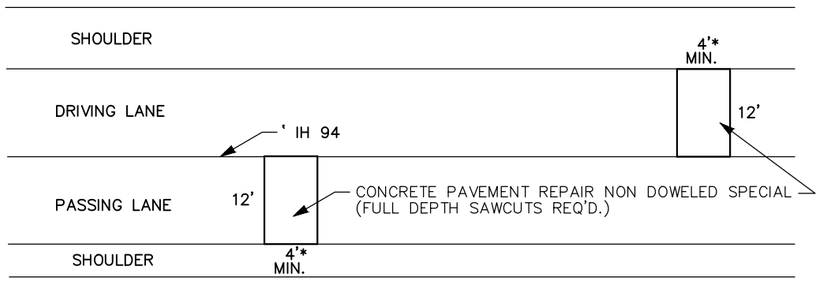


DETAIL FOR ASPHALT SHOULDER AT BEAM GUARD

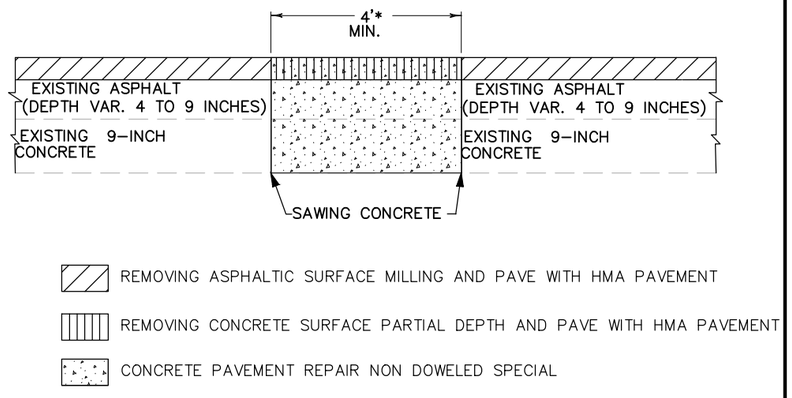


JOINT TRANSITION DETAIL: LOWER LAYER

REQUIRED AT BEGIN AND END PRIOR TO OPENING TO TRAFFIC
EXACT LOCATIONS AND DIEMENSIONS DETERMINED BY THE ENGINEER.



PLAN VIEW



SIDE VIEW

* 4'–8' TYPICAL OR AS DIRECTED BY THE ENGINEER.

NOTES

CONSTRUCT CONCRETE PAVEMENT REPAIR PRIOR TO HMA MILL & OVERLAY.

SAWING EXISTING ASPHALT OVERLAYED ON CONCRETE IS CONSIDERED INCIDENTAL TO SAWING CONCRETE.

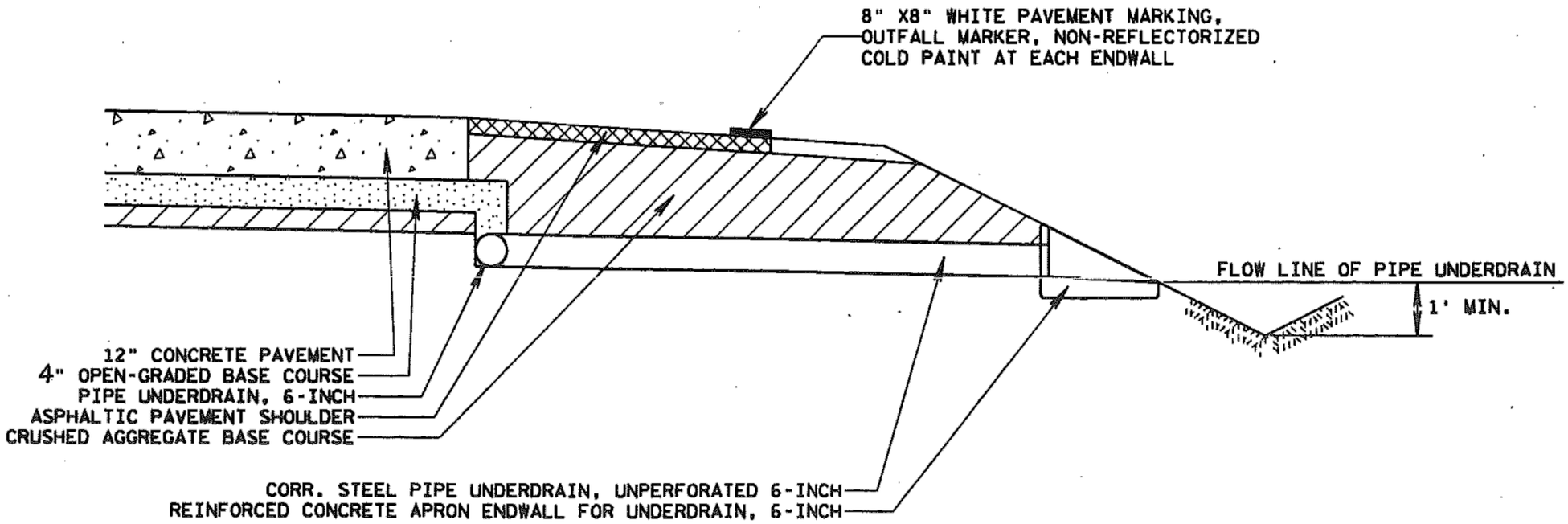
THICKNESS OF CONCRETE REPAIR MAY VARY. 9" TO 11" EB LAST 200' THICKNESS IS EXPECTED.

DAMAGE TO EITHER EXISTING PAVEMENTS OR EXISTING SHOULDERS DURING CONCRETE PAVEMENT REPAIR NON DOWELED SPECIAL SHALL BE REPAIRED AND CONSIDERED INCIDENTAL TO THE ITEM OF CONCRETE PAVEMENT REPAIR NON DOWELED SPECIAL.

CONCRETE PAVEMENT REPAIR NON DOWELED SPECIAL DETAIL

EXACT LOCATIONS DETERMINED BY THE ENGINEER.

2



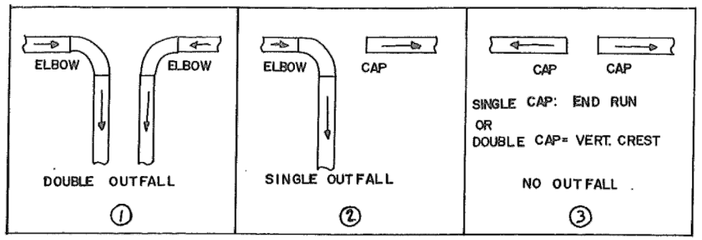
REMOVE CONCRETE ENDWALL
FILL IN TRENCH WITH
BASE AGGREGATE OPEN GRADED
3 FT. X 6 FT. APPROX.

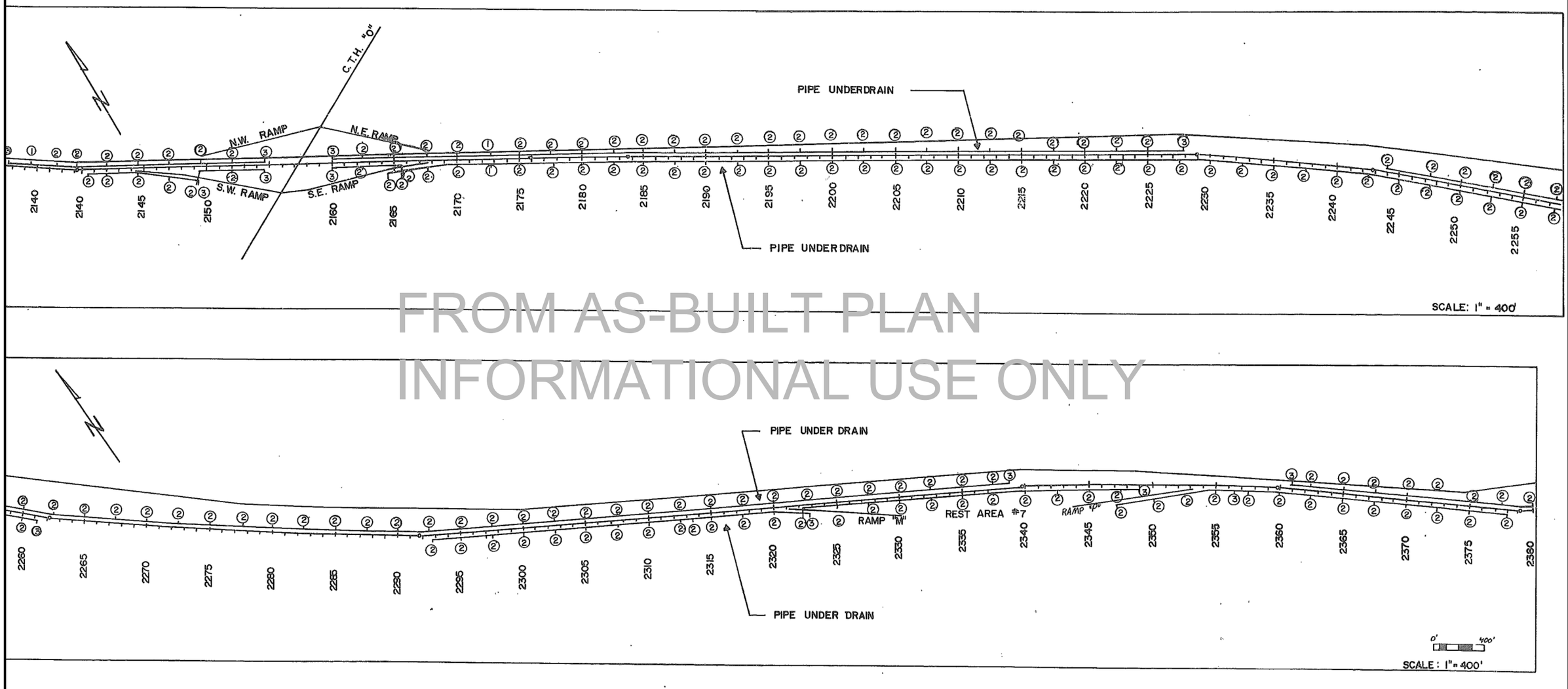
FROM AS-BUILT PLAN
INFORMATIONAL USE ONLY

PROJECT NO:1023-00-72 & 1023-06-73	HWY: IH 94	COUNTY: JACKSON & MONROE	EXISTING PIPE UNDERDRAIN	SHEET 20	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\CONSTRUCTION DETAILS 2014\PIPE ENDERDRAIN\022601_PU_TYPICAL.DWG
LAYOUT NAME - ****
PLOT DATE : 9/17/2015 11:03 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : Custom
WISDOT/CADDS SHEET 42

2

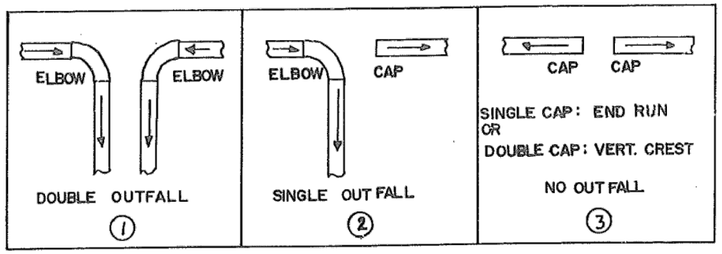


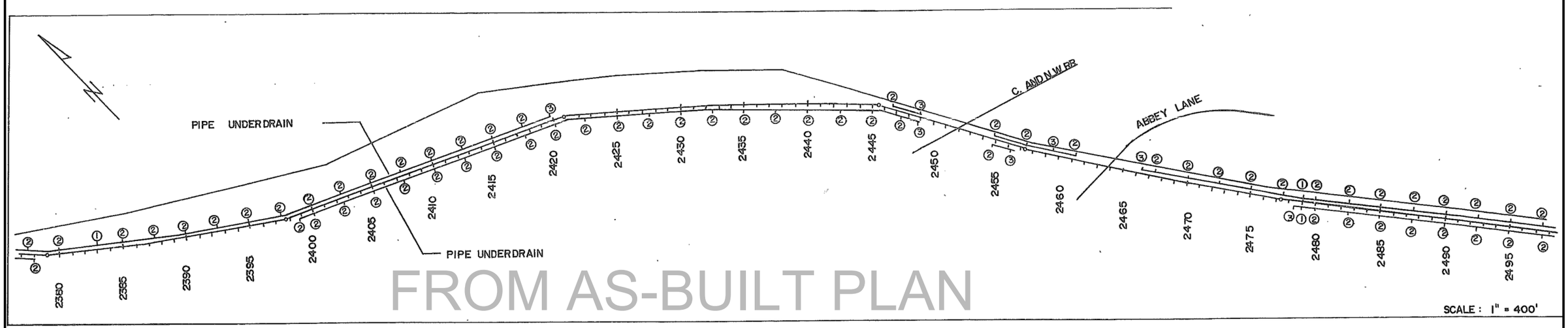


FROM AS-BUILT PLAN
INFORMATIONAL USE ONLY

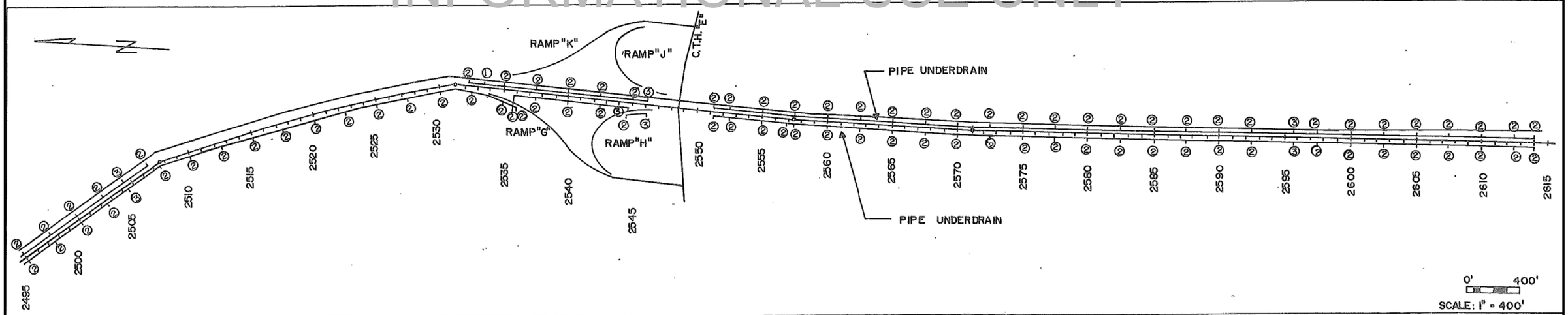
PROJECT NO: 1023-00-72 & 1023-06-73	HWY: IH 94	COUNTY: JACKSON & MONROE	EXISTING PIPE UNDERDRAIN	SHEET 21	E

2





FROM AS-BUILT PLAN
INFORMATIONAL USE ONLY



PROJECT NO: 1023-00-72 & 1023-06-73	HWY: IH 94	COUNTY: JACKSON & MONROE	EXISTING PIPE UNDERDRAIN	SHEET 22	E

N

LEGEND

- POST WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE
- MB — PORTABLE CHANGEABLE MESSAGE SIGN REMOTE CONTROL SEE ALT. ROUTE DETAIL FOR LOCATION
- * — A SPEED LIMIT SIGN SHALL BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP. THERE SHALL BE A SPEED LIMIT SIGN INCORPORATED A MINIMUM OF EVERY 2 TO 3 MILES WITHIN THE LANE CLOSURE.
- ** — SEE SDD 15D12–5A,B FOR TRAFFIC CONTROL LOCATED WITHIN THE TRANSITION AREA, BUFFER SPACE, AND WORK SPACE (WORK AREA).

GENERAL NOTES:

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIREABLE) DISTANCE TO EXISTING SIGNS.

TRAFFIC CONTROL SHOWN IS FOR LANE CLOSURES IN ONE DIRECTION AT ANY GIVEN TIME. IMPLEMENT TRAFFIC CONTROL IN BOTH DIRECTIONS IF LANE CLOSURES ARE IMPLEMENTED FOR BOTH DIRECTIONS.

COORDINATE LOCATIONS OF LANE CLOSURES/SPEED REDUCTION ADVANCED SIGNING WITH DETAILS SHOWN ON ALTERNATE ROUTE DETAIL.

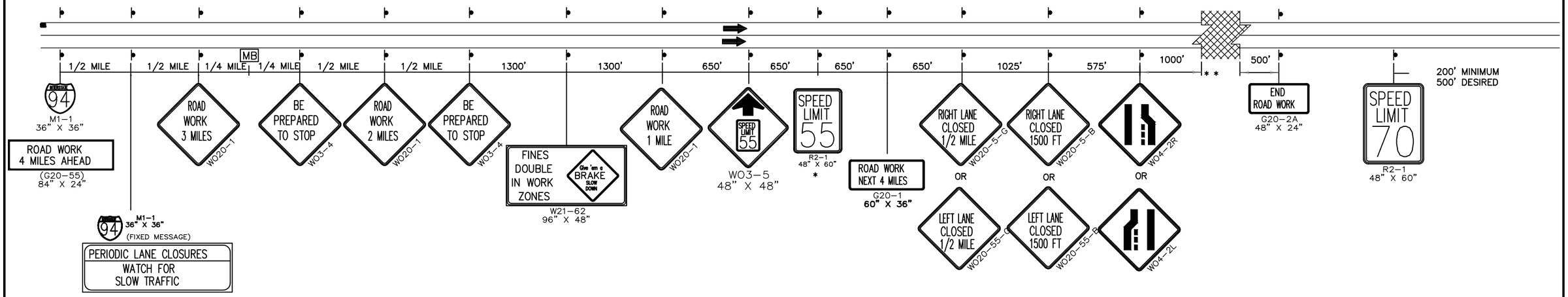
RETURN SPEED LIMIT TO 65 MPH AND COVER SIGNS DURING NON–WORKING HOURS.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.



PROJECT NO: 1023-00-72 / 1023-06-73	HWY: IH 94	COUNTY: JACKSON & MONROE	TRAFFIC CONTROL ADVANCED WARNING	SHEET 23	E

2

Millston
Robinson Cr.
Ketchum L.
Harkner Flowage
Lee L.
Clear Cr.
Wyman Cr.
Ranch Cr.
Hazel Dell L.
Alder Wood L.
Lemonweir R.
Dead
E. Fk.
GRANT
LYME
FORT
McCOY
LAFAYETTE
GREENFIELD
MILITARY
RESERVATION
Kirby
LINCOLN
LA GRANGE
Warrens
Norway Ridge
MEADOW VALLEY
SCOTT
WILDLIFE AREA
BYRON
Valley Jct.
Wyeville
Shen-nington
Tunnel City
FortMcCoy
Tomah
L. Tomah
Tarr
Sparta Cr.
Bai Lei Cr.
Stillwell Cr.
LaCrosse
Squaw
Cr.
CPR
128
12
135
94
143
145
147
45
43
173
21
O
HH
EW
EE
E
N
M
G
I
OO
ET
PP

2

LEGEND

FTMS CONVENTIONAL SYMBOLS

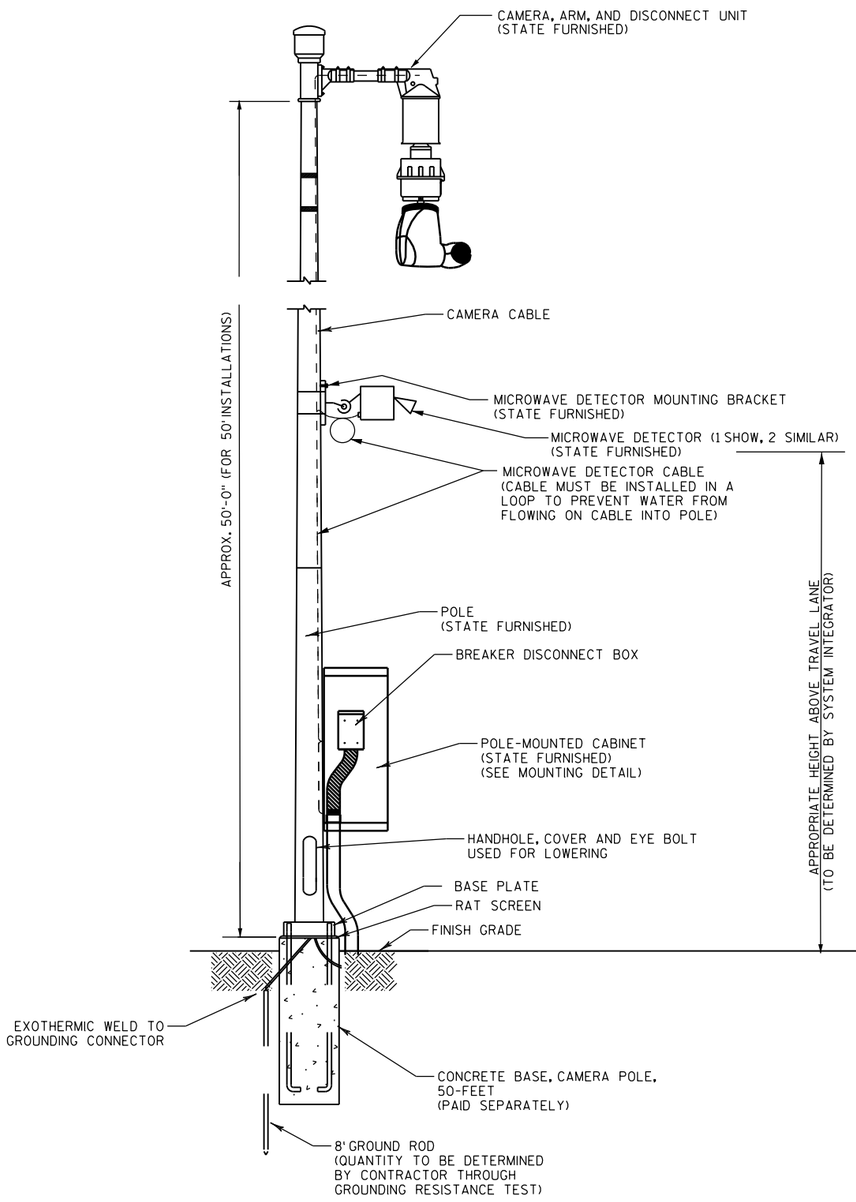
	PROPOSED
CCTV CAMERA AND POLE	
POLE MOUNTED CABINET	
METER BREAKER PEDESTAL	
24X42-INCH STEEL PULL BOX	
FTMS (ITS) CONDUIT	
BREAKER DISCONNECT BOX	
COMMUNICATIONS VAULT, TYPE 1	
DETECTION ZONE	
RAMP GATE	

FTMS STANDARD ABBREVIATIONS

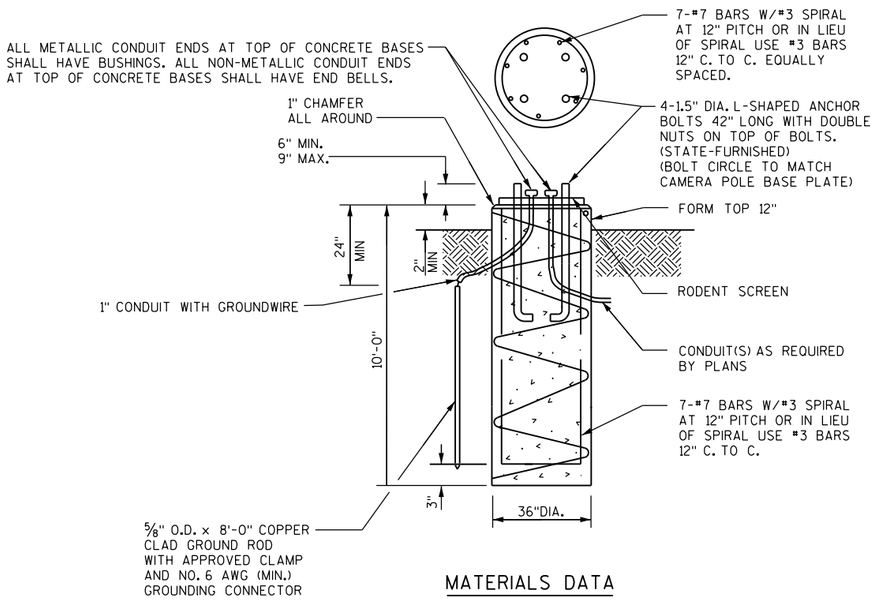
CB	CONTROLLER CABINET
CCTV	CLOSED CIRCUIT TELEVISION SITE
CV	COMMUNICATIONS VAULT
PB	PULL BOX
EX	EXISTING
S-F	STATE-FURNISHED
SDS	SYSTEM DETECTOR STATION
MB	METER BREAKER PEDESTAL
V	COMMUNICATIONS VAULT

FTMS GENERAL NOTES

1. THESE PLANS AND THE ASSOCIATED SPECIAL PROVISIONS REFLECT CONDITIONS KNOWN DURING THE DEVELOPMENT OF THE PLANS AND TECHNICAL SPECIAL PROVISIONS. ALL SCALES, DIMENSIONS AND LOCATIONS SHOWN IN THESE PLANS ARE APPROXIMATE. ACTUAL PHYSICAL FIELD CONDITIONS SHALL PROVIDE THE BASIS FOR THE APPLICATION OF WORK SHOWN IN THE PLANS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE APPLICATION OF ALL WORK SHOWN IN THE PLANS TO THE ACTUAL PHYSICAL FIELD CONDITIONS TO PROVIDE A COMPLETE AND ACCEPTED PROJECT. IN THE EVENT THAT ACTUAL PHYSICAL FIELD CONDITIONS AFFECT OR PREVENT THE APPLICATION OR PROGRESSION OF ANY WORK SHOWN IN THE PLANS OR TECHNICAL SPECIAL PROVISIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY, AND PRIOR TO ANY FURTHER WORK ACTIVITY. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY LOCATION CHANGES OTHER THAN MINOR ADJUSTMENTS.
2. BE AWARE THAT ALL EXISTING UNDERGROUND AND ABOVE GROUND STRUCTURES AND FACILITIES WITHIN THE SCOPE OF THIS PROJECT MAY NOT BE LOCATED IN THE PLANS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR LOCATING AND AVOIDING ALL UNDERGROUND AND ABOVE GROUND STRUCTURES AND FACILITIES.
3. BE AWARE THAT NO TEST BORINGS WERE MADE WHERE CONDUITS, PULLBOXES, POLES, CABINET FOUNDATIONS, OR OTHER EQUIPMENT IS TO BE INSTALLED. THE CONTRACTOR IS FULLY RESPONSIBLE FOR EXAMINING THE JOB SITE CONDITIONS BEFORE SUBMITTING BID PROPOSALS.
4. NO TREES (AND/OR SHRUBS) SHALL BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.
5. AREAS WITHIN THE RIGHT-OF-WAY DISTURBED SPECIFICALLY FOR FTMS CONSTRUCTION SHALL BE RESTORED TO THE ORIGINAL CONDITION WITH TOPSOIL, FERTILIZER, SEED, AND EROSION MAT, AND SHALL BE INCLUDED IN THE COST OF INSTALLING FTMS ITEMS. RESTORATION FOR AREAS DISTURBED FOR OTHER CONSTRUCTION OPERATIONS BUT ALSO CONTAINING FTMS CONSTRUCTION SHALL BE DONE ACCORDING TO REQUIREMENTS AND PAYMENT PROVISIONS FOR THE OTHER CONSTRUCTION OPERATIONS.
6. THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
7. DUE TO RAMP, LANE, SHOULDER CLOSURE RESTRICTIONS, AND WORK UNDER OTHER CONTRACTS, SOME WORK MAY BE REQUIRED TO BE PERFORMED AT NIGHT.
8. THE CONTRACTOR IS FULLY RESPONSIBLE FOR COORDINATING RAMP, LANE, SHOULDER, AND ROADWAY CLOSURES WITH OTHER CONTRACTS IN THE AREA.
9. THE CONTRACTOR SHALL CONTACT THE WISDOT STATEWIDE TRAFFIC OPERATIONS CENTER AT (414) 227-2166 FIVE (5) WORKING DAYS PRIOR TO ENTERING ANY EXISTING WISDOT FTMS OR ITS CABINET.
10. ALL LOOP DETECTORS ARE STATIONED TO CENTER OF LEADING EDGE AS APPROACHED BY NORMAL VEHICLE PATH.
11. HAND DIG TRENCHES CROSSING EXISTING CONDUIT CONTAINING FIBER OPTIC CABLE.
12. VISUALLY VERIFY DEPTHS OF EXISTING CONDUITS CONTAINING FIBER OPTIC CABLE PRIOR TO CROSSING BY DIRECTIONAL BORE OR SPECIAL METHOD.



CAMERA POLE WITH CAMERA LOWERING HARDWARE

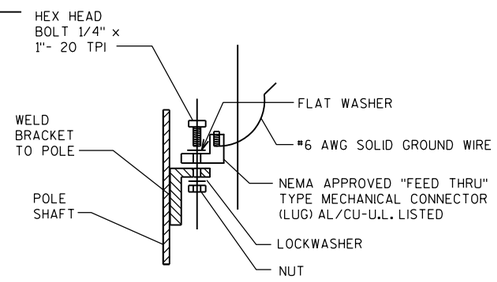


MATERIALS DATA

CONCRETE	f'c=3,500 psi
HIGH STRENGTH BAR STEEL REINFORCEMENT	fy = 60,000 psi

CONCRETE BASE, 50' CAMERA POLE

NOT TO SCALE



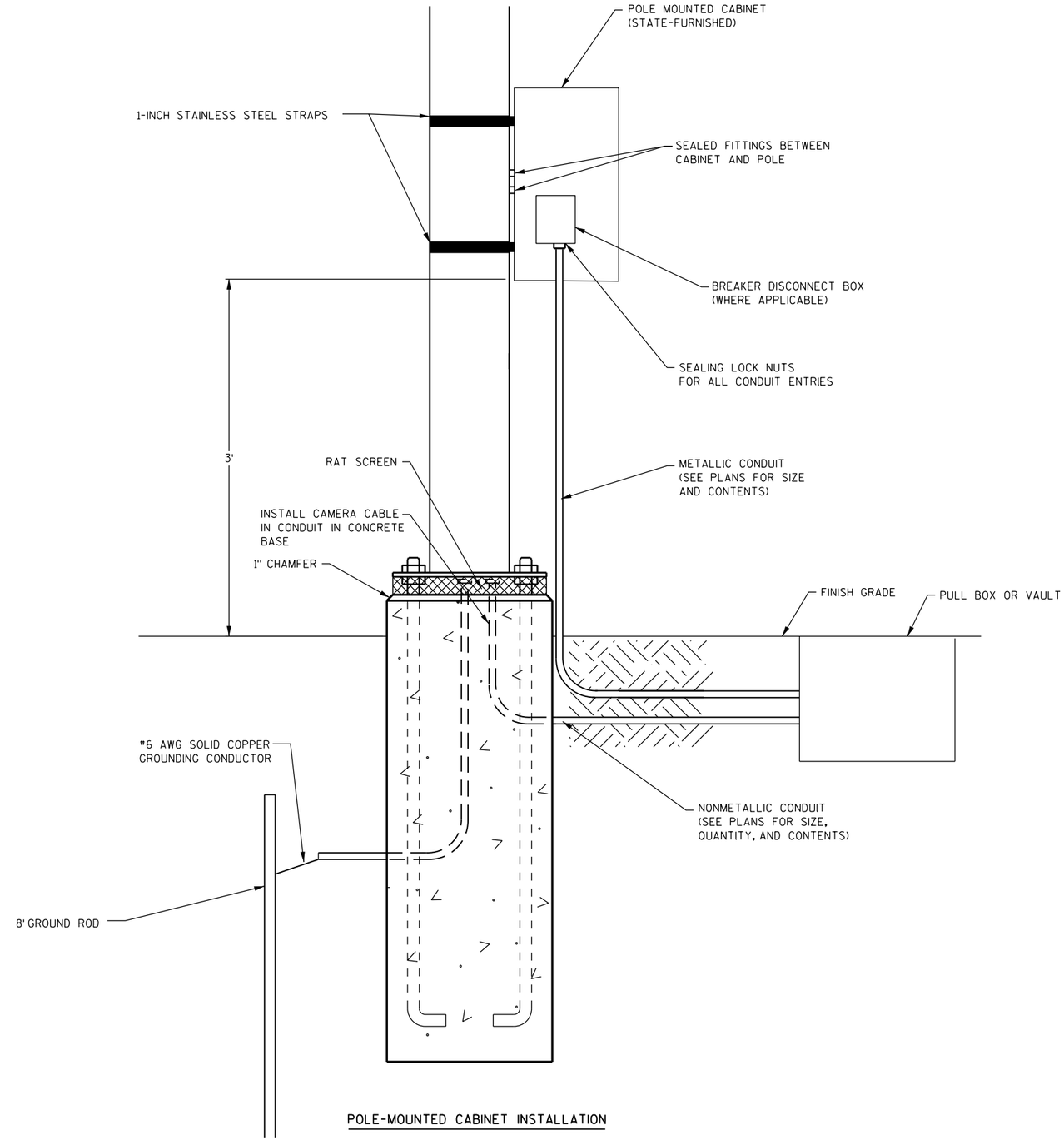
FIELD INSTALLED GROUNDING LUG

CAMERA POLES & FOUNDATIONS

NOTES

1) ALL HARDWARE AND FASTENERS SHALL BE STAINLESS STEEL
2) POLE DRAWINGS SHOWN FOR BIDDING INFORMATION PURPOSES ONLY. POLES WILL BE STATE FURNISHED. BASE TO BE CONTRACTOR DESIGNED.
3) CONTRACTOR SHALL CONFIRM BOLT PATTERN OF CAMERA POLE PRIOR TO CONSTRUCTION OF CONCRETE BASE.
4) CONTRACTOR SHALL INSTALL GROUNDING LUG AS SHOWN

2



POLE-MOUNTED CABINET INSTALLATION

CLOGATE20.DGN

PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: JACKSON	FTMS CONSTRUCTION DETAILS	SHEET 27	E

2

2

V01 / MD877ECL
(1) TYPE 1 COMMUNICATIONS VAULT
EXCAVATE EXISTING COMMUNICATIONS VAULT TO EXPOSE IT TO INSTALL NEW CONDUIT AND CABLE INTO IT. PLACE NEW TYPE 1 COMMUNICATIONS VAULT ON EXISTING VAULT TO BRING THE TOP OF THE NEW VAULT TO EXISTING GRADE.
(8) F.O. SPLICES IN NEW F.O. SPLICE ENCLOSURE (S-F)

(2) 2-INCH NONMETALLIC CONDUITS, SPECIAL
(1) WITH (1) 6-COUNT FOC (S-F) AND
(1) NO. 10 AWG TRAFFIC SIGNAL WIRE

EDGE OF PAVEMENT

8'

17'-10in

PB05

RAMP GATE G27-12
(1) TYPE 5 CONCRETE BASE
(1) 11-1/2-INCH TRANSFORMER BASE
(1) 37-FOOT ON-RAMP CLOSURE GATE, HARDWIRED

(2) 2-INCH NONMETALLIC CONDUITS
(1) WITH (1) 2/C NO. 12 AWG GROUNDED CABLE

(1) 2-INCH METALLIC CONDUIT WITH
(3) NO. 6 AWG LIGHTING WIRES

CCTV-27-0036 / SDS-27-0008
(1) 50-FOOT CAMERA POLE BASE
(1) 50-FOOT CAMERA POLE (S-F)
(1) CCTV CAMERA (S-F)
(1) MICROWAVE VEHICLE DETECTOR (S-F)
(1) POLE-MOUNTED CABINET (S-F)
(1) BREAKER DISCONNECT BOX
(1) 12-COUNT F.O. TERMINATION PANEL (S-F)
(6) F.O. TERMINATIONS
(1) ETHERNET SWITCH (S-F)

PB04

(2) 2-INCH NONMETALLIC CONDUITS, SPECIAL
(1) WITH (1) 6-COUNT FOC (S-F) AND
(1) NO. 10 AWG TRAFFIC SIGNAL WIRE
(1) WITH (1) 2/C NO. 12 AWG GROUNDED CABLE

(2) 2-INCH NONMETALLIC CONDUITS
(1) WITH (1) 6-COUNT FOC (S-F) AND
(1) NO. 10 AWG TRAFFIC SIGNAL WIRE
(1) WITH (2) 2/C NO. 12 AWG GROUNDED CABLES

PB03

(2) 2-INCH NONMETALLIC CONDUITS
(1) WITH (3) NO. 6 AWG LIGHTING WIRES AND
(1) 2/C NO. 12 AWG GROUNDED CABLE

(2) 2-INCH NONMETALLIC CONDUITS
(1) WITH (1) 2/C NO. 12 AWG GROUNDED CABLE

EDGE OF PAVEMENT

RAMP GATE G27-13
(1) TYPE 5 CONCRETE BASE
(1) 11-1/2-INCH TRANSFORMER BASE
(1) 37-FOOT ON-RAMP CLOSURE GATE, HARDWIRED

17'-10in

8'

PB02

PB01

(1) 2-INCH NONMETALLIC CONDUIT WITH
(3) NO. 6 AWG LIGHTING WIRES

(1) 2-INCH NONMETALLIC CONDUIT, SPECIAL WITH
(3) NO. 6 AWG LIGHTING WIRES

MB01

I 94

CTH "O"

SIGN

SS

U/C

N

PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: JACKSON	FTMS DESIGN	SHEET 28	E

FILE NAME : \\mlww400\ingrproj\63099\Jackson_County\10230080\10230080_FM_05.dgn PLOT DATE : 9/21/2015 PLOT BY : pkutz PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

2535

2540

2545

P.C. 33 "G" = 2533 + 63.63 = 36' RT.

35"G"

P.I. = 36"G" + 74.53
I. = 224°-17'-22"
Δ. = 44°-17'-22"
D. = 7°-30'
T. = 310.90'
L. = 590.53'
E. = 60.84'
R. = 763.95'

P.I. 36"G" + 74.53 = 2536 + 74.53 - 36' RT.

"G" RAMP

2538 + 97.08 253.10'

P.T. 39"G" + 54.16

40"G"

296.30'

2541 + 09.18 460.00'

PC. 42"G" + 50.46

P.I. 41"H" + 55.51

2540 + 08.75 543.25'

2542 + 37.57 585.25'

45"G"

P.T. 45"G" + 91.15 = P.C. 37"H" + 47.32 - 42' LT.

P.I. 44"G" + 29.83

2544 + 16.84 543.25'

42.0'

50"G"

80°-10'-07"

51"G" + 34.70 = 13"E" + 90.22

2542 + 52.98 216.19'

P.I. 43"H" + 57.10

PCC. 42"H" + 00.00

"H" RAMP

P.I. = 41"H" + 55.51
I. = 306°-45'
Δ. = 126°-45'
D. = 28°
T. = 408.19'
L. = 452.68'
E. = 251.98'
R. = 204.63'

P.I. = 43"H" + 57.10
I. = 222°-00'
Δ. = 42°-00'
D. = 14°
T. = 157.10'
L. = 300'
E. = 29.12'
R. = 409.26'

2543 + 46.98 90.31'

2545 + 00.97 59.68

PCC. 45"H" + 00.00

P.I. 45"H" + 75.24 = 2545 + 74.76 - 45' RT.

P.I. = 45"H" + 75.24
I. = 191°-15'
Δ. = 11°-15'
D. = 7°-30'
T. = 75.24'
L. = 150'
E. = 3.70'
R. = 763.95'

P.I. = 44"G" + 29.83
I. = 135°-42'-38"
Δ. = 44°-17'-22"
D. = 13°
T. = 179.37'
L. = 340.69'
E. = 35.10'
R. = 440.74'

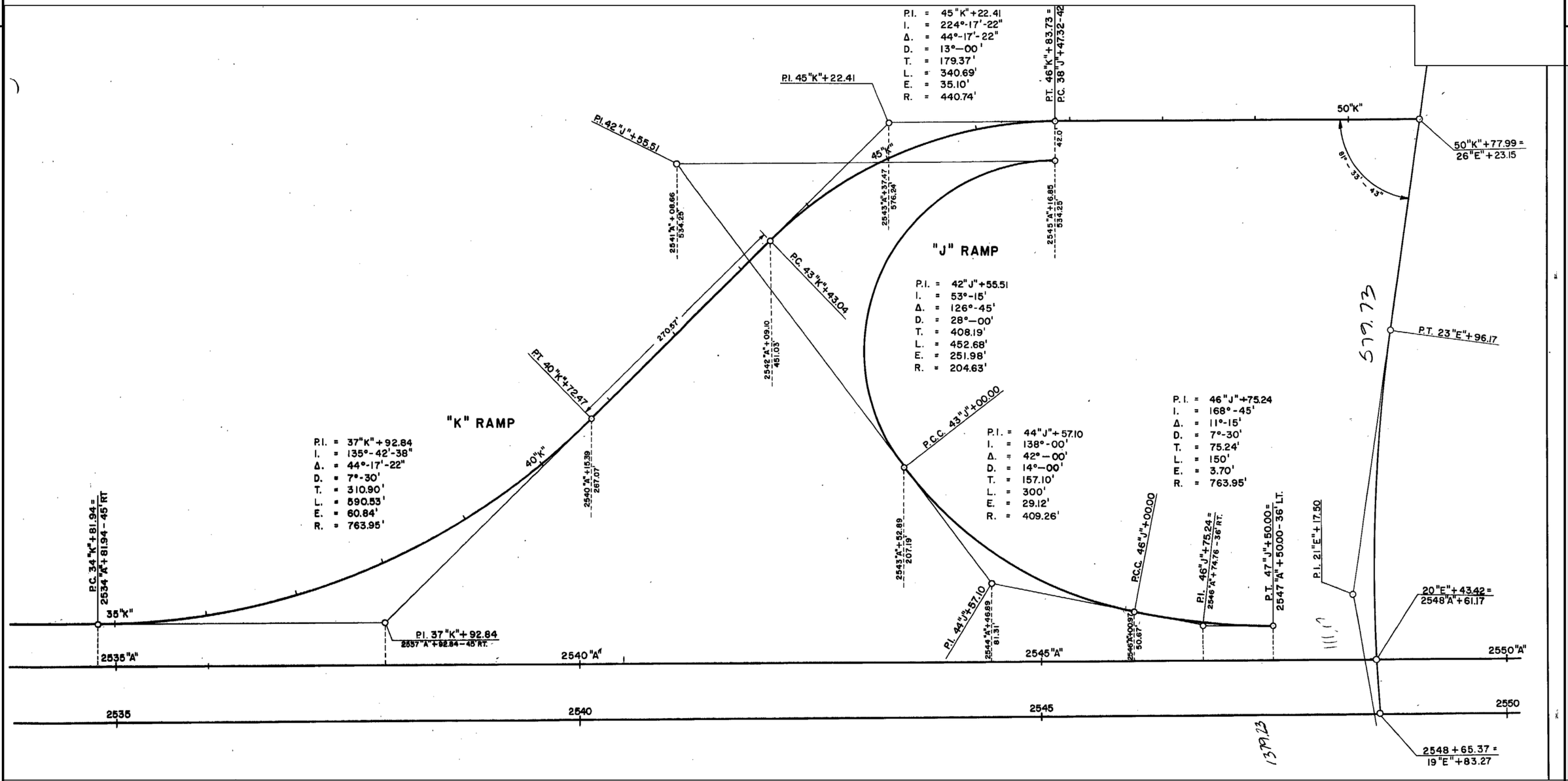
P.T. 46"H" + 50.00 = 2546 + 50.00 - 45' RT.

2548 + 65.37 = 19"E" + 83.27

P.C. 18"E" + 34.03

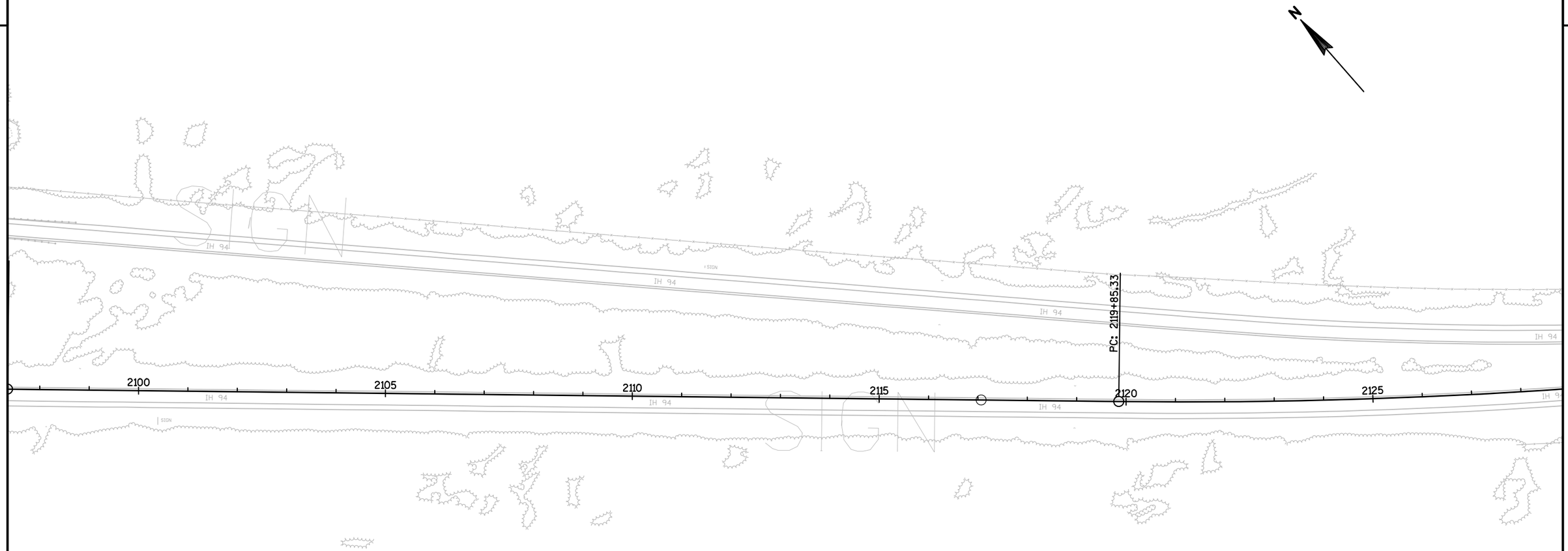
PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: MONROE	ALIGNMENT DIAGRAM FROM ASBUILT	SHEET 29	E

2



PROJECT NO: 1023-06-75	HWY: IH 94	COUNTY: MONROE	ALIGNMENT DIAGRAM FROM ASBUILT	SHEET 30	E

NOTE: SIGN SIZES AND SIGN TYPE ARE
SHOWN IN THE MISCELLANEOUS QUANTITIES



SCALE, FEET 0 100 200

PROJECT NO:1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET: PERMANENT SIGNING - EAST BOUND	SHEET 31	E

2

2

N

EXIT 128 REMOVE

EXIT 128
0 MILLSTON
REMOVE

E1-5P
106"X30"
EXIT 128
0 MILLSTON

E4-1A
192"X90"

EXIT
128
E5-1A
72"X60"

ALTERNATE INTERSTATE 94 REMOVE

ALTERNATE INTERSTATE 94
JV-F
24"X57"

PT: 2139+60.94

2130 2135 2140 2140 2145 2150 2155

IH 94 I 94

MILE 128 REMOVE

MILE 128
D10-3
12"X48"

STA BACK = 2143+25.90
STA AHEAD = 2139+60.94

EQUATION

EIDSMOE RD.

W3-1
36"X36"

NO PARKING ON RAMP REMOVE

NO PARKING ON RAMP
R7-64
48"X30"

BP: 13+60.00

I-94

EPSTEIN RD.

CTH "D"

RAILROAD ST.

SCALE, FEET 0 100 200

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET: PERMANENT SIGNING - EAST BOUND	SHEET 32	E

2

2

EP: 26+66.35

25

REMOVE

W4-1R
36"X36"

REMOVE

REMOVE

REMOVE

REMOVE

R3-4-B
36"X48"

REMOVE

PC: 2175+88.84

PT: 2183+79.00

CRANMORE RD.

GUY

I 94

2160

2165

2170

2175

2180

2185

NO PARKING ON RAMP
EXCEPT MAINTENANCE AND POLICE AUTHORIZED VEHICLES

REMOVE

NO PARKING ON RAMP
EXCEPT MAINTENANCE AND POLICE AUTHORIZED VEHICLES

R7-64
48"X30"

PEDESTRIANS
BICYCLES
NON MOTORIZED TRAFFIC
MOTOR BICYCLES
PROHIBITED

REMOVE

PEDESTRIANS
BICYCLES
NON MOTORIZED TRAFFIC
MOTOR BICYCLES
PROHIBITED

R5-57
36"X36"

EAST
94

REMOVE

EXCEPT MAINTENANCE AND POLICE AUTHORIZED VEHICLES

R3-4-B
36"X48"

EAST
94

J4-1
24"X36"

STA BACK = 2183+69.05

STA AHEAD = 2183+79.00

EQUATION

SCALE, FEET 0 100 200

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET: PERMANENT SIGNING - EAST BOUND	SHEET 33	E

2

2

N

CRANMORE RD.

I 94

2190 2195 2200 2205 2210 2215

MILE 129 REMOVE

MILE 129 D10-3 12"X48"

NEXT 15 MILES REMOVE

WARRENS 9
TOMAH 15
MADISON 114
REMOVE

WARRENS 9
TOMAH 15
MADISON 114
D2-2 168"X84"

RAIL ROAD ST

SCALE, FEET 0 100 200

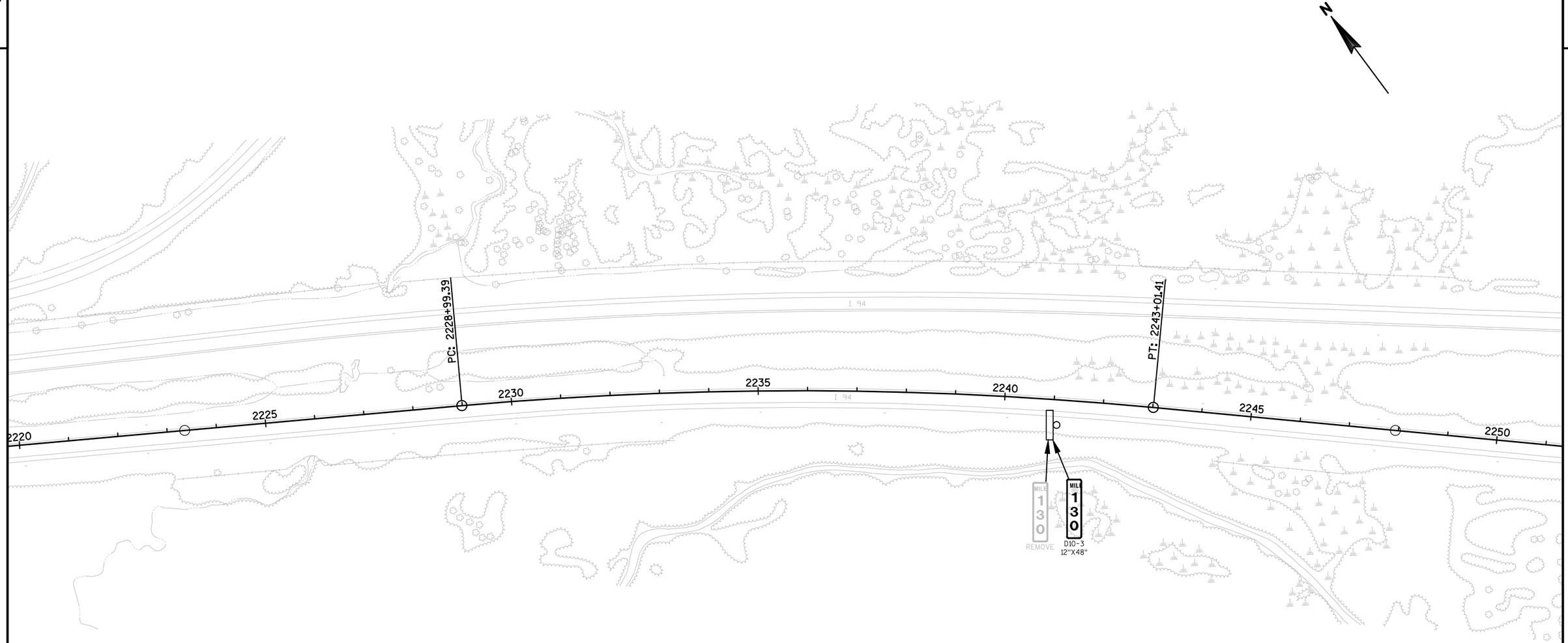
PROJECT NO:1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET: PERMANENT SIGNING - EAST BOUND	SHEET 34	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\023201-PS-IH94-JC-EB-2014.DWG
LAYOUT NAME - 023201 - (4)

PLOT DATE : 10/1/2015 11:15 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2



SCALE, FEET 0 100 200

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET: PERMANENT SIGNING - EAST BOUND	SHEET 35	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\023201-PS-IH94-JC-EB-2014.DWG
LAYOUT NAME - 023201 - (5)
PLOT DATE : 10/1/2015 11:15 AM
PLOT BY : PITSCH, NICHOLAS J PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2

2

N

I 94

I 94

PC: 2262+28.72

2255

2260

2265

2270

2275

2280

I 94

I 94

SCALE, FEET 0 100 200

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET: PERMANENT SIGNING - EAST BOUND	SHEET 36	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\023201-PS-IH94-JC-EB-2014.DWG
LAYOUT NAME - 023201 - (6)

PLOT DATE : 10/1/2015 11:15 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

N

I 94

2285 2290 2295 2300 2305 2310

PT: 2291+71.96

STA BACK = 2291+78.98

STA AHEAD = 2291+71.96

EQUATION

MILE 131 REMOVE

MILE 131 D10-3 12"X48"

SCALE, FEET 0 100 200

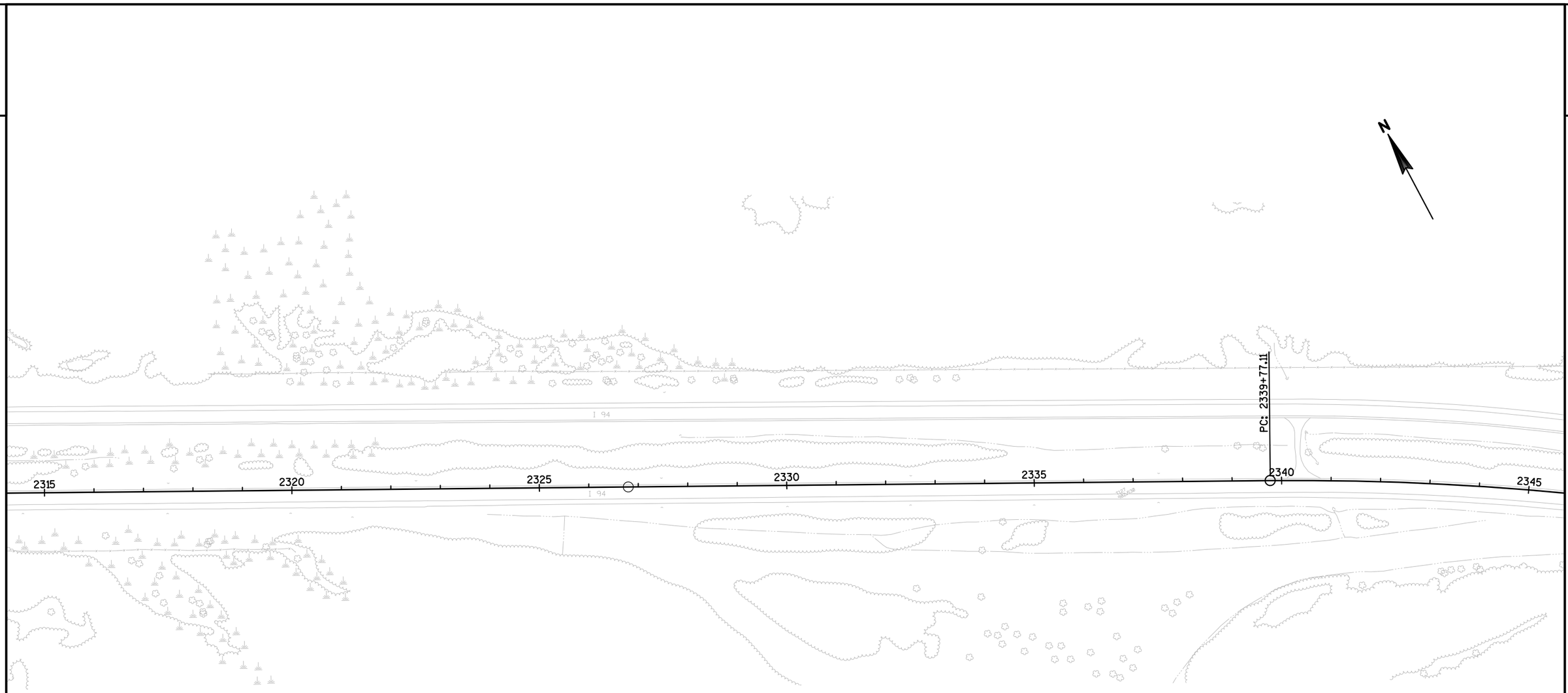
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET: PERMANENT SIGNING - EAST BOUND	SHEET 37	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\023201-PS-IH94-JC-EB-2014.DWG
LAYOUT NAME - 023201 - (7)

PLOT DATE : 10/1/2015 11:15 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2



SCALE, FEET 0 100 200

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET: PERMANENT SIGNING - EAST BOUND	SHEET 38	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\023201-PS-IH94-JC-EB-2014.DWG
LAYOUT NAME - 023201 - (8)
PLOT DATE : 10/1/2015 11:15 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2

2

N

2350
2355
2360
2365
2370
2375

PT: 2359+78.55

PI: 2372+31.29

STA BACK = 2359+75.45
STA AHEAD = 2359+78.55

EQUATION

MILE 132 REMOVE

MILE 132

D10-3
12"X48"

EAST 94 REMOVE

SCALE, FEET 0 100 200

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET: PERMANENT SIGNING - EAST BOUND	SHEET 39	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\023201-PS-IH94-JC-EB-2014.DWG
LAYOUT NAME - 023201 - (9)

PLOT DATE : 10/1/2015 11:15 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

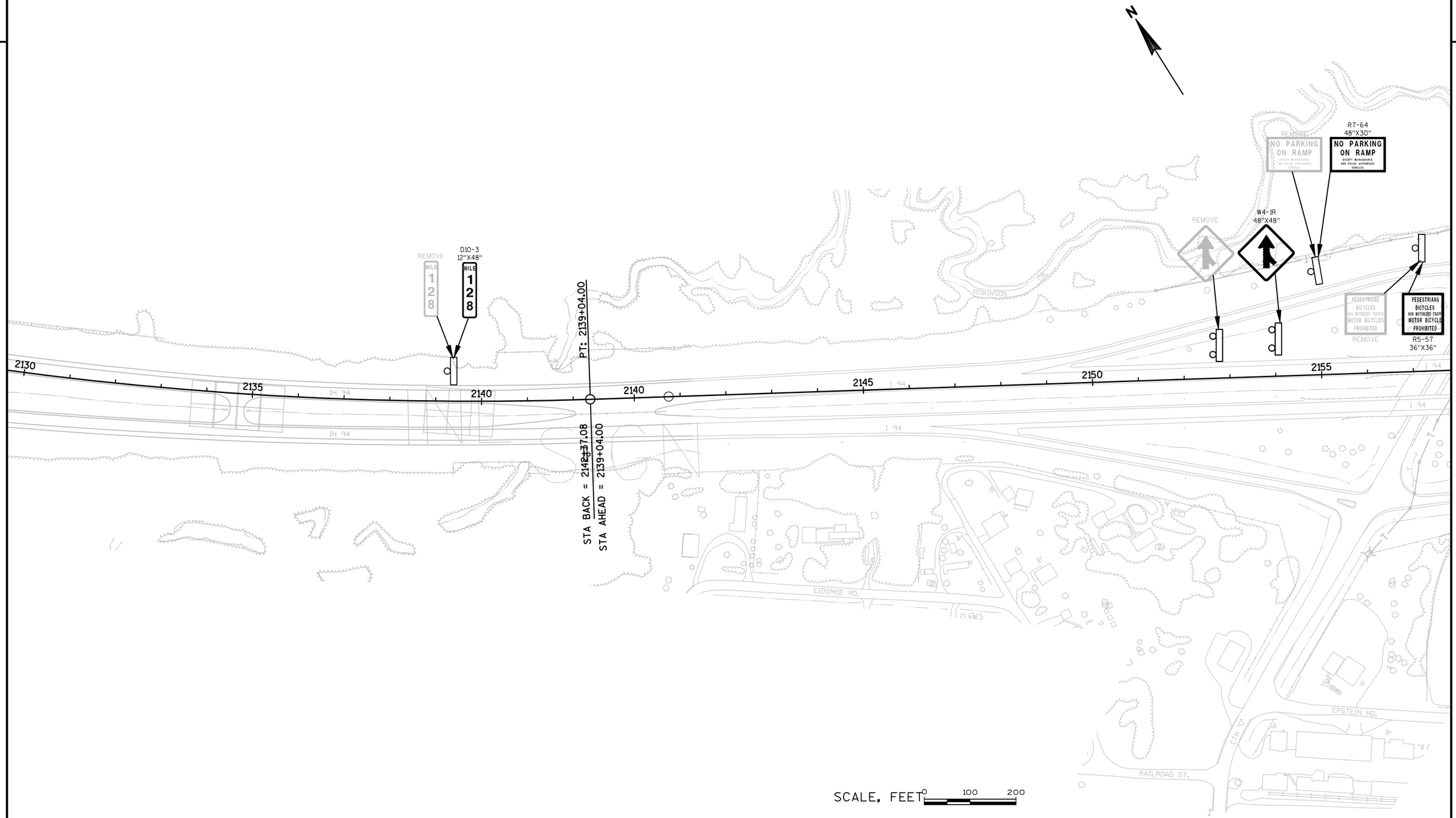


SCALE, FEET 0 100 200

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET: PERMANENT SIGNING - EAST BOUND	SHEET 40	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\023201-PS-IH94-JC-EB-2014.DWG
LAYOUT NAME - 023201 - (10)
PLOT DATE : 10/1/2015 11:15 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2

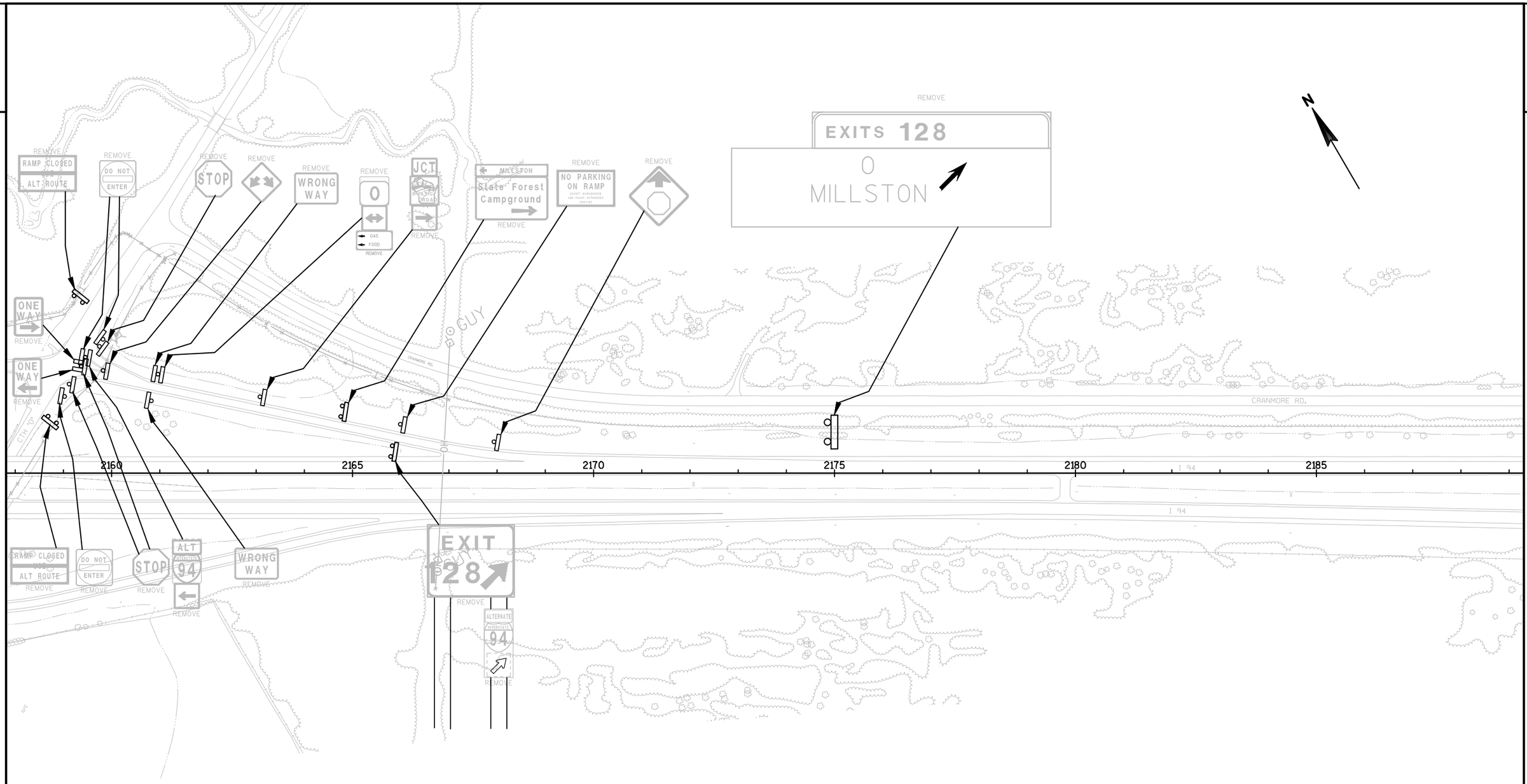


PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET: PERMANENT SIGNING - WEST BOUND	SHEET 41	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\023202-PS-IH94-JC-WB-2014.DWG
LAYOUT NAME - 023202 - (2)

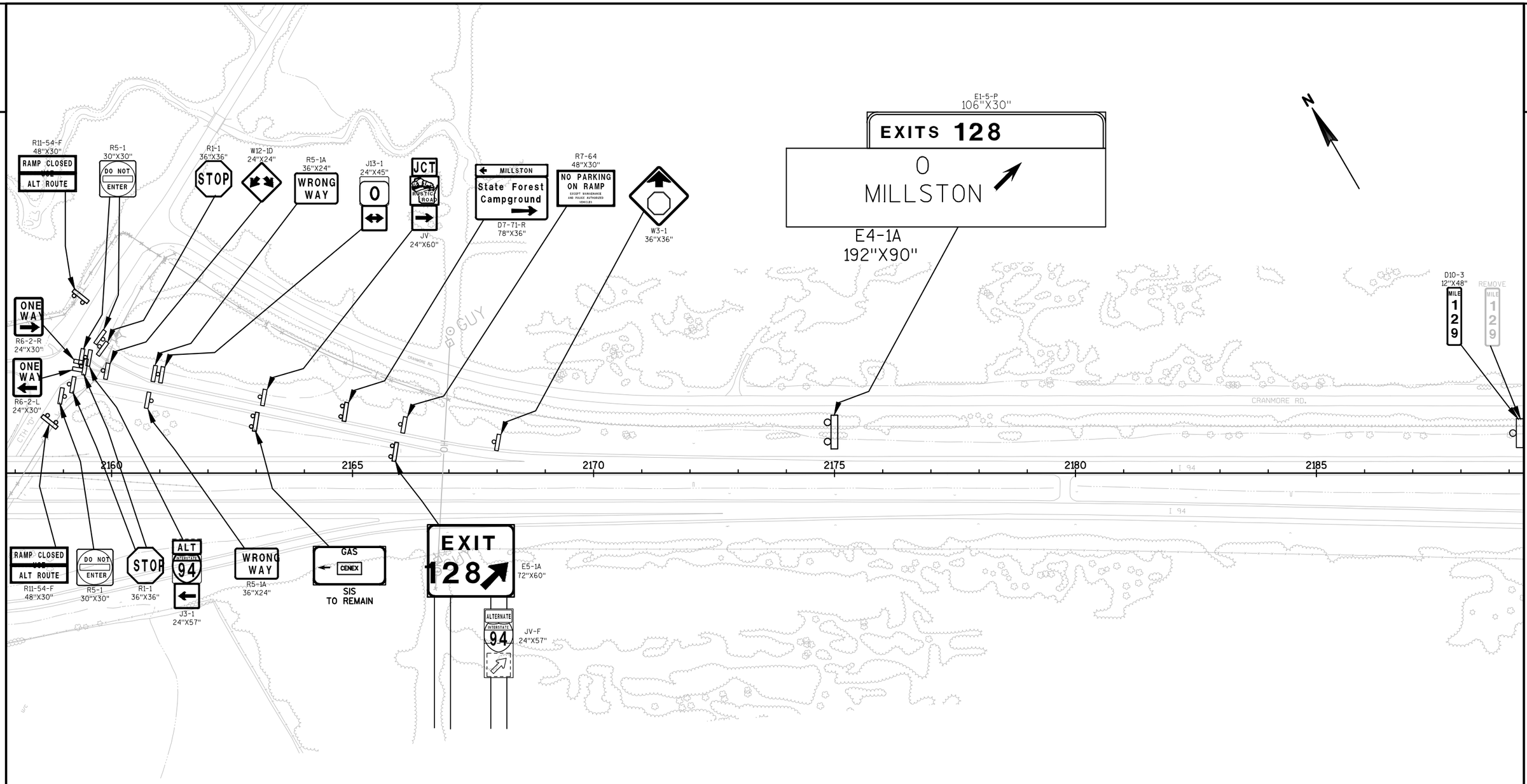
PLOT DATE : 10/1/2015 11:16 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET: PERMANENT SIGNING - WEST BOUND	SHEET 42	E

2



PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET: PERMANENT SIGNING - WEST BOUND	SHEET 43	E

2

2

N

SIS
GAS - EXIT 128
CENEX
FOOD - LODGING

REMOVE
State Forest
Campground
EXIT 128

E3-1
156"X84"
State Forest
Campground
EXIT 128

CRANMORE RD.

2190 2195 2200 I 94 2205 2210 2215 I 94 2220

I 94

RAILROAD ST.

SCALE, FEET 0 100 200

PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET: PERMANENT SIGNING - WEST BOUND	SHEET 44	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\023202-PS-IH94-JC-WB-2014.DWG
LAYOUT NAME - 023202 - (4)

PLOT DATE : 10/1/2015 11:16 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

N

REMOVE

EXIT 128

0
MILLSTON
1 MILE

NEXT EXIT 12 MILES

REMOVE

REMOVE

E1-5-P
106"X30"

EXIT 128

0
MILLSTON
1 MILE

NEXT EXIT 12 MILES

E1-1A
168"X120"

E2-1
156"X24"

REMOVE

MILE
130

D10-3
12"X48"

MILE
130

PC: 2224+98.91

PT: 2241+99.59

2225 2230 2235 2240 2245 2250

I 94

SCALE, FEET 0 100 200

PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET: PERMANENT SIGNING - WEST BOUND	SHEET 45	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\023202-PS-IH94-JC-WB-2014.DWG
LAYOUT NAME - 023202 - (5)

PLOT DATE : 10/1/2015 11:16 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

N

PC: 2277+30.79

2255 2260 2265 2270 2275 2280

I 94

I 94

I 94

SCALE, FEET 0 100 200

PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET: PERMANENT SIGNING - WEST BOUND	SHEET 46	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\023202-PS-IH94-JC-WB-2014.DWG
LAYOUT NAME - 023202 - (6)

PLOT DATE : 10/1/2015 11:16 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

N

REMOVE
MILE
131

D10-3
12"X48"
MILE
131

PT: 2299+81.59

2285
2290
2295
2300
2305
2310
2315

I 94

I 94

I 94

SCALE, FEET 0 100 200

PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET: PERMANENT SIGNING - WEST BOUND	SHEET 47	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\023202-PS-IH94-JC-WB-2014.DWG
LAYOUT NAME - 023202 - (7)

PLOT DATE : 10/1/2015 11:16 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

N

PC: 2339+72.23

2320 2325 2330 2335 2340 2345

I 94

SCALE, FEET 0 100 200

PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET: PERMANENT SIGNING - WEST BOUND	SHEET 48	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\023202-PS-IH94-JC-WB-2014.DWG
LAYOUT NAME - 023202 - (8)
PLOT DATE : 10/1/2015 11:16 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2

N

REMOVE
MILE 132

D10-3
12"X48"
MILE 132

PT: 2354+14.17

REMOVE
JACKSON CO

I2-2
84"X21"
JACKSON CO

EP: 2374+11.98

2345 2350 2355 2360 2365 2370 2374

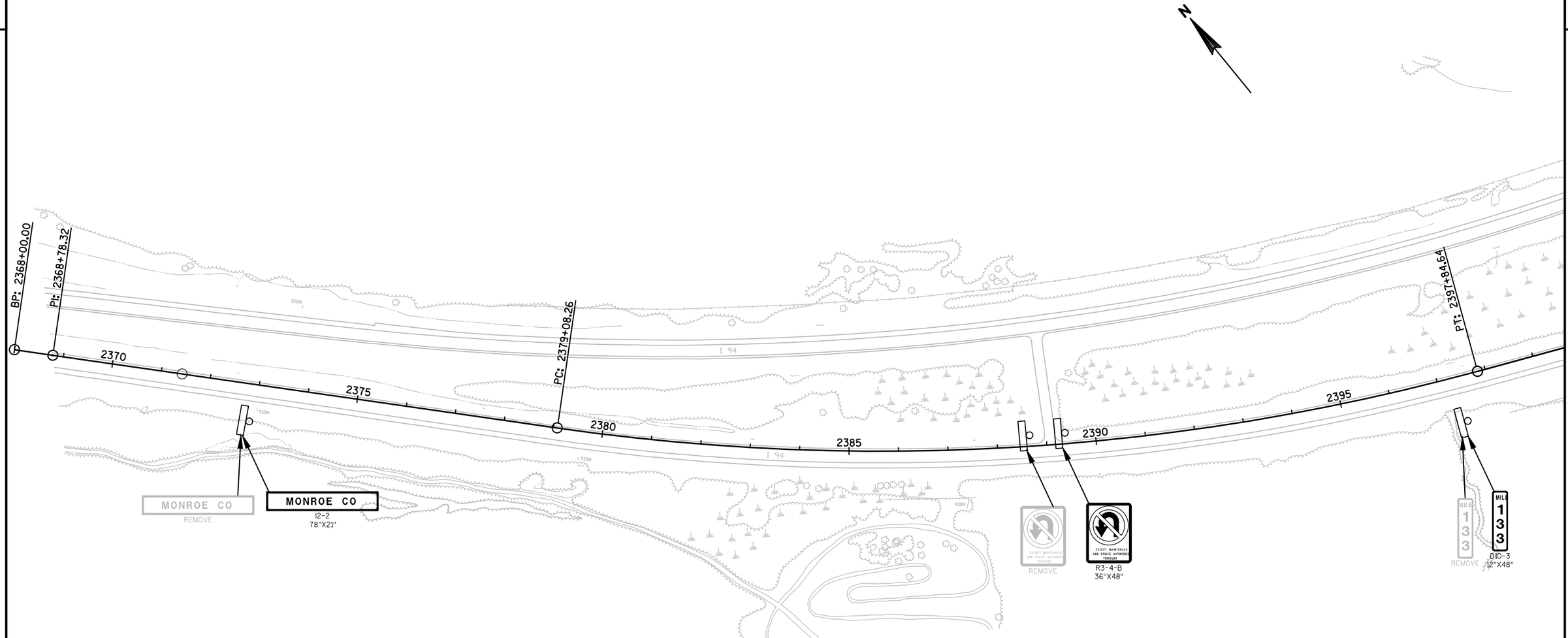
I 94

SCALE, FEET 0 100 200

PROJECT NO:1023-00-80	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET: PERMANENT SIGNING - WEST BOUND	SHEET 49	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\023202-PS-IH94-JC-WB-2014.DWG
LAYOUT NAME - 023202 - (9)
PLOT DATE : 10/1/2015 11:16 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

NOTE: SIGN SIZES AND SIGN TYPE ARE
SHOWN IN THE MISCELLANEOUS QUANTITIES.



PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN SHEET: PERMANENT SIGNING - EAST BOUND	SHEET 50	E

2

2

N

I 94

REMOVE
SLOWER TRAFFIC KEEP RIGHT

R4-3
48"X60"
SLOWER TRAFFIC KEEP RIGHT

PC: 2420+89.95

2400 2405 2410 2415 2420 2425 2430

EMERGENCY STOPPING ONLY
REMOVE

EMERGENCY STOPPING ONLY
R8-7
48"X36"

SCALE, FEET 0 100 200

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN SHEET: PERMANENT SIGNING - EAST BOUND	SHEET 51	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\023203_PS_MC_EB_2014.DWG
LAYOUT NAME - 023203 - (2)

PLOT DATE : 10/1/2015 11:16 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2 2

N

PT: 2445+56.22

PC: 2457+43.87

2435 2440 2445 2450 2455 2460

I 94

REMOVE

R3-4-B
36"X48"

EXCEPT MAINTENANCE AND POLICE AUTHORIZED VEHICLES

MILE 134

D10-3
12"X48"

SCALE, FEET 0 100 200

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN SHEET: PERMANENT SIGNING - EAST BOUND	SHEET 52	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\023203_PS_MC_EB_2014.DWG
LAYOUT NAME - 023203 - (3)

PLOT DATE : 10/1/2015 11:16 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

N

ASPEN AVE.

REMOVE

M RD.

MH

MH

ASPEN AVE.

I 94

INL

2465

2470

2475

PT: 2477+34.20

2480

2485

2490

SIGN

ASPEN AVE.

ARCTIC RD.

ARCTIC RD.

REMOVE

EXIT 135 REMOVE

EW
WARRENS
1 MILE

NEXT EXIT 12 MILES

REMOVE

EXIT 135

E1-5P
108"X30"

EW
WARRENS
1 MILE

E1-1A
204"X90"

NEXT EXIT 12 MILES

E2-1
156"X24"

SCALE, FEET 0 100 200

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN SHEET: PERMANENT SIGNING - EAST BOUND	SHEET 53	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\023203_PS_MC_EB_2014.DWG
LAYOUT NAME - 023203 - (4)

PLOT DATE : 10/1/2015 11:17 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

N

PC: 2507+63.88

2495 2500 2505 2510 2515 2520 2525

BIKE PATH
OPEN STORAGE
QUARRY
ASPEN AVE.
ARTIC RD.
SERVICE
SIGN
U/C
I 94

R3-4-B
36"X48"
EXCEPT MAINTENANCE AND POLICE AUTHORIZED VEHICLES
REMOVE

MILE 135
REMOVE

MILE 135
D10-3
12"X48"

GAS - EXIT 135
CENEX
FOOD - EXIT 135
THREE BEARS RESTAURANT
THE BOG RESTAURANT
SIS

LODGING - EXIT 135
THREE BEARS LODGE
CAMPING - EXIT 135
JELLYSTONE CAMP RESORT
SIS

R3-4-B
36"X48"
EXCEPT MAINTENANCE AND POLICE AUTHORIZED VEHICLES
REMOVE

SCALE, FEET 0 100 200

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN SHEET: PERMANENT SIGNING - EAST BOUND	SHEET 54	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\023203_PS_MC_EB_2014.DWG
LAYOUT NAME - 023203 - (5)

PLOT DATE : 10/1/2015 11:17 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

N

PT: 2531+17.51

2530 2535 2540 2545 2550 2555

REMOVE EXIT 135

E5-1A 90"X60" EXIT 135

W4-1R 48"X48"

REMOVE

EXIT 135 EW WARRENS REMOVE

E1-5P 108"X30" EXIT 135 EW WARRENS

E4-1A 204"X90"

REMOVE EXIT 40 M.P.H.

W13-2 48"X60" EXIT 40 M.P.H.

REMOVE NO PARKING ON RAMP

R7-64 48"X30" NO PARKING ON RAMP

REMOVE

W3-1 36"X36"

REMOVE WEST INTERSTATE 94

J3-1 24"X57" WEST INTERSTATE 94

REMOVE WEST INTERSTATE 94

J3-1 24"X57" WEST INTERSTATE 94

REMOVE EAST INTERSTATE 94

J2-1 24"X57" EAST INTERSTATE 94

REMOVE Eau Claire

D1-1 78"X15" Eau Claire

REMOVE

W5-52L 18"X54"

REMOVE

W5-52R 18"X54"

LEAVE EXISTING

R3-4-B 36"X48" EXCEPT MAINTENANCE AND POLICE AUTHORIZED VEHICLES

REMOVE Madison

D1-1 66"X15" Madison

CTH "EW" SAWYER DR

REMOVE WEST INTERSTATE 94

WEST INTERSTATE 94

J2-1 24"X57"

REMOVE MILE 136

D10-3 12"X48" MILE 136

EAST INTERSTATE 94

J3-1 24"X57"

REMOVE EAST INTERSTATE 94

EAST INTERSTATE 94

J3-1 24"X57"

BLANEY RD.

SCALE, FEET 0 100 200

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN SHEET: PERMANENT SIGNING - EAST BOUND	SHEET 55	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\023203_PS_MC_EB_2014.DWG
LAYOUT NAME - 023203 - (6)

PLOT DATE : 10/1/2015 11:17 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

2

N

PC: 2557+24.06

PT: 2570+93.66

2560 2565 2570 2575 2580 2585

I 94

SIGN

INL

SEPTIC

EAST 94 REMOVE

EAST 94

J4-1
36"X54"

TOMAH 7
MAUSTON 36
MADISON 106

REMOVE

TOMAH 7
MAUSTON 36
MADISON 106

E8-9
168"X84"

SCALE, FEET 0 100 200

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN SHEET: PERMANENT SIGNING - EAST BOUND	SHEET 56	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\023203_PS_MC_EB_2014.DWG
LAYOUT NAME - 023203 - (7)

PLOT DATE : 10/1/2015 11:17 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

N

EP: 2615+14.39

2590 2595 2600 2605 2610 2615

I 94

SIGN

MILE 137

D10-3

LEAVE EXISTING

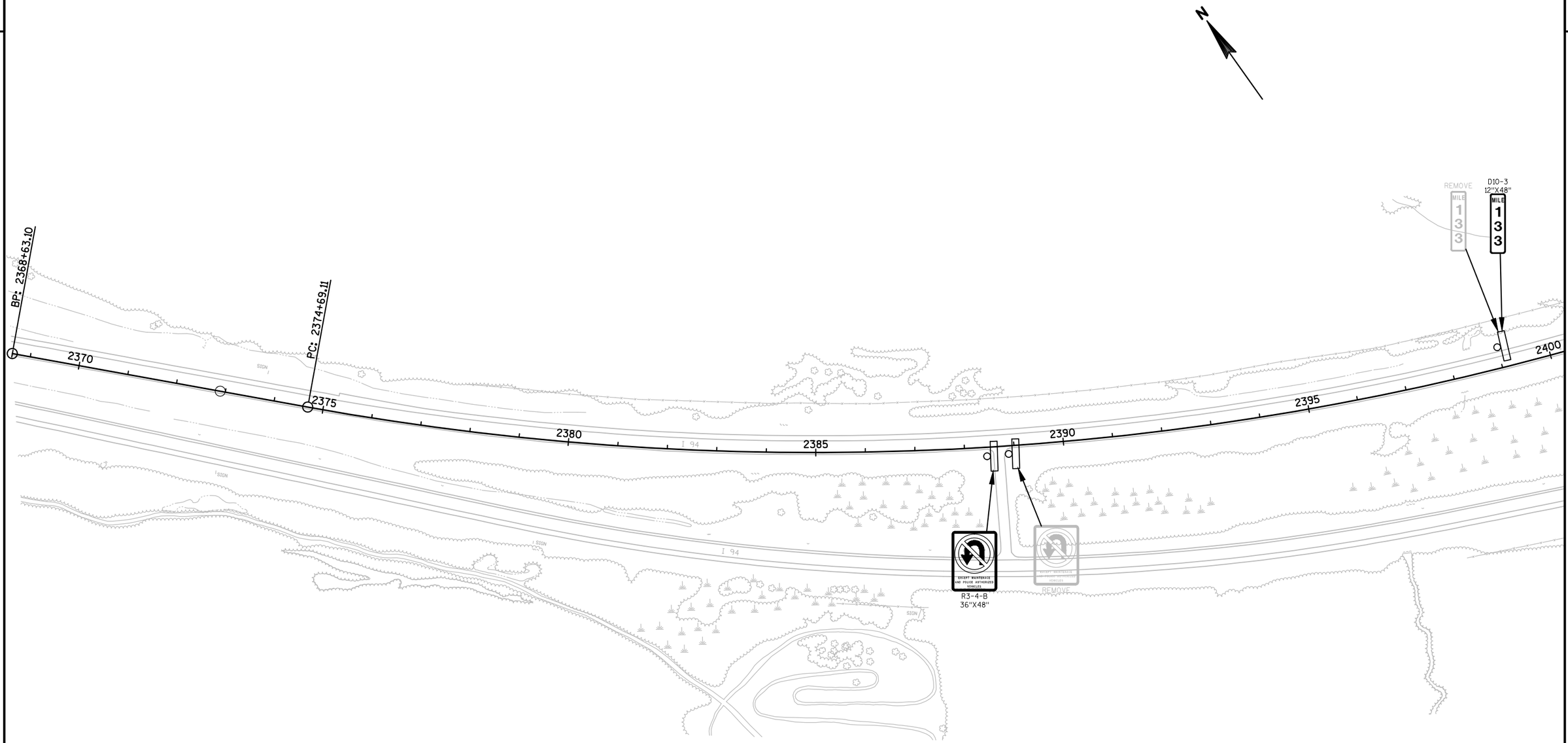
SCALE, FEET 0 100 200

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN SHEET: PERMANENT SIGNING - EAST BOUND	SHEET 57	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\023203_PS_MC_EB_2014.DWG
LAYOUT NAME - 023203 - (8)

PLOT DATE : 10/1/2015 11:17 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



PROJECT NO: 1023-06-75	HWY: IH 94	COUNTY: MONROE	PLAN SHEET: PERMANENT SIGNING - WEST BOUND	SHEET 58	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\023204_PS_MC_WB_2014.DWG
LAYOUT NAME - 023204 - (1)

PLOT DATE : 10/1/2015 11:17 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

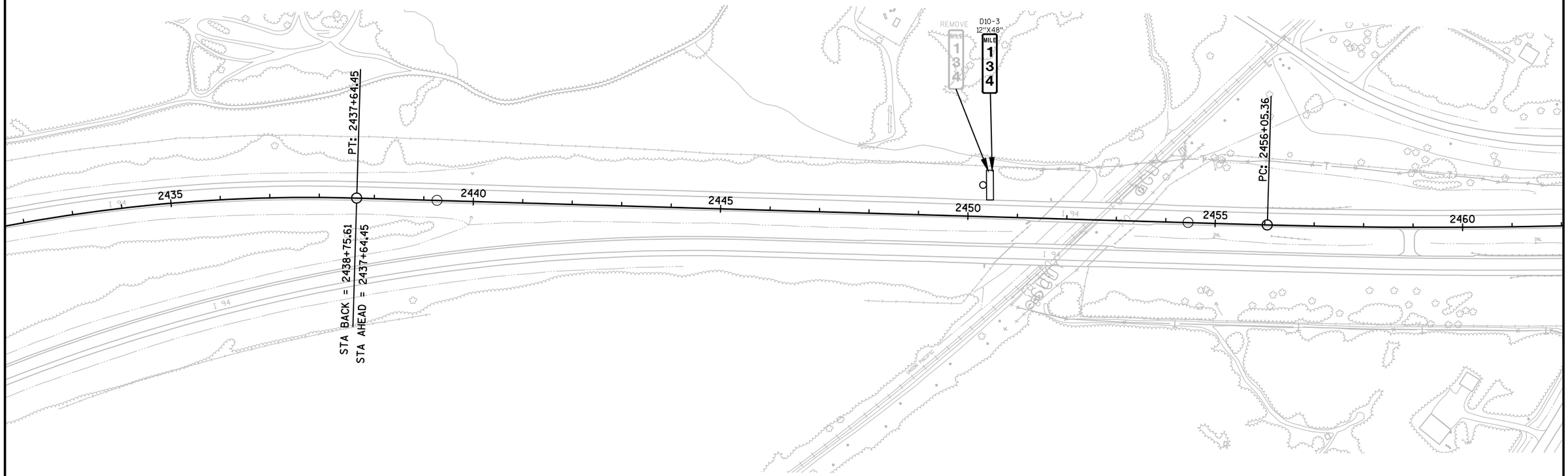
2



PROJECT NO: 1023-06-75	HWY: IH 94	COUNTY: MONROE	PLAN SHEET: PERMANENT SIGNING - WEST BOUND	SHEET 59	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\023204_PS_MC_WB_2014.DWG
LAYOUT NAME - 023204 - (2)
PLOT DATE : 10/1/2015 11:17 AM
PLOT BY : PITSCH, NICHOLAS J PLOT NAME :
PLOT SCALE : 1 IN:200 FT

2



PROJECT NO: 1023-06-75	HWY: IH 94	COUNTY: MONROE	PLAN SHEET: PERMANENT SIGNING - WEST BOUND	SHEET 60	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\023204_PS_MC_WB_2014.DWG
LAYOUT NAME - 023204 - (3)

PLOT DATE : 10/1/2015 11:17 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

REMOVE

MILLSTON	6
EAU CLAIRE	66
ST PAUL	150

PT: 2476+05.30

2465 2470 2475 2480 2485 2490

ASPEN AVE.

ARM RD.

ASPEN AVE.

ARCTIC RD.

ARCTIC RD.

I 94

SCALE, FEET 0 100 200

PROJECT NO: 1023-06-75	HWY: IH 94	COUNTY: MONROE	PLAN SHEET: PERMANENT SIGNING - WEST BOUND	SHEET 61	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\023204_PS_MC_WB_2014.DWG
LAYOUT NAME - 023204 - (4)

PLOT DATE : 10/1/2015 11:17 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

D2-3
192"X84"

MILLSTON	6
EAU CLAIRE	66
ST PAUL	150

REMOVE MILE 135

D10-3
12"X48"
MILE 135

PC: 2507+41.19

J4-1
24"X36"
WEST 94

REMOVE WEST 94

2495 2500 2505 2510 2515 2520 2525

SCALE, FEET 0 100 200

PROJECT NO: 1023-06-75	HWY: IH 94	COUNTY: MONROE	PLAN SHEET: PERMANENT SIGNING - WEST BOUND	SHEET 62	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\023204_PS_MC_WB_2014.DWG
LAYOUT NAME - 023204 - (5)
PLOT DATE : 10/1/2015 11:17 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

N

GAS

FOOD

SIS

LODGING

THREE BEARS

CAMPING

SIS

W4-1R
48"X48"

REMOVE

REMOVE
EXIT
25
MPH

W13-2A
48"X90"
EXIT
25
MPH

REMOVE
EXITS 135
EW
WARRENS

E1-5-P
108"X30"
EXITS 135
EW
WARRENS

E4-1A
204"X90"

PT: 2531+01.19

2530 2535 2540 2545 2550 2555

STA BACK = 2531+70.92
STA AHEAD = 2531+18.32

REMOVE

W3-1
36"X36"

NO PARKING
ON RAMP
EXCEPT MAINTENANCE
AND POLICE AUTHORIZED
VEHICLES
R7-64
LEAVE EXISTING

LEAVE EXISTING
EXIT
135

SAN @ MH

CTH "EW"

BLANEY RD.

SCALE, FEET 0 100 200

PROJECT NO:1023-06-75	HWY: IH 94	COUNTY: MONROE	PLAN SHEET: PERMANENT SIGNING - WEST BOUND	SHEET 63	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\023204_PS_MC_WB_2014.DWG
LAYOUT NAME - 023204 - (6)

PLOT DATE : 10/1/2015 11:17 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

N

LEAVE EXISTING

R3-4-B
36"X48"

EXCEPT MAINTENANCE AND POLICE AUTHORIZED VEHICLES

D10-3
12"X48"

MILE
136

PC: 2556+96.31

SIS
GAS - EXIT 135
CENEX
FOOD - EXIT 135
THREE BEARS RESTAURANT
THE BOG RESTAURANT

SIS
LODGING - EXIT 135
THREE BEARS LODGE
CAMPING - EXIT 135
JELLYSTONE CAMP RESORT

PT: 2571+10.60

2560 2565 2570 2575 2580 2585

I 94

INL

SIGN

SEPTIC

STA BACK = 2570+62.08
STA AHEAD = 2571+10.60

SCALE, FEET 0 100 200

PROJECT NO: 1023-06-75	HWY: IH 94	COUNTY: MONROE	PLAN SHEET: PERMANENT SIGNING - WEST BOUND	SHEET 64	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\023204_PS_MC_WB_2014.DWG
LAYOUT NAME - 023204 - (7)

PLOT DATE : 10/1/2015 11:18 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

N

LEAVE EXISTING

E5-5-P
108"X30"
EXIT 135
EW
WARRENS
1 MILE
Next exit 8 miles
I2-2
90"X15"

D10-3
12"X48"
MILE
137

PC: 2590+12.77
PT: 2596+62.82
PC: 2612+04.76
PT: 2618+06.84

2590 2595 2600 2605 2610 2615

I 94

STA BACK = 2618+29.92
STA AHEAD = 2618+06.84

SCALE, FEET 0 100 200

PROJECT NO: 1023-06-75	HWY: IH 94	COUNTY: MONROE	PLAN SHEET: PERMANENT SIGNING - WEST BOUND	SHEET 65	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\023204_PS_MC_WB_2014.DWG
LAYOUT NAME - 023204 - (8)

PLOT DATE : 10/1/2015 11:18 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

2

N

PC: 2612+04.76

PT: 2618+06.84

EP: 2625+89.16

2610 2615 2620 2625 2625

STA BACK = 2618+29.92

STA AHEAD = 2618+06.84

I 94

I 94

I 94

SIGN

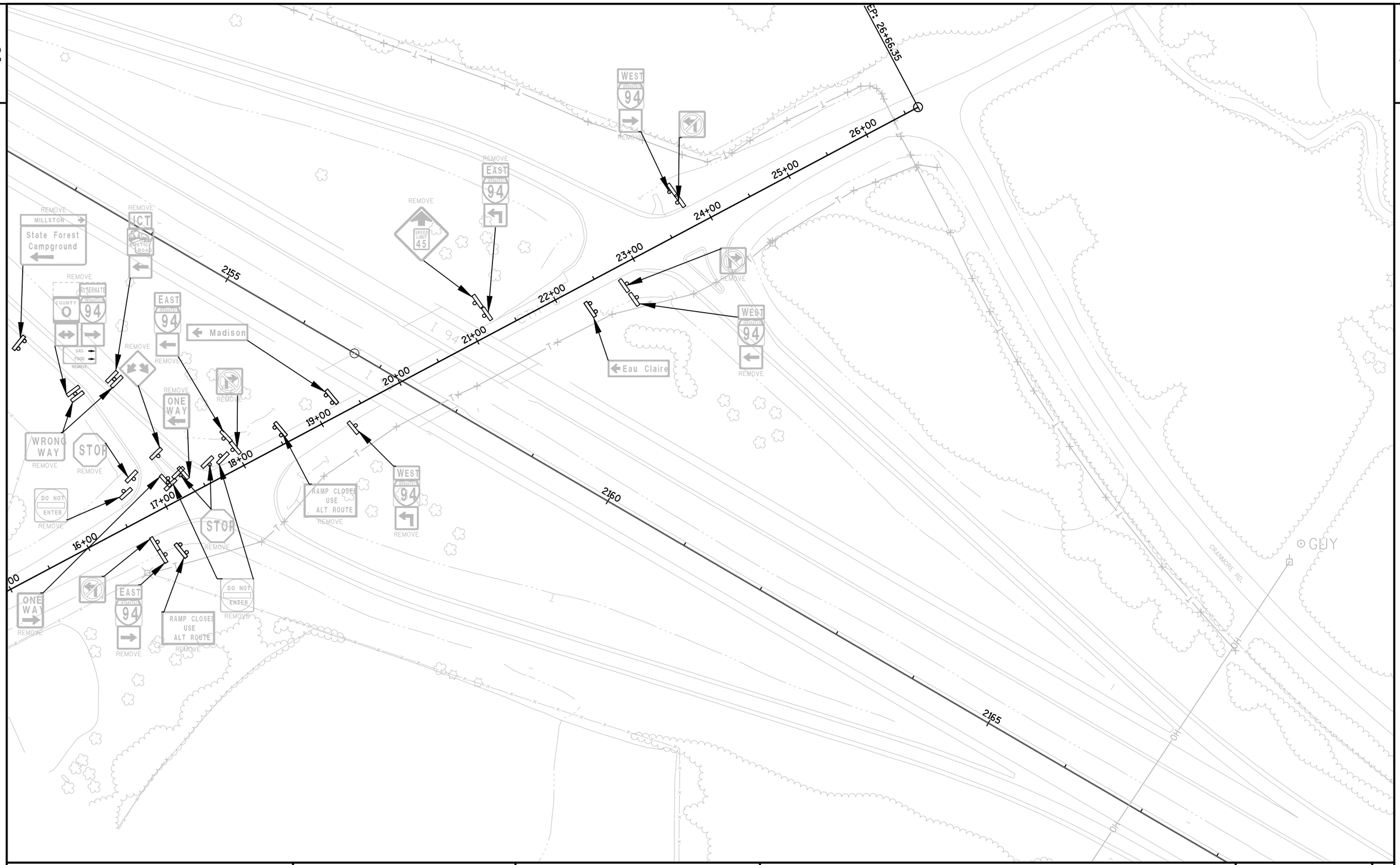
SCALE, FEET 0 100 200

PROJECT NO: 1023-06-75	HWY: IH 94	COUNTY: MONROE	PLAN SHEET: PERMANENT SIGNING - WEST BOUND	SHEET 66	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\023204_PS_MC_WB_2014.DWG
LAYOUT NAME - 023204 - (9)

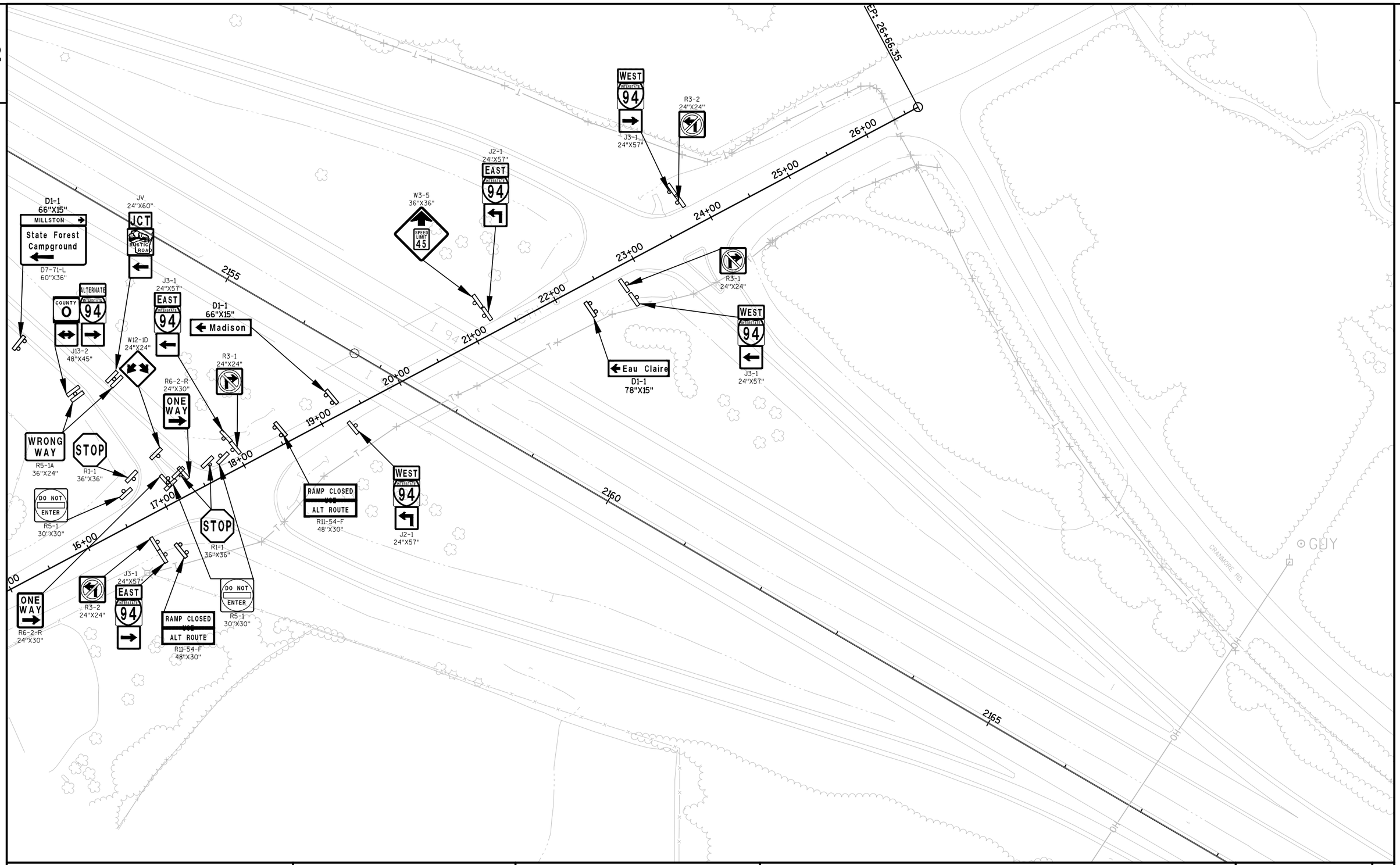
PLOT DATE : 10/1/2015 11:18 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



PROJECT NO: 1023-00-72&80	HWY: IH 94 E.B. & W.B.	COUNTY: JACKSON COUNTY	PERMANENT SIGNING - CTH O	SHEET 67	E

2



PROJECT NO: 1023-00-72&80	HWY: IH 94 E.B. & W.B.	COUNTY: JACKSON COUNTY	PERMANENT SIGNING - CTH O	SHEET 68	E

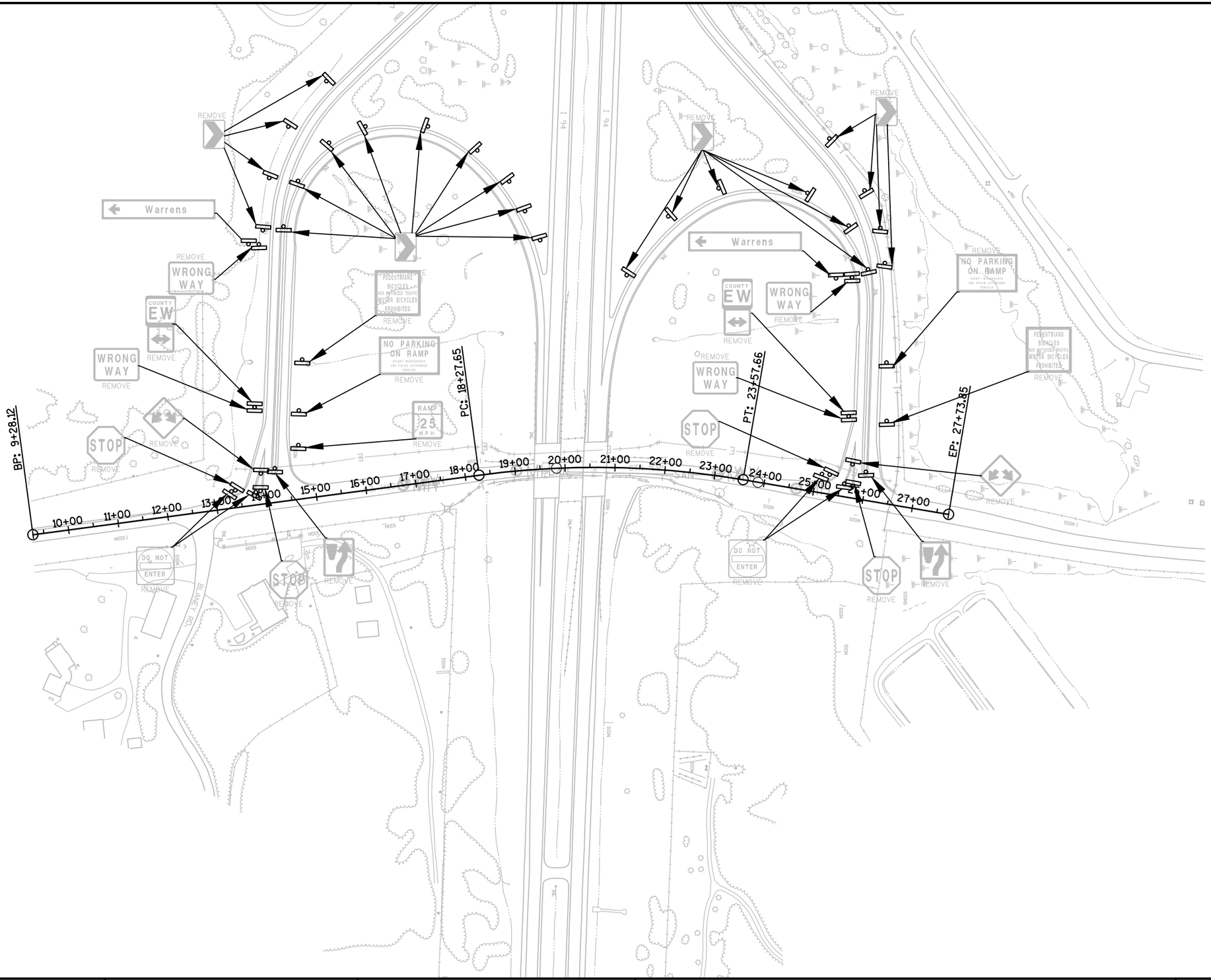
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\023201-PS-IH94-JC-EB-CTHO-2014.DWG
LAYOUT NAME - ****

PLOT DATE : 10/1/2015 11:18 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME :

PLOT SCALE : 1 IN:100 FT

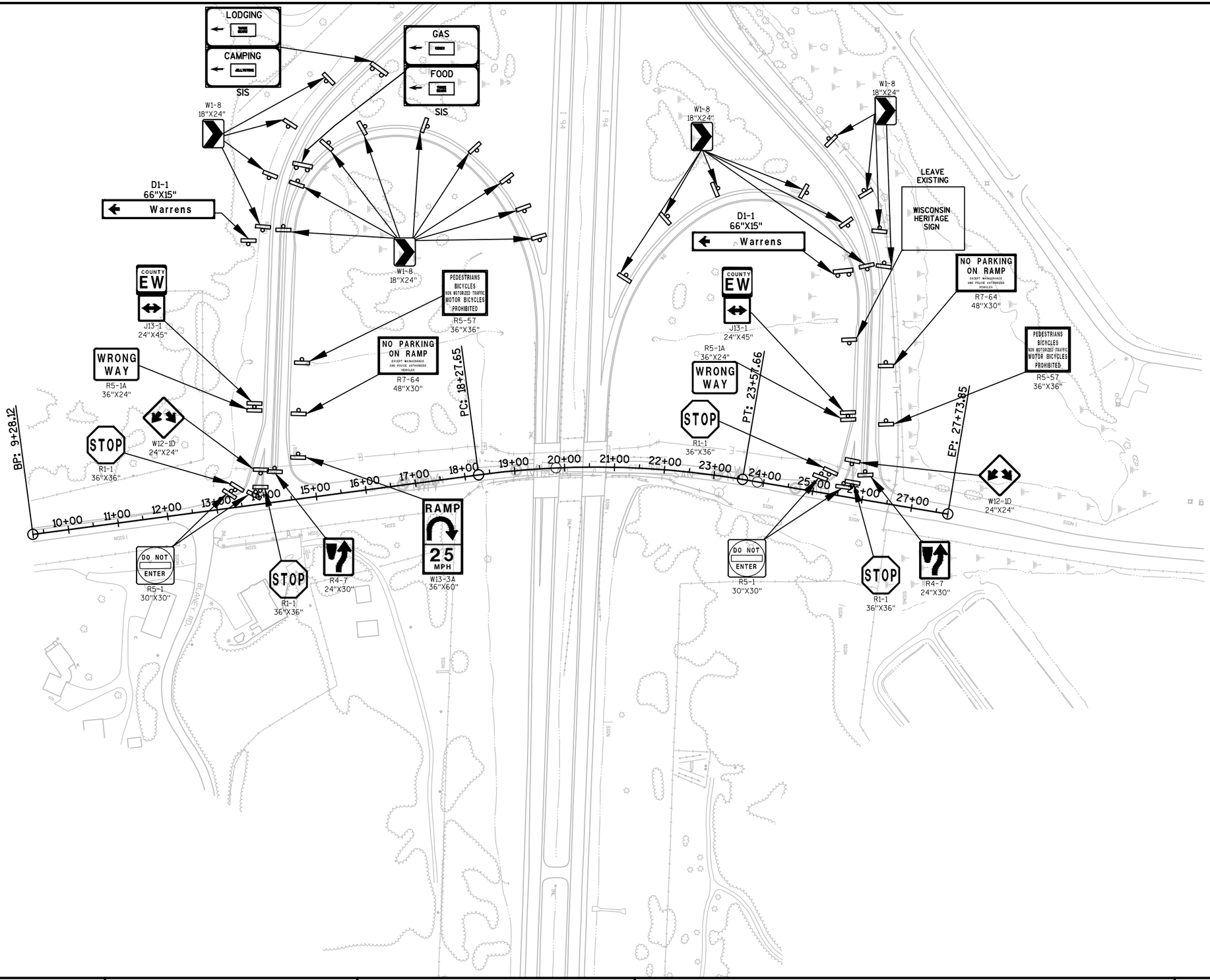
WISDOT/CADDS SHEET 42

2



PROJECT NO: 1023-06-73 & 75	HWY: IH 94	COUNTY: MONROE	PERMANENT SIGNING - CTH EW	SHEET 69	E

2



PROJECT NO: 1023-06-73 & 75	HWY: IH 94	COUNTY: MONROE	PERMANENT SIGNING - CTH EW	SHEET 70	E

DATE 12OCT15 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1023-00-72 QUANTITY	1023-00-80 QUANTITY	1023-06-73 QUANTITY	1023-06-75 QUANTITY
0010	202.0105	Roadside Clearing	STA	5.000	2.000		3.000	
0020	203.0200	Removing Old Structure (station) 01. 48'G'+50	LS	1.000			1.000	
0030	204.0109.S	Removing Concrete Surface Partial Depth	SF	36,202.000		16,916.000		19,286.000
0040	204.0110	Removing Asphaltic Surface	SY	42.000	28.000		14.000	
0050	204.0115	Removing Asphaltic Surface Butt Joints	SY	10,750.000	2,032.000	1,610.000	3,554.000	3,554.000
0060	204.0120	Removing Asphaltic Surface Milling	SY	276,231.000	24,697.000	112,343.000	21,875.000	117,316.000
0070	204.0150	Removing Curb & Gutter	LF	305.000	25.000		280.000	
0080	204.0180	Removing Delineators and Markers	EACH	596.000	158.000	158.000	133.000	147.000
0090	204.0190	Removing Surface Drains	EACH	1.000			1.000	
0100	204.0195	Removing Concrete Bases	EACH	4.000		2.000		2.000
0110	204.9060.S	Removing (item description) 01. Apron Endwalls	EACH	334.000	171.000		162.000	1.000
0120	204.9060.S	Removing (item description) 02. Inlet Covers	EACH	1.000			1.000	
0130	205.0100	Excavation Common	CY	35,374.000	4,369.000		31,005.000	
0140	208.0100	Borrow	CY	66,706.000	41,069.000		25,637.000	
0150	213.0100	Finishing Roadway (project) 01. 1023-00-72	EACH	1.000	1.000			
0160	213.0100	Finishing Roadway (project) 02. 1023-00-80	EACH	1.000		1.000		
0170	213.0100	Finishing Roadway (project) 03. 1023-06-73	EACH	1.000			1.000	
0180	213.0100	Finishing Roadway (project) 04. 1023-06-75	EACH	1.000				1.000
0190	305.0110	Base Aggregate Dense 3/4-Inch	TON	7,800.000	3,500.000	400.000	3,500.000	400.000
0200	305.0500	Shaping Shoulders	STA	1,932.000	510.000	477.000	472.000	473.000
0210	310.0110	Base Aggregate Open Graded	TON	650.000	334.000		316.000	
0220	416.0610	Drilled Tie Bars	EACH	901.000	117.000	247.000	130.000	407.000
0230	416.0620	Drilled Dowel Bars	EACH	3,764.000	2,000.000	304.000	1,028.000	432.000
0240	440.4410	Incentive IRI Ride	DOL	71,831.000	17,990.000	18,056.000	17,885.000	17,900.000
0250	455.0110	Asphaltic Material PG58-34	TON	997.000	321.000	173.000	318.000	185.000
0260	455.0145	Asphaltic Material PG64-34P	TON	2,072.000	412.000	640.000	416.000	604.000
0270	455.0605	Tack Coat	GAL	45,488.000	10,970.000	11,635.000	12,297.000	10,586.000
0280	460.1100	HMA Pavement Type E-0.3	TON	16,679.000	5,388.000	2,871.000	5,293.000	3,127.000
0290	460.1110	HMA Pavement Type E-10	TON	37,643.000	7,476.000	11,633.000	7,563.000	10,971.000
0300	460.2000	Incentive Density HMA Pavement	DOL	39,450.000	8,225.000	9,300.000	7,725.000	14,200.000
0310	465.0105	Asphaltic Surface	TON	5,932.000	2,930.000		3,002.000	
0320	465.0110	Asphaltic Surface Patching	TON	2,000.000	500.000	500.000	500.000	500.000
0330	465.0125	Asphaltic Surface Temporary	TON	709.000		346.000		363.000
0340	465.0315	Asphaltic Flumes	SY	42.000	28.000		14.000	
0350	465.0400	Asphaltic Shoulder Rumble Strips	LF	182,870.000	46,170.000	45,768.000	45,466.000	45,466.000
0360	504.0200	Concrete Masonry Culverts HES	CY	11.000			5.500	5.500
0370	504.0900	Concrete Masonry Endwalls	CY	68.500			28.500	40.000
0380	505.0800.S	Bar Steel Reinforcement HS Stainless Structures	LB	986.000			493.000	493.000
0390	520.8700	Cleaning Culvert Pipes	EACH	6.000	3.000	1.000	2.000	
0400	522.0118	Culvert Pipe Reinforced Concrete Class III 18-Inch	LF	8.000			8.000	
0410	522.0124	Culvert Pipe Reinforced Concrete Class III 24-Inch	LF	8.000			8.000	
0420	522.0130	Culvert Pipe Reinforced Concrete Class III 30-Inch	LF	8.000			8.000	
0430	522.0136	Culvert Pipe Reinforced Concrete Class III 36-Inch	LF	40.000			40.000	

DATE 12OCT15 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1023-00-72 QUANTITY	1023-00-80 QUANTITY	1023-06-73 QUANTITY	1023-06-75 QUANTITY
0440	522.0142	Culvert Pipe Reinforced Concrete Class III 42-Inch	LF	24.000			24.000	
0450	522.0160	Culvert Pipe Reinforced Concrete Class III 60-Inch	LF	24.000			24.000	
0460	522.0330	Culvert Pipe Reinforced Concrete Class IV 30-Inch	LF	8.000	8.000			
0470	522.1018	Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	EACH	1.000			1.000	
0480	522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	1.000				1.000
0490	522.1030	Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	EACH	1.000			1.000	
0500	522.1036	Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	EACH	2.000			2.000	
0510	522.1060	Apron Endwalls for Culvert Pipe Reinforced Concrete 60-Inch	EACH	1.000			1.000	
0520	524.0118	Culvert Pipe Salvaged 18-Inch	LF	112.000			16.000	96.000
0530	524.0124	Culvert Pipe Salvaged 24-Inch	LF	24.000	8.000			16.000
0540	524.0130	Culvert Pipe Salvaged 30-Inch	LF	32.000			16.000	16.000
0550	524.0136	Culvert Pipe Salvaged 36-Inch	LF	64.000			32.000	32.000
0560	524.0148	Culvert Pipe Salvaged 48-Inch	LF	64.000			48.000	16.000
0570	524.0160	Culvert Pipe Salvaged 60-Inch	LF	48.000			32.000	16.000
0580	524.0618	Apron Endwalls for Culvert Pipe Salvaged 18-Inch	EACH	8.000			2.000	6.000
0590	524.0624	Apron Endwalls for Culvert Pipe Salvaged 24-Inch	EACH	9.000	3.000	1.000	2.000	3.000
0600	524.0630	Apron Endwalls for Culvert Pipe Salvaged 30-Inch	EACH	3.000	2.000			1.000
0610	524.0636	Apron Endwalls for Culvert Pipe Salvaged 36-Inch	EACH	2.000				2.000
0620	524.0648	Apron Endwalls for Culvert Pipe Salvaged 48-Inch	EACH	4.000			3.000	1.000
0630	524.0660	Apron Endwalls for Culvert Pipe Salvaged 60-Inch	EACH	3.000			2.000	1.000
0640	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	280.000			280.000	
0650	606.0100	Riprap Light	CY	1.000		1.000		
0660	611.0430	Reconstructing Inlets	EACH	10.000	5.000		4.000	1.000
0670	611.0606	Inlet Covers Type B	EACH	1.000			1.000	
0680	611.0654	Inlet Covers Type V	EACH	2.000	1.000		1.000	
0690	611.3220	Inlets 2x2-FT	EACH	2.000	1.000		1.000	
0700	611.8115	Adjusting Inlet Covers	EACH	2.000			2.000	
0710	612.0206	Pipe Underdrain Unperforated 6-Inch	LF	650.000	334.000		316.000	
0720	612.0212	Pipe Underdrain Unperforated 12-Inch	LF	25.000	12.500		12.500	
0730	614.0010	Barrier System Grading Shaping Finishing	EACH	8.000	2.000		6.000	
0740	614.0395	Guardrail Mow Strip Concrete	SY	27.000	9.000		18.000	
0750	614.0920	Salvaged Rail	LF	1,885.000	242.000		1,643.000	
0760	614.0925	Salvaged Guardrail End Treatments	EACH	9.000	2.000		7.000	
0770	614.2300	MGS Guardrail 3	LF	1,425.000	325.000		1,100.000	
0780	614.2500	MGS Thrie Beam Transition	LF	324.000	79.000		245.000	
0790	614.2610	MGS Guardrail Terminal EAT	EACH	8.000	2.000		6.000	
0800	614.2620	MGS Guardrail Terminal Type 2	EACH	1.000			1.000	
0810	616.0700.S	Fence Safety	LF	800.000				800.000
0820	618.0100	Maintenance And Repair of Haul Roads (project) 01. 1023-00-72	EACH	1.000	1.000			
0830	618.0100	Maintenance And Repair of Haul Roads (project) 02. 1023-00-80	EACH	1.000		1.000		

3

DATE 12OCT15 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1023-00-72 QUANTITY	1023-00-80 QUANTITY	1023-06-73 QUANTITY	1023-06-75 QUANTITY
0840	618.0100	Maintenance And Repair of Haul Roads (project) 03. 1023-06-73	EACH	1.000			1.000	
0850	618.0100	Maintenance And Repair of Haul Roads (project) 04. 1023-06-75	EACH	1.000				1.000
0860	619.1000	Mobilization	EACH	1.000	0.250	0.250	0.250	0.250
0870	624.0100	Water	MGAL	82.000	37.000	4.000	37.000	4.000
0880	625.0500	Salvaged Topsoil	SY	424,822.000	212,416.000		212,406.000	
0890	627.0200	Mulching	SY	361,204.000	180,502.000	100.000	180,502.000	100.000
0900	628.1504	Silt Fence	LF	1,410.000	580.000	100.000	680.000	50.000
0910	628.1520	Silt Fence Maintenance	LF	1,310.000	580.000	100.000	580.000	50.000
0920	628.1905	Mobilizations Erosion Control	EACH	6.000	2.000	1.000	2.000	1.000
0930	628.1910	Mobilizations Emergency Erosion Control	EACH	10.000	4.000	1.000	4.000	1.000
0940	628.2004	Erosion Mat Class I Type B	SY	65,908.000	32,854.000	100.000	32,854.000	100.000
0950	629.0210	Fertilizer Type B	CWT	100.000	49.000	1.000	49.000	1.000
0960	630.0120	Seeding Mixture No. 20	LB	9,846.000	4,873.000	50.000	4,873.000	50.000
0970	633.0100	Delineator Posts Steel	EACH	452.000	126.000	126.000	100.000	100.000
0980	633.0500	Delineator Reflectors	EACH	471.000	135.000	126.000	105.000	105.000
0990	633.5200	Markers Culvert End	EACH	139.000	32.000	32.000	33.000	42.000
1000	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	93.000	21.000	21.000	29.000	22.000
1010	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	39.000	7.000	14.000	13.000	5.000
1020	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	31.000	6.000	10.000	9.000	6.000
1030	634.0620	Posts Wood 4x6-Inch X 20-FT	EACH	11.000	3.000	2.000	4.000	2.000
1040	635.0200	Sign Supports Structural Steel HS	LB	837.000				837.000
1050	635.0300	Sign Supports Replacing Base Connection Bolts	EACH	72.000	16.000	24.000	24.000	8.000
1060	636.0100	Sign Supports Concrete Masonry	CY	1.600				1.600
1070	636.0500	Sign Supports Steel Reinforcement	LB	98.000				98.000
1080	637.1210	Signs Type I Reflective H	SF	1,253.000	212.500	396.000	382.500	262.000
1090	637.2210	Signs Type II Reflective H	SF	974.540	277.390	263.760	287.560	145.830
1100	637.2215	Signs Type II Reflective H Folding	SF	67.000	13.500	53.500		
1110	637.2230	Signs Type II Reflective F	SF	272.500	29.000	38.000	116.500	89.000
1120	638.2601	Removing Signs Type I	EACH	12.000	2.000	5.000	3.000	2.000
1130	638.2602	Removing Signs Type II	EACH	164.000	42.000	35.000	54.000	33.000
1140	638.3000	Removing Small Sign Supports	EACH	165.000	39.000	36.000	56.000	34.000
1150	642.5201	Field Office Type C	EACH	1.000	0.250	0.250	0.250	0.250
1160	643.0200	Traffic Control Surveillance and Maintenance (project) 01. 1023-00-72	DAY	92.000	92.000			
1170	643.0200	Traffic Control Surveillance and Maintenance (project) 02. 1023-00-80	DAY	92.000		92.000		
1180	643.0200	Traffic Control Surveillance and Maintenance (project) 03. 1023-06-73	DAY	92.000			92.000	
1190	643.0200	Traffic Control Surveillance and Maintenance (project) 04. 1023-06-75	DAY	92.000				92.000
1200	643.0300	Traffic Control Drums	DAY	21,710.000	5,415.000	5,465.000	5,415.000	5,415.000
1210	643.0420	Traffic Control Barricades Type III	DAY	1,320.000	330.000	330.000	330.000	330.000
1220	643.0705	Traffic Control Warning Lights Type A	DAY	600.000	150.000	150.000	150.000	150.000
1230	643.0715	Traffic Control Warning Lights Type C	DAY	2,800.000	700.000	700.000	700.000	700.000
1240	643.0800	Traffic Control Arrow Boards	DAY	224.000	56.000	56.000	56.000	56.000
1250	643.0900	Traffic Control Signs	DAY	13,200.000	3,300.000	3,300.000	3,300.000	3,300.000
1260	643.0910	Traffic Control Covering Signs Type I	EACH	4.000			2.000	2.000
1270	643.0920	Traffic Control Covering Signs Type II	EACH	132.000	14.000	30.000	44.000	44.000
1280	643.1000	Traffic Control Signs Fixed Message	SF	168.000	56.000		56.000	56.000
1290	643.1050	Traffic Control Signs PCMS	DAY	382.000	106.000	92.000	92.000	92.000
1300	646.0106	Pavement Marking Epoxy 4-Inch	LF	6,800.000	4,000.000	2,800.000		

3

DATE 12OCT15 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1023-00-72 QUANTITY	1023-00-80 QUANTITY	1023-06-73 QUANTITY	1023-06-75 QUANTITY
1310	646.0790.S	Removing Raised Pavement Markers	EACH	502.000	249.000		253.000	
1320	646.2304.S	Pavement Marking Grooved Wet Reflective Epoxy 4-Inch	LF	214,152.000	56,514.000	55,433.000	51,672.000	50,533.000
1330	646.2308.S	Pavement Marking Grooved Wet Reflective Epoxy 8-Inch	LF	7,691.000	2,219.000	1,860.000	1,806.000	1,806.000
1340	647.0566	Pavement Marking Stop Line Epoxy 18-Inch	LF	157.000	52.000	35.000	35.000	35.000
1350	649.0400	Temporary Pavement Marking Removable Tape 4-Inch	LF	3,200.000	800.000	800.000	800.000	800.000
1360	649.0402	Temporary Pavement Marking Paint 4-Inch	LF	440,504.000	110,126.000	110,126.000	110,126.000	110,126.000
1370	649.0801	Temporary Pavement Marking Removable Tape 8-Inch	LF	3,200.000	800.000	800.000	800.000	800.000
1380	649.0802	Temporary Pavement Marking Paint 8-Inch	LF	17,752.000	4,438.000	4,438.000	4,438.000	4,438.000
1390	650.6000	Construction Staking Pipe Culverts	EACH	18.000	1.000		17.000	
1400	650.8000	Construction Staking Resurfacing Reference	LF	106,797.000	26,667.000	26,834.000	26,648.000	26,648.000
1410	650.9910	Construction Staking Supplemental Control (project) 01. 1023-00-72	LS	1.000	1.000			
1420	650.9910	Construction Staking Supplemental Control (project) 02. 1023-00-80	LS	1.000		1.000		
1430	650.9910	Construction Staking Supplemental Control (project) 03.1023-06-73	LS	1.000			1.000	
1440	650.9910	Construction Staking Supplemental Control (project) 04. 1023-06-75	LS	1.000				1.000
1450	650.9920	Construction Staking Slope Stakes	LF	44,138.000	22,280.000		21,858.000	
1460	652.0125	Conduit Rigid Metallic 2-Inch	LF	15.000		15.000		
1470	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	570.000		570.000		
1480	652.0605	Conduit Special 2-Inch	LF	1,280.000		1,280.000		
1490	653.0140	Pull Boxes Steel 24x42-Inch	EACH	5.000		5.000		
1500	654.0105	Concrete Bases Type 5	EACH	2.000		2.000		
1510	655.0305	Cable Type UF 2-12 AWG Grounded	LF	745.000		745.000		
1520	655.0515	Electrical Wire Traffic Signals 10 AWG	LF	625.000		625.000		
1530	655.0625	Electrical Wire Lighting 6 AWG	LF	975.000		975.000		
1540	656.0200	Electrical Service Meter Breaker Pedestal (location) 01. MB01	LS	1.000		1.000		
1550	656.0500	Electrical Service Breaker Disconnect Box (location) 01. CCTV-27-0036 / SDS-27-0008	LS	1.000		1.000		
1560	657.0255	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH	2.000		2.000		
1570	659.0802	Plaques Sequence Identification	EACH	1.000		1.000		
1580	662.1037.S	Ramp Closure Gates Hardwired 37-FT	EACH	2.000		2.000		
1590	662.3037.S	Ramp Closure Gate Arms Stockpile 37-FT	EACH	1.000		1.000		
1600	662.4000.S	Ramp Closure Gate Flashers Stockpile	EACH	1.000		1.000		
1610	670.0100	Field System Integrator	LS	1.000		1.000		
1620	670.0200	ITS Documentation	LS	1.000		1.000		
1630	671.0300	Fiber Optic Cable Marker	EACH	3.000		3.000		
1640	672.0250	Base Camera Pole 50-FT	EACH	1.000		1.000		
1650	673.0105	Communication Vault Type 1	EACH	1.000		1.000		
1660	673.0225.S	Install Pole Mounted Cabinet	EACH	1.000		1.000		
1670	675.0300	Install Mounted Controller Microwave Detector Assembly	EACH	1.000		1.000		
1680	675.0400.S	Install Ethernet Switch	EACH	1.000		1.000		
1690	677.0100	Install Camera Pole	EACH	1.000		1.000		
1700	677.0200	Install Camera Assembly	EACH	1.000		1.000		

3

DATE 12OCT15 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1023-00-72 QUANTITY	1023-00-80 QUANTITY	1023-06-73 QUANTITY	1023-06-75 QUANTITY
1710	678.0006	Install Fiber Optic Cable Outdoor Plant 6-CT	LF	825.000		825.000		
1720	678.0300	Fiber Optic Splice	EACH	8.000		8.000		
1730	678.0400	Fiber Optic Termination	EACH	6.000		6.000		
1740	678.0500	Communication System Testing	LS	1.000		1.000		
1750	690.0150	Sawing Asphalt	LF	96.000	54.000	14.000	14.000	14.000
1760	690.0250	Sawing Concrete	LF	9,880.000	2,396.000	2,178.000	2,360.000	2,946.000
1770	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,100.000	2,100.000			
1780	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	2,400.000	2,400.000			
1790	SPV.0035	Special 01. Continuously Reinforced Concrete Repair Special	CY	540.000		118.000		422.000
1800	SPV.0045	Special 01. PCMS Remote Communications	DAY	424.000	106.000	106.000	106.000	106.000
1810	SPV.0045	Special 02. Portable Speed Trailer	DAY	224.000	56.000	56.000	56.000	56.000
1820	SPV.0060	Special 01. Cleaning Ditch	EACH	25.000	8.000	9.000	6.000	2.000
1830	SPV.0060	Special 03. Ground Rod	EACH	1.000		1.000		
1840	SPV.0090	Special 01. Regrade Ditch	LF	500.000			500.000	
1850	SPV.0105	Special 01. 1023-00-80 Milling and Removing Temporary Joint	LS	1.000		1.000		
1860	SPV.0105	Special 02. 1023-06-75 Milling and Removing Temporary Joint	LS	1.000				1.000
1870	SPV.0105	Special 03. 1023-00-72 Material Transfer Vehicle	LS	1.000	1.000			
1880	SPV.0105	Special 04. 1023-06-73 Material Transfer Vehicle	LS	1.000			1.000	
1890	SPV.0105	Special 05. 1023-00-80 Material Transfer Vehicle	LS	1.000		1.000		
1900	SPV.0105	Special 06. 1023-06-75 Material Transfer Vehicle	LS	1.000				1.000
1910	SPV.0105	Special 07. 1023-00-80 Preparation of Foundation for Asphaltic Paving Special	LS	1.000		1.000		
1920	SPV.0105	Special 08. 1023-06-75 Preparation of Foundation for Asphaltic Paving Special	LS	1.000				1.000
1930	SPV.0105	Special 09. 1023-00-72 Milling and Removing Temporary Joint	LS	1.000	1.000			
1940	SPV.0105	Special 10. 1023-06-73 Milling and Removing Temporary Joint	LS	1.000			1.000	
1950	SPV.0105	Special 11. 1023-00-72 Preparation of Foundation for Asphaltic Paving Special	LS	1.000	1.000			
1960	SPV.0105	Special 12. 1023-06-73 Preparation of Foundation for Asphaltic Paving Special	LS	1.000			1.000	
1970	SPV.0170	Special 01. Reheating HMA Pavement Longitudinal Joints Special	STA	1,890.000	478.000	472.000	472.000	468.000
1980	SPV.0180	Special 01. Concrete Pavement Repair Doweled Special	SY	913.000	464.000		449.000	
1990	SPV.0180	Special 02. Concrete Pavement Replacement Doweled Special	SY	608.000	288.000		320.000	
2000	SPV.0195	Special 01. HMA Pavement Type SMA-Special	TON	32,841.000	8,200.000	8,155.000	8,401.000	8,085.000
2010	SPV.0195	Special 02. SMA Pavement Compaction Acceptance	TON	32,841.000	8,200.000	8,155.000	8,401.000	8,085.000

3

3

ROADSIDE CLEARING

CATEGORY	STATION TO	STATION	LOCATION	202.0105 STA	REMARKS
0010	24'O'+25	- 26'O'+25	CTH O RT.	2	20FT. STRIP OF TREES
			TOTAL 0010	2	

REMOVING ASPHALTIC SURFACE

CATEGORY	STATION TO	STATION	LOCATION	204.0110 SY	REMARKS
0010	2155+00		CTH O EXIT RAMP RT.	14	FLUME 6' X 20'
0010	2155+00		CTH O EXIT RAMP LT.	14	FLUME 6' X 20'
			TOTAL 0010	28	

REMOVING ASPHALTIC SURFACE BUTT JOINTS

CATEGORY	STATION	LOCATION	204.0115 SY	REMARKS
0010	2137+61	IH 94	422	START
0010	2156+00	IH 94	211	B-27-0059 UPPER LAYER
0010	2155+00	IH 94	211	B-27-0059 LOWER LAYER
0010	2158+00	IH 94	211	B-27-0059 UPPER LAYER
0010	2159+00	IH 94	211	B-27-0059 LOWER LAYER
0010	2372+92	IH 94	422	END
0010	12+50	CTH O	344	START
		TOTAL 0010	2032	

REMOVING CURB & GUTTER

CATEGORY	STATION TO	STATION	LOCATION	204.0150 LF	REMARKS
0010	255625	- 255650	IH 94 RT.	25	UNDER BEAM GUARD
			TOTAL 0010	25	

REMOVING ASPHALTIC SURFACE MILLING

CATEGORY	STATION TO	STATION	LOCATION	204.0120 SY	REMARKS
0010			MAINTENANCE X-OVERS	445	DEPTH 1.75-INCH
0010	2137+61	- 2372+92.34	IH 94 RT. SHLD 4' WIDE	10459	
0010	2137+61	- 2372+92.34	IH 94 LT. SHLD 4' WIDE	10459	
0010	12+50	- 20+00	CTH O	2000	ROADWAY
0010	12+50	- 20+00	CTH O	1334	SHOULDERS
			TOTAL 0010	24697	

REMOVING DELINEATORS AND MARKERS

CATEGORY	STATION TO	STATION	LOCATION	204.0180 EACH	REMARKS
0010	2137+61	- 2372+92	IH 94	82	
0010	2158+00	- 2180+00	CTH O ENTRANCE RAMP	26	
0010	2140+00	- 2156+00	CTH O EXIT RAMP	18	
0010	2137+61	- 2372+92	IH 94	32	CULVERTS
			TOTAL 0010	158	

REMOVING (ITEM DESCRIPTION) 01. APRON ENDWALLS

CATEGORY	STATION TO	STATION	LOCATION	204.9060.S.01 EACH	REMARKS
0010	2137+61	- 2258+00	IH 94	48	RIGHT UNDERDRAIN 6-INCH
0010	2137+61	- 2258+00	IH 94	42	LEFT UNDERDRAIN 6-INCH
0010	2259+00	- 2372+92	IH 94	36	RIGHT UNDERDRAIN 6-INCH
0010	2259+00	- 2372+92	IH 94	41	LEFT UNDERDRAIN 6-INCH
0010		2578+10	IH 94	1	RIGHT 36"
0010		2603+38	IH 94	1	RIGHT 36"
0010		2607+00	IH 94	1	RIGHT 18"
0010		2611+00	IH 94	1	RIGHT 30"
			TOTAL 0010	171	

Division	From / To Station	Common Excavation (1)	Salvaged / Unusable Pavement Material (3)	Available Material (4)	Unexpanded Fill	Expanded Fill (5)	Mass Ordinate + / - (6)	Waste	Borrow
		Cut (2) item #205.0100				Factor 1.25			(item #208.0100)
Division 1									
090201- IH 94 JC EB	2135+00/2200+00	3,442	0	3,442	9,043	11,304	-7,862	0	7,862
Division 1 Subtotal		3,442	0	3,442	9,043	11,304	-7,862	0	7,862
Division 2									
090202- IH 94 JC EB	2200+50/2259+50	37	0	37	9,463	11,829	-11,792	0	11,792
Division 2 Subtotal		37	0	37	9,463	11,829	-11,792	0	11,792
Division 3									
090203- IH 94 JC EB	2265+50/2324+50	235	0	235	11,826	14,783	-14,548	0	14,548
Division 3 Subtotal		235	0	235	11,826	14,783	-14,548	0	14,548
Division 4									
090204- IH 94 JC EB	2330+50/2370+00	655	0	655	6,018	7,522	-6,867	0	6,867
Division 3 Subtotal		655	0	655	6,018	7,522	-6,867	0	6,867
Grand Total		4,368.70	0.00	4,368.70	36,350.10	45,437.63	-41,068.93	0.00	41,068.93
	Total Common Exc	**4,369**						**Total**	**41,069**

1) Item number 205.0100
2) Salvaged/Unsuable Pavement Material is included in Cut.
3) Salvaged/Unusable Pavement Material
4) Available Material = Cut - Salvaged/Unusuable Pavement Material
5) Expanded Fill. Factor = 1.25
6) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the Division.

FILE NAME : N:\PDS\Projects-LET\1023-00-06\PSE\misq\030200_mq_10230076.ppt PLOT DATE : January 09,, 2010 PLOT BY : dothd2a PLOT NAME : 030200 PLOT SCALE : 1:1

3

BASE AGGREGATE DENSE 3/4-INCH

CATEGORY	STATION TO	STATION	LOCATION	305.0110 TON	REMARKS
0010	2137+61	- 2372+92	SHOULDERS	3500	
			TOTAL 0010	3500	

SHAPING SHOULDERS

CATEGORY	STATION TO	STATION	LOCATION	305.0500 STA	REMARKS
0010	213761	- 237292	IH 94	472	
0010	215800	- 218000	CTH O ENTRANCE RAMP	22	
0010	214000	- 215600	CTH O EXIT RAMP	16	
			TOTAL 0010	510	

BASE AGGREGATE OPEN GRADED

NOTE: USED TO REPLACE PIPE UNDERDRAIN ENDWALLS.

CATEGORY	STATION TO	STATION	LOCATION	310.0110 TON	REMARKS
					2 TON PER LOCATION
0010	2137+61	- 2258+00	IH 94	96	RIGHT 48
0010	2137+61	- 2258+00	IH 94	84	LEFT 42
0010	2259+00	- 2372+92	IH 94	72	RIGHT 36
0010	2259+00	- 2372+92	IH 94	82	LEFT 41
			TOTAL 0010	334	

DRILLED TIE BARS

CATEGORY		STATION TO	STATION	LOCATION	416.0610 EACH	REMARKS
0010	B.O.P.					1 - 24 X 12 / 9 = 32 SY
0010	128	2137+61	- 2139+90	IH 94 EB	0	0 PASSING 0 DRIVING
0010	129	2139+90	- 2188+90	IH 94 EB	13	0 P / 1 D
0010	130	2189+90	- 2241+20	IH 94 EB	26	0 P / 2 D
0010	131	2241+20	- 2293+80	IH 94 EB	13	0 P / 1 D
0010	132	2293+80	- 2346+18.7	IH 94 EB	52	1 P / 3 D
0010	C.L.	2346+18.7	- 2372+92.2	IH 94 EB	13	0 P / 1 D
0010		2372+92.2		IH 94 EB		COUNTY LINE
				TOTAL 0010	117	

DRILLED DOWEL BARS

CATEGORY		STATION TO	STATION	LOCATION	416.0620 EACH	REMARKS
0010	B.O.P.					1 - 6 X 12 / 9 = 8 SY
0010	128	2137+61	- 2139+90	IH 94 EB	0	0 PASSING 0 DRIVING
0010	129	2139+90	- 2188+90	IH 94 EB	178	1 P / 9 D
0010	130	2189+90	- 2241+20	IH 94 EB	284	2 P / 14 D
0010	131	2241+20	- 2293+80	IH 94 EB	138	3 P / 5 D
0010	132	2293+80	- 2346+18.7	IH 94 EB	1168	4 P / 16 D
0010	C.L.	2346+18.7	- 2372+92.2	IH 94 EB	72	0 P / 4 D
0010		2372+92.2		IH 94 EB		COUNTY LINE (C.L.)
0010	B.O.P.					1 - 24 X 12 / 9 = 32 SY
0010	128	2137+61	- 2139+90	IH 94 EB	0	0 PASSING 0 DRIVING
0010	129	2139+90	- 2188+90	IH 94 EB	18	0 P / 1 D
0010	130	2189+90	- 2241+20	IH 94 EB	36	0 P / 2 D
0010	131	2241+20	- 2293+80	IH 94 EB	18	0 P / 1 D
0010	132	2293+80	- 2346+18.7	IH 94 EB	70	1 P / 3 D
0010	C.L.	2346+18.7	- 2372+92.2	IH 94 EB	18	0 P / 1 D
0010		2372+92.2		IH 94 EB		COUNTY LINE
				TOTAL 0010	2000	

3

ASPHALTIC MATERIAL PG58-34

CATEGORY	STATION TO STATION	LOCATION	455.0110 TON	REMARKS
0010	2137+61 - 2372+92	IH 94	308	RT. SHOULDER
0010	12+50 - 20+00	CTH O	13	8' SHOULDER
		TOTAL 0010	321	

ASPHALTIC MATERIAL PG64-34P

CATEGORY	STATION TO STATION	LOCATION	455.0145 TON	REMARKS
0010	2137+61 - 2372+92	IH 94	339	E-10
0010		IH 94 EX RAMP	26	
0010		IH ENT RAMP	29	
0010	12+50 - 20+00	CTH O	18	
		TOTAL 0010	412	

TACK COAT

CATEGORY	STATION TO STATION	LOCATION	455.0605 GAL	REMARKS
0010	2137+61 - 2372+92	IH 94	3716	SMA: S.Y. X 0.05 PER LIFT
0010	2137+61 - 2372+92	IH 94 & MEDIAN SHOULDER	3716	LOWER LAYER E-10
0010		CTH O ENTRANCE RAMP	159	LOWER LAYER E-10
0010		CTH O EXIT RAMP	143	LOWER LAYER E-10
0010		CTH O	129	LOWER LAYER E-10
0010		CTH O ENTRANCE RAMP	159	UPPER LAYER E-10
0010		CTH O EXIT RAMP	143	UPPER LAYER E-10
0010		CTH O	129	UPPER LAYER E-10
0010	2137+61 - 2372+92	IH 94 OUTSIDE SHOULDER	1327	LOWER LAYER E-0.3
0010	2137+61 - 2372+92	IH 94 OUTSIDE SHOULDER	1327	UPPER LAYER E-0.3
0010		MAINTENANCE X-OVERS	22	
		TOTAL 0010	10970	

HMA PAVEMENT TYPE E-0.3

CATEGORY	STATION TO STATION	LOCATION	460.1100 TON	REMARKS
0010	2137+61 - 2372+92	10' OUTSIDE SHOULDER	5125	OVERLAY OF EXISTING SHOULDER & REPAIR
0010		MAIN. X-OVER	43	
0010	12+50 - 20+00	CTH O	220	8' SHOULDER
		TOTAL 0010	5388	

HMA PAVEMENT TYPE E-10

CATEGORY	STATION TO STATION	LOCATION	460.1110 TON	REMARKS
0010	2137+61 - 2372+92	IH 94 & MEDIAN SHOULDER	6150	LOWER LAYER
0010		CTH O ENTRANCE RAMP	525	
0010		CTH O EXIT RAMP	471	
0010	12+50 - 20+00	CTH O	330	BETWEEN RAMPS
0010		MAINTENANCE X-OVERS		
		TOTAL 0010	7476	

ASPHALTIC SURFACE

CATEGORY	STATION TO STATION	LOCATION	465.0105 TON	REMARKS
0010	2137+61 - 2372+92	IH 94 RT.	1465	4' WIDE OVERLAY @ 2.5" MILL DEPTH
0010	2137+61 - 2372+92	IH 94 LT.	1465	4' WIDE OVERLAY @ 2.5" MILL DEPTH
		TOTAL 0010	2930	

3

3

ASPHALTIC SURFACE PATCHING

CATEGORY	STATION TO	STATION	LOCATION	465.0110 TON	REMARKS
0010	2137+61	- 2372+92	IH 94	450	FILL IN DOWL BARS
0010				50	UNDISTRIBUTED
			TOTAL 0010	500	

ASPHALTIC SHOULDER RUMBLE STRIPS

CATEGORY	STATION TO	STATION	LOCATION	465.0400 LF	REMARKS
0010	2137+61	- 2372+92	IH 94 LT.	23890	
0010	2137+61	- 2372+92	IH 94 RT.	22280	
			TOTAL 0010	46170	

ASPHALTIC FLUMES

CATEGORY	STATION	LOCATION	465.0315 SY	REMARKS
0010	2155+00	CTH O EXIT RAMP RT.	14	FLUME 6' X 20'
0010	2155+00	CTH O EXIT RAMP LT.	14	FLUME 6' X 20'
		TOTAL 0010	28	

RECONSTRUCTING INLETS

Note: INLET TYPE 8 HAS 1 MS GRATE, TYPE 9 2 MS GRATES, TYPE 10 3 MS GRATES.

CATEGORY	STATION	LOCATION	611.0430 EACH	REMARKS
0010	2139+80 LT.	IH 94	1	ORIGINAL TYPE 9 MS
0010	2172+00 LT.	IH 94	1	ORIGINAL TYPE 10 MS
0010	2184+50 LT.	IH 94	1	ORIGINAL TYPE 10 MS
0010	2192+00 LT.	IH 94	1	ORIGINAL TYPE 8 MS
0010	2371+20 LT.	IH 94	1	ORIGINAL TYPE 9 MS
		TOTAL 0010	5	

NOTE: JOINT TIES REQUIRED

CATEGORY	STATION TO	STATION	LOCATION	CLEANING CULVERT PIPE 520.8700 EACH	CULVERT PIPE REINFORCED CONCRETE CLASS IV 30-INCH 522.0330 LF	CULVERT PIPE SALVAGED 24-INCH 524.0124 LF	AEW CULVERT PIPE SALVAGED 24-INCH 524.0624 EACH	AEW CULVERT PIPE SALVAGED 30-INCH 524.0630 EACH	INLET COVERS TYPE V 611.0654 EACH	INLETS 2X2-FT 611.3220 EACH	MARKERS CULVERT END 633.5200 EACH	CLEANING DITCH SPV.0060.01 EACH	REMARKS
0010		2136+75	IH 94 LT.	1			1						
0010		2156+50	IH 94 RT.						1	1		1	BRIDGE SURFACE DRAIN CLEAN OPENING
0010		2157+75	IH 94 LT. & RT.			8	2						ALONG CTH O
0010		2192+00	IH 94	1									
0010		2226+25	IH 94 LT. & RT.									2	CLEAN ENDWALLS
0010		2233+00	IH 94 RT.									1	CLEAN ENDWALL
0010		2246+00	IH 94 RT.									1	CLEAR BRUSH
0010		2254+75	IH 94	1									
0010		2272+50	IH 94 RT.									1	CLEAR DITCH
0010		2276+40	IH 94 RT.									1	CLEAR DITCH
0010		2362+00	IH 94 RT.		8			1					EXTEND PIPE
0010		2371+20	IH 94 RT.					1				1	CLEAR DITCH
0010	2137+61	- 2372+92	IH 94 LT.								13		
0010	2137+61	- 2372+92	IH 94 RT.								19		
			TOTAL 0010	3	8	8	3	2	1	1	32	8	

3

PIPE UNDERDRAIN UNPERFORATED 6-INCH

NOTE: USED TO REPLACE CONCRETE APRON ENDWALL PIPE UNDERDRAIN.

CATEGORY	STATION TO	STATION	LOCATION	612.0206 LF	REMARKS
0010	2137+61	- 2258+00	IH 94	96	RIGHT (2 FOOT SECTIONS)
0010	2137+61	- 2258+00	IH 94	84	LEFT
0010	2259+00	- 2372+92	IH 94	72	RIGHT
0010	2259+00	- 2372+92	IH 94	82	LEFT
			TOTAL 0010	334	

GUARDRAIL MOW STRIP CONCRETE

CATEGORY	STATION TO	STATION	LOCATION	614.0395 SY	REMARKS
0010	2156+00	- 2156+60	IH 94 RT.	9	20' X 4'
			TOTAL 0010	9	

3

BARRIER SYSTEM GRADING SHAPING FINISHING

CATEGORY	STATION	LOCATION	614.0010 EACH	**COMMON EXC. (CY)	**FILL (CY)	**BORROW (CY)	**TOPSOIL (SY)	**FERTILIZER TYPE B (CWT)	**SEEDING #20 (LB)	REMARKS
0010	2154+60	IH 94 LT.	1	--	253.00	253.00	1039.00	0.60	17.00	CTH O
0010	2155+30	IH 94 RT.	1	--	72.00	72.00	296.00	0.60	5.00	CTH O
		TOTAL 0010	2	0	325	325	1335	1	22	

**NON- BID ITEM, ITEMS AND QUANTITIES LISTED FOR BID INFORMATION ONLY. ITEMS INCIDENTAL TO BARRIER SYSTEM GRADING SHAPING FINISHING

PIPE UNDERDRAIN UNPERFORATED 12-INCH

CATEGORY	STATION TO	STATION	LOCATION	612.0212 LF	REMARKS
0010	2156+47.5	- 2156+60	IH 94 RT.	12.5	CONNECT INLET TO EXISTING DRAIN
			TOTAL 0010	12.5	

SALVAGED RAIL

CATEGORY	STATION TO	STATION	LOCATION	614.0920 LF	REMARKS
0010	2155+51	- 2156+14	IH 94 RT.	71	
0010	2154+64	- 2156+39	IH 94 LT.	171	
			TOTAL 0010	242	

SALVAGED GUARDRAIL END TREATMENTS

CATEGORY	STATION	LOCATION	614.0925 EACH	REMARKS
0010	2155+30	IH 94 RT	1	
0010	2154+64	IH 94 LT.	1	
		TOTAL 0010	2	

3

CATEGORY	STATION TO	STATION	LOCATION	MGS GUARDRAIL 3 614.2300 LF	MGS THRIE BEAM TRANSITION 614.2500 LF	MGS GUARDRAIL TERMINAL EAT 614.2610 EACH	REMARKS
0010	2152+93	- 2156+60.5	IH 94 LT.	275	39.5	1	22 @ 12.5'
0010	2154+93.5	- 2156+36	IH 94 RT.	50	39.5	1	4 @ 12.5'
			TOTAL 0010	325	79	2	

SILT FENCE

CATEGORY	STATION TO	STATION	LOCATION		REMARKS
0010	2137+61	- 2372+92	IH 94	580	USED TO PROTECT WET LAND AREAS AND INLET PROTECTION
			TOTAL 0010	580	

3

SALVAGED TOPSOIL

CATEGORY	STATION TO	STATION	LOCATION	625.0500 SY	REMARKS
0010	2137+61	- 2372+92	IH 94	212356	EST 80' MED. & RT.
0010			IH 94	50	PIPE WORK
0010		2095+92	IH 94	10	BOX CULVERT RT.
			TOTAL 0010	212416	

SILT FENCE MAINTENANCE

CATEGORY	STATION TO	STATION	LOCATION	628.1520 LF	REMARKS
0010	2137+61	- 2372+92	IH 94	580	USED TO PROTECT WET LAND AREAS AND INLET PROTECTION
			TOTAL 0010	580	

MULCHING

CATEGORY	STATION TO	STATION	LOCATION	627.0200 SY	REMARKS
0010	2137+61	- 2372+92	IH 94	180502	EST 80 - 12 (68) MED. & RT.
			TOTAL 0010	180502	

EROSION MAT CLASS I TYPE B

CATEGORY	STATION TO	STATION	LOCATION	628.2004 SY	REMARKS
0010	2137+61	- 2372+92	IH 94 RT.	15927	23890 X 6 / 9
0010	2137+61	- 2372+92	IH 94 LT.	15927	238906 X 6 / 9
0010			IH 94	1000	MISC. LOW FILLS 4' WIDE MAT HIGH FILLS 8' WIDE MAT
			TOTAL 0010	32854	

3

FERTILIZER TYPE B

CATEGORY	STATION TO	STATION	LOCATION	629.0210 CWT	REMARKS
0010	2137+61	- 2372+92	IH 94	49	EST 80 - 12 (68) MED. & RT. 7 LB PER 1000 SF
			TOTAL 0010	49	

WATER

CATEGORY	STATION TO	STATION	LOCATION	624.0100 MGAL	REMARKS
0010	2137+61	- 2372+92.34	IH 94	37	
			TOTAL 0010	37	

3

SEEDING MIXTURE NO. 20

CATEGORY	STATION TO	STATION	LOCATION	630.0120 LB	REMARKS
0010	2137+61	- 2372+92	IH 94	4873	EST 80 - 12 (68) MED. & RT. 3 LB PER 1000 SF
			TOTAL 0010	4873	

CATEGORY	STATION TO	STATION	LOCATION	DELINEATOR POSTS STEEL 633.0100 EACH	DELINEATOR REFLECTORS 633.0500 EACH	REMARKS
0010	2137+61	- 2372+92	IH 94	82	120	
0010	2158+00	- 2180+00	CTH O ENTRANCE RAMP	18	9	
0010	2140+00	- 2156+00	CTH O EXIT RAMP	26	6	
			TOTAL 0010	126	135	

CATEGORY	SIGN CODE	STATION	SIZE	SIGN DISCRIPTION	POST WOOD 4 X 6 14-FT 634.0614 EACH	POST WOOD 4 X 6 16-FT 634.0616 EACH	POST WOOD 4 X 6 18-FT 634.0618 EACH	POST WOOD 4 X 6 20-FT 634.0620 EACH	SIGNS TYPE II REF H 637.2210 SF	SIGNS TYPE II REF H FOLDING 637.2215 SF	SIGNS TYPE II REF F 637.2230 SF	REMOVING SIGNS TYPE II 638.2602 EACH	REMOVING SMALL SIGN SUPPORTS 638.3000 EACH	REMARKS
0010	D10-3	2140+00	12X48	MILE 128	1				4.00			1	1	IH 94
0010	E5-1A	2149+00	90X60	EXIT 128 ARROW				2	37.50			1	2	EXIT RAMP CTH O
0010	JV-F	2149+00	36X54	ALT 94 FOLD						13.50		1		EXIT RAMP CTH O
0010	W3-1	2149+00	36X36	STOP AHEAD			1				9.00	1	2	EXIT RAMP CTH O
0010	R7-64	2150+00	48+30	NO PARK		1			10.00			1	1	EXIT RAMP CTH O
0010	D7-71-L	2151+20	60X36	STATE PARK	2				15.00			1		EXIT RAMP CTH O
0010	D1-1	2152+70	66X15	MILLSTON ARROW	2				6.88			1	2	EXIT RAMP CTH O
0010	J13-2	2154+20	48X45	DIRECTIONAL ASSEMBLY				1	15.00			2	1	EXIT RAMP CTH O
0010	R5-1A	2154+00	36X24	WRONG WAY					6.00			1		EXIT RAMP CTH O
0010	JV	2154+50	24X60	RUSTIC ROAD			1		10.00			1	1	EXIT RAMP CTH O
0010	R5-1A	2154+50	36X24	WRONG WAY					6.00			1		EXIT RAMP CTH O
0010	W12-1D	2155+50	24X24	DOUBLE ARROW DOWN							4.00	1		USE EXISTING POST
0010	R6-2R	2155+50	24X30	ONE WAY	1				5.00			1	1	RAMP INTERSECTION
0010	R1-1	2155+50	36X36	STOP	3				22.38			3	3	3 SIGNS @ 7.46 SF
0010	R5-1	2155+50	30X30	DO NOT ENTER	3				18.75			3	3	3 SIGNS @ 6.25 SF
0010	R6-2L	2156+00	24X30	ONE WAY	1				5.00			1	1	RAMP INTERSECTION
0010	W5-52L	2156+55		BRIDGE MARKERS								1	1	DO NOT REPLACE
0010	W5-52R	2156+55		BRIDGE MARKERS								1	1	DO NOT REPLACE
0010	R7-64	2157+50	48X30	NO PARKING		1			10.00			1	1	ENTRANCE RAMP
0010	R5-57	2160+00	36X36	NO PEDS		1			9.00			1	1	ENTRANCE RAMP
0010	W4-1	2161+00	48X48	MERGING		2					16.00			NEW LOCATION
0010	W4-1	2163+50	48X48	MERGING								1	2	REMOVE
0010	J4-1	2179+00	36X54	EAST 94								1	1	REMOVE
0010	R3-4B	2179+80	36X48	NO U TURN		1			12.00					IH 94
0010	R3-4B	2180+00	36X48	NO U TURN		1			12.00			2	1	IH 94
0010	J4-1	2183+50	36X54	EAST 94			1		13.50					IH 94
0010	R3-2	17'C'+00 RT.	24X24	NO LEFT TURN	1				4.00			1	1	CTH O
0010	J3-1	17'C'+00 RT.	24X57	EAST 94 ARROW			1		9.50			1	1	CTH O
0010	R3-2	18'C'+00 RT.	24X24	NO RIGHT TURN	1				4.00			1	1	CTH O
0010	J3-1	18'C'+00 RT.	24X57	EAST 94 ARROW			1		9.50			1	1	CTH O
0010	J2-1	19'C'+30 RT.	24X57	WEST 94 ARROW			1		9.50			1	1	CTH O
0010	D1-1	19'C'+30 LT.	66X15	MADISON ARROW	2				6.88			1	2	CTH O
0010	D10-3	2188+80	12X48	MILE 129	1				4.00			1	1	IH 94
0010	W11-3	2195+50	48X48	DEER CROSSING								1	1	IH 94
0010	W57-51	2195+50	48X24	NEXT_MILES								1		IH 94
0010	D10-3	2251+00	12X48	MILE 130	1				4.00			1	1	IH 94
0010	D10-3	2293+50	12X48	MILE 131	1				4.00			1	1	IH 94
0010	D10-3	2356+00	12X48	MILE 132	1				4.00			1	1	IH 94
0010		2364+00		EAST 94								1	1	REMOVE
				TOTAL 0010	21	7	6	3	277.39	13.50	29.00	42	39	

3

SIGN SUPPORTS REPLACING BASE CONNECTION BOLTS

635.0300

CATEGORY	STATION	LOCATION	EACH	REMARKS
0010	2139+61	IH 94 RT.	8	EXIT 128
0010	2200+00	IH 94 RT.	8	MILEAGE
		TOTAL 0010	16	

SIGNS TYPE I REFLECTIVE H

637.1210

CATEGORY	SIGN CODE	STATION	SIZE	LOCATION	SF	REMARKS
0010	E1-5P	2139+61	108 X 30	IH 94	22.5	EXIT 128
0010	E4-1A		192 X 90		120.0	MILLSTON / O / ARROW
0010	D2-2	2200+00	168 X 60	IH 94	70.0	TOMAH MADISON
				TOTAL 0010	212.5	

REMOVING SIGNS TYPE I

638.2601

CATEGORY	STATION	LOCATION	EACH	REMARKS
0010	2139+61	IH 94	1	EXIT 128
0010	2200+00	IH 94	1	MILEAGE SIGN
		TOTAL 0010	2	

3

TRAFFIC CONTROL SURVEILLANCE AND MAINTENANCE (PROJECT) 01. 1023-00-72

CATEGORY	STATION TO	STATION	LOCATION	643.0200 DAY	REMARKS
0010	2137+61	- 2372+92	IH 94	92	
			TOTAL 0010	92	

TRAFFIC CONTROL BARRICADES TYPE III

CATEGORY	STATION TO	STATION	LOCATION	643.0420 DAY	REMARKS
0010	2137+61	- 2372+92	IH 94	330	
			TOTAL 0010	330	

TRAFFIC CONTROL DRUMS

CATEGORY	STATION TO	STATION	LOCATION	643.0300 DAY	REMARKS
0010	2137+61	- 2372+92	IH 94	5415	
			TOTAL 0010	5415	

TRAFFIC CONTROL WARNING LIGHTS TYPE A

CATEGORY	STATION TO	STATION	LOCATION	643.0705 DAY	REMARKS
0010	2137+61	- 2372+92	IH 94	150	
			TOTAL 0010	150	

TRAFFIC CONTROL WARNING LIGHTS TYPE C

CATEGORY	STATION TO	STATION	LOCATION	643.0715 DAY	REMARKS
0010	2137+61	- 2372+92	IH 94	700	
			TOTAL 0010	700	

3

TRAFFIC CONTROL ARROW BOARDS

CATEGORY	STATION TO STATION	LOCATION	643.0800 DAY	REMARKS
0010	2137+61 - 2372+92	IH 94	56	
		TOTAL 0010	56	

TRAFFIC CONTROL SIGNS

CATEGORY	STATION TO STATION	LOCATION	643.0900 DAY	REMARKS
0010	2137+61 - 2372+92	IH 94	3300	
		TOTAL 0010	3300	

TRAFFIC CONTROL COVERING SIGNS TYPE II

CATEGORY	STATION	NUMBER OF CYCLES	LOCATION	643.0920 EACH	REMARKS
0010	2192+00	14	IH 9A	14	SPEED LIMIT 65
			TOTAL 0010	14	

TRAFFIC CONTROL SIGNS FIXED MESSAGE

CATEGORY	STATION	LOCATION	643.1000 SF	REMARKS
0010		IH 94	56	PERIODIC LANE CLOSURES SHOWN ON ADVANCED WARNING DETAIL SHEET
		TOTAL 0010	56	

TRAFFIC CONTROL SIGNS PCMS

CATEGORY	STATION	LOCATION	643.1050 DAY	REMARKS
0010	WEST OF CTH O	IH 94 EB	106	
		TOTAL 0010	106	

3

FILE NAME : N:\PDS\Projects-LET\1023-00-06\PSE\misq\030200_mq_10230076.ppt PLOT DATE : January 09,, 2010 PLOT BY : dothd2a PLOT NAME : 030200 PLOT SCALE : 1:1

3

PAVEMENT MARKING EPOXY 4-INCH

CATEGORY	STATION TO	STATION	LOCATION	646.0106 LF	REMARKS
0010	10+00	- 20+00	CTH O	2000	WHITE
0010	10+00	- 20+00		2000	YELLOW
			TOTAL 0010	4000	

PAVEMENT MARKING GROOVED WET REFLECTIVE EPOXY 8-INCH

CATEGORY	STATION TO	STATION	LOCATION	646.2308.S LF	REMARKS
0010	2146+30	- 2150+00	IH 95 EB	508	GORE AT EXIT CTH O
0010	2165+00	- 2172+70	IH 95 EB	1609	GORE AT ENTRY CTH O
0010		2155+00 RT.	IH 95 EB	102	GORE AT CTH O RAMP ISLAND TIP AT END OF RAMP
			TOTAL 0010	2219	

3

REMOVING RAISED PAVEMENT MARKERS

CATEGORY	STATION TO	STATION	LOCATION	646.0790.S EACH	REMARKS
0010	2140+00	- 2372+92	IH 94	233	100' C-C
0010	2126+00	- 2130+00	CTH O RAMPS	16	25' C-C
			TOTAL 0010	249	

PAVEMENT MARKING STOP LINE EPOXY 18-INCH

CATEGORY	STATION TO	STATION	LOCATION	647.0566 LF	REMARKS
0010		2156+00 RT.	IH 94 E.B.	52	OFF RAMP CTH O
			TOTAL 0010	52	

PAVEMENT MARKING GROOVED WET REFLECTIVE EPOXY 4-INCH

CATEGORY	STATION TO	STATION	LOCATION	646.2304.S LF	REMARKS
0010	2137+61	- 2372+92	IH 94 EB	5980	WHITE C/L
0010	2137+61	- 2372+92	IH 94 EB	23917	WHITE CTH O 1637
0010	2140+00	- 2146+00	IH 94 EB	127	WHITE MIN SKIPS AT RAMP
0010	2137+61	- 2372+92	IH 94 EB	23890	YELLOW
0010	2150+00	- 2155+00	IH 94 EB	500	CTH O RAMP RT. EX WHITE
0010	2150+00	- 2155+00	IH 94 EB	500	CTH O RAMP LT. EX YELLOW
0010	2157+00	- 2165+00	IH 94 EB	800	CTH O RAMP RT. ENT WHITE
0010	2157+00	- 2165+00	IH 94 EB	800	CTH O RAMP LT. ENT YELLOW
			TOTAL 0010	56514	

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH

CATEGORY	STATION TO	STATION	LOCATION	649.0400 LF	REMARKS
0010	2140+00	- 2180+00	CTH O RAMPS	400	LOWER LAYER
0010			CTH O RAMPS	400	UPPER LAYER SEE S.D.D. 15D15-1
			TOTAL 0010	800	

3

TEMPORARY PAVEMENT MARKING PAINT 4-INCH

CATEGORY	STATION TO	STATION	LOCATION	649.0402 LF	REMARKS
0010	2137+61	- 2372+92	IH 94	55063	LOWER LAYER
0010	2137+61	- 2372+92	IH 94	55063	UPPER LAYER
			TOTAL 0010	110126	

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 8-INCH

CATEGORY	STATION TO	STATION	LOCATION	649.0801 LF	REMARKS
0010	2140+00	- 2180+00	CTH O RAMPS	400	LOWER LAYER
0010			CTH O RAMPS	400	UPPER LAYER SEE S.D.D. 15D15-1
			TOTAL 0010	800	

TEMPORARY PAVEMENT MARKING PAINT 8-INCH

CATEGORY	STATION TO	STATION	LOCATION	649.0802 LF	REMARKS
0010	2137+61	- 2372+92	IH 94	2219	LOWER LAYER
0010	2137+61	- 2372+92	IH 94	2219	UPPER LAYER
			TOTAL 0010	4438	

CONSTRUCTION STAKING PIPE CULVERTS

CATEGORY	STATION	LOCATION	650.6000 EACH	REMARKS
0010	2362+00	IH 94 RT.	1	EXTEND PIPE
		TOTAL 0010	1	

CONSTRUCTION STAKING RESURFACING REFERENCE

CATEGORY	STATION TO	STATION	LOCATION	650.8000 LF	REMARKS
0010	2137+61	- 2372+92	IH 94	23817	
0010	2158+00	- 2180+00	CTH O ENTRANCE RAMP	1150	
0010	2140+00	- 2156+00	CTH O EXIT RAMP	1000	
0010	12+50	- 20+00	CTH O	700	
			TOTAL 0010	26667	

CONSTRUCTION STAKING SLOPE STAKES

CATEGORY	STATION TO	STATION	LOCATION	650.9920 LF	REMARKS
0010	2137+61	- 2372+92	IH 94 RT.	22280	
			TOTAL 0010	22280	

3

SAWING ASPHALT

CATEGORY	STATION	LOCATION	690.0150 LF	REMARKS
0010	2137+61	IH 94	14	
0010	12+50	CTH O	40	
		TOTAL 0010	54	

SAWING CONCRETE

CATEGORY		STATION TO	STATION	LOCATION	690.0250 LF	REMARKS
0010	B.O.P.					1 - 6 X 12 / 9 = 8 SY
0010	128	2137+61 -	2139+90	IH 94 EB	0	0 PASSING 0 DRIVING
0010	129	2139+90 -	2188+90	IH 94 EB	336	1 P / 9 D
0010	130	2189+90 -	2241+20	IH 94 EB	536	2 P / 14 D
0010	131	2241+20 -	2293+80	IH 94 EB	260	3 P / 5 D
0010	132	2293+80 -	2346+18.7	IH 94 EB	664	4 P / 16 D
0010	C.L.	2346+18.7 -	2372+92.2	IH 94 EB	136	0 P / 4 D
0010		2372+92.2		IH 94 EB		COUNTY LINE (C.L.)
0010	B.O.P.					1 - 24 X 12 / 9 = 32 SY
0010	128	2137+61 -	2139+90	IH 94 EB	0	0 PASSING 0 DRIVING
0010	129	2139+90 -	2188+90	IH 94 EB	52	0 P / 1 D
0010	130	2189+90 -	2241+20	IH 94 EB	104	0 P / 2 D
0010	131	2241+20 -	2293+80	IH 94 EB	52	0 P / 1 D
0010	132	2293+80 -	2346+18.7	IH 94 EB	204	1 P / 3 D
0010	C.L.	2346+18.7 -	2372+92.2	IH 94 EB	52	0 P / 1 D
0010		2372+92.2		IH 94 EB		COUNTY LINE
				TOTAL 0010	2396	

SPECIAL 01. PCMS REMOTE COMMUNICATIONS

CATEGORY	STATION	LOCATION	SPV.0045.01 DAY	REMARKS
0010	WEST OF CTH O	IH 94 EB	106	WEST END
		TOTAL 0010	106	

SPECIAL 02. PORTABLE SPEED TRAILER

CATEGORY	STATION TO	STATION	LOCATION	SPV.0045.02 DAY	REMARKS
0010	2137+61 -	2372+92.34	IH 94	56	
			TOTAL 0010	56	

SPECIAL 01. REHEATING HMA PAVEMENT LONGITUDINAL JOINT SPECIAL

CATEGORY	STATION TO	STATION	LOCATION	SPV.0170.01 STA	REMARKS
0010	2137+61 -	2372+92	IH 94	239	UPPER LAYER LT.
0010	2137+61 -	2372+92	IH 94	239	UPPER LAYER RT.
			TOTAL 0010	478	

3

FILE NAME : N:\PDS\Projects-LET\1023-00-06\PSE\misq\030200_mq_10230076.ppt PLOT DATE : January 09,, 2010 PLOT BY : dothd2a PLOT NAME : 030200 PLOT SCALE : 1:1

SPECIAL 01. CONCRETE PAVEMENT REPAIR DOWELED SPECIAL

CATEGORY	MILE MARKER SIGN	STATION	TO	STATION	LOCATION	SPV.0180.01 SY	REMARKS
0010	B.O.P.						1 - 6 X 12 / 9 = 8 SY
0010	128	2137+61	-	2139+90	IH 94 EB	0.00	0 PASSING 0 DRIVING
0010	129	2139+90	-	2188+90	IH 94 EB	80.00	1 P / 9 D
0010	130	2189+90	-	2241+20	IH 94 EB	128.00	2 P / 14 D
0010	131	2241+20	-	2293+80	IH 94 EB	64.00	3 P / 5 D
0010	132	2293+80	-	2346+18.7	IH 94 EB	160.00	4 P / 16 D
0010	C.L.	2346+18.7	-	2372+92.2	IH 94 EB	32.00	0 P / 4 D
0010		2372+92.2			IH 94 EB		COUNTY LINE (C.L.)
					TOTAL 0010	464	

SPECIAL 01. HMA PAVEMENT TYPE SMA-SPECIAL

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0195.01 TON	REMARKS
0010	2137+61	-	2372+92	IH 94	8200	MAINLINE & MEDIAN SHLDR UPPER LAYER
				TOTAL 0010	8200	

SPECIAL 02. SMA PAVEMENT COMPACTION ACCEPTANCE

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0195.02 TON	REMARKS
0010	2137+61	-	2372+92	IH 94	8200	MAINLINE & MEDIAN SHLDR UPPER LAYER
				TOTAL 0010	8200	

SPECIAL 02. CONCRETE PAVEMENT REPLACEMENT DOWELED SPECIAL

CATEGORY	MILE MARKER SIGN	STATION	TO	STATION	LOCATION	SPV.0180.02 SY	REMARKS
0010	B.O.P.						1 - 24 X 12 / 9 = 32 SY
0010	128	2137+61	-	2139+90	IH 94 EB	0.00	0 PASSING 0 DRIVING
0010	129	2139+90	-	2188+90	IH 94 EB	32.00	0 P / 1 D
0010	130	2189+90	-	2241+20	IH 94 EB	64.00	0 P / 2 D
0010	131	2241+20	-	2293+80	IH 94 EB	32.00	0 P / 1 D
0010	132	2293+80	-	2346+18.7	IH 94 EB	128.00	1 P / 3 D
0010	C.L.	2346+18.7	-	2372+92.2	IH 94 EB	32.00	0 P / 1 D
0010		2372+92.2			IH 94 EB		COUNTY LINE
					TOTAL 0010	288	

3

REMOVING CONCRETE SURFACE PARTIAL DEPTH

CATEGORY	MILE MARKER SIGNS	STATION TO	STATION	LOCATION	204.0109.S SF	REMARKS
						12'LANE X 8' = 96'
0010	B.O.P.	2137+61 -	2139+90	IH 94 WB UPPER	96	0 PASSING 1 DRIVING
0010	128	2139+90 -	2188+90	IH 94 WB UPPER	198	0 P / 2 D
	129	2188+90 -	2241+20	IH 94 WB UPPER	288	1 P / 2 D
0010	130	2241+20 -	2293+80	IH 94 WB UPPER	288	2 P / 1 D
0010	131	2293+80 -	2346+18.7	IH 94 WB UPPER	576	2 P / 4 D
0010	132	2346+18.7 -	2374+11.98	IH 94 WB UPPER	384	1 P / 3 D
0010	C.L.	2374+11.98		IH 94 WB UPPER		COUNTY LINE
0010		2137+61	2374+12	IH 94 WB LOWER	15086	LAST PATCH JOB
				TOTAL 0010	16916	

REMOVING ASPHALTIC SURFACE BUTT JOINTS

CATEGORY	STATION	LOCATION	204.0115 SY	REMARKS
0010	2137+61	IH 94	422	START
0010	2156+00	IH 94	211	B-27-0059 UPPER LAYER
0010	2155+00	IH 94	211	B-27-0059 LOWER LAYER
0010	2158+00	IH 94	211	B-27-0059 UPPER LAYER
0010	2159+00	IH 94	211	B-27-0059 LOWER LAYER
0010	25+00	CTH O	344	END
		TOTAL 0010	1610	

REMOVING ASPHALTIC SURFACE MILLING

CATEGORY	STATION TO	STATION	LOCATION	204.0120 SY	REMARKS
0010	2137+61 -	2374+12	IH 94	101970	
0010			CTH O ENTRANCE RAMP	4167	
0010			CTH O EXIT RAMP	2780	
0010			CTH O	1870	
0010			RAMP TAPER	1111	
0010			MAINTENANCE X-OVER	445	
			TOTAL 0010	112343	

REMOVING DELINEATORS AND MARKERS

CATEGORY	STATION TO	STATION	LOCATION	204.0180 EACH	REMARKS
0010	2137+61 -	2374+12	IH 94	82	
0010	2158+00 -	2180+00	CTH O ENTRANCE RAMP	26	
0010	2140+00 -	2156+00	CTH O EXIT RAMP	18	
0010	2137+61 -	2374+12	IH 94	32	CULVERTS
			TOTAL 0010	158	

REMOVING CONCRETE BASES

CATEGORY	STATION	LOCATION	204.0195 EACH	REMARKS
0010	2102+00	IH 94	2	BLACK RIVER FALLS EAU CLAIRE ST PAUL
		TOTAL 0010	2	

BASE AGGREGATE DENSE 3/4-INCH

CATEGORY	STATION TO	STATION	LOCATION	305.0110 TON	REMARKS
0010	2137+61 -	2374+12	IH 94	400	SHOULDERS
			TOTAL 0010	400	

SHAPING SHOULDERS

CATEGORY	STATION TO	STATION	LOCATION	305.0500 STA	REMARKS
0010	2137+61 -	2374+12	IH 94	477	23834 / 100 X 2
			TOTAL 0010	477	

3

DRILLED TIE BARS

CATEGORY	MILE MARKER SIGNS	STATION TO STATION	LOCATION	416.0610 EACH	REMARKS
					1 - 24 X 12 = 13 BARS
0010	B.O.P.	2137+61 - 2139+90	IH 94 WB LOWER	13	0 PASSING 1 DRIVING
0010	128	2139+90 - 2188+90	IH 94 WB LOWER	26	0 P / 2 D
0010	129	2188+90 - 2241+20	IH 94 WB LOWER	39	1 P / 2 D
0010	130	2241+20 - 2293+80	IH 94 WB LOWER	39	2 P / 1 D
0010	131	2293+80 - 2346+18.7	IH 94 WB LOWER	78	2 P / 4 D
0010	132	2346+18.7 - 2374+11.98	IH 94 WB LOWER	52	1 P / 3 D
0010	C.L.	2374+11.98	IH 94 WB LOWER		COUNTY LINE
			TOTAL 0010	247	

DRILLED DOWEL BARS

CATEGORY	MILE MARKER SIGNS	STATION TO STATION	LOCATION	416.0620 EACH	REMARKS
					12'LANE = 16 BARS
0010	B.O.P.	2137+61 - 2139+90	IH 94 WB LOWER	16	0 PASSING 1 DRIVING
0010	128	2139+90 - 2188+90	IH 94 WB LOWER	32	0 P / 2 D
0010	129	2188+90 - 2241+20	IH 94 WB LOWER	48	1 P / 2 D
0010	130	2241+20 - 2293+80	IH 94 WB LOWER	48	2 P / 1 D
0010	131	2293+80 - 2346+18.7	IH 94 WB LOWER	96	2 P / 4 D
0010	132	2346+18.7 - 2374+11.98	IH 94 WB LOWER	64	1 P / 3 D
0010	C.L.	2374+11.98	IH 94 WB LOWER		COUNTY LINE
			TOTAL 0010	304	

ASPHALTIC MATERIAL PG58-34

CATEGORY	STATION TO STATION	LOCATION	455.0110 TON	REMARKS
0010	2137+61 - 2374+12	10' OUTSIDE SHOULDER	161	
0010		MAIN. X-OVER	3	
0010	20+00 - 25+00	CTH O	9	
		TOTAL 0010	173	

ASPHALTIC MATERIAL PG64-34P

CATEGORY	STATION TO STATION	LOCATION	455.0145 TON	REMARKS
0010	2137+61 - 2374+12	IH 94 & MEDIAN SHOULDER	561	LOWER LAYER
0010	20+00 - 25+00	CTH O	12	
0010	2140+00 - 2147+72	CTH O ENTRANCE RAMP	26	
0010	2147+22 - 2159+00	CTH O ENTRANCE RAMP	5	
0010	2159+00 - 2169+29	CTH O EXIT RAMP	8	
0010	2169+29 - 2174+09	CTH O EXIT RAMP	28	
		TOTAL 0010	640	

TACK COAT

S.Y. X 0.05 PER LIFT

CATEGORY	STATION TO STATION	LOCATION	455.0605 GAL	REMARKS
0010	2137+61 - 2374+12	IH 94	3707	SMA UPPER LAYER
0010	2137+61 - 2374+12	IH 94 & MEDIAN SHOULDER	3707	LOWER LAYER E-10
0010	20+00 - 25+00	CTH O	172	UPPER & LOWER
0010	2140+00 - 2147+72	CTH O ENTRANCE RAMP	142	LOWER LAYER E-10
0010	2147+22 - 2159+00	CTH O ENTRANCE RAMP	517	LOWER LAYER E-10
0010	2159+00 - 2169+29	CTH O EXIT RAMP	472	LOWER LAYER E-10
0010	2169+29 - 2174+09	CTH O EXIT RAMP	88	LOWER LAYER E-10
0010	2140+00 - 2147+72	CTH O ENTRANCE RAMP	143	UPPER LAYER E-10
0010	2147+22 - 2159+00	CTH O ENTRANCE RAMP	27	UPPER LAYER E-10
0010	2159+00 - 2169+29	CTH O EXIT RAMP	43	UPPER LAYER E-10
0010	2169+29 - 2174+09	CTH O EXIT RAMP	157	UPPER LAYER E-10
0010	2137+61 - 2374+12	IH 94 OUTSIDE SHOULDER	1219	LOWER LAYER E-0.3
0010	2137+61 - 2374+12	IH 94 OUTSIDE SHOULDER	1219	UPPER LAYER E-0.3
0010		MAINTENCE X-OVERS	22	1.75" E-0.3
		TOTAL 0010	11635	

3

HMA PAVEMENT TYPE E-0.3

CATEGORY	STATION TO	STATION	LOCATION	460.1100 TON	REMARKS
0010	2137+60	- 2374+12	10' OUTSIDE SHOULDER	2681	
0010			MAIN. X-OVER	43	
0010	20+00	- 25+00	CTH O	147	
			TOTAL 0010	2871	

HMA PAVEMENT TYPE E-10

CATEGORY	STATION TO	STATION	LOCATION	460.1110 TON	REMARKS
0010	2137+61	- 2374+12	IH 94 & MEDIAN SHOULDER	10194	LOWER LAYER
0010	20+00	- 25+00	CTH O	220	
0010	2140+00	- 2147+72	CTH O ENTRANCE RAMP	142	
0010	2147+22	- 2159+00	CTH O ENTRANCE RAMP	517	
0010	2159+00	- 2169+29	CTH O EXIT RAMP	472	
0010	2169+29	- 2174+09	CTH O EXIT RAMP	88	
			TOTAL 0010	11633	

ASPHALTIC SURFACE PATCHING

CATEGORY	STATION TO	STATION	LOCATION	465.0110 TON	REMARKS
0010	2137+61	- 2374+12	IH 94	500	UNDISTRIBUTED
			TOTAL 0010	500	

ASPHALTIC SURFACE TEMPORARY

CATEGORY	STATION TO	STATION	LOCATION	465.0125 TON	REMARKS
0010	2137+61	- 2374+12	IH 94 RT. SIDE	180	40 TON PER MILE
0010	2137+61	- 2374+12	IH 94 LT. SIDE	166	40 TON PER MILE
					FILL IN RUMBLE STRIPS
			TOTAL 0010	346	

ASPHALTIC SHOULDER RUMBLE STRIPS

CATEGORY	STATION TO	STATION	LOCATION	465.0400 LF	REMARKS
0010	2137+61	- 2374+12	IH 94 RT. SIDE	23834	
0010	2137+61	- 2374+12	IH 94 LT. SIDE	21934	
			TOTAL 0010	45768	

3

NOTE: JOINT TIES REQUIRED

CATEGORY	STATION	LOCATION	CLEANING CULVERT PIPES 520.8700 EACH	AEW CULVERT PIPE SALVAGED 24-INCH 524.0624 EACH	RIPRAP LIGHT 606.0100 CY	MARKERS CULVERT END 633.5200 EACH	CLEANING DITCH SPV.0060.01 EACH	REMARKS
0010	2227+21	IH 94 LT.			1		1	EROSION AND SINK HOLE
0010	2244+35	IH 94 LT. & RT.					2	BRUSH AND SEDIMENT
0010	2275+00	IH 94 LT. & RT.					4	2 - 30" PIPE
0010	2299+00	IH 94 LT. & RT.	1	1			2	
0010	2137+61 - 2374+12	IH 94 LT.				20		
0010	2137+61 - 2374+12	IH 94 RT.				12		
	TOTAL 0010		1	1	1	32	9	

MULCHING

CATEGORY	STATION TO	STATION	LOCATION	627.0200 SY	REMARKS
0010	2137+61	- 2374+12	IH 94	100	EROSION CONTROL
			TOTAL 0010	100	

SILT FENCE

CATEGORY	STATION TO	STATION	LOCATION	628.1504 LF	REMARKS
0010	2137+61	- 2374+12	IH 94	100	PIPE WORK
			TOTAL 0010	100	

SILT FENCE MAINTENANCE

CATEGORY	STATION TO	STATION	LOCATION	628.1520 LF	REMARKS
0010	2137+61	- 2374+12	IH 94	100	PIPE WORK
			TOTAL 0010	100	

EROSION MAT CLASS I TYPE B

CATEGORY	STATION TO	STATION	LOCATION	628.2004 SY	REMARKS
0010	2137+61	- 2374+12	IH 94	100	MISC.
			TOTAL 0010	100	

FERTILIZER TYPE B

CATEGORY	STATION TO	STATION	LOCATION	629.0210 CWT	REMARKS
0010	2137+61	- 2374+12	IH 94	1	EROSION CONTROL
			TOTAL 0010	1	

WATER

CATEGORY	STATION TO	STATION	LOCATION	624.0100 MGAL	REMARKS
0010	2137+61	- 2374+11.98	IH 94	4	
			TOTAL 0010	4	

SEEDING MIXTURE NO. 20

CATEGORY	STATION TO	STATION	LOCATION	630.0120 LB	REMARKS
0010	2137+61	- 2374+12	IH 94	50	EROSION CONTROL
			TOTAL 0010	50	

CATEGORY	STATION TO	STATION	LOCATION	DELINEATOR POSTS STEEL 633.0100 EACH	DELINEATOR REFLECTORS 633.0500 EACH	REMARKS
0010	2137+61	- 2374+12	IH 94	82	82	
0010	2158+00	- 2180+00	CTH O ENTRANCE RAMP	18	18	
0010	2140+00	- 2156+00	CTH O EXIT RAMP	26	26	
			TOTAL 0010	126	126	

FILE NAME : N:\PDS\Projects-LET\1023-00-06\PSE\misq\030200_mq_10230076.ppt PLOT DATE : January 09,, 2010 PLOT BY : dothd2a PLOT NAME : 030200 PLOT SCALE : 1:1

CATEGORY	SIGN CODE	STATION	SIZE	SIGN DISCRIPTION	POST WOOD 4 X 6 14-FT 634.0614 EACH	POST WOOD 4 X 6 16-FT 634.0616 EACH	POST WOOD 4 X 6 18-FT 634.0618 EACH	POST WOOD 4 X 6 20-FT 634.0620 EACH	SIGNS TYPE II REF H 637.2210 SF	SIGNS TYPE II REF H FOLDING 637.2215 SF	SIGNS TYPE II REF F 637.2230 SF	REMOVING SIGNS TYPE II 638.2602 EACH	REMOVING SMALL SIGN SUPPORTS 638.3000 EACH	REMARKS
0010	D10-3	2139+90	12X48	MILE 128	1				4.00			1	1	IH 94
0010	W4-1	2151+00	48X48	MERGING								1	2	IH 94
0010	W4-1	2151+00	48X48	MERGING		2					16.00			
0010	W3-5	21'C'+35 LT.	36X36	REDUCE SPEED AHEAD			2				9.00	1	2	CTH O
0010	J2-1	21'C'+35 LT.	24X57	EAST 94 ARROW			1		9.50			1	1	CTH O
0010	D1-1	22'C'+00 RT.	78X15	EAU CLAIRE ARROW	2				8.10			1	2	CTH O
0010	R3-1	23'C'+00 RT.	24X24	NO RIGHT TURN SYMBOL	1				4.00			1	1	CTH O
0010	J3-1	23'C'+00 RT.	24X57	WEST 94 ARROW			1		9.50			1	1	CTH O
0010	J3-1	24'C'+00 LT.	24X57	WEST 94 ARROW			1		9.50			1	1	CTH O
0010	R3-2	24'C'+00 LT.	24X24	NO LEFT TURN SYMBOL	1				4.00			1	1	CTH O
0010	R7-64	2155+00	48X30	NO PARKING ON RAMP		1			16.00			1	1	ENTRANCE RAMP
0010	R5-57	2156+00	36X36	NO PEDS		1			9.00			1	1	ENTRANCE RAMP
0010	R1-1	23'C'+00 RT.	36X36	STOP	1				7.46			1	1	CTH O
0010	R1-1	23'C'+50 RT.	36X36	STOP	1				7.46			1	1	CTH O
0010	R1-1	24'C'+25 RT.	36X36	STOP	1				7.46			1	1	CTH O
0010	R5-1	23'C'+00 RT.	30X30	DO NOT ENTER	1				6.25			1	1	CTH O
0010	R5-1	23'C'+70 RT.	30X30	DO NOT ENTER	1				6.25			1	1	CTH O
0010	R5-1	24'C'+25 RT.	30X30	DO NOT ENTER	1				6.25			1	1	CTH O
0010	R6-2R	23'C'+50 RT.	24X30	ONE WAY	1				5.00			1		CTH O
0010	R6-2L	23'C'+50 RT.	24X30	ONE WAY	1				5.00			1		CTH O
0010	J3-1	23'C'+70 RT.	24X57	ALT 94 ARROW			1		9.50			1	1	CTH O
0010	W1-12D	23'C'+60 RT.	24X24	DOUBLE ARROW DOWN			1				4.00	1		USE EXISTING POST
0010	J13-1	2160+90	24X45	O ARROWS					7.50			1	1	EXIT RAMP
0010		2160+90		GAS FOOD								1		EXIT RAMP
0010	R5-1A	2160+90	36+24	WRONG WAY					6.00					EXIT RAMP
0010	R5-1A	2160+90	36+24	WRONG WAY		1			6.00			1	1	EXIT RAMP
0010	JV	2162+90	24X60	JCT RUSTIC ROAD			1		10.00			1	1	EXIT RAMP
0010	D1-1	2164+50	66X15	ARROW MILLSTON	2				6.88			1	2	EXIT RAMP
0010	D7-71-R	2164+50	60X36	STATE PARK					15.00			1		EXIT RAMP
0010	R7-64	2166+00	48X30	NO PARKING		1			10.00			1	1	EXIT RAMP
0010	E5-1A	2166+00	90X60	EXIT 128 ARROW				2	37.50			1	1	EXIT RAMP
0010	JV-F	2166+00	36X54	ALT 94 FOLD						13.50				
0010	W3-1	2168+00	36X36	STOP AHEAD			2				9.00	1	2	EXIT RAMP
0010	D10-3	2188+75	12X48	MILE 129	1				4.00			1	1	IH 94
0010	D10-3	2241+50	12X48	MILE 130	1				4.00			1	1	IH 94
0010	D10-3	2293+50	12X48	MILE 131	1				4.00			1	1	IH 94
0010	D10-3	2346+00	12X48	MILE 132	1				4.00			1	1	IH 94
0010	I2-2	2374+12	84X21	JACKSON CO	2				12.25			1	2	IH 94
				TOTAL 0010	21	6	10	2	261.36	13.50	38.00	35	36	

SEE NEXT PAGE

CATEGORY	SIGN CODE	STATION	SIZE	SIGN DISCRIPTION	WOOD 4 X 6 14-FT 634.0614 EACH	WOOD 4 X 6 16-FT 634.0616 EACH	WOOD 4 X 6 18-FT 634.0618 EACH	WOOD 4 X 6 20-FT 634.062 EACH	SIGNS TYPE II REF H 637.221 SF	TYPE II REF H FOLDING 637.2215 SF	SIGNS TYPE II REF F 637.223 SF	REMOVING SIGNS TYPE II 638.2602 EACH	SMALL SIGN SUPPORTS 638.3 EACH	REMARKS
0020	G27-12	16'C'+90 RT.		ID PLAQUE					0.60					
0020	G27-13	23'C'+00 LT.		ID PLAQUE					0.60					
0020	CCTV	2158+00		ID PLAQUE					0.60					CCTV-27-0036
0020	SDS	2158+00		ID PLAQUE					0.60					SDS-27-0008
0020	R11-54F	17'C'+00 RT.		ID PLAQUE		2				10.00				
0020	R11-54F	18'C'+50 LT.		ID PLAQUE		2				10.00				
0020	R11-54F	22'C'+50 RT.		ID PLAQUE		2				10.00				
0020	R11-54F	24'C'+50 LT.		ID PLAQUE		2				10.00				
				TOTAL 0020		8.0			2.40	40.00				
				PROJECT TOTAL		14.0			263.76	53.50				

CATEGORY	SIGN CODE	STATION	SIZE	SIGN DISCRIPTION	LOCATION	SIGN SUPPORTS REPLACING BASE CON BOLTS 635.0300 EACH	SIGNS TYPE 1 REF H 637.1210 SF	REMOVING SIGNS TYPE 1 638.2601 EACH	REMARKS
0010	E1-5P	2175+00	108 X 30	EXIT 128	IH 94	0	22.5	1	
0010	E4-1A	2175+00	192 X 90	O / MILLSTON / ARROW	IH 94	8	120.0	1	
0010	E3-1	2216+00	156 X 84	STATE FOREST EXIT 128	IH 94	8	91.0	1	
0010	E1-5P	2227+00	108 X 30	EXIT 128	IH 94	0	22.5	1	
0010	E1-1A	2227+00	168 X 120	O / MILLSTON / 1 MILE	IH 94	8	140.0	1	
					TOTAL 0010	24	396.0	5	

TRAFFIC CONTROL SURVEILLANCE AND MAINTENANCE (PROJECT) 01. 1023-00-80

CATEGORY	STATION TO	STATION	LOCATION	643.0200 DAY	REMARKS
0010	2137+61	2374+12	IH 94	92	
			TOTAL 0010	92	

TRAFFIC CONTROL BARRICADES TYPE III

CATEGORY	STATION TO	STATION	LOCATION	643.0420 DAY	REMARKS
0010	2137+61	2374+12	IH 94	330	
			TOTAL 0010	330	

TRAFFIC CONTROL DRUMS

CATEGORY	STATION TO	STATION	LOCATION	643.0300 DAY	REMARKS
0010	2137+61	2374+12	IH 94	5415	
			TOTAL 0010	5415	
0020	12+50	25+00	CTH O	50	
			TOTAL 0020	50	

TRAFFIC CONTROL WARNING LIGHTS TYPE A

CATEGORY	STATION TO	STATION	LOCATION	643.0705 DAY	REMARKS
0010	2137+61	2374+12	IH 94	150	
			TOTAL 0010	150	

FILE NAME : N:\PDS\Projects-LET\1023-00-06\PSE\misq\030200_mq_10230076.ppt PLOT DATE : January 09,, 2010 PLOT BY : dothd2a PLOT NAME : 030200 PLOT SCALE : 1:1

3

TRAFFIC CONTROL WARNING LIGHTS TYPE C

CATEGORY	STATION TO	STATION	LOCATION	643.0715 DAY	REMARKS
0010	2137+61	- 2374+12	IH 94	700	
			TOTAL 0010	700	

TRAFFIC CONTROL ARROW BOARDS

CATEGORY	STATION TO	STATION	LOCATION	643.0800 DAY	REMARKS
0010	2137+61	- 2374+12	IH 94	56	
			TOTAL 0010	56	

TRAFFIC CONTROL SIGNS

CATEGORY	STATION TO	STATION	LOCATION	643.0900 DAY	REMARKS
0010	2137+61	- 2374+12	IH 94	3300	
			TOTAL 0010	3300	

TRAFFIC CONTROL COVERING SIGNS TYPE II

CATEGORY	STATION TO	STATION	LOCATION	643.0920 EACH	REMARKS
0010	2137+61	- 2374+12	IH 94	30	CTH EW DETOUR
			TOTAL 0010	30	

TRAFFIC CONTROL SIGNS PCMS

CATEGORY	STATION TO	STATION	LOCATION	643.1050 DAY	REMARKS
0010	2137+61	- 2374+12	IH 94	92	
			TOTAL 0010	92	

3

PAVEMENT MARKING EPOXY 4-INCH

CATEGORY	STATION TO STATION	LOCATION	646.0106 LF	REMARKS
0010	20+00 - 27+00	CTH O	1400	WHITE
0010			1400	YELLOW
		TOTAL 0010	2800	

PAVEMENT MARKING GROOVED WET REFLECTIVE EPOXY 4-INCH

CATEGORY	STATION TO STATION	LOCATION	646.2304.S LF	REMARKS
0010	2137+61 - 2374+12	IH 94	23881	WHITE
0010	2137+61 - 2374+12	IH 94	25403	WHITE
0010		RAMPS AT 'O'	6005	WHITE
0010		CTH O	144	WHITE
		TOTAL 0010	55433	

PAVEMENT MARKING GROOVED WET REFLECTIVE EPOXY 8-INCH

CATEGORY	STATION TO STATION	LOCATION	646.2308.S LF	REMARKS
0010	2145+00 - 2173+00	IH 94	1860	
0010				
		TOTAL 0010	1860	

PAVEMENT MARKING STOP LINE EPOXY 18-INCH

CATEGORY	STATION	LOCATION	647.0566 LF	REMARKS
0010	2159+00	EXIT RAMP 'O'	15	
0010	2159+00	EXIT RAMP 'O'	20	
		TOTAL 0010	35	

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH

CATEGORY	STATION TO STATION	LOCATION	649.0400 LF	REMARKS
0010	2140+00 - 2180+00	CTH O RAMPS	400	LOWER LAYER
0010	2140+00 - 2180+00	CTH O RAMPS	400	UPPER LAYER
0010				SEE S.D.D. 15D15-1
		TOTAL 0010	800	

TEMPORARY PAVEMENT MARKING PAINT 4-INCH

CATEGORY	STATION TO STATION	LOCATION	649.0402 LF	REMARKS
0010	2137+61 - 2374+12	IH 94	55063	LOWER LAYER
0010	2137+61 - 2374+12	IH 94	55063	UPPER LAYER
		TOTAL 0010	110126	

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 8-INCH

CATEGORY	STATION TO STATION	LOCATION	649.0801 LF	REMARKS
0010	2145+00 - 2173+00	CTH O RAMPS	400	LOWER LAYER
0010	2145+00 - 2173+00	CTH O RAMPS	400	UPPER LAYER
				SEE S.D.D. 15D15-1
		TOTAL 0010	800	

TEMPORARY PAVEMENT MARKING PAINT 8-INCH

CATEGORY	STATION TO STATION	LOCATION	649.0802 LF	REMARKS
0010	2145+00 - 2173+00	IH 94	2219	LOWER LAYER
0010	2145+00 - 2173+00	IH 94	2219	UPPER LAYER
		TOTAL 0010	4438	

CONSTRUCTION STAKING RESURFACING REFERENCE

CATEGORY	STATION TO STATION	LOCATION	650.8000 LF	REMARKS
0010	2137+61 - 2374+12	IH 94	23984	
0010		CTH O ENTRANCE RAMP	1150	
0010		CTH O EXIT RAMP	1000	
0010		CTH O	700	
		TOTAL 0010	26834	

3

3

FTMS PULL BOXES

CATEGORY 0020	LOCATION	ITEM ID	653.0140 PULL BOXES STEEL 24 x 42-INCH EACH	673.0105 COMMUNICATION VAULT TYPE 1 EACH	678.0300 FIBER OPTIC SPLICE EACH
	IH 94 AT CTH O	PB01	1	--	--
		PB02	1	--	--
		PB03	1	--	--
		PB04	1	--	--
		PB05	1	--	--
		V01	--	1	8
		TOTAL	5	1	8

FTMS CABINETS

CATEGORY 0020	LOCATION	ITEM I.D.	659.0802 PLAQUES SEQUENCE IDENTIFICATION EACH	672.0250 BASE CAMERA POLE 50-FT EACH	673.0225.S INSTALL POLE MOUNTED CABINET EACH	675.0300 INSTALL MOUNTED CONTROLLER MICROWAVE DETECTOR ASSEMBLY EACH	675.0400.S INSTALL ETHERNET SWITCH EACH	677.0100 INSTALL CAMERA POLE EACH	677.0200 INSTALL CAMERA ASSEMBLY EACH	678.0400 FIBER OPTIC TERMINATION EACH	SPV.0060.03 GROUND ROD EACH
	IH 94 AT CTH O	CCTV-27-0036 / SDS-27-0008	1	1	1	1	1	1	1	6	1
		TOTAL	1	1	1	1	1	1	1	6	1

FTMS POWER

CATEGORY 0020	LOCATION	ITEM I.D.	MB I.D.	NUMBER OF WIRES	WIRE LINEAR DISTANCE FROM CABINET TO METER BREAKER PEDESTAL	655.0625 ELECTRICAL WIRE LIGHTING 6 AWG LF	656.0200.01 ELECTRICAL SERVICE METER BREAKER PEDESTAL (MB01) LS	656.0500.01 ELECTRICAL SERIVCE BREAKER DISCONNECT BOX (CCTV-27-0036 / SDS-27-0008) LS
	IH 94 AT CTH O	CCTV-27-0036 / SDS-27-0008	MB01	3	325	975	1	1
				TOTAL		975	1	1

3

FTMS CONDUIT AND CABLE

CATEGORY 0020	LOCATION	FROM	TO	LINEAR DISTANCE	652.0125 CONDUIT RIGID METALLIC 2-INCH LF	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0605 CONDUIT SPECIAL 2-INCH LF	655.0305 CABLE TYPE UF 2-12 AWG GROUNDED LF	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF	671.0300 FIBER OPTIC CABLE MARKER EACH	678.0006 INSTALL FIBER OPTIC CABLE OUTDOOR PLANT 6-CT LF
	IH 94 AT CTH O	MB01	PB01	70	--	70	--	--	--	--	--
		PB01	PB02	60	--	--	60	--	--	--	--
		PB02	G27-13	30	--	60	--	60	--	--	--
		PB02	PB03	155	--	310	--	155	--	--	--
		PB03	CCTV-27-0036 / SDS-27-0008	15	15	30	--	15	15	--	65
		PB03	PB04	280	--	--	560	280	280	1	330
		PB04	PB05	185	--	--	370	185	185	1	235
		PB05	G27-12	50	--	100	--	50	--	--	--
		PB05	V01	145	--	--	290	--	145	1	195
			TOTAL		15	570	1280	745	625	3	825

ON-RAMP CLOSURE GATES

CATEGORY 0020	LOCATION	ITEM I.D.	654.0105 CONCRETE BASES TYPE 5 EACH	657.0255 TRANSFORMER BASE BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	662.1037.S RAMP CLOSURE GATE HARDWIRED 37-FT EACH	662.3037.S RAMP CLOSURE GATE ARMS STOCKPILE 37-FT EACH	662.4000.S RAMP CLOSURE GATE FLASHERS STOCKPILE EACH
	IH 94 AT CTH O	G27-12	1	1	1	--	--
		G27-13	1	1	1	--	--
		UNDISTRIBUTED	--	--	--	1	1
		TOTAL	2	2	2	1	1

FTMS LUMP SUM MISCELLANEOUS QUANTITIES

CATEGORY 0020	ROAD	LOCATION	670.0100 FIELD SYSTEM INTEGRATOR LS	670.0200 ITS DOCUMENTATION LS	678.0500 COMMUNICATION SYSTEM TESTING LS
	IH 94	PROJECT	1	1	1
		TOTAL	1	1	1

3

3

SAWING ASPHALT

CATEGORY	STATION	LOCATION	690.0150 LF	REMARKS
0010	2137+61	IH 94	14	
		TOTAL 0010	14	

SAWING CONCRETE

CATEGORY	MILE MARKER SIGNS	STATION	TO	STATION	LOCATION	690.0250 LF	REMARKS
0010		2137+61	-	2374+12	IH 94	1000	UNDISTRIBUTED
							12'LANE X 8' = 32'
0010	B.O.P.	2137+61	-	2139+90	IH 94 WB UPPER	32	0 PASSING 1 DRIVING
0010	128	2139+90	-	2188+90	IH 94 WB UPPER	64	0 P / 2 D
0010	129	2188+90	-	2241+20	IH 94 WB UPPER	96	1 P / 2 D
0010	130	2241+20	-	2293+80	IH 94 WB UPPER	96	2 P / 1 D
0010	131	2293+80	-	2346+18.7	IH 94 WB UPPER	192	2 P / 4 D
0010	132	2346+18.7	-	2374+11.98	IH 94 WB UPPER	128	1 P / 3 D
0010	C.L.	2374+11.98			IH 94 WB UPPER		COUNTY LINE
							12'LANE X 6' = 30'
0010	B.O.P.	2137+61	-	2139+90	IH 94 WB LOWER	30	0 PASSING 1 DRIVING
0010	128	2139+90	-	2188+90	IH 94 WB LOWER	60	0 P / 2 D
0010	129	2188+90	-	2241+20	IH 94 WB LOWER	90	1 P / 2 D
0010	130	2241+20	-	2293+80	IH 94 WB LOWER	90	2 P / 1 D
0010	131	2293+80	-	2346+18.7	IH 94 WB LOWER	180	2 P / 4 D
0010	132	2346+18.7	-	2374+11.98	IH 94 WB LOWER	120	1 P / 3 D
0010	C.L.	2374+11.98			IH 94 WB LOWER		COUNTY LINE
					TOTAL 0010	2178	

SPECIAL 01. CONTINUOUSLY REINFORCED CONCRETE REPAIR SPECIAL

CATEGORY	MILE MARKER SIGN	STATION	TO	STATION	LOCATION	SPV.0035.01 CY	REMARKS
							1 - 8 X 12 X 1 = 3.556 CY
0010	B.O.P.	2137+61	-	2139+90	IH 94 WB UPPER	3.56	0 PASSING 1 DRIVING
0010	128	2139+90	-	2188+90	IH 94 WB UPPER	7.11	0 P / 2 D
0010	129	2188+90	-	2241+20	IH 94 WB UPPER	10.67	1 P / 2 D
0010	130	2241+20	-	2293+80	IH 94 WB UPPER	10.67	2 P / 1 D
0010	131	2293+80	-	2346+18.7	IH 94 WB UPPER	21.34	2 P / 4 D
0010	132	2346+18.7	-	2374+11.98	IH 94 WB UPPER	14.22	1 P / 3 D
0010	C.L.	2374+11.98			IH 94 WB UPPER		COUNTY LINE
							1 - 6 X 12 X 1 = 2.67 CY
0010	B.O.P.	2137+61	-	2139+90	IH 94 WB LOWER	2.67	0 PASSING 1 DRIVING
0010	128	2139+90	-	2188+90	IH 94 WB LOWER	5.34	0 P / 2 D
0010	129	2188+90	-	2241+20	IH 94 WB LOWER	8.07	1 P / 2 D
0010	130	2241+20	-	2293+80	IH 94 WB LOWER	8.07	2 P / 1 D
0010	131	2293+80	-	2346+18.7	IH 94 WB LOWER	16.02	2 P / 4 D
0010	132	2346+18.7	-	2374+11.98	IH 94 WB LOWER	10.68	1 P / 3 D
0010	C.L.	2374+11.98			IH 94 WB LOWER		COUNTY LINE
					TOTAL 0010	118	

3

FILE NAME : N:\PDS\Projects-LET\1023-00-06\PSE\misq\030200_mq_10230076.ppt PLOT DATE : January 09,, 2010 PLOT BY : dothd2a PLOT NAME : 030200 PLOT SCALE : 1:1

SPECIAL 01. PCMS REMOTE COMMUNICATIONS

CATEGORY	STATION TO	STATION	LOCATION	SPV.0045.01 DAY	REMARKS
0010	2137+61	- 2374+12	IH 94	106	
			TOTAL 0010	106	

SPECIAL 02. PORTABLE SPEED TRAILER

CATEGORY	STATION TO	STATION	LOCATION	SPV.0045.02 DAY	REMARKS
0010	2137+61	- 2374+11.98	IH 94	56	
			TOTAL 0010	56	

SPECIAL 01. REHEATING HMA PAVEMENT LONGITUDINAL JOINTS SPECIAL

CATEGORY	STATION TO	STATION	LOCATION	SPV.0170.01 STA	REMARKS
0010	2372+92	- 2614+00	IH 94	236	UPPER LAYER LT.
0010	2372+92	- 2614+00	IH 94	236	UPPER LAYER RT.
			TOTAL 0010	472	

SPECIAL 01. HMA PAVEMENT TYPE SMA-SPECIAL

CATEGORY	STATION TO	STATION	LOCATION	SPV.0195.01 TON	REMARKS
0010	2137+61	- 2374+12	MAINLINE & MEDIAN SHLDR UPPER LAYER	8155	
			TOTAL 0010	8155	

SPECIAL 02. SMA PAVEMENT COMPATION ACCEPTANCE

CATEGORY	STATION TO	STATION	LOCATION	SPV.0195.02 TON	REMARKS
0010	2137+61	- 2374+12	MAINLINE & MEDIAN SHLDR UPPER LAYER	8155	
			TOTAL 0010	8155	

FILE NAME : N:\PDS\Projects-LET\1023-00-06\PSE\misq\030200_mq_10230076.ppt PLOT DATE : January 09,, 2010 PLOT BY : dothd2a PLOT NAME : 030200 PLOT SCALE : 1:1

3

ROADSIDE CLEARING

CATEGORY	STATION TO	STATION	LOCATION	202.0105 STA	REMARKS
0010	2458+00	- 2460+00	IH 94 RT.	2	20 STRIP FROM SLOPE INTERCEPT
0010	2577+50	- 2578+50	IH 94 RT.	1	REMOVE TREES IN DITCH
			TOTAL 0010	3	

REMOVING ASPHALTIC SURFACE

CATEGORY	STATION TO	STATION	LOCATION	204.0110 SY	REMARKS
0010	49'G'+85 RT.		CTH EW EB EXIT RAMP	14	FLUME 6' X 20'
			TOTAL 0010	14	

3

REMOVING OLD STRUCTURE (STATION) 01. 48'G'+50

CATEGORY	STATION	LOCATION	203.0200 LS	REMARKS
0010	48'G'+50	EAST BOUND EXIT RAMP TO CTH EW	1	3 - 60" PIPES AND 1 60" AEW
		TOTAL 0010	1	

REMOVING ASPHALTIC SURFACE MILLING

CATEGORY	STATION TO	STATION	LOCATION	204.0120 SY	REMARKS
0010			MAINTENANCE X-OVERS	445	DEPTH 3-INCH
0010	2372+92	- 2614+00	IH 94 RT. SHLD 10' WIDE EXISTING RAMP	10715	21858 10 9.00
0010	2372+92	- 2614+00	IH 94 LT. SHLD 4' WIDE EXISTING RAMP	10715	23608 4 9.00
			TOTAL 0010	21875	

3

REMOVING ASPHALTIC SURFACE BUTT JOINTS

CATEGORY	STATION	LOCATION	204.0115 SY	REMARKS
0010	2450+50	IH 94	211	B-41-00-62 UPPER LAYER
0010	2449+00	IH 94	211	B-41-00-62 LOWER LAYER
0010	2453+00	IH 94	211	B-41-00-62 UPPER LAYER
0010	2454+00	IH 94	211	B-41-00-62 LOWER LAYER
0010	2462+75	IH 94	211	B-41-00-64 UPPER LAYER
0010	2461+75	IH 94	211	B-41-00-64 LOWER LAYER
0010	2464+75	IH 94	211	B-41-00-64 UPPER LAYER
0010	2465+75	IH 94	211	B-41-00-64 LOWER LAYER
0010	2548+00	IH 94	211	B-41-00-66 UPPER LAYER
0010	2547+00	IH 94	211	B-41-00-66 LOWER LAYER
0010	2549+25	IH 94	211	B-41-00-66 UPPER LAYER
0010	2550+25	IH 94	211	B-41-00-66 LOWER LAYER
0010	2548+00	CTH EW	200	ENTRANCE RAMP
0010	51'G'+00	CTH EW	400	RAMPS A CTH EW
0010	2614+00	IH 94	422	END PROJECT
		TOTAL 0010	3554	

REMOVING DELINEATORS AND MARKERS

CATEGORY	STATION TO	STATION	LOCATION	204.0180 EACH	REMARKS
0010	2372+92	- 2614+00	IH 94	55	
0010	32'H'00	51'H'00	CTH EW ENTRANCE RAMP	25	
0010	33'G'00	51'G'00	CTH EW EXIT RAMP	20	
0010	2372+92	- 2614+00	IH 94	33	CULVERTS
			TOTAL 0010	133	

REMOVING SURFACE DRAINS

CATEGORY	STATION	LOCATION	204.0190 EACH	REMARKS
0010	2450+40	IH 94 RT.	1	UNDER BEAMGUARD
		TOTAL 0010	1	

REMOVING CURB & GUTTER

CATEGORY	STATION TO	STATION	LOCATION	204.0150 LF	REMARKS
0010	2545+55	- 2548+05	IH 94 RT.	250	REPLACE WITH DRIVEWAY C&G
0010	37'H'+47	37'H'+67	E.B. ON RAMP	20	
0010				10	SPOT REPAIR
			TOTAL 0010	280	

REMOVING (ITEM DESCRIPTION) 01. APRON ENDWALLS

CATEGORY	STATION TO	STATION	LOCATION	204.9060.S.01 EACH	REMARKS
0010	2372+92	- 2497+00	IH 94 RT.	33	
0010	2372+92	- 2497+00	IH 94 LT.	37	
0010	2498+00	- 2614+00	IH 94 RT.	49	
0010	2498+00	- 2614+00	IH 94 LT.	39	
0010	2578+10		IH 94 RT.	1	REPLACE AEW
0010	2603+38		IH 94 RT.	1	REPLACE AEW
0010	2607+00		IH 94 RT.	1	REPLACE AEW
0010	2611+00		IH 94 RT.	1	REPLACE AEW
			TOTAL 0010	162	

REMOVING (ITEM DESCRIPTION) 02. REMOVING INLET COVERS

CATEGORY	STATION	LOCATION	204.9060.S.02 EACH	REMARKS
0010	2548+00	IH 94 RT.	1	REPLACE WITH A TYPE B
		TOTAL 0010	1	

BASE AGGREGATE DENSE 3/4-INCH

CATEGORY	STATION TO	STATION	LOCATION	305.0110 TON	REMARKS
0010	2372+92	- 2614+00	SHOULDERS	3500	
			TOTAL 0010	3500	

SHAPING SHOULDERS

CATEGORY	STATION TO	STATION	LOCATION	305.0500 STA	REMARKS
0010	2372+92	- 2614+00	IH 94	472	23608 / 100 X 2
			TOTAL 0010	472	

BASE AGGREGATE OPEN GRADED

NOTE: USED TO REPLACE PIPE UNDERDRAIN ENDWALLS.

CATEGORY	STATION TO	STATION	LOCATION	310.0110 TON	REMARKS
					2 TON PER LOCATION
0010	2372+92	- 2497+00	IH 94	66	RIGHT 33
0010	2372+92	- 2497+00	IH 94	74	LEFT 37
0010	2498+00	- 2614+00	IH 94	98	RIGHT 49
0010	2498+00	- 2614+00	IH 94	78	LEFT 39
			TOTAL 0010	316	

DRILLED TIE BARS

CATEGORY	MILE MARKER SIGNS	STATION TO	STATION	LOCATION	416.0610 EACH	REMARKS
						1 - 24 X 12 = 13 BARS
0010	C.L.	2372+92.3	- 2398+95.7	IH 94 EB	0	0 PASSING 0 DRIVING
0010	133	2398+95.7	- 2450+25	IH 94 EB	39	0 P / 3 D
0010	134	2450+25	- 2503+95	IH 94 EB	26	0 P / 2 D
0010	135	2503+95	- 2556+45	IH 94 EB	26	1 P / 1 D
0010	136	2556+45	- 2609+16	IH 94 EB	26	0 P / 2 D
0010	137	2609+16	- 2614+00	IH 94 EB	13	0 P / 1 D
0010	E.O.P.	2614+00		IH 94 EB		END OF PROJECT
				TOTAL 0010	130	

3

Division	From / To Station	Common Excavation (1)	Salvaged / Unusable Pavement Material (3)	Available Material (4)	Unexpanded Fill	Expanded Fill (5)	Mass Ordinate + / - (6)	Waste	Borrow
Division 1		Cut (2) item #205.0100				Factor 1.25			(item #208.0100)
090201- IH 94 Mon EB	2372+92/2432+00	1,927	0	1,927	6,915	8,644	-6,717	0	6,717
Division 1 Subtotal		1,927	0	1,927	6,915	8,644	-6,717	0	6,717
Division 2									
090202- IH 94 Mon EB	2438+50/2492+00	2,446	0	2,446	17,093	21,366	-18,920	0	18,920
Division 2 Subtotal		2,446	0	2,446	17,093	21,366	-18,920	0	18,920
Division 3									
090203- IH 94 Mon EB	2500+50/2600+00	26,632	0	26,632	15,009	18,761	7,871	7,871	0
Division 3 Subtotal		26,632	0	26,632	15,009	18,761	7,871	7,871	0
Grand Total		31,005.02	0.00	31,005.02	39,016.58	48,770.73	-17,765.71	7,870.88	25,636.59
		Total Common Exc	**31,005**					**Total**	**25,637**

1) Item number 205.0100
2) Salvaged/Unsuable Pavement Material is included in Cut.
3) Salvaged/Unusable Pavement Material
4) Available Material = Cut - Salvaged/Unusuable Pavement Material
5) Expanded Fill. Factor = 1.25
6) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the Division.

FILE NAME : N:\PDS\Projects-LET\1023-00-06\PSE\misq\030200_mq_10230076.ppt PLOT DATE : January 09,, 2010 PLOT BY : dothd2a PLOT NAME : 030200 PLOT SCALE : 1:1

3

DRILLED DOWEL BARS

CATEGORY	MILE MARKER SIGNS	STATION	TO	STATION	LOCATION	416.0620 EACH	REMARKS
							12'LANE=16 BARS/ 14'=18
0010	C.L.	2372+92.3	-	2398+95.7	IH 94 EB	104	2 PASSING 4 DRIVING
0010	133	2398+95.7	-	2450+25	IH 94 EB	152	2 P / 15 D
0010	134	2450+25	-	2503+95	IH 94 EB	192	3 P / 8 D
0010	135	2503+95	-	2556+45	IH 94 EB	188	5 P / 6 D
0010	136	2556+45	-	2609+16	IH 94 EB	196	1 P / 10 D
0010	137	2609+16	-	2614+00	IH 94 EB	18	0 P / 1 D
0010	E.O.P.	2614+00			IH 94 EB		END OF PROJECT
							12'LANE=16 BARS/ 14'=18
0010	C.L.	2372+92.3	-	2398+95.7	IH 94 EB	0	0 PASSING 0 DRIVING
0010	133	2398+95.7	-	2450+25	IH 94 EB	54	0 P / 3 D
0010	134	2450+25	-	2503+95	IH 94 EB	36	0 P / 2 D
0010	135	2503+95	-	2556+45	IH 94 EB	34	1 P / 1 D
0010	136	2556+45	-	2609+16	IH 94 EB	36	0 P / 2 D
0010	137	2609+16	-	2614+00	IH 94 EB	18	0 P / 1 D
0010	E.O.P.	2614+00			IH 94 EB		END OF PROJECT
					TOTAL 0010	1028	

ASPHALTIC MATERIAL PG64-34P

CATEGORY	STATION	TO	STATION	LOCATION	455.0145 TON	REMARKS
0010	2372+92	-	2614+00	IH 94 & MEDIAN SHOULDER	347	LOWER LAYER
0010	37+47	-	46+50	CTH EW ENTRANCE RAMP	25	
0010	33+64	-	45+00	CTH EW EXIT RAMP	24	
0010	45+00	-	50+00	CTH EW EXIT RAMP	20	
				TOTAL 0010	416	

3

ASPHALTIC MATERIAL PG58-34

CATEGORY	STATION	TO	STATION	LOCATION	455.0110 TON	REMARKS
0010	2372+92	-	2614+00	10' OUTSIDE SHOULDER	315	RT. SHOULDER
0010				MAIN. X-OVER	3	
				TOTAL 0010	318	

TACK COAT

S.Y. X 0.05 PER LIFT

CATEGORY	STATION	TO	STATION	LOCATION	455.0605 GAL	REMARKS
0010	2372+92	-	2614+00	IH 94	3672	SMA
0010	2372+92	-	2614+00	IH 94 & MEDIAN SHOULDER	3672	LOWER LAYER E-10
0010	37+47	-	46+50	CTH EW ENTRANCE RAMP	139	LOWER LAYER E-10
0010	33+64	-	45+00	CTH EW EXIT RAMP	133	LOWER LAYER E-10
0010	45+00	-	50+00	CTH EW EXIT RAMP	110	LOWER LAYER E-10
0010	37+47	-	46+50	CTH EW ENTRANCE RAMP	139	UPPER LAYER E-10
0010	33+64	-	45+00	CTH EW EXIT RAMP	133	UPPER LAYER E-10
0010	45+00	-	50+00	CTH EW EXIT RAMP	110	UPPER LAYER E-10
0010	2372+92	-	2614+00	IH 94 OUTSIDE SHOULDER	1214	LOWER LAYER E-0.3
0010	2372+92	-	2614+00	IH 94 OUTSIDE SHOULDER	1214	UPPER LAYER E-0.3
0010				MAINTENCE X-OVERS	22	1.75" E-0.3
0010	2372+92	-	2614+00	IH 94 RT SHLD	1214	ASPHALTIC SURFACE
0010	2372+92	-	2614+00	IH 94 LT SHLD	525	ASPHALTIC SURFACE
				TOTAL 0010	12297	

3

HMA PAVEMENT TYPE E-0.3

CATEGORY	STATION TO STATION	LOCATION	460.1100 TON	REMARKS
0010	2372+92 - 2614+00	10' OUTSIDE SHOULDER	5250	OVERLAY OF EXISTING SHOULDER & REPAIR
0010		MAIN. X-OVER	43	
		TOTAL 0010	5293	

HMA PAVEMENT TYPE E-10

CATEGORY	STATION TO STATION	LOCATION	460.1110 TON	REMARKS
0010	2372+92 - 2614+00	IH 94 & MEDIAN SHOULDER	6301	LOWER LAYER
0010	37+47 - 46+50	CTH EW ENTRANCE RAMP	364	
0010	33+64 - 45+00	CTH EW EXIT RAMP	458	
0010	45+00 - 50+00	CTH EW EXIT RAMP	440	
		TOTAL 0010	7563	

ASPHALTIC SURFACE

CATEGORY	STATION TO STATION	LOCATION	465.0105 TON	REMARKS
0010	2372+92 - 2614+00	IH 94 RT.	1501	4' WIDE OVERLAY @ 2.5" MILL DEPTH
0010	2372+92 - 2614+00	IH 94 LT.	1501	4' WIDE OVERLAY @ 2.5" MILL DEPTH
		TOTAL 0010	3002	

ASPHALTIC SURFACE PATCHING

CATEGORY	STATION TO STATION	LOCATION	465.0110 TON	REMARKS
0010	2372+92 - 2614+00	IH 94	500	DOWEL BAR SLOTS & UNDIS.
		TOTAL 0010	500	

ASPHALTIC FLUMES

CATEGORY	STATION	LOCATION	465.0315 SY	REMARKS
0010	49'G'+85 RT.	CTH EW EB EXIT RAMP	14	FLUME 6' X 20'
		TOTAL 0010	14	

ASPHALTIC SHOULDER RUMBLE STRIPS

CATEGORY	STATION TO	STATION	LOCATION	465.0400 LF	REMARKS
0010	2372+92	- 2614+00	IH 94 RT	21858	
0010	2372+92	- 2614+00	IH 94 LT	23608	
			TOTAL 0010	45466	

CONCRETE MASONRY CULVERTS HES

CATEGORY	STATION	LOCATION	504.0200 CY	REMARKS
0010	2546+00	IH 94	5.5	1 - 60" X 296' QUANTITY SPLIT BETWEEN EB & WB ID'S
		TOTAL 0010	5.5	

NOTE: JOINT TIES REQUIRED

CATEGORY	STATION	LOCATION	CULVERT PIPE REINFORCED CONCRETE CLASS III 18-INCH 522.0118 LF	CULVERT PIPE REINFORCED CONCRETE CLASS III 24-INCH 522.0124 LF	CULVERT PIPE REINFORCED CONCRETE CLASS III 30-INCH 522.0130 LF	CULVERT PIPE REINFORCED CONCRETE CLASS III 36-INCH 522.0136 LF	CULVERT PIPE REINFORCED CONCRETE CLASS III 42-INCH 522.0142 LF	CULVERT PIPE REINFORCED CONCRETE CLASS III 60-INCH 522.0160 LF	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH 522.1018 EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 30-INCH 522.1030 EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 36-INCH 522.1036 EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 60-INCH 522.1060 EACH	REMARKS
0010	2380+00	IH 94 LT.				24							3 - 36" EXTEND PIPE
0010	2390+00	IH 94 LT.		8									3 - 42"
0010	2397+25	IH 94 LT.					24						LEFT SIDE
0010	48'G'+50	E.B. EXIT RAMP						24				1	EXTEND PIPE
0010	2578+10	IH 94 RT.				8					1		
0010	2603+38	IH 94 RT.				8					1		EXTEND PIPE
0010	2607+00	IH 94 RT.	8						1				EXTEND PIPE
0010	2611+00	IH 94 RT.			8					1			EXTEND PIPE
		TOTAL 0010	8	8	8	40	24	24	1	1	2	1	

CONCRETE MASONRY ENDWALLS

NOTE: PLACE FILL BETWEEN OLD ENDWALL AND NEW ENDWALL.

CATEGORY	STATION	LOCATION	504.0900 CY	REMARKS
0010	2380+00	IH 94 RT.	8.7	3-36-INCH REPLACE IN PLACE
0010	2380+00	IH 94 LT.	8.7	3-36-INCH EXTEND PIPE
0010	2397+25	IH 94 LT.	11.1	3-42-INCH EXTEND PIPE
		TOTAL 0010	28.5	

CLEANING CULVERT PIPES

CATEGORY	STATION	LOCATION	520.8700 EACH	REMARKS
0010	2517+00	IH 94 LT.	1	CLEAN INLET
0010	2557+00	IH 94 RT.	1	
		TOTAL 0010	2	

3

BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES

CATEGORY	STATION	LOCATION	505.0800.S LB	REMARKS
0010	2546+00	IH 94 EAST BOUND	493	QUANTITY SPLIT BETWEEN
0010		PIPE REPAIRE		EAST BOUND AND WEST BOUND
		TOTAL 0010	493	

NOTE: JOINT TIES REQUIRED

CATEGORY	STATION	LOCATION	CULVERT PIPE SALVAGED 18-INCH 524.0118 LF	CULVERT PIPE SALVAGED 30-INCH 524.0130 LF	CULVERT PIPE SALVAGED 36-INCH 524.0136 LF	CULVERT PIPE SALVAGED 48-INCH 524.0148 LF	CULVERT PIPE SALVAGED 60-INCH 524.0160 LF	APRON ENDWALLS FOR CULVERT PIPE SALVAGED 18-INCH 524.0618 EACH	APRON ENDWALLS FOR CULVERT PIPE SALVAGED 24-INCH 524.0624 EACH	APRON ENDWALLS FOR CULVERT PIPE SALVAGED 48-INCH 524.0648 EACH	APRON ENDWALLS FOR CULVERT PIPE SALVAGED 60-INCH 524.0660 EACH	REMARKS
0010	2390+00	IH 94 LT.							1			1 - 24"
0010	2390+00	IH 94 RT.							1			1 - 24"
0010	2524+00	IH 94 LT.						1				1 - 18"
0010	2541+00	IH 94 RT.				16				1		1 - 48"
0010	2546+00	IH 94 RT.					16				1	1 - 60"
0010	40'G'+70	EXIT RAMP TO EW RT.				16				1		1 - 48"
0010	40'G'+70	EXIT RAMP TO EW LT.				16				1		1 - 48"
0010	48'G'+50	EXIT RAMP TO EW RT.					16				1	1 - 60"
0010	2557+00	IH 94 RT.						1				1 - 18"
0010	2578+10	IH 94 RT.			16							1 - 36"
0010	2603+38	IH 94 RT.			16							1 - 36"
0010	2607+00	IH 94 RT.	16									1 - 18"
0010	2611+00	IH 94 RT.		16								1 - 30"
		TOTAL 0010	16	16	32	48	32	2	2	3	2	

FILE NAME : N:\PDS\Projects-LET\1023-00-06\PSE\misq\030200_mq_10230076.ppt PLOT DATE : January 09,, 2010 PLOT BY : dothd2a PLOT NAME : 030200 PLOT SCALE : 1:1

CONCRETE CURB & GUTTER 30-INCH TYPE D

CATEGORY	STATION TO	STATION	LOCATION	601.0411 LF	REMARKS
0010	2545+55	- 2548+05	IH 94 RT.	250	DRIVEWAY ENTRANCE CURB
0010	37'H'+47	37'H'+67	E.B. ON RAMP	20	
0010				10	SPOT REPAIR
			TOTAL 0010	280	

RECONSTRUCTING INLETS

NOTE: INLET TYPE 8 HAS 1 MS GRATE, TYPE 9 2 MS GRATES, TYPE 10 3 MS GRATES.

CATEGORY	STATION	LOCATION	611.0430 EACH	REMARKS
0010	2548+00	IH 94 RT.	1	ORIGIANL TYPE 1-A CONVERT TO DRIVEWAY CURB
0010	2517+00	IH 94 LT.	1	ORIGIANL TYPE 10 MS
0010	2524+00	IH 94 LT.	1	ORIGIANL TYPE 10 MS
0010	2557+00	IH 94 LT.	1	ORIGIANL TYPE 8 MS
		TOTAL 0010	4	

INLET COVERS TYPE B

CATEGORY	STATION	LOCATION	611.0606 EACH	REMARKS
0010	2548+00	IH 94 RT.	1	PLACE ON EXISTING TYPE 1 INLET INSTALL DRIVEWAY C&G
		TOTAL 0010	1	

INLET COVERS TYPE V

CATEGORY	STATION	LOCATION	611.0654 EACH	REMARKS
0010	2450+40	IH 94 RT.	1	
		TOTAL 0010	1	

INLETS 2X2-FT

CATEGORY	STATION	LOCATION	611.3220 EACH	REMARKS
0010	2450+40	IH 94 RT.	1	
		TOTAL 0010	1	

ADJUSTING INLET COVERS

CATEGORY	STATION	LOCATION	611.8115 EACH	REMARKS
0010	39'H'+00 RT.	E.B. ON RAMP	1	TYPE 1-A, 2'10" ROUND
0010	44'H'+00 RT.	E.B. ON RAMP	1	TYPE 1-A, 2'10" ROUND
		TOTAL 0010	2	

PIPE UNDERDRAIN UNPERFORATED 12-INCH

CATEGORY	STATION TO	STATION	LOCATION	612.0212 LF	REMARKS
0010	2450+30	- 2450+40	IH 94 RT.	12.5	CONNECT INLET TO EXISTING DOWN DRAIN
			TOTAL 0010	12.5	

3

PIPE UNDERDRAIN UNPERFORATED 6-INCH

NOTE: USED TO REPLACE PIPE UNDERDRAIN ENDWALLS.

CATEGORY	STATION TO	STATION	LOCATION	612.0206 LF		REMARKS
						(2 FOOT SECTIONS)
0010	2137+61	- 2258+00	IH 94	66	66	RIGHT 33
0010	2137+61	- 2258+00	IH 94	74	74	LEFT 37
0010	2259+00	- 2372+92	IH 94	98	98	RIGHT 49
0010	2259+00	- 2372+92	IH 94	78	78	LEFT 39
			TOTAL 0010		316	

GUARDRAIL MOW STRIP CONCRETE

CATEGORY	STATION TO	STATION	LOCATION	614.0395 SY	REMARKS
0010	2450+30	- 2450+50	IH 94 RT.	9	20' X 4'
0010	2547+85	- 2548+05	IH 94 RT.	9	20' X 4'
			TOTAL 0010	18	

3

BARRIER SYSTEM GRADING SHAPING FINISHING

CATEGORY	STATION	LOCATION	614.0010 EACH	**COMMON EXC. (CY)	**FILL (CY)	**BORROW (CY)	**TOPSOIL (SY)	**FERTILIZER TYPE B (CWT)	**SEEDING #20 (LB)	REMARKS
0010	2448+07	IH 94 LT. B-41-62	1	--	192.00	192.00	791.00	0.60	13.00	RAIL ROAD
0010	2448+58	IH 94 RT.	1	--	112.00	112.00	461.00	0.60	8.00	
0010	2460+27	IH 94 LT. B-41-64	1	--	192.00	192.00	791.00	0.60	13.00	ASPEN
0010	2461+05	IH 94 RT.	1	--	112.00	112.00	461.00	0.60	8.00	
0010	2545+17	IH 94 LT. B-41-66	1	--	192.00	192.00	791.00	0.60	13.00	CTH EW
0010	2546+12	IH 94 RT.	1	--	112.00	112.00	461.00	0.60	8.00	
		TOTAL 0010	6	0	912	912	3756	4	63	

**NON- BID ITEM, ITEMS AND QUANTITIES LISTED FOR BID INFORMATION ONLY. ITEMS INCIDENTAL TO BARRIER SYSTEM GRADING SHAPING FINISHING

WATER

CATEGORY	STATION TO	STATION	LOCATION	624.0100 MGAL	REMARKS
0010	2372+92	- 2614+00	IH 94	37	
			TOTAL 0010	37	

CATEGORY	STATION TO	STATION	LOCATION	SALVAGED RAIL 614.0920 LF	SALVAGED GUARDRAIL END TREARMENTS 614.0925 EACH	REMARKS
0010	2448+07.5	- 2451+00	IH 94 LT. B-41-62 RR	289	1	
0010	2448+58.5	- 2450+51	IH 94 RT. B-41-62	189	1	
0010	2452+59	- 2454+67	IH 94 RT. B-41-62 EXIT END	205	1	
0010	2462+27.5	- 2463+20	IH 94 LT. B-41-64 ASPEN	290	1	
0010	2461+05.5	- 2462+98	IH 94 RT. B-41-64 ASPEN	190	1	
0010	2545+17.5	- 2548+05	IH 94 LT. B-41-66 CTH EW	290	1	
0010	2546+12.5	- 2548+00	IH 94 RT. B-41-66 CTH EW	190	1	
			TOTAL 0010	1643	7	

CATEGORY	STATION TO STATION	LOCATION	MGS GUARDRAIL 3 614.2300 LF	MGS THRIE BEAM TRANSITION 614.2500 LF	MGS GUARDRAIL TERMINAL EAT 614.2610 EACH	MGS GUARDRAIL TERMINAL TYPE 2 614.2620 EACH	REMARKS
0010	2448+07.5 - 2451+00	IH 94 LT. B-41-62 RR	200	39.5	1	-	16 @ 12.5'
0010	2448+58.5 - 2450+51	IH 94 RT. B-41-62	100	39.5	1	-	8 @ 12.5'
0010	2452+59 - 2454+67	IH 94 RT. B-41-62 EXIT END	200	8.0	-	1	16 @ 12.5'
0010	2460+27.5 - 2463+20	IH 94 LT. B-41-64 ASPEN	200	39.5	1	-	16 @ 12.5'
0010	2461+05.5 - 2462+98	IH 94 RT. B-41-64 ASPEN	100	39.5	1	-	8 @ 12.5'
0010	2545+17.5 - 2548+05	IH 94 LT. B-41-66 CTH EW	200	39.5	1	-	16 @ 12.5'
0010	2546+12.5 - 2548+05	IH 94 RT. B-41-66 CTH EW	100	39.5	1	-	8 @ 12.5'
		TOTAL 0010	1100	245.0	6	1	

3

SALVAGED TOPSOIL

CATEGORY	STATION TO STATION	LOCATION	625.0500 SY	REMARKS
0010	2372+92 - 2614+00	IH 94	212356	EST. 80' MED. & RT.
0010		IH 94	50	PIPE WORK
		TOTAL 0010	212406	

SILT FENCE

CATEGORY	STATION	LOCATION	628.1504 LF	REMARKS
0010	2541+00	IH 94 RT	100	CULVERT PIPE REPAIR
0010		IH 94	580	USED TO PROTECT WET LANDS AND INLET PROTECTION
		TOTAL 0010	680	

MULCHING

CATEGORY	STATION TO STATION	LOCATION	627.0200 SY	REMARKS
0010	2372+92 - 2614+00	IH 94	180502	EST 80 - 12 (68) MED. & RT.
		TOTAL 0010	180502	

SILT FENCE MAINTENANCE

CATEGORY	STATION TO STATION	LOCATION	628.1520 LF	REMARKS
0010	2372+92 - 2614+00	IH 94	580	
		TOTAL 0010	580	

3

EROSION MAT CLASS I TYPE B

CATEGORY	STATION TO	STATION	LOCATION	628.2004 SY	REMARKS
0010	2372+92 -	2614+00	IH 94 RT.	15927	23890 X 6 / 9
0010	2372+92 -	2614+00	IH 94 LT.	15927	238906 X 6 / 9
0010			IH 94	1000	MISC.
					LOW FILLS 4' WIDE MAT
					HIGH FILLS 8' WIDE MAT
			TOTAL 0010	32854	

FERTILIZER TYPE B

CATEGORY	STATION TO	STATION	LOCATION	629.0210 CWT	REMARKS
0010	2372+92 -	2614+00	IH 94	49	EST 80 - 12 (68) MED. & RT.
					7 LB PER 1000 SF
			TOTAL 0010	49	

SEEDING MIXTURE NO. 20

CATEGORY	STATION TO	STATION	LOCATION	630.0120 LB	REMARKS
0010	2372+92 -	2614+00	IH 94	4873	EST 80 - 12 (68) MED. & RT.
					3 LB PER 1000 SF
			TOTAL 0010	4873	

CATEGORY	STATION TO	STATION	LOCATION	DELINEATOR POSTS STEEL 633.0100 EACH	DELINEATOR REFLECTORS 633.0500 EACH	REMARKS
0010	2372+92 -	2614+00	IH 94	55	55	
0010	32'H'00	51'H'00	CTH EW ENTRANCE RAMP	25	30	
0010	33'G'00	51'G'00	CTH EW EXIT RAMP	20	20	
			TOTAL 0010	100	105	

MARKERS CULVERT END

CATEGORY	STATION TO	STATION	LOCATION	633.5200 EACH	REMARKS
0010	2372+92 -	2614+00	IH 94 RT.	21	
0010	2372+92 -	2614+00	IH 94 LT.	12	
			TOTAL 0010	33	

3

CATEGORY	SIGN CODE	STATION	SIZE	SIGN DISCRIPTION	~~POST~~ WOOD 4 X 6 14-FT 634.0614 EACH	~~POST~~ WOOD 4 X 6 16-FT 634.0616 EACH	~~POST~~ WOOD 4 X 6 18-FT 634.0618 EACH	~~POST~~ WOOD 4 X 6 20-FT 634.0620 EACH	SIGNS TYPE II REF H 637.2210 SF	SIGNS TYPE II REF F 637.2230 SF	REMOVING SIGNS TYPE II 638.2602 EACH	~~REMOVING~~ SMALL SIGN SUPPORTS 638.3000 EACH	REMARKS
0010	I2-2	2372+92	78X21	MONROE CO	2				11.38		1	2	IH 94
0010	R3-4B	2389+25	36X48	NO U TURN		1			12.00		1	1	IH 94
0010	D10-3	2399+90	12X48	MILE 133	1				4.00		1	1	IH 94
0010	R4-3	2409+25	48X60	SLOWER TRAFFIC							1	1	IH 94
0010	R4-3	2415+00	48X60	SLOWER TRAFFIC			2		20.00				IH 94
0010	R8-7	2409+25	48X26	EMERGENCY STOPPING		1			12.00		1	1	IH 94
0010	D10-3	2450+25	12X48	MILE 134	1				4.00		1	1	IH 94
0010	W5-52	2450+75	18X54	BRIDGE MARKERS							2	2	IH 94
0010	R3-4B	2458+80	36X48	NO U TURN		1			12.00		2	1	IH 94
0010	R3-4B	2459+25	36X48	NO U TURN		1			12.00				IH 94
0010	W5-52	2463+00	18X54	BRIDGE MARKERS							2	2	IH 94
0010	D10-3	2504+00	12X48	MILE 135	1				4.00		1	1	IH 94
0010	R3-4B	2524+00	36X48	NO U TURN		1			12.00				IH 94
0010	R3-4B	2524+50	36X48	NO U TURN		1			12.00		2	1	IH 94
0010	W13-2	2534+50	48X60	EXIT 40 MPH				2		20.00	1	2	CTH EW EXIT RAMP
0010	R7-64	2536+90	48X30	NO PARKING		1			10.00		1	1	CTH EW EXIT RAMP
0010	E5-1A	2536+90	90X60	EXIT 135 ARROW				2	37.50		1	2	CTH EW EXIT RAMP
0010	W3-1	40'G'50	36X36	STOP AHEAD			1			9.00	1	1	CTH EW EXIT RAMP
0010	W4-1	2541+00	48X48	MERGING		2				16.00			
0010	W4-1	2544+00	48X48	MERGING							1	2	
0010	W1-8	43'G'+OO											
0010		TO 45'G'+00	18X24	CHEVRON	4					12.00	4	4	4 SIGNS @ 3 SF
0010	W1-8	37'H'+50											
0010		TO 45'H'+00	18X24	CHEVRON	9					27.00	9	9	9 SIGNS @ 3 SF
0010	D1-1	46'G'+00	66x15	WARRENS ARROW	2				6.88		1	2	CTH EW EXIT RAMP
0010	R5-1A	46'G'+00	36X24	WRONG WAY							1		CTH EW EXIT RAMP
0010	R5-57	48'G'+00	36X36	NO PEDS		1			9.00		1	1	CTH ENTRANCE RAMP
0010	R7-64	49'G'+50	48X30	NO PARKING		1			10.00		1	1	CTH ENTRANCE RAMP
0010	J13-1	49'G'+50	24X45	EW ARROWS	1				7.50		1	1	CTH EW EXIT RAMP
0010	R5-1A	49'G'+50	36X24	WRONG WAY					6.00		1		CTH EW EXIT RAMP
0010	W13-3A	50'G'+00	36X60	RAMP 25 MPH			2			15.00	1	2	CTH ENTRANCE RAMP
0010	W5-52L	2548+00	18X54	BRIDGE MARKERS		1				6.75	1	1	IH 94
0010	W5-52R	2548+00	18X54	BRIDGE MARKERS		1				6.75	1	1	IH 94
0010	R4-7	50'G'+66	24X30	KEEP RIGHT	1				5.00		1	1	CTH ENTRANCE RAMP
0010	W12-1D	50'G'+66	24X24	DOUBLE DOWN ARROWS						4.00	1		USE EXISTING POST
0010	R1-1	51'G'+00	36X36	STOP	1				7.46		1	1	CTH EW EXIT RAMP
0010	R1-1	51'G'+00	36X36	STOP	1				7.46		1	1	CTH EW EXIT RAMP
0010	R5-1	51'G'+00	30X30	DO NOT ENTER	1				6.25		1	1	CTH EW EXIT RAMP
0010	R5-1	51'G'+00	30X30	DO NOT ENTER	1				6.25		1	1	CTH EW EXIT RAMP
0010	D10-3	2556+65	12X48	MILE 136	1				4.00		1	1	IH 94
0010	J3-1	14'EW'+50 RT.	24X57	EAST 94 ARROW			1		9.50		1	1	CTH EW
0010	J3-1	15'EW'+00 LT.	24X57	EAST 94 ARROW			1		9.50		1	1	CTH EW
0010	J2-1	17'EW'+25	24X57	WEST 94 ARROW			1		9.50		1	1	CTH EW
0010	D1-1	18'EW'+25 LT.	66X15	MADISON ARROW	2				6.88		1	2	CTH EW
0010	R3-4B	2556+50	36X48	NO U TURN		1			12.00				IH 94
0010	R3-4B	2556+75	36X49	NO U TURN		1			12.00		2	1	IH 94
0010	J4-1	2561+50	36x54	EAST 94			1		13.50		1	1	IH 94
				TOTAL 0010	29	15	9	4	311.56	116.50	56	57	

3

SIGN SUPPORTS REPLACING BASE CONNECTION BOLTS

CATEGORY	STATION	LOCATION	635.0300 EACH	REMARKS
0010	2476+25	IH 94 RT.	8	
0010	2528+00	IH 94 RT.	8	
0010	2587+00	IH 94 RT.	8	
		TOTAL 0010	24	

REMOVING SIGNS TYPE I

CATEGORY	STATION	LOCATION	638.2601 EACH	REMARKS
0010	2476+00	IH 94	1	
0010	2528+00	IH 94	1	
0010	2587+00	IH 94	1	
		TOTAL 0010	3	

3

SIGNS TYPE I REFLECTIVE H

CATEGORY	SIGN CODE	STATION	SIZE	LOCATION	637.1210 SF	REMARKS
0010	E1-5P	2476+00	108 X 30	IH 94	22.5	EXIT 135
0010	E1-1A		168 X 120		140.0	EW / WARRENS / 1 MILE
0010	E1-5P	2528+00	108 X 30	IH 94	22.5	EXIT 135
0010	E4-1A		204 X 90		127.5	EW WARRENS ARROW
0010	D2-2	2587+00	168 X 60	IH 94	70.0	TOMAH MADISON
				TOTAL 0010	382.5	

3

TRAFFIC CONTROL SURVEILLANCE AND MAINTENANCE (PROJECT) 03. 1023-06-73

CATEGORY	STATION TO	STATION	LOCATION	643.0200 DAY	REMARKS
0010	2372+92	- 2614+00	IH 94	92	
			TOTAL 0010	92	

TRAFFIC CONTROL WARNING LIGHTS TYPE A

CATEGORY	STATION TO	STATION	LOCATION	643.0705 DAY	REMARKS
0010	2372+92	- 2614+00	IH 94	150	
			TOTAL 0010	150	

TRAFFIC CONTROL DRUMS

CATEGORY	STATION TO	STATION	LOCATION	643.0300 DAY	REMARKS
0010	2372+92	- 2614+00	IH 94	5415	
			TOTAL 0010	5415	

TRAFFIC CONTROL WARNING LIGHTS TYPE C

CATEGORY	STATION TO	STATION	LOCATION	643.0715 DAY	REMARKS
0010	2372+92	- 2614+00	IH 94	700	
			TOTAL 0010	700	

TRAFFIC CONTROL BARRICADES TYPE III

CATEGORY	STATION TO	STATION	LOCATION	643.0420 DAY	REMARKS
0010	2372+92	- 2614+00	IH 94	330	
			TOTAL 0010	330	

TRAFFIC CONTROL ARROW BOARDS

CATEGORY	STATION TO	STATION	LOCATION	643.0800 DAY	REMARKS
0010	2372+92	- 2614+00	IH 94	56	
			TOTAL 0010	56	

TRAFFIC CONTROL SIGNS

CATEGORY	STATION TO	STATION	LOCATION	643.0900 DAY	REMARKS
0010	2372+92	- 2614+00	IH 94	3300	
			TOTAL 0010	3300	

TRAFFIC CONTROL SIGNS PCMS

CATEGORY	STATION	LOCATION	643.1050 DAY	REMARKS
0010	WEST OF COUNTY LINE	IH 94 EB	92	
		TOTAL 0010	92	

3

TRAFFIC CONTROL COVERING SIGNS TYPE I

CATEGORY	STATION	LOCATION	643.0910 EACH	REMARKS
0010	2476+00	IH 94	1	
0010	2528+00	IH 94	1	
		TOTAL 0010	2	

TRAFFIC CONTROL SIGNS FIXED MESSAGE

CATEGORY	STATION	LOCATION	643.1000 SF	REMARKS
0010		IH 94	56	PERIODIC LANE CLOSURES SHOWN ON ADVANCED WARNING DETAIL SHEET

TRAFFIC CONTROL COVERING SIGNS TYPE II

CATEGORY	STATION TO	STATION	LOCATION	643.0920 EACH	REMARKS
0010	2372+92	- 2614+00	IH 94	30	CTH EW DETOUR
0010	2372+92	- 2614+00	IH 94	14	70 MPH
			TOTAL 0010	44	

3

REMOVING RAISED PAVEMENT MARKERS

CATEGORY	STATION TO STATION	LOCATION	646.0790.S EACH	REMARKS
0010	2372+92 - 2614+00	IH 94	241	100' C-C
0010	2554+50 - 2556+00	CTH EW RAMPS	12	25' C-C
		TOTAL 0010	253	

PAVEMENT MARKING STOP LINE EPOXY 18-INCH

CATEGORY	STATION	LOCATION	647.0566 LF	REMARKS
0010	50'G'+50 RT.	E.B. EXIT RAMP CTH EW	15	
0010	50'G'+55 RT.	E.B. EXIT RAMP CTH EW	20	
		TOTAL 0010	35	

3

PAVEMENT MARKING GROOVED WET REFLECTIVE EPOXY 4-INCH

CATEGORY	STATION TO STATION	LOCATION	646.2304.S LF	REMARKS
0010	2372+92 - 2614+00	IH 94	21858	WHITE
0010	2527+00 - 2534+00	IH 94	175	WHITE MIN SKIPS RAMP
0010	2372+92 - 2614+00	IH 94	6031	WHITE
0010	2372+92 - 2614+00	IH 94	23608	YELLOW
		TOTAL 0010	51672	

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH

CATEGORY	STATION TO STATION	LOCATION	649.0400 LF	REMARKS
0010	2528+00 - 2560+00	CTH EW RAMPS	400	LOWER LAYER
0010	2528+00 - 2560+00	CTH EW RAMPS	400	UPPER LAYER
				SEE S.D.D. 15D15-1
		TOTAL 0010	800	

PAVEMENT MARKING GROOVED WET REFLECTIVE EPOXY 8-INCH

CATEGORY	STATION TO STATION	LOCATION	646.2308.S LF	REMARKS
0010	2534+00 - 2537+00	IH 94	436	CTH EW RAMP
0010	2544+00 - 2551+00	IH 94	1370	CTH EW RAMP
		TOTAL 0010	1806	

TEMPORARY PAVEMENT MARKING PAINT 4-INCH

CATEGORY	STATION TO STATION	LOCATION	649.0402 LF	REMARKS
0010	2372+92 - 2614+00	IH 94	55063	LOWER LAYER
0010	2372+92 - 2614+00	IH 94	55063	UPPER LAYER
		TOTAL 0010	110126	

3

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 8-INCH

CATEGORY	STATION TO	STATION	LOCATION	649.0801 LF	REMARKS
0010	2534+00	- 2551+00	CTH EW RAMPS	400	LOWER LAYER
0010	2534+00	- 2551+00	CTH EW RAMPS	400	UPPER LAYER
					SEE S.D.D. 15D15-1
			TOTAL 0010	800	

TEMPORARY PAVEMENT MARKING PAINT 8-INCH

CATEGORY	STATION TO	STATION	LOCATION	649.0802 LF	REMARKS
0010	2534+00	- 2551+00	IH 94	2219	LOWER LAYER
0010	2534+00	- 2551+00	IH 94	2219	UPPER LAYER
			TOTAL 0010	4438	

CONSTRUCTION STAKING PIPE CULVERTS

CATEGORY	STATION	LOCATION	650.6000 EACH	REMARKS
0010	2380+00	IH 94 RT.	3	3 - 36-INCH
0010	2380+00	IH 94 LT.	3	3 - 36-INCH
0010	2390+00	IH 94 LT.	1	24-INCH
0010	2397+25	IH 94 RT.	3	3 - 42-INCH
0010	2397+25	IH 94 LT.	3	3 - 42-INCH
0010	2578+10	IH 94 RT.	1	36-INCH
0010	2603+38	IH 94 RT.	1	36-INCH
0010	2607+00	IH 94 RT.	1	18-INCD
0010	2611+00	IH 94 RT.	1	30-INCH
		TOTAL 0010	17	

CONSTRUCTION STAKING RESURFACING REFERENCE

CATEGORY	STATION TO	STATION	LOCATION	650.8000 LF	REMARKS
0010	2372+92	- 2614+00	IH 94	24108	
0010	37+47	- 46+50	CTH EW ENTRANCE RAMP	903	
0010	33+63	- 50+00	CTH EW EXIT RAMP	1637	
			TOTAL 0010	26648	

CONSTRUCTION STAKING SLOPE STAKES

CATEGORY	STATION TO	STATION	LOCATION	650.9920 LF	REMARKS
0010	2372+92	- 2614+00	IH 94 RT	21858	
			TOTAL 0010	21858	

SAWING ASPHALT

CATEGORY	STATION	LOCATION	690.0150 LF	REMARKS
0010	2614+00	IH 94	14	
		TOTAL 0010	14	

3

SAWING CONCRETE

CATEGORY	MILE MARKER SIGNS	STATION	TO	STATION	LOCATION	690.0250 LF	REMARKS
0010	C.L.	2372+92.3	-	2398+95.7	IH 94 EB	94	2 PASSING 4 DRIVING
0010	133	2398+95.7	-	2450+25	IH 94 EB	230	2 P / 15 D
0010	134	2450+25	-	2503+95	IH 94 EB	362	3 P / 8 D
0010	135	2503+95	-	2556+45	IH 94 EB	354	5 P / 6 D
0010	136	2556+45	-	2609+16	IH 94 EB	370	1 P / 10 D
0010	137	2609+16	-	2614+00	IH 94 EB	34	0 P / 1 D
0010	E.O.P.	2614+00			IH 94 EB		END OF PROJECT
							12'LANE=48 FT/ 14'=52'
0010	C.L.	2372+92.3	-	2398+95.7	IH 94 EB	0	0 PASSING 0 DRIVING
0010	133	2398+95.7	-	2450+25	IH 94 EB	156	0 P / 3 D
0010	134	2450+25	-	2503+95	IH 94 EB	104	0 P / 2 D
0010	135	2503+95	-	2556+45	IH 94 EB	100	1 P / 1 D
0010	136	2556+45	-	2609+16	IH 94 EB	104	0 P / 2 D
0010	137	2609+16	-	2614+00	IH 94 EB	52	0 P / 1 D
0010	E.O.P.	2614+00			IH 94 EB		END OF PROJECT
0010		2944+00	-	2948+00	IH 94 rt.	400	REMOVE 6" CURB HEAD
					TOTAL 0010	2360	

SPECIAL 01. CLEANING DITCH

CATEGORY	STATION	LOCATION	SPV.0060.01 EACH	REMARKS
0010	2380+00	IH 94 RT.	1	
0010	2390+00	IH 94 RT.	1	
0010	2454+80	IH 94 RT.	1	
0010	2489+00	IH 94 RT.	1	
0010	2529+50	IH 94 RT.	1	
0010	2541+00	IH 94 RT.	1	
		TOTAL 0010	6	

SPECIAL 01. REGRADE DITCH

CATEGORY	STATION	LOCATION	SPV.0090.01 LF	REMARKS
0010	2541+00	IH 94 RT.	400	
0010	2557+00	IH 94 RT.	100	
		TOTAL 0010	500	

SPECIAL 01. PCMS REMOTE COMMUNICATIONS

CATEGORY	STATION	LOCATION	SPV.0045.01 DAY	REMARKS
0010	WEST OF CTH EW	IH 94 EB	106	
		TOTAL 0010	106	

SPECIAL 02. PORTABLE SPEED TRAILER

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0045.02 DAY	REMARKS
0010	2372+92	-	2614+00	IH 94	56	
				TOTAL 0010	56	

SPECIAL 01. REHEATING HMA PAVEMENT LONGITUDINAL JOINTS SPECIAL

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0170.01 STA	REMARKS
0010	2372+92	-	2614+00	IH 94	236	UPPER LAYER LT.
0010	2372+92	-	2614+00	IH 94	236	UPPER LAYER RT.
				TOTAL 0010	472	

FILE NAME : N:\PDS\Projects-LET\1023-00-06\PSE\misq\030200_mq_10230076.ppt PLOT DATE : January 09,, 2010 PLOT BY : dothd2a PLOT NAME : 030200 PLOT SCALE : 1:1

3

SPECIAL 01. CONCRETE PAVEMENT REPAIR DOWELED SPECIAL

CATEGORY	MILE MARKER SIGN	STATION TO	STATION	LOCATION	SPV.0180.01 SY	REMARKS
						1 - 6 X 12 / 9 = 8 SY
0010	C.L.	2372+92.3	- 2398+95.7	IH 94 EB	48.00	2 PASSING 4 DRIVING
0010	133	2398+95.7	- 2450+25	IH 94 EB	136.00	2 P / 15 D
0010	134	2450+25	- 2503+95	IH 94 EB	88.00	3 P / 8 D
0010	135	2503+95	- 2556+45	IH 94 EB	88.00	5 P / 6 D
0010	136	2556+45	- 2609+16	IH 94 EB	88.00	1 P / 10 D
0010	137	2609+16	- 2614+00	IH 94 EB	1.00	0 P / 1 D
0010	E.O.P.	2614+00		IH 94 EB		END OF PROJECT
				TOTAL 0010	449	

SPECIAL 01. HMA PAVEMENT TYPE SMA-SPECIAL

CATEGORY	STATION TO	STATION	LOCATION	SPV.0195.01 TON	REMARKS
0010	2372+92	- 2614+00	MAINLINE & MEDIAN SHLDR UPPER LAYER	8401	
			TOTAL 0010	8401	

3

SPECIAL 02. CONCRETE PAVEMENT REPLACEMENT DOWELED SPECIAL

CATEGORY	MILE MARKER SIGN	STATION TO	STATION	LOCATION	SPV.0180.02 SY	REMARKS
						1 - 24 X 12 / 9 = 32 SY
0010	C.L.	2372+92.3	- 2398+95.7	IH 94 EB	0.00	0 PASSING 0 DRIVING
0010	133	2398+95.7	- 2450+25	IH 94 EB	96.00	0 P / 3 D
0010	134	2450+25	- 2503+95	IH 94 EB	64.00	0 P / 2 D
0010	135	2503+95	- 2556+45	IH 94 EB	64.00	1 P / 1 D
0010	136	2556+45	- 2609+16	IH 94 EB	64.00	0 P / 2 D
0010	137	2609+16	- 2614+00	IH 94 EB	32.00	0 P / 1 D
0010	E.O.P.	2614+00		IH 94 EB		END OF PROJECT
				TOTAL 0010	320	

SPECIAL 02. SMA PAVEMENT COMPATION ACCEPTANCE

CATEGORY	STATION TO	STATION	LOCATION	SPV.0195.02 TON	REMARKS
0010	2372+92	- 2614+00	MAINLINE & MEDIAN SHLDR UPPER LAYER	8401	
			TOTAL 0010	8401	

REMOVING CONCRETE SURFACE PARTIAL DEPTH

CATEGORY	MILE MARKER SIGNS	STATION		STATION	LOCATION	204.0109.S SF	REMARKS
0010							12 'LANE x 8' = 96'
0010	C.L.	2374+11.98	-	2398+95.7	IH 94 WB UPPER	288	1 PASSING 2 DRIVING
0010	133	2398+95.7	-	2450+25	IH 94 WB UPPER	672	2 P / 5 D
0010	134	2450+25	-	2503+95	IH 94 WB UPPER	480	2 P / 3 D
0010	135	2503+95	-	2556+45	IH 94 WB UPPER	768	0 P / 8 D
0010	136	2556+45	-	2609+16	IH 94 WB UPPER	192	1 P / 1 D
0010	137	2609+16	-	2614+00	IH 94 WB UPPER	1800	150' X 12 P & D
0010		2374+12	-	2614+00	IH 94 WB LOWER	15086	LAST PATCH JOB
					TOTAL 0010	19286	

REMOVING CONCRETE BASES

CATEGORY	STATION	SIZE	LOCATION	204.0195 EACH	REMARKS
0010	2490+00	192 X 84	IH 92	2	MILEAGE SIGN
			TOTAL 0010	2	

REMOVING ASPHALTIC SURFACE BUTT JOINTS

CATEGORY	STATION	LOCATION	204.0115 SY	REMARKS
0010	2450+50	IH 94	211	B-41-00-62 UPPER LAYER
0010	2449+00	IH 94	211	B-41-00-62 LOWER LAYER
0010	2453+00	IH 94	211	B-41-00-62 UPPER LAYER
0010	2454+00	IH 94	211	B-41-00-62 LOWER LAYER
0010	2462+75	IH 94	211	B-41-00-64 UPPER LAYER
0010	2461+75	IH 94	211	B-41-00-64 LOWER LAYER
0010	2464+75	IH 94	211	B-41-00-64 UPPER LAYER
0010	2465+75	IH 94	211	B-41-00-64 LOWER LAYER
0010	2548+00	IH 94	211	B-41-00-66 UPPER LAYER
0010	2547+00	IH 94	211	B-41-00-66 LOWER LAYER
0010	2549+25	IH 94	211	B-41-00-66 UPPER LAYER
0010	2550+25	IH 94	211	B-41-00-66 LOWER LAYER
0010	2548+00	CTH EW	200	EXIT RAMP
0010	50'K'+00	CTH EW	400	RAMPS A CTH EW
0010	2614+00	IH 94	422	END PROJECT
		TOTAL 0010	3554	

3

REMOVING ASPHALTIC SURFACE MILLING

CATEGORY	STATION TO STATION	LOCATION	204.0120 SY	REMARKS
0010	2374+10 - 2614+00	IH 94	109785	
0010		CTH EW ENTRANCE RAMP	3195	
0010		CTH EW EXIT RAMP	2780	
0010		RAMP TAPER	1111	
0010		MAINTENANCE X-OVERS	445	
		TOTAL 0010	117316	

REMOVING (ITEM DESCRIPTION) 01. APRON ENDWALLS

CATEGORY	STATION	LOCATION	204.9060.S.01 EACH	REMARKS
0010	2440+00	IH 94 RT.	1	1 - 24"
		TOTAL 0010	1	

3

REMOVING DELINEATORS AND MARKERS

CATEGORY	STATION TO STATION	LOCATION	204.0180 EACH	REMARKS
0010	2374+12 - 2614+00	IH 94	55	
0010	33'K'+50 - 50'K'+50	CTH EW ENTRANCE RAMP	20	
0010	38'J'+00 - 47'J'+50	CTH EW EXIT RAMP	30	
0010	2374+12 26+14	IH 94	42	CULVERTS
		TOTAL 0010	147	

BASE AGGREGATE DENSE 3/4-INCH

CATEGORY	STATION TO STATION	LOCATION	305.0110 TON	REMARKS
0010	2374+12 - 2614+00	IH 94	400	SHOULDERS
		TOTAL 0010	400	

SHAPING SHOULDERS

CATEGORY	STATION TO	STATION	LOCATION	305.0500 STA	REMARKS
0010	2372+92	- 2614+00	IH 94	473	23626 / 100 X 2
			TOTAL 0010	473	

DRILLED TIE BARS

CATEGORY	MILE MARKER SIGNS	STATION TO	STATION	LOCATION	416.0610 EACH	REMARKS
						1 - 24 X 12 = 13 BARS
0010	C.L.	2374+11.98	- 2398+95.7	IH 94 WB LOWER	39	1 PASSING 2 DRIVING
0010	133	2398+95.7	- 2450+25	IH 94 WB LOWER	91	2 P / 5 D
0010	134	2450+25	- 2503+95	IH 94 WB LOWER	65	2 P / 3 D
0010	135	2503+95	- 2556+45	IH 94 WB LOWER	104	0 P / 8 D
0010	136	2556+45	- 2609+16	IH 94 WB LOWER	26	1 P / 1 D
0010	137	2609+16	- 2614+00	IH 94 WB LOWER	82	150' X 12 P & D
0010	E.O.P.	2614+00		IH 94 WB LOWER		
				TOTAL 0010	407	

DRILLED DOWEL BARS

CATEGORY	MILE MARKER SIGNS	STATION TO	STATION	LOCATION	416.0620 EACH	REMARKS
						12'LANE = 16 BARS
0010	C.L.	2374+11.98	- 2398+95.7	IH 94 WB LOWER	48	1 PASSING 2 DRIVING
0010	133	2398+95.7	- 2450+25	IH 94 WB LOWER	112	2 P / 5 D
0010	134	2450+25	- 2503+95	IH 94 WB LOWER	80	2 P / 3 D
0010	135	2503+95	- 2556+45	IH 94 WB LOWER	128	0 P / 8 D
0010	136	2556+45	- 2609+16	IH 94 WB LOWER	32	1 P / 1 D
0010	137	2609+16	- 2614+00	IH 94 WB LOWER	32	150' X 12 P & D
0010	E.O.P.	2614+00		IH 94 WB LOWER		
				TOTAL 0010	432	

ASPHALTIC MATERIAL PG58-34

CATEGORY	STATION TO	STATION	LOCATION	455.0110 TON	REMARKS
0010	2372+92	- 2614+00	10' OUTSIDE SHOULDER	162	
0010	25+50	- 50+24	CTH EW ENTRANCE RAMP	14	SHOULDER
0010	38+10	- 45+10	CTH EW EXIT RAMP	6	SHOULDER
0010			MAIN. X-OVER	3	
			TOTAL 0010	185	

ASPHALTIC MATERIAL PG64-34P

CATEGORY	STATION TO	STATION	LOCATION	455.0145 TON	REMARKS
0010	2372+92	- 2614+00	IH 94 & MEDIAN SHOULDER	556	LOWER LAYER
0010	25+50	- 50+24	CTH EW ENTRANCE RAMP	38	
0010	38+10	- 45+10	CTH EW EXIT RAMP	10	
			TOTAL 0010	604	

3

TACK COAT

S.Y. X 0.05 PER LIFT

455.0605

CATEGORY	STATION TO STATION	LOCATION	GAL	REMARKS
0010	2372+92 - 2614+00	IH 94	3675	SMA UPPER
0010	2372+92 - 2614+00	IH 94 & MEDIAN SHOULDER	3675	LOWER LAYER E-10
0010	25+50 - 50+24	CTH EW ENTRANCE RAMP	206	LOWER LAYER E-10
0010	38+10 - 45+10	CTH EW EXIT RAMP	56	LOWER LAYER E-10
0010	25+50 - 50+24	CTH EW ENTRANCE RAMP	206	UPPER LAYER E-10
0010	38+10 - 45+10	CTH EW EXIT RAMP	56	UPPER LAYER E-10
0010	2372+92 - 2614+00	IH 94 OUTSIDE SHOULDER	1231	LOWER LAYER E-0.3
0010	2372+92 - 2614+00	IH 94 OUTSIDE SHOULDER	1231	UPPER LAYER E-0.3
0010	25+50 - 50+24	CTH EW ENTRANCE RAMP	81	UPPER LAYER E-0.3
0010	38+10 - 45+10	CTH EW EXIT RAMP	33	UPPER LAYER E-0.3
0010	25+50 - 50+24	CTH EW ENTRANCE RAMP	81	LOWER LAYER E-0.3
0010	38+10 - 45+10	CTH EW EXIT RAMP	33	
0010		MAINTENCE X-OVERS	22	1.75" E-0.3
		TOTAL 0010	10586	

HMA PAVEMENT TYPE E-10

460.1110

CATEGORY	STATION TO STATION	LOCATION	TON	REMARKS
0010	2372+92 - 2614+00	IH 94 & MEDIAN SHOULDER	10107	LOWER LAYER
0010	25+50 - 50+24	CTH EW ENTRANCE RAMP	680	
0010	38+10 - 45+10	CTH EW EXIT RAMP	184	
		TOTAL 0010	10971	

3

HMA PAVEMENT TYPE E-0.3

460.1100

CATEGORY	STATION TO STATION	LOCATION	TON	REMARKS
0010	2372+92 - 2614+00	10' OUTSIDE SHOULDER	2707	
0010	25+50 - 50+24	CTH EW ENTRANCE RAMP	267	SHOULDER
0010	38+10 - 45+10	CTH EW EXIT RAMP	110	SHOULDER
0010		MAIN. X-OVER	43	
		TOTAL 0010	3127	

ASPHALTIC SURFACE PATCHING

465.0110

CATEGORY	STATION TO STATION	LOCATION	TON	REMARKS
0010	2372+92 - 2614+00	IH 94	500	UNDISTRIBUTED
		TOTAL 0010	500	

ASPHALTIC SURFACE TEMPORARY

465.0125

CATEGORY	STATION TO STATION	LOCATION	TON	REMARKS
0010	2372+92 - 2614+00	IH 94 RT. SIDE	183	40 TON PER MILE
0010	2372+92 - 2614+00	IH 94 LT. SIDE	180	40 TON PER MILE FILL IN RUMBLE STRIPS OR MILL AND FILL
		TOTAL 0010	363	

3

ASPHALTIC SHOULDER RUMBLE STRIPS

CATEGORY	STATION TO STATION	LOCATION	465.0400 LF	REMARKS
0010	2372+92 - 2614+00	IH 94 RT	21858	
0010	2372+92 - 2614+00	IH 94 LT	23608	
		TOTAL 0010	45466	

CONCRETE MASONRY ENDWALLS

CATEGORY	STATION	LOCATION	504.0900 CY	REMARKS
0010	2384+00	IH 94 LT.	9	3-36-INCH
0010				REPLACE IN PLACE
0010	2384+00	IH 94 RT.	9	3-36-INCH
0010				REPLACE IN PLACE
0010	2397+25	IH 94 LT.	11	3-42-INCH
0010				REPLACE IN PLACE
0010	2397+25	IH 94 RT.	11	3-42-INCH
0010				REPLACE IN PLACE
		TOTAL 0010	40	

CONCRETE MASONRY CULVERTS HES

CATEGORY	STATION	LOCATION	504.0200 CY	REMARKS
0010	2546+00	IH 94	5.5	1 - 60" X 296' QUANTITY SPLIT BETWEEN EB & WB ID'S
		TOTAL 0010	5.5	

APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH

CATEGORY	STATION	LOCATION	522.1024 EACH	REMARKS
0010	2440+00	IH 94 RT.	1	
		TOTAL 0010	1	

BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES

CATEGORY	STATION	LOCATION	505.0800.S LB	REMARKS
0010	2546+00	IH 94 WEST BOUND		
0010		PIPE REPAIRE	493	QUANTITY SPLIT BETWEEN
0010				EAST BOUND AND WEST BOUND
		TOTAL 0010	493	

NOTE: JOINT TIES REQUIRED

CATEGORY	STATION	LOCATION	CULVERT PIPE SALVAGED 18-INCH 524.0118 LF	CULVERT PIPE SALVAGED 24-INCH 524.0124 LF	CULVERT PIPE SALVAGED 30-INCH 524.0130 LF	CULVERT PIPE SALVAGED 36-INCH 524.0136 LF	CULVERT PIPE SALVAGED 48-INCH 524.0148 LF	CULVERT PIPE SALVAGED 60-INCH 524.0160 LF	REMARKS
0010	2440+00	IH 94 LT.		16					
0010	2461+50	IH 94 LT.	16						
0010	2467+00	IH 94 LT.	16						
0010	2480+00	IH 94 LT.	16						
0010	2480+00	IH 94 RT.	16						
0010	2541+00	IH 94 LT.					16		
0010	2546+00	IH 94 LT.						16	
0010	2549+80	IH 94 LT.	16						
0010	2570+50	IH 94 LT.	16						
0010	2578+10	IH 94 LT.				16			
0010	2603+58	IH 94 LT.				16			
0010	2610+85	IH 94 LT.			16				
		TOTAL 0010	96	16	16	32	16	16	

NOTE: JOINT TIES REQUIRED

CATEGORY	STATION	LOCATION	APRON ENDWALLS FOR CULVERT PIPE SALVAGED 18-INCH 524.0618 EACH	APRON ENDWALLS FOR CULVERT PIPE SALVAGED 24-INCH 524.0624 EACH	APRON ENDWALLS FOR CULVERT PIPE SALVAGED 30-INCH 524.0630 EACH	APRON ENDWALLS FOR CULVERT PIPE SALVAGED 36-INCH 524.0636 EACH	APRON ENDWALLS FOR CULVERT PIPE SALVAGED 48-INCH 524.0648 EACH	APRON ENDWALLS FOR CULVERT PIPE SALVAGED 60-INCH 524.0660 EACH	REMARKS
0010	2430+00	IH 94 RT.		2					
0010	2440+00	IH 94 LT.		1					
0010	2461+50	IH 94 LT.	1						
0010	2467+00	IH 94 LT.	1						
0010	2480+00	IH 94 LT.	1						
0010	2480+00	IH 94 RT.	1						
0010	2541+00	IH 94 LT.					1		
0010	2546+00	IH 94 LT.						1	
0010	2549+80	IH 94 LT.	1						
0010	2570+50	IH 94 LT.	1						
0010	2578+10	IH 94 LT.				1			
0010	2603+58	IH 94 LT.				1			
0010	2610+85	IH 94 LT.			1				
		TOTAL 0010	6	3	1	2	1	1	

RECONSTRUCTING INLETS

NOTE: INLET TYPE 8 HAS 1 MS GRATE, TYPE 9 2 MS GRATES, TYPE 10 3 MS GRATES.

CATEGORY	STATION	LOCATION	611.0430 EACH	REMARKS
0010	2535+00	IH 94 RT.	1	ORIGINAL TYPE 9 MS
		TOTAL 0010	1	

FENCE SAFETY

CATEGORY	STATION TO	STATION	LOCATION	616.0700.S LF	REMARKS
0010	2421+00 -	2422+00	IH 94 MEDIAN	800	USED TO PROTECT ARC SITE 200' X 4
			TOTAL 0010	800	

WATER

CATEGORY	STATION TO	STATION	LOCATION	624.0100 MGAL	REMARKS
0010	2374+11.98 -	2614+00	IH 94	4	
			TOTAL 0010	4	

3

MULCHING

CATEGORY	STATION TO STATION	LOCATION	627.0200 SY	REMARKS
0010	2374+12 - 2614+00	IH 94	100	EROSION CONTROL
		TOTAL 0010	100	

SILT FENCE

CATEGORY	STATION TO STATION	LOCATION	628.1504 LF	REMARKS
0010	2374+12 - 2614+00	IH 94	50	PIPE WORK
		TOTAL 0010	50	

SILT FENCE MAINTENANCE

CATEGORY	STATION TO STATION	LOCATION	628.1520 LF	REMARKS
0010	2374+12 - 2614+00	IH 94	50	
		TOTAL 0010	50	

EROSION MAT CLASS I TYPE B

CATEGORY	STATION TO STATION	LOCATION	628.2004 SY	REMARKS
0010	2374+12 - 2614+00	IH 94	100	UNDISTRIBUTED
		TOTAL 0010	100	

FERTILIZER TYPE B

CATEGORY	STATION TO STATION	LOCATION	629.0210 CWT	REMARKS
0010	2374+12 - 2614+00	IH 94	1	
		TOTAL 0010	1	

SEEDING MIXTURE NO. 20

CATEGORY	STATION TO STATION	LOCATION	630.0120 LB	REMARKS
0010	2374+12 - 2614+00	IH 94	50	EROSION CONTROL
		TOTAL 0010	50	

3

CATEGORY	STATION TO	STATION	LOCATION	DELINEATOR POSTS STEEL 633.0100 EACH	DELINEATOR REFLECTORS 633.0500 EACH	REMARKS
0010	2374+12	- 2614+00	IH 94	55	55	
0010	33'K'+50	- 50'K'+50	CTH EW ENTRANCE RAMP	20	20	
0010	38'J'+00	- 47'J'+50	CTH EW EXIT RAMP	25	30	
			TOTAL 0010	100	105	

MARKERS CULVERT END

CATEGORY	STATION TO	STATION	LOCATION	633.5200 EACH	REMARKS
0010	2374+12	- 2614+00	IH 94 LT.	26	
0010	2374+12	- 2614+00	IH 94 RT.	16	
			TOTAL 0010	42	

FILE NAME : N:\PDS\Projects-LET\1023-00-06\PSE\misq\030200_mq_10230076.ppt PLOT DATE : January 09,, 2010 PLOT BY : dothd2a PLOT NAME : 030200 PLOT SCALE : 1:1

3

CATEGORY	SIGN CODE	STATION	SIZE	SIGN DISCRIPTION	POST WOOD 4 X 6 14-FT 634.0614 EACH	POST WOOD 4 X 6 16-FT 634.0616 EACH	POST WOOD 4 X 6 18-FT 634.0618 EACH	POST WOOD 4 X 6 20-FT 634.0620 EACH	SIGNS TYPE II REF H 637.2210 SF	SIGNS TYPE II REF F 637.2230 SF	REMOVING SIGNS TYPE II 638.2602 EACH	REMOVING SMALL SIGN SUPPORTS 638.3000 EACH	REMARKS
0010	R3-4B	2388+40	36X48	NO U TURN		1			12.00				IH 94
0010	R3-4B	2388+90	36X48	NO U TURN							1	1	IH 94
0010	D10-3	2399+00	12X48	MILE 133	1				4.00		1	1	IH 94
0010	D10-3	2450+25	12X48	MILE 134	1				4.00		1	1	IH 94
0010	D10-3	2504+00	12X48	MILE 135	1				4.00		1	1	IH 94
0010	J4-1	2520+00	36X54	WEST 94			1		13.50		1	1	IH 94
0010	W4-1	2537+00	48X48	MERGING							1	1	IH 94
0010	W4-1	2541+50	48X48	MERGING		2				16.00			IH 94
0010	W1-8	44'K'+00	18X24	CHEVRON									
0010		TO 47'K+'00			4					12.00	4	4	4 SIGNS @ 3 SF
0010	W1-8	35'J'+50	18X24	CHEVRON									
0010		TO 46'J+'00			6					18.00	6	6	6 SIGNS @ 3 SF
0010	R7-64	48'K'+00	48X30	NO PARKING		1			10.00		1	1	ENTRANCE RAMP
0010	R5-57	49'K'+00	36X36	NO PEDS		1			9.00		1	1	ENTRANCE RAMP
0010	W13-2A	2549+50	48X90	EXIT SPEED				2		30.00	1	2	IH 94
0010	W3-1	44'J'+50	36X36	STOP AHEAD			1			9.00	1	1	EXIT RAMP
0010	D1-1	39'J'+00	66X15	ARROW WARRENS	2				6.88		1	2	EXIT RAMP
0010	R5-1A	39'J'+00	36X24	WRONG WAY							1		EXIT RAMP
0010	J13-1	49'K'+00	24X45	EW ARROWS			1		7.40		1	1	EXIT RAMP
0010	R5-1A	49'K'+00	36X24	WRONG WAY					6.00		1		EXIT RAMP
0010	R4-7	50'K'+10	24X30	KEEP RIGHT	1				5.00		1	1	EXIT RAMP
0010	W12-1D	50'K'+10	24X24	DOUBLE ARROW DOWN						4.00			USE EXISTING POST
0010	R1-1	50'K'+10	36X36	STOP	2				14.92		2	2	2 SIGNS @ 7.46 SF
0010	R5-1	50'K'+10	30X30	DO NOT ENTER	2				12.50		2	2	2 SIGNS @ 6.25 SF
0010	J2-1	22'EW'+50 LT.	24X57	EAST 94 ARROW			1		9.50		1	1	CTH EW
0010	D1-1	24'EW'+20 RT.	78X15	ARROW EAU CLAIRE	2				8.13		1	2	CTH EW
0010	J3-1	26'EW'+00 RT.	24X57	WEST 94 ARROW			1		9.50		1	1	CTH EW
0010	J3-1	27'EW'+00 LT.	24X57	WEST 94 ARROW			1		9.50		1	1	CTH EW
				TOTAL 0010	22	5	6	2	145.83	89.00	33	34	

FILE NAME : N:\PDS\Projects-LET\1023-00-06\PSE\misq\030200_mq_10230076.ppt PLOT DATE : January 09,, 2010 PLOT BY : dothd2a PLOT NAME : 030200 PLOT SCALE : 1:1

3

CATEGORY	SIGN CODE	STATION	SIZE	SIGN DISCRIPTION	LOCATION	SIGN SUPPORTS STRUCTURAL STEEL HS 635.0200 LB	SIGN SUPPORTS REPLACING BASE CON BOLTS 635.0300 EACH	SIGN SUPPORTS CONCRETE MASONRY 636.0100 CY	STEEL REINFORCEMENT 636.0500 LB	SIGNS TYPE 1 REF H 637.1210 SF	REMOVING SIGNS TYPE 1 638.2601 EACH	REMARKS
0010	D2-3	2490+00	192 X 84	MILLSTON	IH 94	0	0	0	0	0.0	1	SIGN MOVED
0010				EAU CLAIRE								
0010				ST PAUL								
0010	D2-3	2500+00	192 X 84	MILLSTON	IH 94	837	0	1.6	98	112.0	0	2 - TYPE B BEAMS
0010				EAU CLAIRE								K = 146.5 LB
0010				ST PAUL								
0010	E1-5P	2553+50	108 X 30	EXIT 135	IH 94	0	0	0	0	22.5	1	
0010	E4-1A	2553+50	204 X 90	EW / WARRENS / ARROW		0	8	0	0	127.5		
					TOTAL 0010	837	8	1.6	98	262.0	2	

FILE NAME : N:\PDS\Projects-LET\1023-00-06\PSE\misq\030200_mq_10230076.ppt PLOT DATE : January 09,, 2010 PLOT BY : dothd2a PLOT NAME : 030200 PLOT SCALE : 1:1

TRAFFIC CONTROL SURVEILLANCE AND MAINTENANCE (PROJECT) 04. 1023-06-75

CATEGORY	STATION TO	STATION	LOCATION	643.0200 DAY	REMARKS
0010	2374+11.98	- 2614+00		92	
			TOTAL 0010	92	

TRAFFIC CONTROL WARNING LIGHTS TYPE A

CATEGORY	STATION TO	STATION	LOCATION	643.0705 DAY	REMARKS
0010	2374+12	- 2614+00	IH 94	150	
			TOTAL 0010	150	

TRAFFIC CONTROL DRUMS

CATEGORY	STATION TO	STATION	LOCATION	643.0300 DAY	REMARKS
0010	2374+12	- 2614+00	IH 94	5415	
			TOTAL 0010	5415	

TRAFFIC CONTROL WARNING LIGHTS TYPE C

CATEGORY	STATION TO	STATION	LOCATION	643.0715 DAY	REMARKS
0010	2374+12	- 2614+00	IH 94	700	
			TOTAL 0010	700	

TRAFFIC CONTROL BARRICADES TYPE III

CATEGORY	STATION TO	STATION	LOCATION	643.0420 DAY	REMARKS
0010	2374+12	- 2614+00	IH 94	330	
			TOTAL 0010	330	

TRAFFIC CONTROL ARROW BOARDS

CATEGORY	STATION TO	STATION	LOCATION	643.0800 DAY	REMARKS
0010	2374+12	- 2614+00	IH 94	56	
			TOTAL 0010	56	

TRAFFIC CONTROL SIGNS

CATEGORY	STATION TO	STATION	LOCATION	643.0900 DAY	REMARKS
0010	2374+12	- 2614+00	IH 94	3300	
			TOTAL 0010	3300	

TRAFFIC CONTROL COVERING SIGNS TYPE I

CATEGORY	STATION	LOCATION	643.0910 EACH	REMARKS
0010	2553+50	IH 94	1	EXIT 135
0010	2605+00	IH 94	1	EXIT 135, 1 MILE
		TOTAL 0010	2	

TRAFFIC CONTROL COVERING SIGNS TYPE II

CATEGORY	STATION TO	STATION	LOCATION	643.0920 EACH	REMARKS
0010	2374+12	- 2614+00	IH 94	30	CTH EW DETOUR
0010	2374+12	- 2614+00	IH 94	14	65 MPH
			TOTAL 0010	44	

TRAFFIC CONTROL SIGNS FIXED MESSAGE

CATEGORY	STATION	LOCATION	643.1000 SF	REMARKS
0010		IH 94	56	PERIODIC LANE CLOSURES SHOWN ON ADVANCED WARNING
		TOTAL 0010	56	

TRAFFIC CONTROL SIGNS PCMS

CATEGORY	STATION TO	STATION	LOCATION	643.1050 DAY	REMARKS
0010	2374+12	- 2614+00	IH 94	92	
			TOTAL 0010	92	

FILE NAME : N:\PDS\Projects-LET\1023-00-06\PSE\misq\030200_mq_10230076.ppt PLOT DATE : January 09,, 2010 PLOT BY : dothd2a PLOT NAME : 030200 PLOT SCALE : 1:1

3

PAVEMENT MARKING GROOVED WET REFLECTIVE EPOXY 4-INCH

CATEGORY	STATION TO STATION	LOCATION	646.2304.S LF	REMARKS
0010	2374+12 - 2614+00	IH 94	22151	WHITE
0010	2374+12 - 2614+00	IH 94	23626	YELLOW
0010	34+82 - 50+00	"K" RAMP	1518	WHITE
0010	37+00 - 50+00	"K" RAMP	1300	YELLOW
0010	46+84 - 50+00	"J" RAMP LT.	316	WHITE
0010	46+84 - 50+00	"J" RAMP RT.	316	WHITE
0010	38+47 - 45+00	"J" RAMP LT.	653	WHITE
0010	38+47 - 45+00	"J" RAMP LT.	653	WHITE
		TOTAL 0010	50533	

PAVEMENT MARKING GROOVED WET REFLECTIVE EPOXY 8-INCH

CATEGORY	STATION TO STATION	LOCATION	646.2308.S LF	REMARKS
0010	2534+00 - 2537+00	IH 94	436	
0010	2544+00 - 2551+00	IH 94	1370	
		TOTAL 0010	1806	

PAVEMENT MARKING STOP LINE EPOXY 18-INCH

CATEGORY	STATION	LOCATION	647.0566 LF	REMARKS
0010	35'J'+00	W.B. EXIT RAMP TO CTH EW	15	
0010	35'J'+00	W.B. EXIT RAMP TO CTH EW	20	
		TOTAL 0010	35	

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH

CATEGORY	STATION TO STATION	LOCATION	649.0400 LF	REMARKS
0010	2534+00 - 2537+00	CTH EW RAMPS	400	LOWER LAYER
0010	2544+00 - 2551+00	CTH EW RAMPS	400	UPPER LAYER
				SEE S.D.D. 15D15-1
		TOTAL 0010	800	

TEMPORARY PAVEMENT MARKING PAINT 4-INCH

CATEGORY	STATION TO STATION	LOCATION	649.0402 LF	REMARKS
0010	237412 - 261400	IH 94	55063	LOWER LAYER
0010	237412 - 261400	IH 94	55063	UPPER LAYER
		TOTAL 0010	110126	

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 8-INCH

CATEGORY	STATION TO STATION	LOCATION	649.0801 LF	REMARKS
0010	237412 - 261400	CTH EW RAMPS	400	LOWER LAYER
0010	237412 - 261400	CTH EW RAMPS	400	UPPER LAYER
				SEE S.D.D. 15D15-1
		TOTAL 0010	800	

3

TEMPORARY PAVEMENT MARKING PAINT 8-INCH

CATEGORY	STATION		STATION	LOCATION	649.0802 LF	REMARKS
0010	237412	-	261400	IH 94	2219	LOWER LAYER
0010	237412	-	261400	IH 94	2219	UPPER LAYER
				TOTAL 0010	4438	

CONSTRUCTION STAKING RESURFACING REFERENCE

CATEGORY	STATION		STATION	LOCATION	650.8000 LF	REMARKS
0010	2372+92	-	2614+00	IH 94	24108	
0010	37+47	-	46+50	CTH EW ENTRANCE RAMP	903	
0010	33+63	-	50+00	CTH EW EXIT RAMP	1637	
				TOTAL 0010	26648	

SAWING ASPHALT

CATEGORY	STATION	LOCATION	690.0150 LF	REMARKS
0010	2614+00	IH 94	14	
		TOTAL 0010	14	

SAWING CONCRETE

CATEGORY	MILE MARKER SIGNS	STATION	TO	STATION	LOCATION	690.0250 LF	REMARKS
0010		2137+61	-	2372+92	IH 94	1000	ESTIMATE WAS 0
0010							12 'LANE x 8' = 32'
0010	C.L.	2374+11.98	-	2398+95.7	IH 94 WB UPPER	96	1 PASSING 2 DRIVING
0010	133	2398+95.7	-	2450+25	IH 94 WB UPPER	224	2 P / 5 D
0010	134	2450+25	-	2503+95	IH 94 WB UPPER	160	2 P / 3 D
0010	135	2503+95	-	2556+45	IH 94 WB UPPER	256	0 P / 8 D
0010	136	2556+45	-	2609+16	IH 94 WB UPPER	64	1 P / 1 D
0010	137	2609+16	-	2614+00	IH 94 WB UPPER	198	150' X 12 P & D
0010	E.O.P.	2614+00			IH 94 WB UPPER		
							12' LANE x 6' = 30'
0010	C.L.	2374+11.98	-	2398+95.7	IH 94 WB LOWER	90	1 PASSING 2 DRIVING
0010	133	2398+95.7	-	2450+25	IH 94 WB LOWER	210	2 P / 5 D
0010	134	2450+25	-	2503+95	IH 94 WB LOWER	150	2 P / 3 D
0010	135	2503+95	-	2556+45	IH 94 WB LOWER	240	0 P / 8 D
0010	136	2556+45	-	2609+16	IH 94 WB LOWER	60	1 P / 1 D
0010	137	2609+16	-	2614+00	IH 94 WB LOWER	198	150' X 12 P & D
0010	E.O.P.	2614+00			IH 94 WB LOWER		
					TOTAL 0010	2946	

SPECIAL 01. CONTINUOUSLY REINFORCED CONCRETE REPAIR SPECIAL

CATEGORY	MILE MARKER SIGN	STATION	TO	STATION	LOCATION	SPV.0035.01 CY	REMARKS
							1 - 8 X 12 X 1 = 3.556 CY
0010	C.L.	2374+11.98	-	2398+95.7	IH 94 WB UPPER	10.67	1 PASSING 2 DRIVING
0010	133	2398+95.7	-	2450+25	IH 94 WB UPPER	24.89	2 P / 5 D
0010	134	2450+25	-	2503+95	IH 94 WB UPPER	17.78	2 P / 3 D
0010	135	2503+95	-	2556+45	IH 94 WB UPPER	28.45	0 P / 8 D
0010	136	2556+45	-	2609+16	IH 94 WB UPPER	7.11	1 P / 1 D
0010	137	2609+16	-	2614+00	IH 94 WB UPPER	133.33	150' X 12 P & D
0010	E.O.P.	2614+00			IH 94 WB UPPER		
							1 - 6 X 12 X 1 = 2.67 CY
0010	C.L.	2374+11.98	-	2398+95.7	IH 94 WB LOWER	8.01	1 PASSING 2 DRIVING
0010	133	2398+95.7	-	2450+25	IH 94 WB LOWER	18.69	2 P / 5 D
0010	134	2450+25	-	2503+95	IH 94 WB LOWER	13.35	2 P / 3 D
0010	135	2503+95	-	2556+45	IH 94 WB LOWER	21.36	0 P / 8 D
0010	136	2556+45	-	2609+16	IH 94 WB LOWER	5.00	1 P / 1 D
0010	137	2609+16	-	2614+00	IH 94 WB LOWER	133.33	150' X 12 P & D
0010	E.O.P.	2614+00			IH 94 WB LOWER		
					TOTAL 0010	422	

3

3

SPECIAL 01. PCMS REMOTE COMMUNICATIONS

CATEGORY	STATION	LOCATION	SPV.0045.01 DAY	REMARKS
0010	EAST OF CTH EW	IH 94	106	EAST END
		TOTAL 0010	106	

SPECIAL 02. PORTABLE SPEED TRAILER

CATEGORY	STATION TO	STATION	LOCATION	SPV.0045.02 DAY	REMARKS
0010	2374+11.98 -	2614+00	IH 94	56	
			TOTAL 0010	56	

SPECIAL 01. CLEANING DITCH

CATEGORY	STATION	LOCATION	SPV.0060.01 EACH	REMARKS
0010	2398+20	IH 94 RT.	1	
0010	2398+20	IH 94 LT.	1	
		TOTAL 0010	2	

SPECIAL 01. REHEATING HMA PAVEMENT LONGITUDINAL JOINTS SPECIAL

CATEGORY	STATION TO	STATION	LOCATION	SPV.0170.01 STA	REMARKS
0010	2374+12 -	2614+00	IH 94	234	UPPER LAYER LT.
0010	2374+12 -	2614+00	IH 94	234	UPPER LAYER RT.
			TOTAL 0010	468	

SPECIAL 01. HMA PAVEMENT TYPE SMA-SPECIAL

CATEGORY	STATION TO	STATION	LOCATION	SPV.0195.01 TON	REMARKS
0010	2374+12 -	2614+00	MAINLINE & MEDIAN SHLDR UPPER LAYER	8085	
			TOTAL 0010	8085	

SPECIAL 02. SMA PAVEMENT COMPACTION ACCEPTANCE

CATEGORY	STATION TO	STATION	LOCATION	SPV.0195.02 TON	REMARKS
0010	2374+12 -	2614+00	MAINLINE & MEDIAN SHLDR UPPER LAYER	8085	
			TOTAL 0010	8085	

BEGIN PROJECT 1023-00-72
STA. 2137+61

2152+65.04 MATCH LINE

5

5

IH 94

2130

2135

REC. INLET

2140

PT: 2139+60.94

2145

2150

S59°

362

ROBINSON

I 94

PI: 2131+59.70

PI STA = 2131+59.70
Y = 61541.857
X = 139622.827
DELTA = 11°42'10"
D = 0°30'00"
T = 1174.37'
L = 2340.57'
R = 11459.15'
PC STA = 2119+85.33
PT STA = 2139+60.94

SE = RC
RO = 200'

EQUATION

STA BACK = 2143+25.90
STA AHEAD = 2139+60.94

EIDSMOE RD.

BP: 13+60

RAILROAD ST.

STA. 2136+75 LT. E.B.
CLEAN PIPE
AEW CULVERT PIPE SALVAGED 24-INCH
1 JOINT SEPARATED
JOINT TIES REQUIRED

MATCH LINE

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET - EAST BOUND	SHEET 143	E

5

EP: 26+66.35

CTH O

STA. 2157+31.5 IH 94 EB
STA. 20'C'+00 CTH O

POST 1
STA. 2152+93 LT.
6.6' CENTER OF POST

B-27-60

B-27-59

PC: 2175+88.84

PI: 2179+78.96

2155 2160 2165 2170 2175 2180

2182+15.04 MATCH LINE

N

O'GUY

PI STA = 2179+78.96
Y = 58925.309
X = 144107.756
DELTA = 1°18'01"
D = 0°10'00"
T = 390.12'
L = 780.21'
R = 34377.48'
PC STA = 2175+88.84
PT STA = 2183+79.00

SE = NONE

STA. 2156+50 RT.
INLET 2X2, WITH TYPE V COVER
CONNECT TO EXISTING DOWN DRAIN
CLEAN DITCH AT OUTFALL ALONG
CTH O

POST 1
STA. 2154+93.5 RT.
36.6' CENTER OF POST

STA. 2157+75 RT. E.B.
2 AEW CULVERT PIPES SAVAGED 24-INCH
1 CULVER PIPE SALVAGED 24-INCH
3 JOINTS SEPARATED
JOINT TIES REQUIRED

EPSTEIN RD.

2152+65.04 MATCH LINE

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET - EAST BOUND	SHEET 144	E

2182+15.04 MATCH LINE

2211+75.00 MATCH LINE

5

5

N

CRANMORE RD.

I 94

PT: 2183+79.00

REC. INLEY

REC. INLET

2185 2190 2195 2200 S58° 26' 24"E 2205 2210

4520.39'

STA BACK = 2183+69.05

STA AHEAD = 2183+79.00

EQUATION

STA. 2192+00
CLEAN CULVERT PIPE

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET - EAST BOUND	SHEET 145	E

5

5

2215 2220 2225 2230 2235 2240

PC: 2228+99.39

PI: 2236+02.38

Wet 2 M

Wet 3 M

Wet 4 M

Wet 4 RPF

RAIL ROAD ST.

CRANMORE RD.

I 94

PI STA = 2236+02.38
Y = 55987.253
X = 148890.972
DELTA = 10°30'54"
D = 0°45'00"
T = 702.98'
L = 1402.02'
R = 7639.44'
PC STA = 2228+99.39
PT STA = 2243+01.41
SE = 0.028'/'
RO = 200'

STA. 2226+25 RT. & LT.
CLEAN ENDWALLS

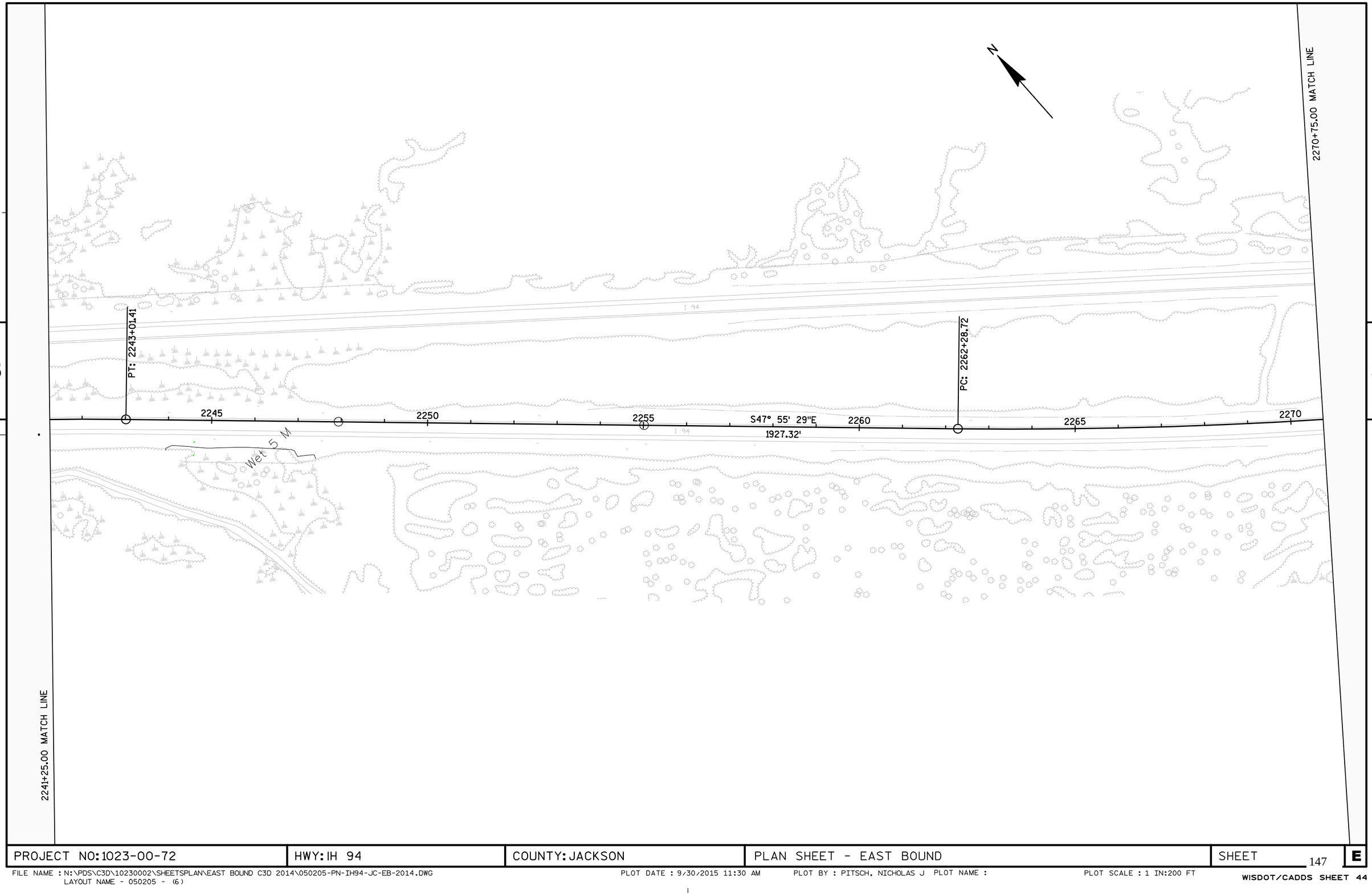
STA. 2233+00 RT.
CLEAN ENDWALLS

2211+75.00 MATCH LINE

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET - EAST BOUND	SHEET 146	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\050205-PN-IH94-JC-EB-2014.DWG
LAYOUT NAME - 050205 - (5)

PLOT DATE : 9/30/2015 11:30 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT



PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET - EAST BOUND	SHEET 147	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\050205-PN-IH94-JC-EB-2014.DWG
LAYOUT NAME - 050205 - (6)

PLOT DATE : 9/30/2015 11:30 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

5

2300+17.98 MATCH LINE

I 94

Wet 6 M

Wet 9 M

Wet 8 M

Wet 7 M

2275 2280 2285 2290 2295 2300

PT: 2291+71.96

PI: 2277+12.05

PI STA = 2277+12.05
Y = 53230.694
X = 151944.379
DELTA = 14°45'04"
D = 0°30'00"
T = 1483.33'
L = 2950.25'
R = 11459.16'
PC STA = 2262+28.72
PT STA = 2291+71.96
SE = R.C.
RO = 200'

EQUATION

STA BACK = 2291+78.98
STA AHEAD = 2291+71.96

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET - EAST BOUND	SHEET 148 E

2329+67.98 MATCH LINE

5

N

SENSITIVE WORK ZONE

Wet 11 M

Wet 12 M

2305 2310 S62° 40' 34"E 2315 2320 2325

4805.15'

Wet 10 M

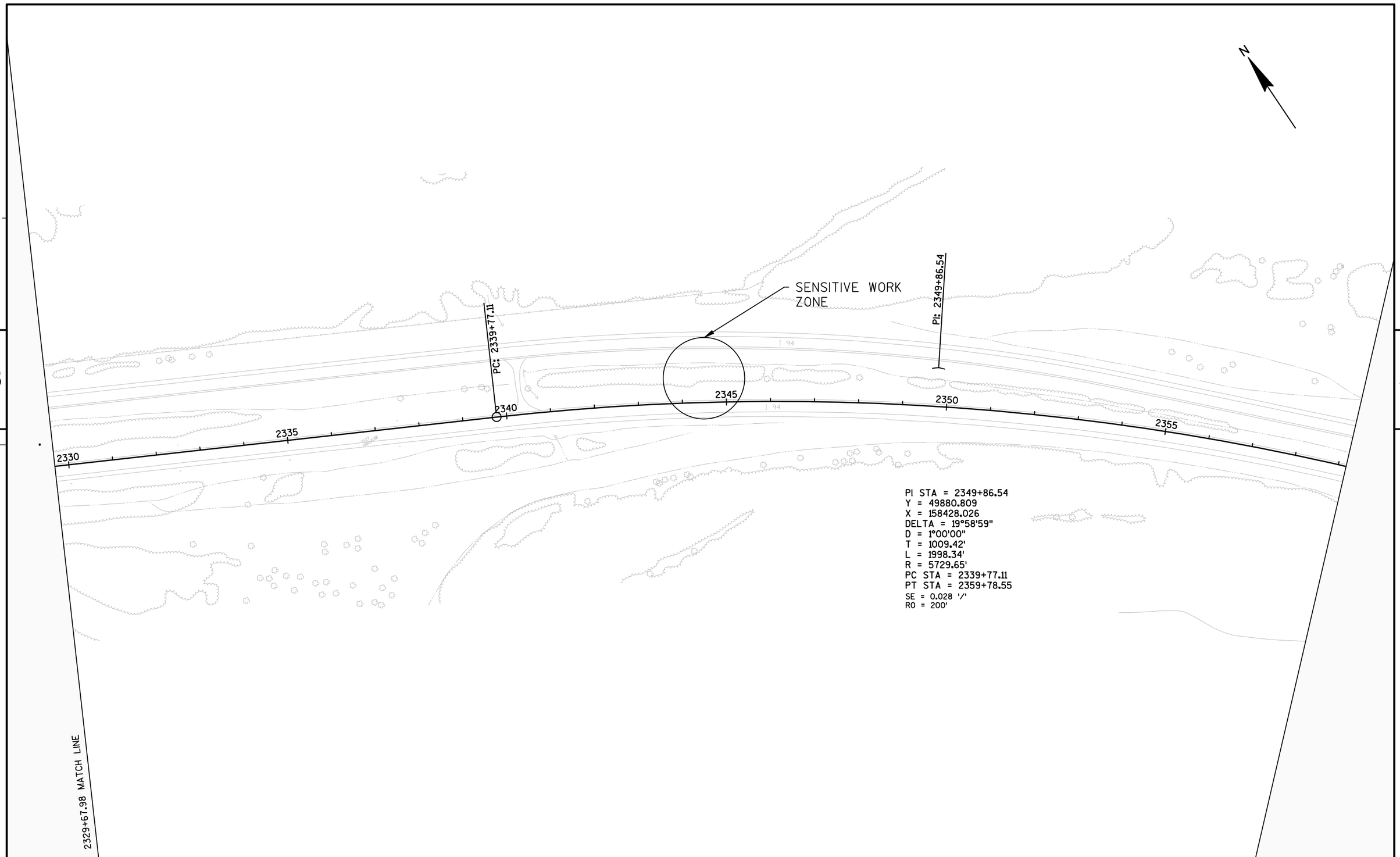
5

2300+17.98 MATCH LINE

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET - EAST BOUND	SHEET 149	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\050205-PN-IH94-JC-EB-2014.DWG
LAYOUT NAME - 050205 - (8)

PLOT DATE : 9/30/2015 11:30 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT



PI STA = 2349+86.54
Y = 49880.809
X = 158428.026
DELTA = 19°58'59"
D = 1°00'00"
T = 1009.42'
L = 1998.34'
R = 5729.65'
PC STA = 2339+77.11
PT STA = 2359+78.55
SE = 0.028 '/'
RO = 200'

5

5

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET - EAST BOUND	SHEET 150	E

COUNTY LINE 2372+92.34
END PROJECT: 1023-00-72

2388+71.08 MATCH LINE

N

PT: 2359+78.55

PI: 2372+31.29

PC: 2379+00.19

2360 2365 S42° 41' 35"E 2370 2375 2380 2385

1252.74'

I 94

Wet 13 M

STA BACK = 2359+75.45
STA AHEAD = 2359+78.55

EQUATION

STA. 2362+00 RT. E.B.
EXTEND PIPE
1 - 30" C.P.R.C. CLASS IV
AEW CULVERT PIPE SALAVAGED 30-INCH
1 JOINT SEPARATED
JOINT TIES REQUIRED

2359+17.98 MATCH LINE

5

5

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET - EAST BOUND	SHEET 151	E

BEGIN PROJECT 1023-00-80
STA. 2137+61

PI STA = 2132+06.54
Y = 61556.841
X = 139718.598
DELTA = 15°33'15"
D = 0°45'00"
T = 1043.37'
L = 2073.90'
R = 7639.44'
PC STA = 2121+63.18
PT STA = 2139+04.00
SE=0.021'/'

2153+76.92 MATCH LINE

N

PT: 2139+04.00

STA BACK = 2142+37.08
STA AHEAD = 2139+04.00

EQUATION

PI: 2132+06.54

BP: 13+60.00

IH 94

2130 2135 2140 2145 2150

ROBINSON

EIDSMOE RD.

CTH "O"

RAILROAD ST.

5 5

PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET - WEST BOUND	SHEET 152 E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\WEST BOUND 1023-00-10(80)\WEST BOUND C3D 2014\050206-PN-IH94-JC-WB-2014.DWG
LAYOUT NAME - 050206 - (2)

PLOT DATE : 9/30/2015 11:30 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2183+26.92 MATCH LINE

5

5

N

EP: 26+66.35

C
H
0
25

20

15

B-27-60

B-27-59

2155 2160 2165 2170 2175 2180

S89° 43' 10"E
8594.91'

STR. 2157+98.75 =
STA. 20'C'+70.62

EPSTEIN RD.

2153+76.92 MATCH LINE

PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET - WEST BOUND	SHEET 153 E

2212+76.92 MATCH LINE

5

N

CRANMORE RD.

CRANMORE RD.

2185 2190 2195 2200 2205 2210

I 94

I 94

2183+26.92 MATCH LINE

5

PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET - WEST BOUND	SHEET 154	E

STA. 2227+21 LT.
PLACE RIPRAP LIGHT
CLEAN DITCH

N

PC: 2224+98.91

PI: 2233+50.81

PI STA = 2233+50.81
Y = 56267.339
X = 148777.572
DELTA = 8°30'12"
D = 0°30'00"
T = 851.91'
L = 1700.68'
R = 11459.16'
PC STA = 2224+98.91
PT STA = 2241+99.59

PT: 2241+99.59

2242+26.92 MATCH LINE

2215 2220 2225 2230 2235 2240

SE=0.02'/'
RO=200'

I 94

I 94

RAILROAD ST

2212+76.92 MATCH LINE

5

5

PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET - WEST BOUND	SHEET 155	E

STA.2244+35 LT. & RT.
CLEAN DITCH

N

2271+76.92 MATCH LINE

2242+26.92 MATCH LINE

5

5

2245 2250 S51° 12' 58"E 2255 2260 2265 2270

3531.20'

I 94

I 94

PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET - WEST BOUND	SHEET 156	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\WEST BOUND 1023-00-10(80)\WEST BOUND C3D 2014\050206-PN-IH94-JC-WB-2014.DWG
LAYOUT NAME - 050206 - (6)

PLOT DATE : 9/30/2015 11:31 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

STA. 2275+00 LT & RT.
2-30" PIPE
CLEAN DITCHES

STA. 2299+00 LT. W.B.
AEW CULVERT PIPE SALVAGED 24-INCH
1 JOINT SEPARATED
JOINT TIES REQUIRED
CLEAN PIPE
CLEAN DITCH LT. & RT.

2301+26.92 MATCH LINE

N

PC: 2277+30.79

PI STA = 2288+59.82
Y = 52814.619
X = 153074.362
DELTA = 11°15'14"
D = 0°30'00"
T = 1129.03'
L = 2250.80'
R = 11459.16'
PC STA = 2277+30.79
PT STA = 2299+81.59

PT: 2299+81.59

2275 2280 2285 2290 2295 2300

SE=0.02'/'
RO=200'

PI: 2288+59.82

I 94

2271+76.92 MATCH LINE

PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET - WEST BOUND	SHEET 157 E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\WEST BOUND 1023-00-10(80)\WEST BOUND C3D 2014\050206-PN-IH94-JC-WB-2014.DWG
LAYOUT NAME - 050206 - (7)
PLOT DATE : 9/30/2015 11:31 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME :
PLOT SCALE : 1 IN:200 FT

2330+76.92 MATCH LINE

5

N

2305 2310 I 94 2315 S62° 28' 12"E 2320 2325 I 94 2330

3990.63'

I 94

I 94

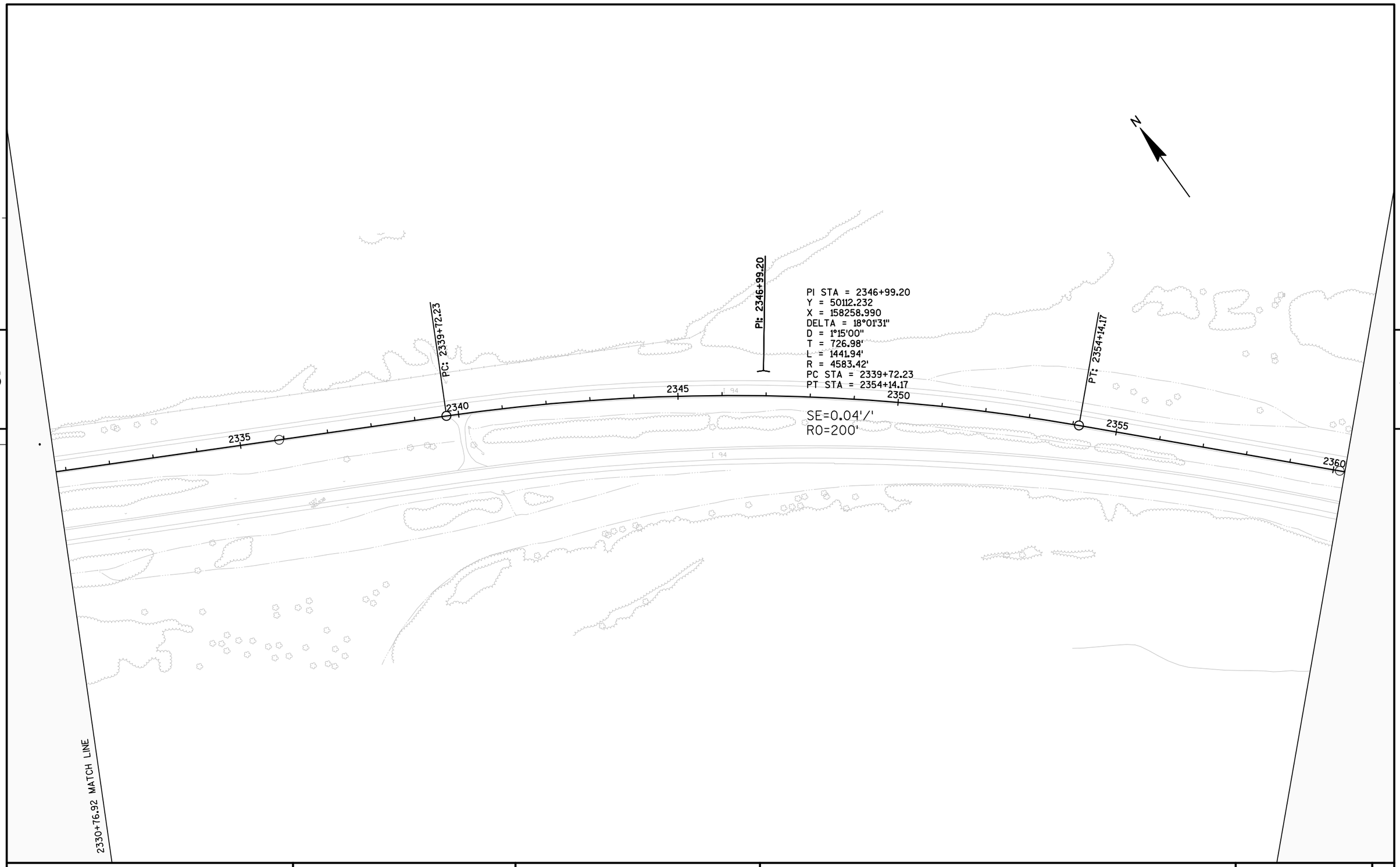
2301+26.92 MATCH LINE

5

PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET - WEST BOUND	SHEET 158	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\WEST BOUND 1023-00-10 (80)\WEST BOUND C3D 2014\050206-PN-IH94-JC-WB-2014.DWG
LAYOUT NAME - 050206 - (8)

PLOT DATE : 9/30/2015 11:31 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT



5

5

PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET - WEST BOUND	SHEET 159	E

COUNTY LINE 2374+11.98
END PROJ: 1023-00-80

N

EP: 2374+11.98

S44° 26' 41"E
1997.81'

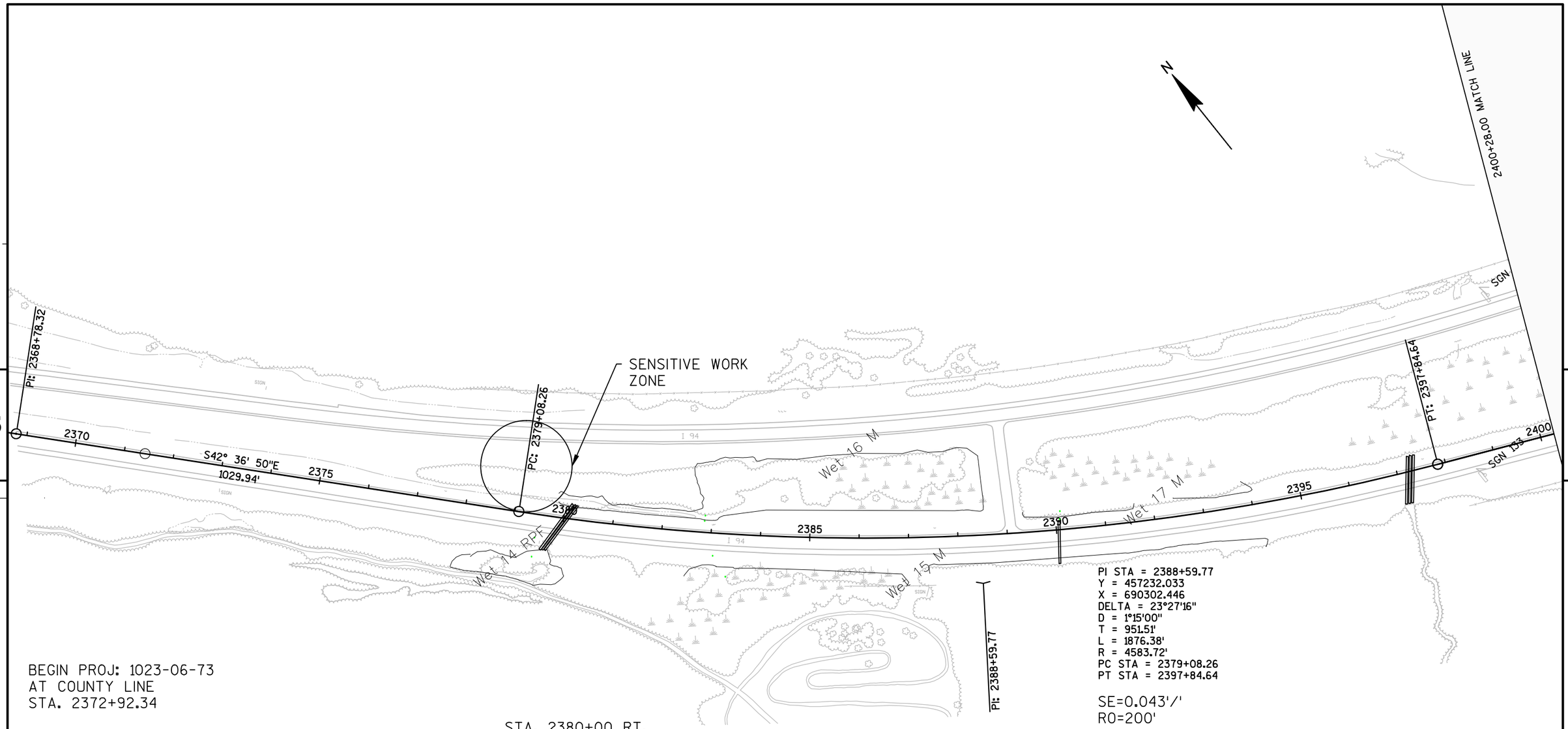
2365 2370 2374

I 94

2360+26.92 MATCH LINE

5 5

PROJECT NO: 1023-00-80	HWY: IH 94	COUNTY: JACKSON	PLAN SHEET - WEST BOUND	SHEET 160 E



5

5

PI STA = 2388+59.77
Y = 457232.033
X = 690302.446
DELTA = 23°27'16"
D = 1°15'00"
T = 951.51'
L = 1876.38'
R = 4583.72'
PC STA = 2379+08.26
PT STA = 2397+84.64

SE=0.043'/'
RO=200'

BEGIN PROJ: 1023-06-73
AT COUNTY LINE
STA. 2372+92.34

STA. 2380+00 RT.
3-36-INCH PIPES
REPLACE CONCRETE MASONRY ENDWALL

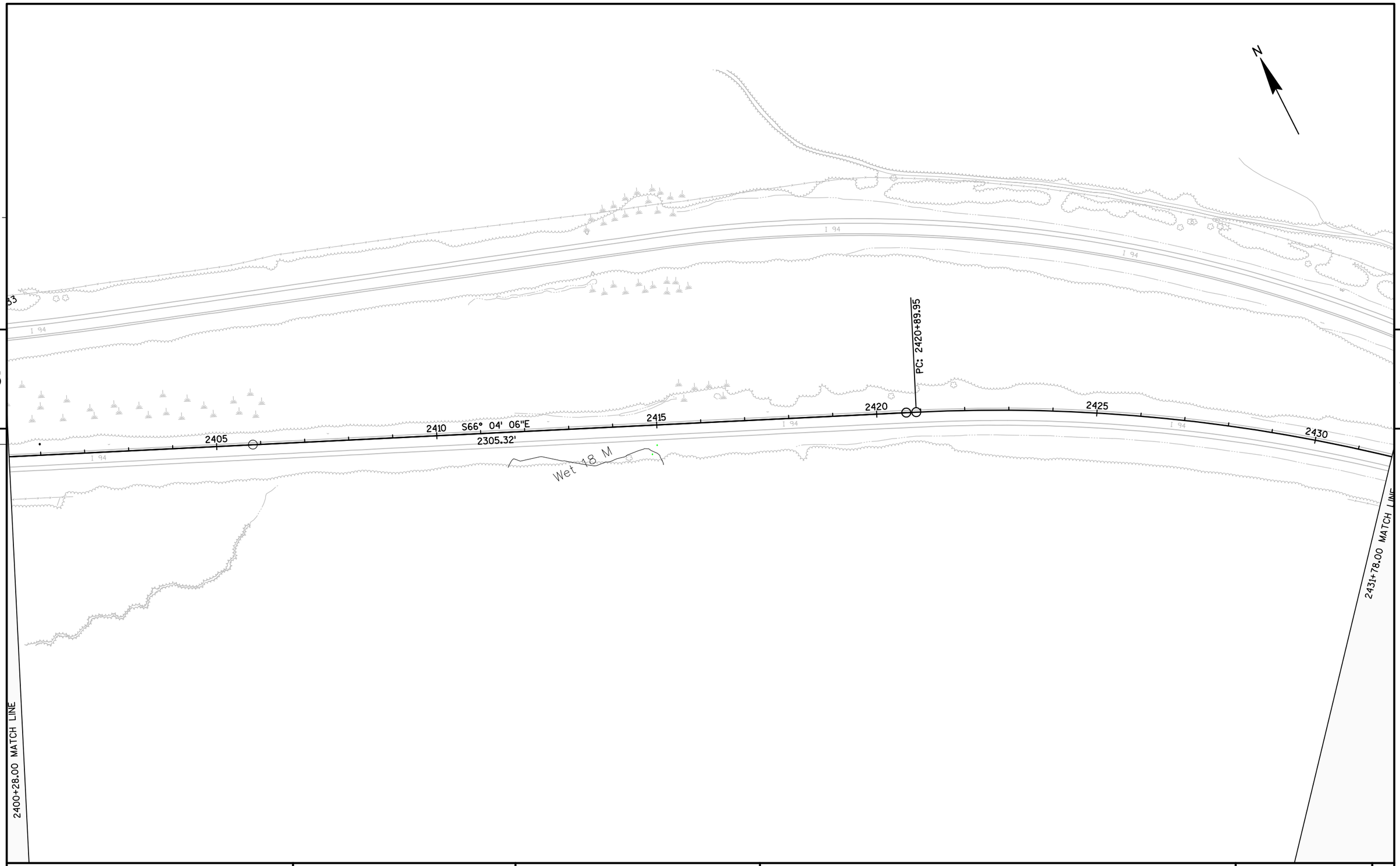
STA. 2380+00 LT.
3-36-INCH PIPES
EXTEND PIPES 1 SECTION EACH
CONSTRUCT NEW CONCRETE MASONRY ENDWALL
EXISTING ENDWALL TO REMAIN IN PLACE
PLACE FILL BETWEEN ENDWALLS

STA 2390+00 LT
EXTEND 1 PIPE
AEW CULVERT PIPE SALVAGED
JOINT TIES REQUIRED

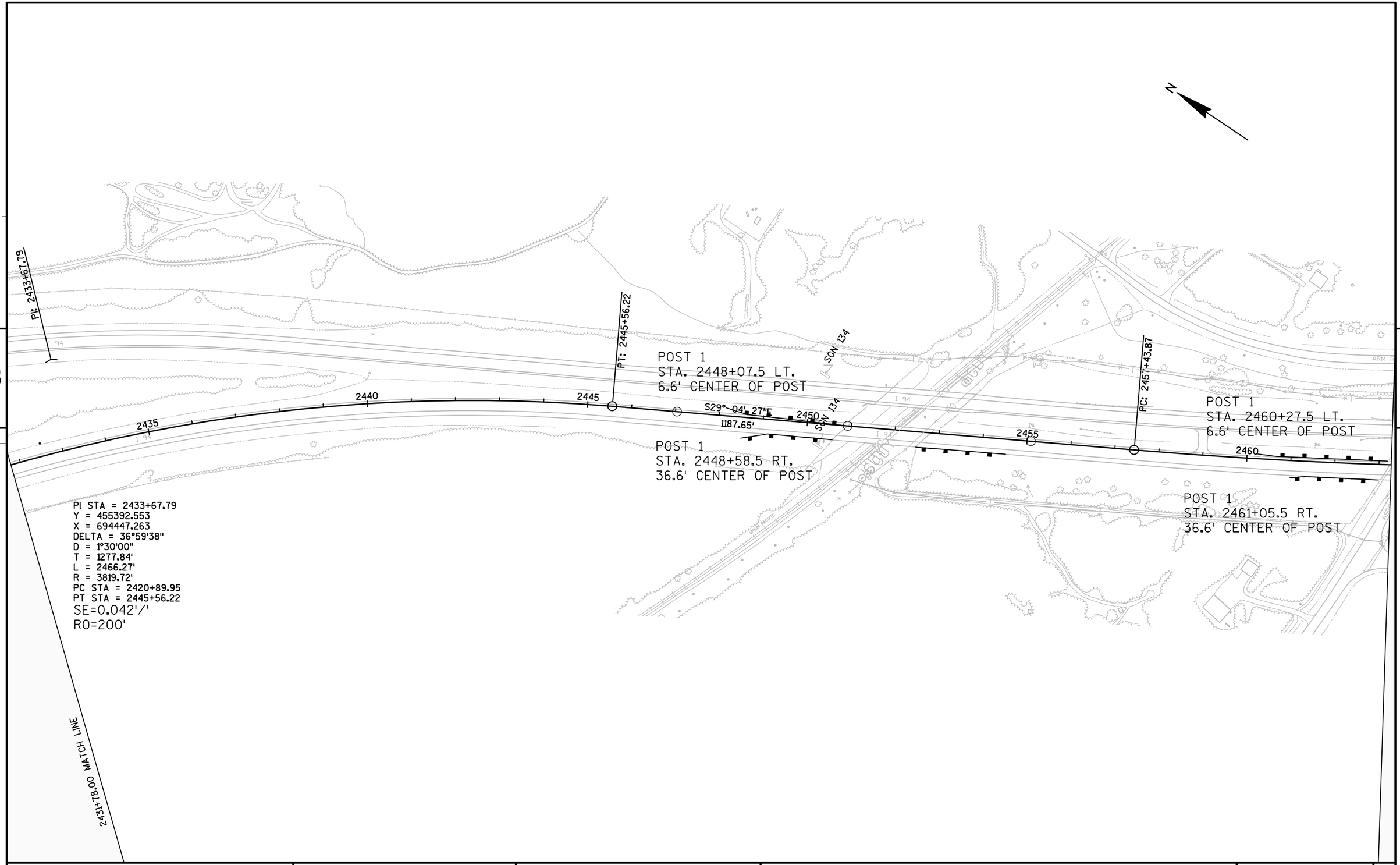
STA 2390+00 RT.
AEW CULVERT PIPE SALVAGED

STA. 2397+25 LT.
3-42-INCH PIPES
EXTEND PIPES 1 SECTION EACH
CONSTRUCT NEW CONCRETE MASONRY ENDWALL
EXISTING ENDWALL TO REMAIN IN PLACE
PLACE FILL BETWEEN ENDWALLS

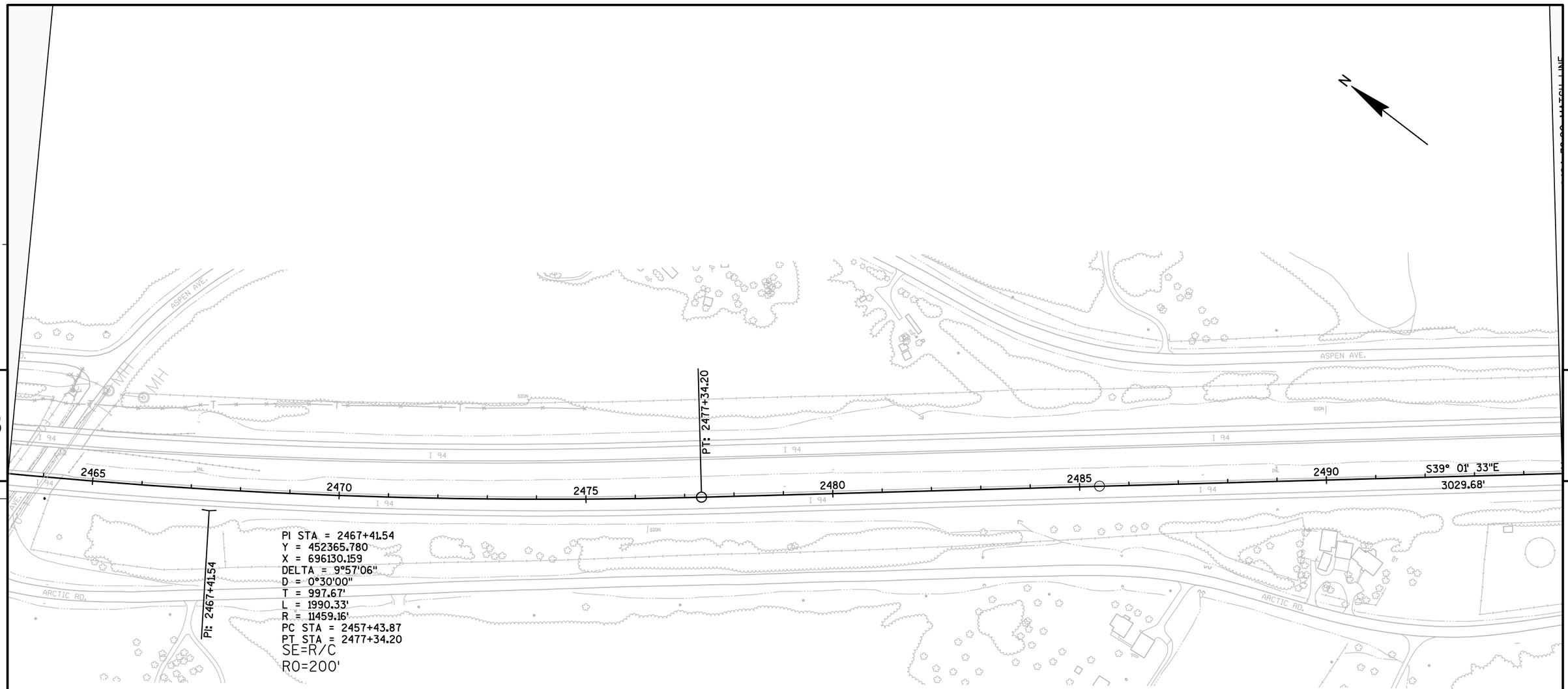
PROJECT NO:1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN SHEET - EAST BOUND	SHEET 161	E



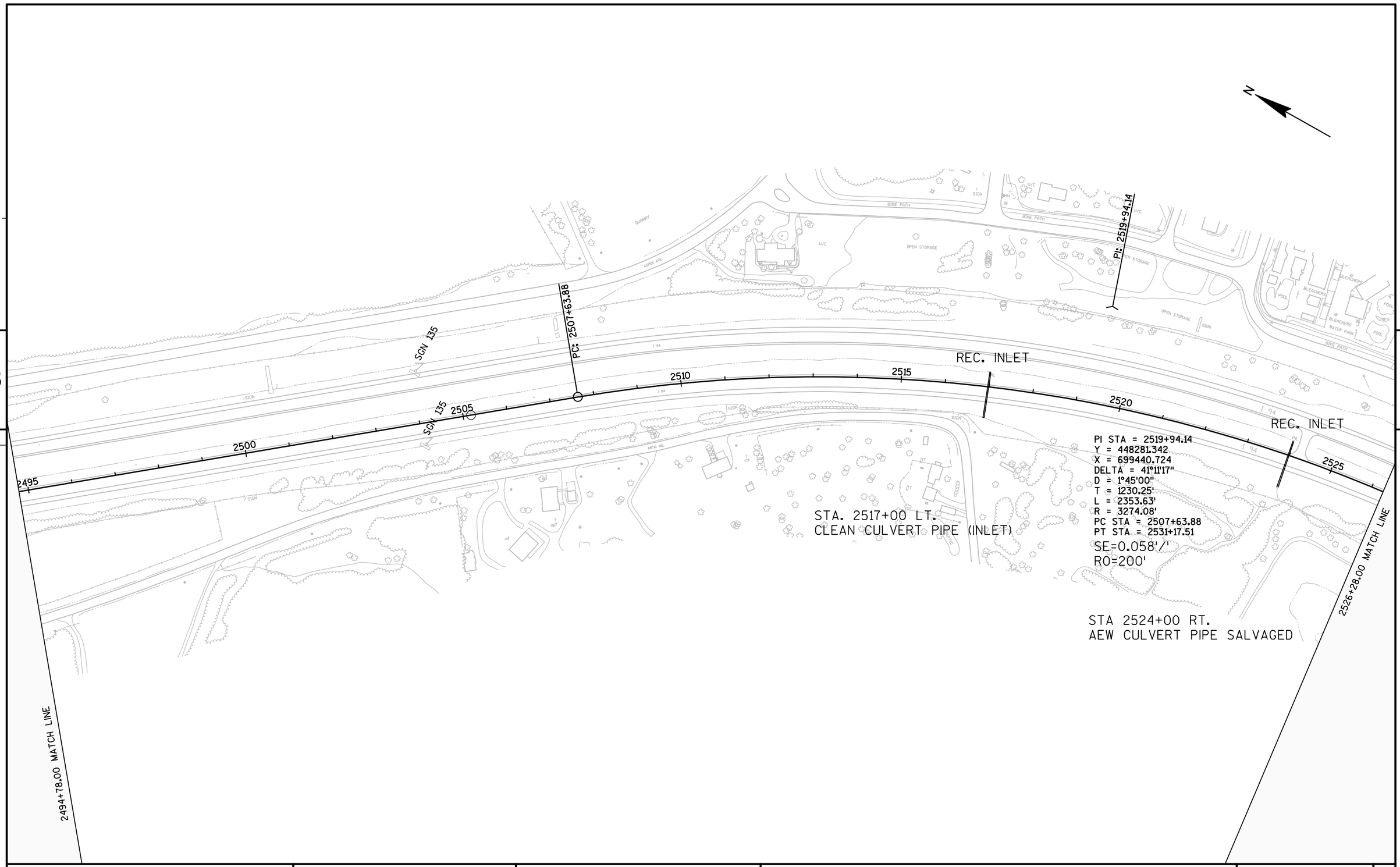
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN SHEET - EAST BOUND	SHEET 162	E



PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN SHEET - EAST BOUND	SHEET 163 E



PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN SHEET - EAST BOUND	SHEET 164	E



PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN SHEET - EAST BOUND	SHEET 165 E

5

5

PT: 2531+17.51

2530

2535

2540

S2° 09' 44"W
2606.55'

2545

2550

2555

EP: 27+73.85

C T H "O" W

25

PT: 23+57.66

20

15

SGN 136

SGN 136

PC: 2557+24.06

REC. INLET

REC. INLET

PC: 18+27.65

CURB AND GUTTER IS BEING
CHANGED TO ACCOMMODATE
MGS EAT ON THE "H" RAMP
POST 1 STA. 2546+12.5 RT.

POST 1 STA. 2545+17.5 LT.
6.6' CENTER OF POST

"G" RAMP

"H" RAMP

Wet 19 M

40'G'+70

2526+28.00 MATCH LINE

STA. 40'G'+70 RT. & LT.
CULVERT PIPE SALVAGED 48-INCH
2 JOINT SEPARATED
AEW CULVERT PIPE SALVAGED 48-INCH
JOINT TIES REQUIRED

STA. 2541+00 RT.
CULVERT PIPE SALVAGED 48-INCH
2 JOINT SEPARATED
AEW CULVERT PIPE SALVAGED 48-INCH
JOINT TIES REQUIRED

STA. 48'G'+50 LT.
REPLACE 3 60-INCH PIPES AND 1 AEW
STA. 48'G'+50 RT.
CULVERT PIPE SALVAGED 60-INCH
2 JOINTS SEPARATED
AEW CULVERT PIPE SALVAGED 60-INCH
JOINT TIES REQUIRED

STA. 2557+00RT.
AEW CULVERT PIPE SALVAGED 18-INCH
JOINT TIES REQUIRED
CLEAN CULVERT PIPE

STA. 2546+00 RT.
CULVERT PIPE SALVAGED 60-INCH
2 JOINT SEPARATED
AEW CULVERT PIPE SALVAGED 60-INCH
JOINT TIES REQUIRED
REPAIR INVERT, SEE DETAIL
PAID AS CONCRETE MASONRY CULVERTS HES

BLANEY RD.

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN SHEET - EAST BOUND	SHEET 166	E

N

5

5

PT: 2570+93.66

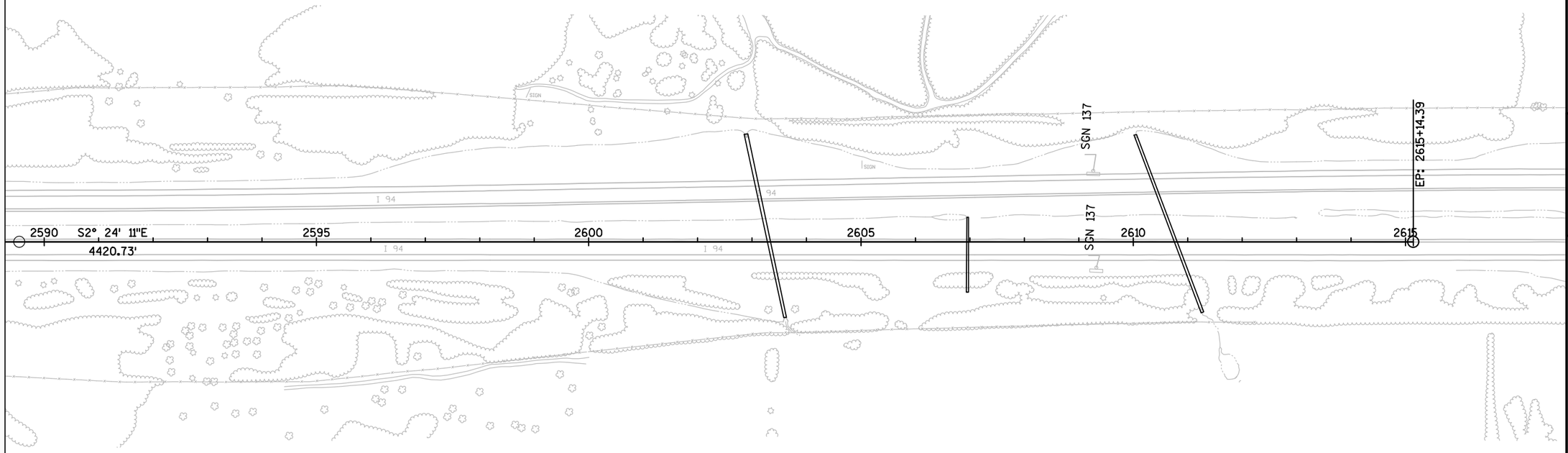
2560 2565 2570 2575 2580 2585

PI: 2564+09.22

PI STA = 2564+09.22
Y = 443762.593
X = 699270.121
DELTA = 4°33'55"
D = 0°20'00"
T = 685.16'
L = 1369.60'
R = 17188.95'
PC STA = 2557+24.06
PT STA = 2570+93.66
SE=R/C
RO=200'

STA. 2578+00 RT.
CULVERT PIPE SALVAGED 36-INCH
2 JOINTS SEPARATED
REMOVE AEW
EXTEND PIPE 1 SECTION
NEW AEW 36-INCH

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN SHEET - EAST BOUND	SHEET 167	E



STA. 2603+38
CULVERT PIPE SALVAGED 36-INCH
2 JOINTS SEPARATED
REMOVE AEW
EXTEND PIPE 1 SECTION
NEW AEW 36-INCH

STA. 2607+00
CULVERT PIPE SALVAGED 18-INCH
2 JOINTS SEPARATED
REMOVE AEW
EXTEND PIPE 1 SECTION
NEW AEW 18-INCH

END PROJECT STA. 2614+00

STA. 2611+00
CULVERT PIPE SALVAGED 30-INCH
2 JOINTS SEPARATED
REMOVE AEW
EXTEND PIPE 1 SECTION
NEW AEW 30-INCH

2589+28.00 MATCH LINE

5

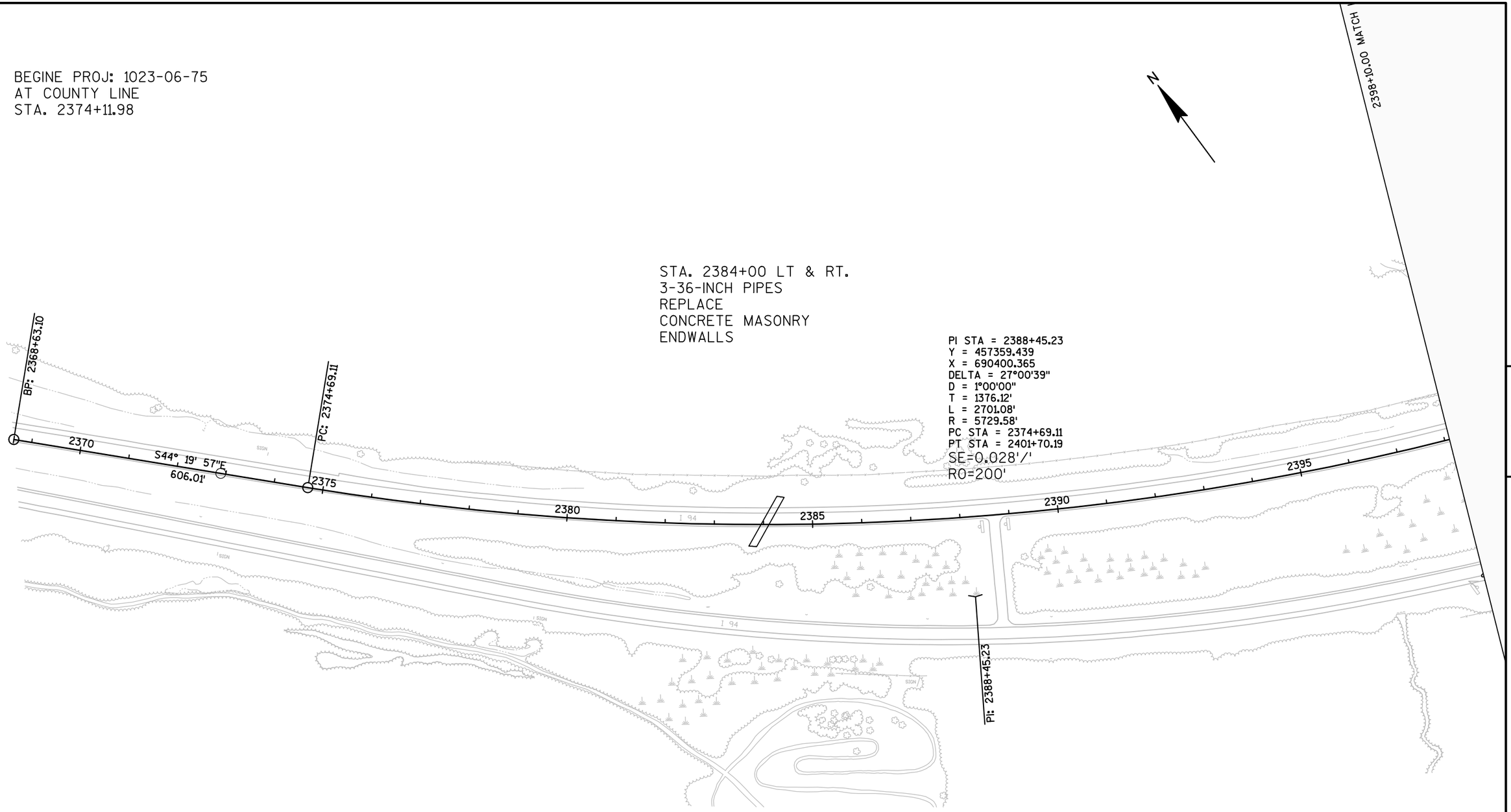
5

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN SHEET - EAST BOUND	SHEET 168	E

BEGINE PROJ: 1023-06-75
AT COUNTY LINE
STA. 2374+11.98

STA. 2384+00 LT & RT.
3-36-INCH PIPES
REPLACE
CONCRETE MASONRY
ENDWALLS

PI STA = 2388+45.23
Y = 457359.439
X = 690400.365
DELTA = 27°00'39"
D = 1°00'00"
T = 1376.12'
L = 2701.08'
R = 5729.58'
PC STA = 2374+69.11
PT STA = 2401+70.19
SE=0.028'/'
R0=200'



5

5

PROJECT NO:1023-06-75	HWY: IH 94	COUNTY: MONROE	PLAN SHEET - WEST BOUND	SHEET 169	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\WEST BOUND C3D 2014\050207-PN-IH94-MC-WB-2014.DWG
LAYOUT NAME - 050207 - (1)

PLOT DATE : 9/30/2015 11:32 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

STA. 2397+25 RT. & LT.
3-30-INCH PIPES
REPLACE CONCRETE
MASONRY ENDWALLS

N

PT: 2401+70.19

PC: 2414+57.36

PI: 2427+24.63

SENSITIVE WORK ZONE

SGN 133

2400 2405 2410 2415 2420 2425

S71° 20' 36"E
1287.17'

I 94

2398+10.00 MATCH LINE

2427+60.00 MATCH LINE

5

5

PROJECT NO: 1023-06-75	HWY: IH 94	COUNTY: MONROE	PLAN SHEET - WEST BOUND	SHEET 170	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\WEST BOUND C3D 2014\050207-PN-IH94-MC-WB-2014.DWG
LAYOUT NAME - 050207 - (2)

PLOT DATE : 9/30/2015 11:32 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

STA. 2430+00 RT.
AEW CULVERT PIPE SALVAGED 24-INCH
2 AEW

STA. 2440+00 LT.
CULVERT PIPE SALVAGED 24-INCH
2 JOINTS SEPARATED
AEW CULVERT PIPE SALVAGED 24-INCH
JOINT TIES REQUIRED
STA. 2440+00 RT.
REMOVE AND REPLACE AEW 24-INCH

N

2455+98.84 MATCH LINE

SENSITIVE WORK ZONE

PI STA = 2427+24.63
Y = 456102.072
X = 694124.384
DELTA = 42°19'10"
D = 1°45'00"
T = 1267.27'
L = 2418.25'
R = 3274.04'
PC STA = 2414+57.36
PT STA = 2437+64.45
SE=0.049'/'
RO=200'

PT: 2437+64.45

2435 2440 2445 2450 2455

S29° 01' 26"E
1840.91'

EQUATION

STA BACK = 2438+75.61
STA AHEAD = 2437+64.45

SGN 134

B-41-63

B-41-62

I 94

UNION PACIFIC

2427+60.00 MATCH LINE

5 5

PROJECT NO:1023-06-75	HWY: IH 94	COUNTY: MONROE	PLAN SHEET - WEST BOUND	SHEET 171	E

STA. 2461+50 LT.
CULVERT PIPE SALVAGED 18-INCH
2 JOINTS SEPARATED
AEW CULVERT PIPE SALVAGED 18-INCH
JOINT TIES REQUIRED

STA. 2467+00 LT.
CULVERT PIPE SALVAGED 18-INCH
2 JOINTS SEPARATED
AEW CULVERT PIPE SALVAGED 18-INCH
JOINT TIES REQUIRED

STA. 2480+00 RT. & LT.
CULVERT PIPE SALVAGED 18-INCH
2 JOINTS SEPARATED
AEW CULVERT PIPE SALVAGED 18-INCH
JOINT TIES REQUIRED

PI STA = 2466+07.88
Y = 452507.610
X = 696118.796
DELTA = 9°59'59"
D = 0°30'00"
T = 1002.51'
L = 1999.94'
R = 11459.16'
PC STA = 2456+05.36
PT STA = 2476+05.30
SE=0.02'/'
R0=200'

PC: 2456+05.36
PT: 2476+05.30
PI: 2466+07.88

B-41-65
B-41-64

2460
2465
2470
2475
2480
2485

ARM RD.
ASPEN AVE.
ARCTIC RD.
I 94
SIGN
MH

2485+48.84 MATCH LINE
2451+50.00 MATCH LINE

5
5

PROJECT NO: 1023-06-75	HWY: IH 94	COUNTY: MONROE	PLAN SHEET - WEST BOUND	SHEET 172	E

5

5

N

ASPEN AVE.

SIGN

SGN 135

PC: 2507+47.19

2490

S39° 01' 25"E

3141.89'

2495

2500

2505

2510

I 94

IN

QUARRY

BIKE PATH

W/C

ARCTIC RD.

2514+98.84 MATCH LINE

2485+48.84 MATCH LINE

PROJECT NO: 1023-06-75	HWY: IH 94	COUNTY: MONROE	PLAN SHEET - WEST BOUND	SHEET 173 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\WEST BOUND C3D 2014\050207-PN-IH94-MC-WB-2014.DWG
LAYOUT NAME - 050207 - (5)

PLOT DATE : 9/30/2015 11:32 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

N

s15

STA. 2541+00 LT.
CULVERT PIPE SALVAGED 48-INCH
2 JOINTS SEPARATED
AEW CULVERT PIPE SALVAGED 48-INCH
JOINT TIES REQUIRED

PI: 2519+77.66

SE=0.049'/'
R0=200'

PI STA = 2519+77.66
Y = 448331.952
X = 699503.038
DELTA = 41°11'40"
D = 1°45'00"
T = 1230.47'
L = 2354.00'
R = 3274.09'
PC STA = 2507+47.19
PT STA = 2531+01.19

PT: 2531+01.19

2520 2525 2530 2535 2540

S2° 10' 15"W
2647.72'

STA BACK = 2531+70.92
STA AHEAD = 2531+18.32

EQUATION

2543+96.24

2514+98.84 MATCH LINE

5 5

PROJECT NO: 1023-06-75	HWY: IH 94	COUNTY: MONROE	PLAN SHEET - WEST BOUND	SHEET 174	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\WEST BOUND C3D 2014\050207-PN-IH94-MC-WB-2014.DWG
LAYOUT NAME - 050207 - (6)

PLOT DATE : 9/30/2015 11:32 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

STA. 2549+80 LT.
CULVERT PIPE SALVAGED 18-INCH
2 JOINTS SEPARATED
AEW CULVERT PIPE SALVAGED 18-INCH
JOINT TIES REQUIRED

STA. 2546+00 LT.
CULVERT PIPE SALVAGED 60-INCH
2 JOINTS SEPARATED
AEW CULVERT PIPE SALVAGED 60-INCH
JOINT TIES REQUIRED

STA. 2570+50 LT.
CULVERT PIPE SALVAGED 18-INCH
2 JOINTS SEPARATED
AEW CULVERT PIPE SALVAGED 18-INCH
JOINT TIES REQUIRED

SE=0.02'/'
R0=200'
PI STA = 2563+79.55
Y = 443773.792
X = 699330.263
DELTA = 4°33'09"
D = 0°20'00"
T = 683.24'
L = 1365.76'
R = 17188.95'
PC STA = 2556+96.31
PT STA = 2571+10.60

2573+94.77 MATCH LINE

2543+96.24 MATCH LINE

CTH EW

SAN AVW

MH

SGN 136

PC: 2556+96.31

PT: 2571+10.60

PI: 2563+79.55

STA BACK = 2570+62.08
STA AHEAD = 2571+10.60

EQUATION

I 94

BLANEY RD.

2545 2550 2555 2560 2565 2570

5 5

PROJECT NO: 1023-06-75	HWY: IH 94	COUNTY: MONROE	PLAN SHEET - WEST BOUND	SHEET 175 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\WEST BOUND C3D 2014\050207-PN-IH94-MC-WB-2014.DWG
LAYOUT NAME - 050207 - (7)

PLOT DATE : 9/30/2015 11:32 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

STA. 2578+10 LYT.
CULVERT PIPE SALVAGED 36-INCH
2 JOINTS SEPARATED
AEW CULVERT PIPE SALVAGED 36-INCH
JOINT TIES REQUIRED

N

2603+44.77 MATCH LINE

STA. 2603+58 LYT.
CULVERT PIPE SALVAGED 36-INCH
2 JOINTS SEPARATED
AEW CULVERT PIPE SALVAGED 36-INCH
JOINT TIES REQUIRED

SE=0.02'/'
R0=200'
PI STA = 2593+37.80
Y = 440865.862
X = 699451.213
DELTA = 1°05'00"
D = 0°10'00"
T = 325.03'
L = 650.05'
R = 34377.48'
PC STA = 2590+12.77
PT STA = 2596+62.82

PC: 2590+12.77
PT: 2596+62.82
PI: 2593+37.80

2575 2580 S2° 22' 54"E 2585 2590 2595 2600 S3° 27' 55"E
1902.17' 1541.94'

I 94 SEPTIC SIGN INL

2573+94.77 MATCH LINE

5 5

PROJECT NO:1023-06-75	HWY: IH 94	COUNTY: MONROE	PLAN SHEET - WEST BOUND	SHEET 176 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\WEST BOUND C3D 2014\050207-PN-IH94-MC-WB-2014.DWG
LAYOUT NAME - 050207 - (8)
PLOT DATE : 9/30/2015 11:33 AM PLOT BY : PITSCH, NICHOLAS J PLOT NAME : PLOT SCALE : 1 IN:200 FT

END PROJECT
STA. 2614+00

N

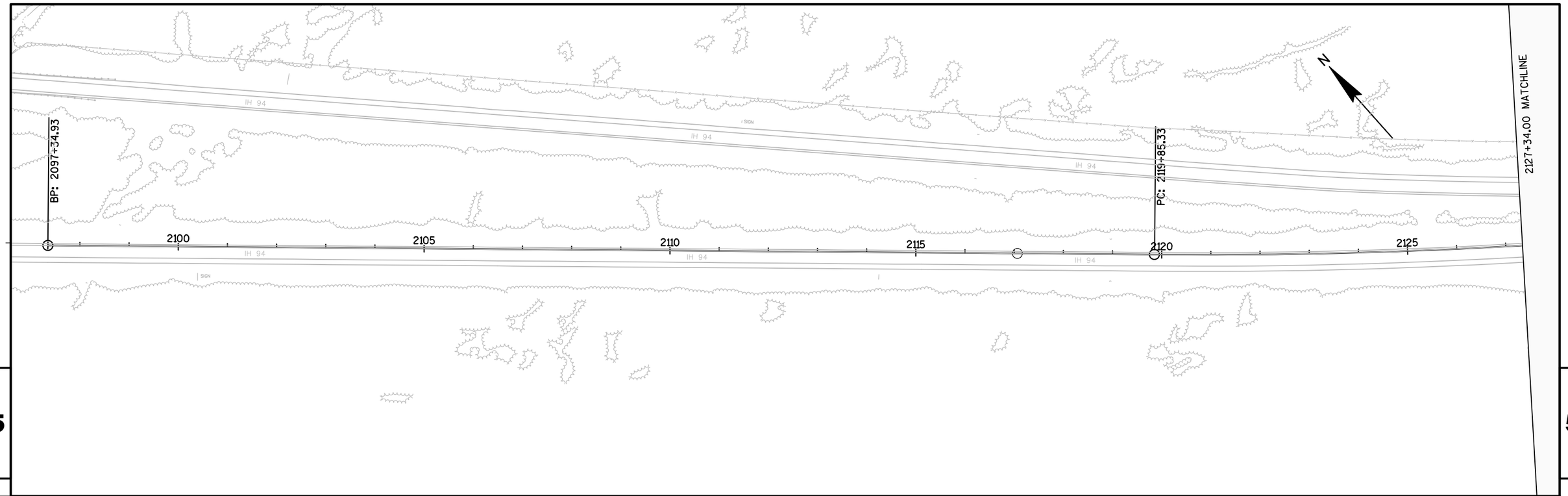
STA. 2610+85 LT.
CULVERT PIPE SALVAGED 30-INCH
2 JOINTS SEPARATED
AEW CULVERT PIPE SALVAGED 30-INCH
JOINT TIES REQUIRED

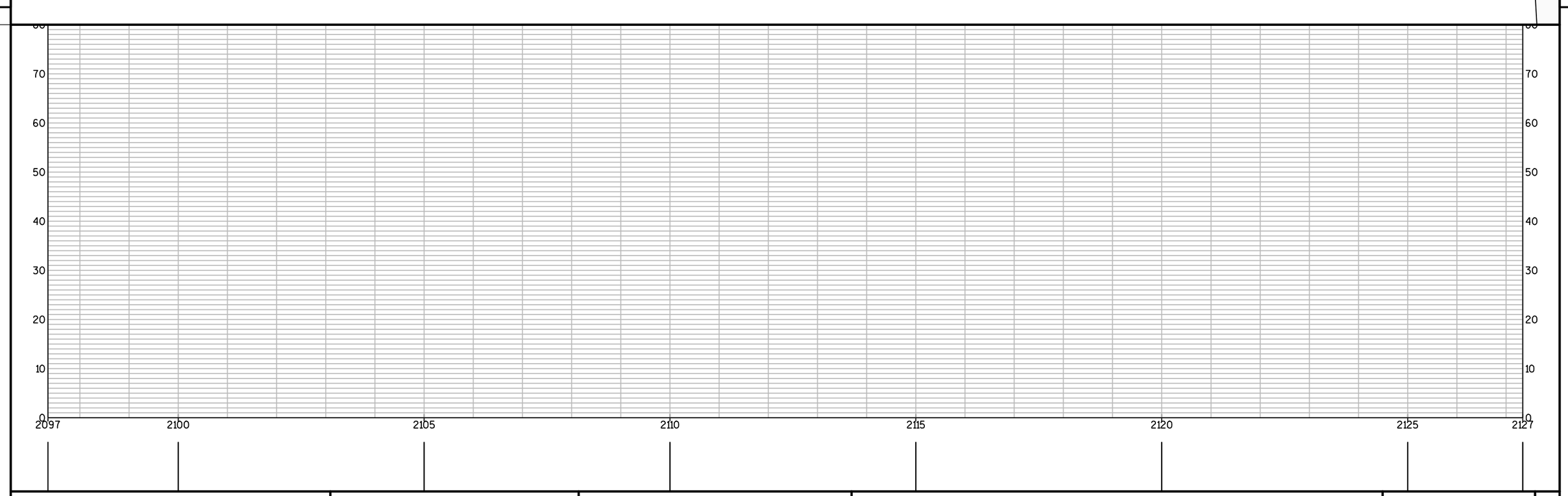
SE=0.02'/'
R0=200'
PI STA = 2615+17.35
Y = 438690.285
X = 699582.950
DELTA = 1°02'31"
D = 0°10'00"
T = 312.59'
L = 625.16'
R = 34377.48'
PC STA = 2612+04.76
PT STA = 2618+06.84

PC: 2612+04.76
PI: 2615+17.35
PT: 2618+06.84
EP: 2625+89.16
SGN 137
2605
2610
2615
2620
2625
2625
S2° 25' 24"E
782.32'
STA BACK = 2618+29.92
STA AHEAD = 2618+06.84
EQUATION
2603+44.77 MATCH LINE

5
5

PROJECT NO:1023-06-75	HWY: IH 94	COUNTY: MONROE	PLAN SHEET - WEST BOUND	SHEET 177	E

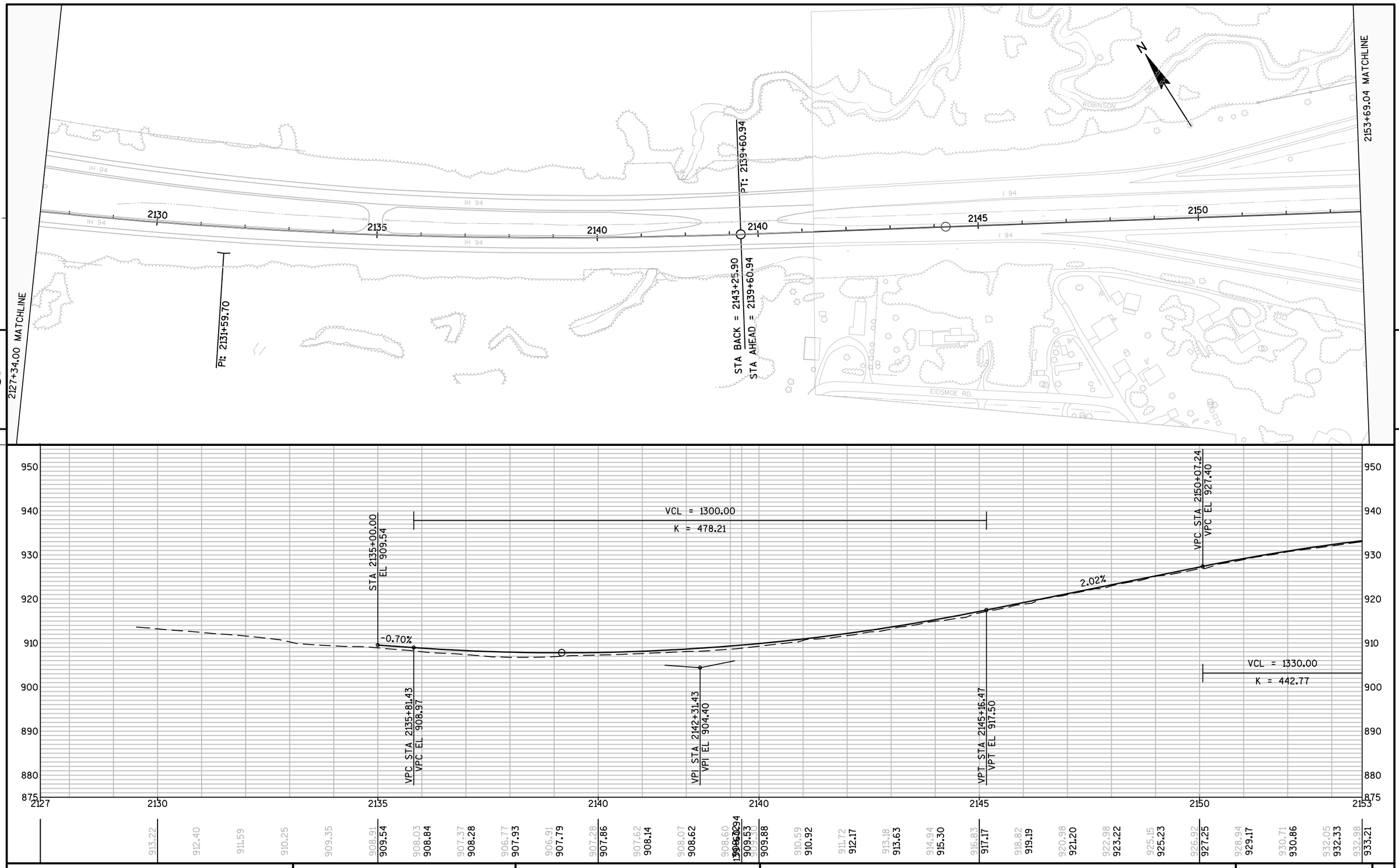




PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 178	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\050101-PP-IH94-JC-EB-V2.DWG
LAYOUT NAME - 050101 - (1)

PLOT DATE : 10/8/2014 4:39 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:200 FT

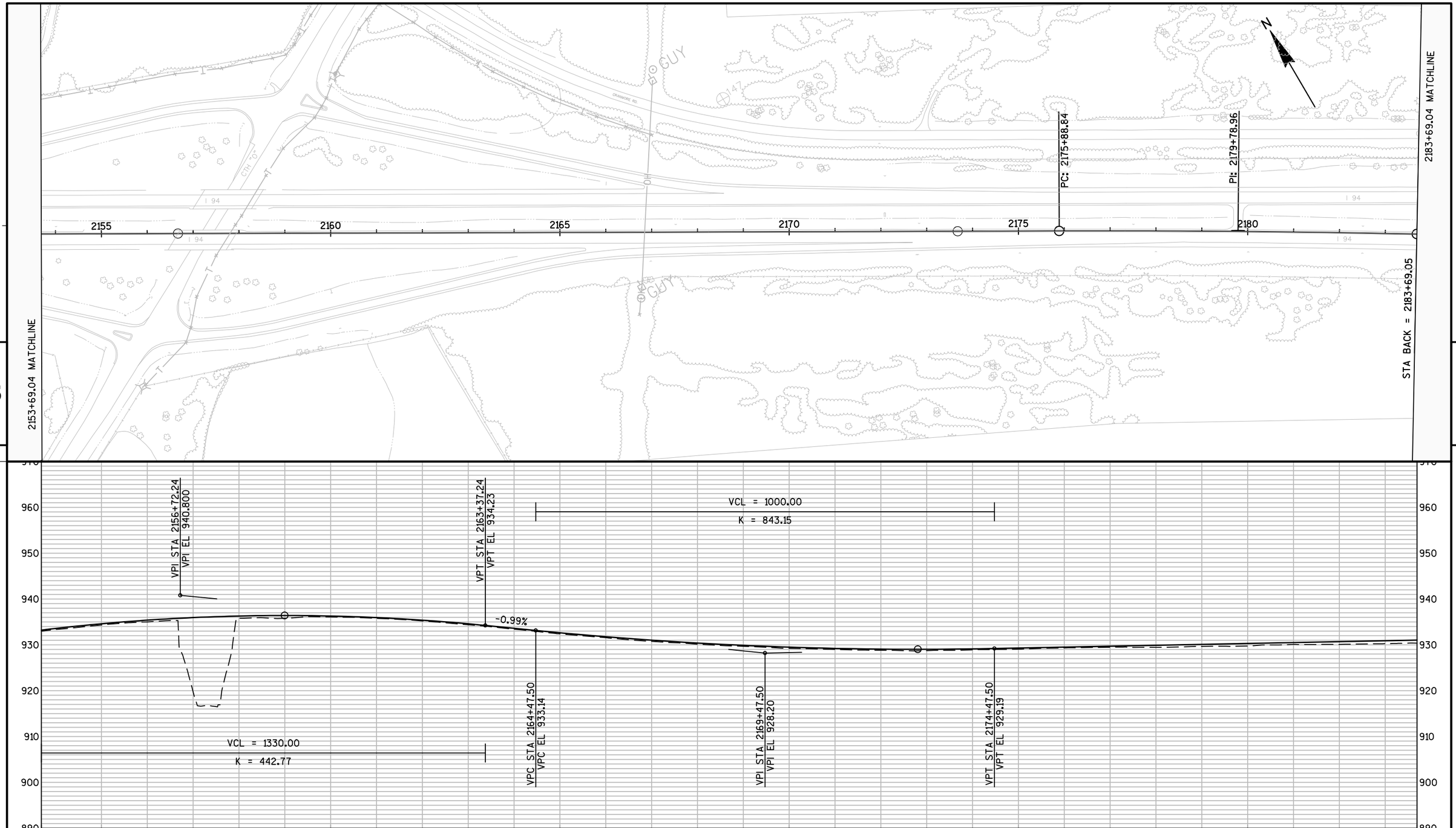


PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 179 E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\050101-PP-IH94-JC-EB-V2.DWG
LAYOUT NAME - 050101 - (2)

PLOT DATE : 10/8/2014 4:40 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 180	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\050101-PP-IH94-JC-EB-V2.DWG
LAYOUT NAME - 050101 - (3)

PLOT DATE : 10/8/2014 4:40 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2183+69.04 MATCHLINE

STA AHEAD = 2183+79.00

PT: 2183+79.00

2213+79.00 MATCHLINE

5

5

CRANMORE RD.

I 94

2185 2190 2195 2200 2205 2210

Wet & RPF

N

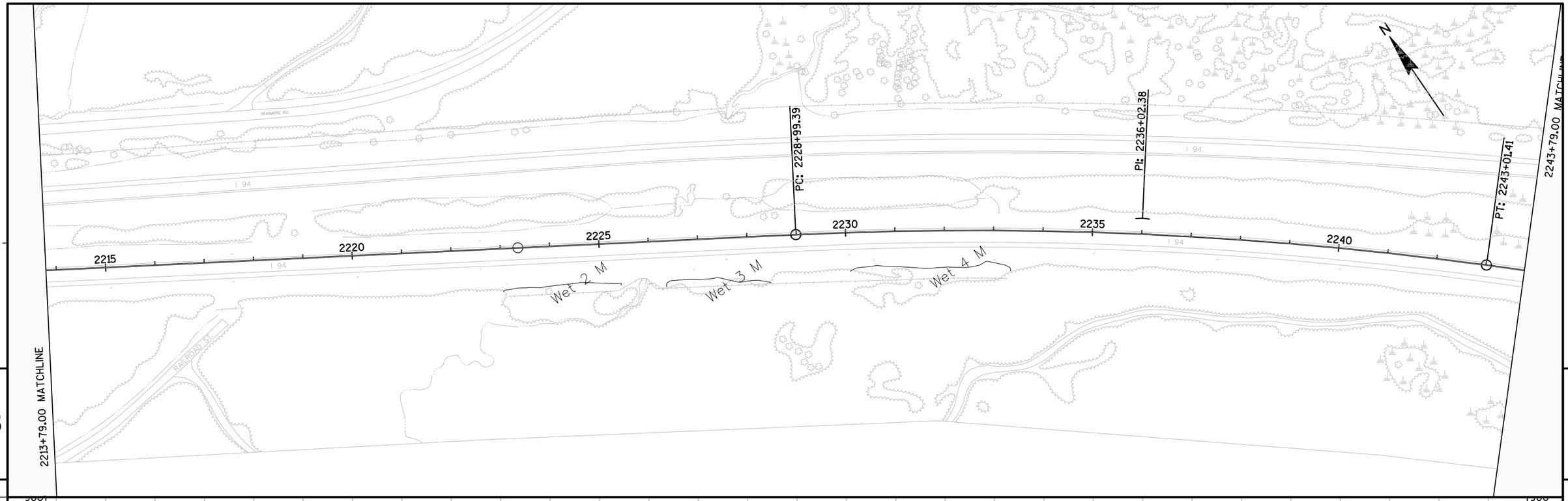
970 960 950 940 930 920 910 900

0.20%

2183 2185 2190 2195 2200 2205 2210 2213

2183+79.00	931.01	931.06	930.65	931.25	930.77	931.45	931.23	931.65	931.48	931.85	931.63	932.05	931.86	932.24	932.08	932.44	932.15	932.64	932.40	932.84	932.55	933.04	932.58	933.23	932.70	933.43	932.88	933.63	933.24	933.83	933.39	934.03	933.51	934.22	933.67	934.42	934.07	934.62	934.10	934.82	934.42	935.02	934.58	935.21	934.83	935.41	935.02	935.61	935.37	935.81	935.45	936.01	935.67	936.20	935.77	936.40	936.15	936.60	936.31	936.80	936.37	936.95

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 181	E

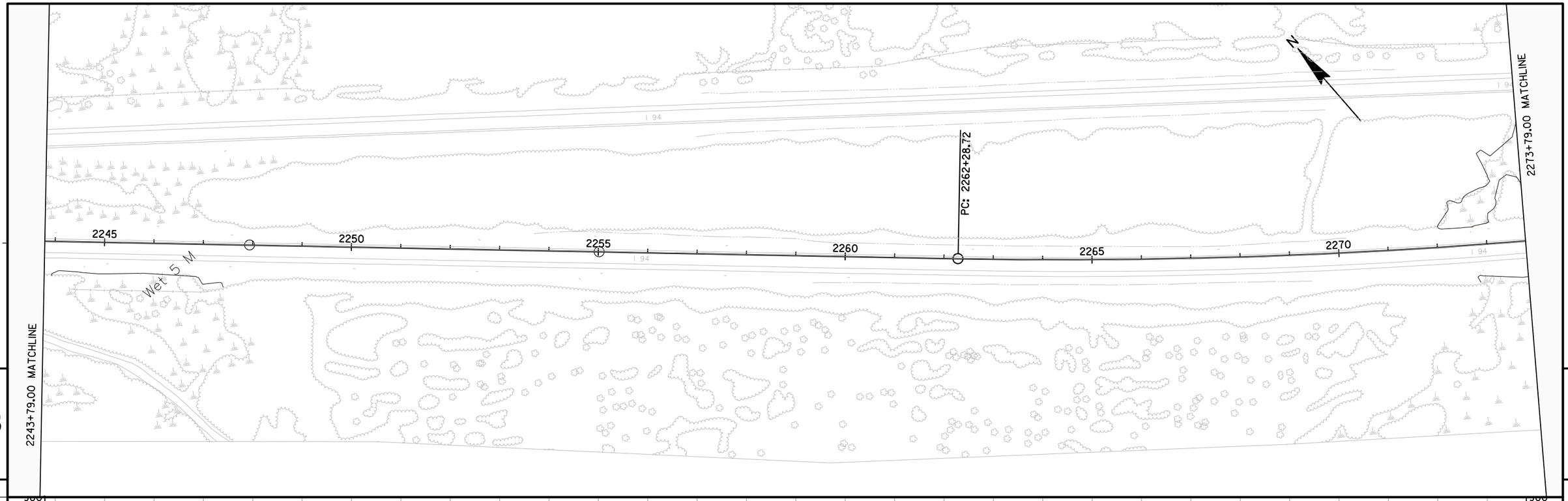


PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 182	E

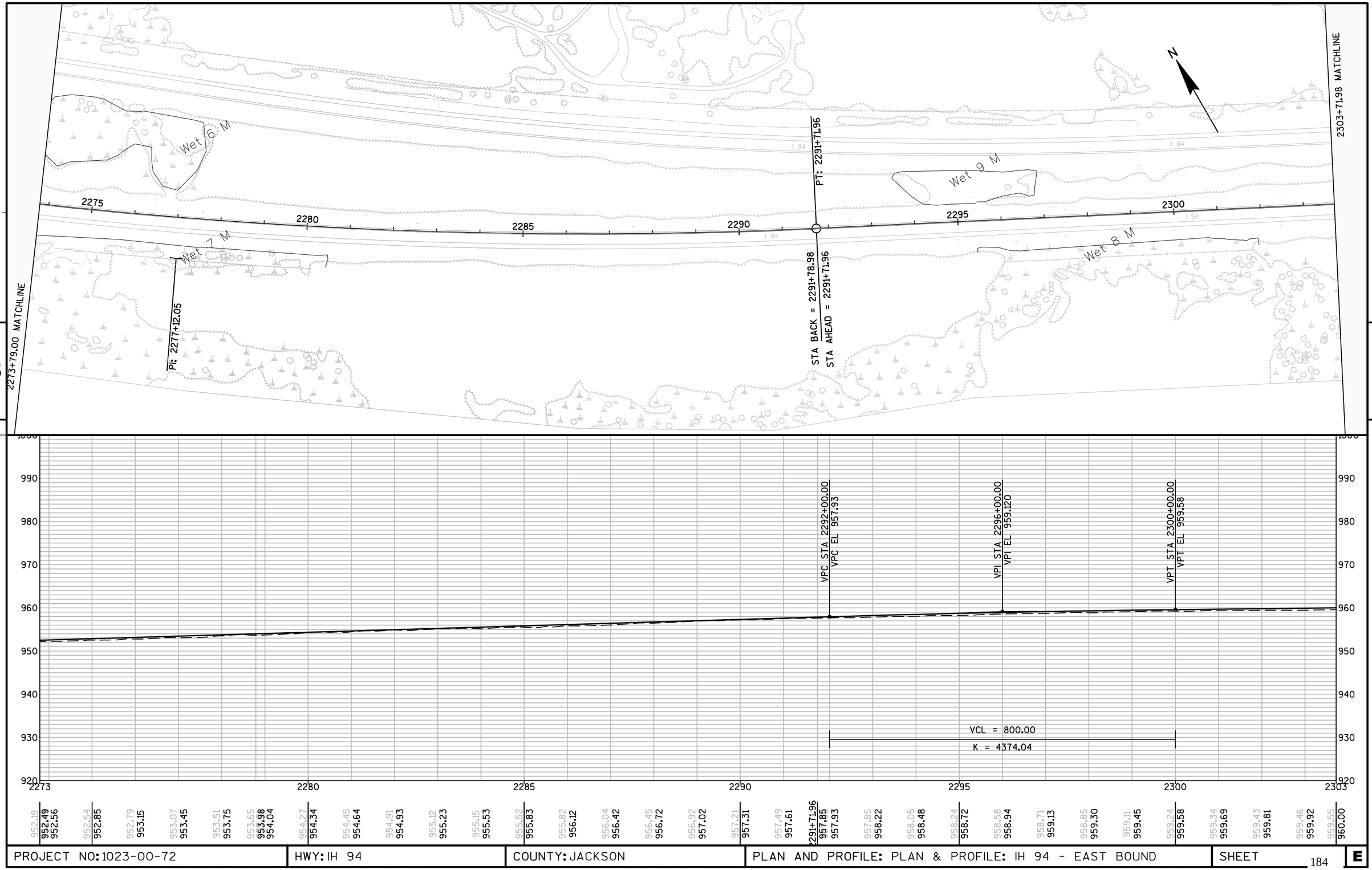
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\050101-PP-IH94-JC-EB-V2.DWG
LAYOUT NAME - 050101 - (5)

PLOT DATE : 10/8/2014 4:40 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME :

PLOT SCALE : 1 IN:200 FT



PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 183	E



5

5

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 184	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\050101-PP-IH94-JC-EB-V2.DWG
LAYOUT NAME - 050101 - (7)

PLOT DATE : 10/8/2014 4:40 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME :

PLOT SCALE : 1 IN:200 FT

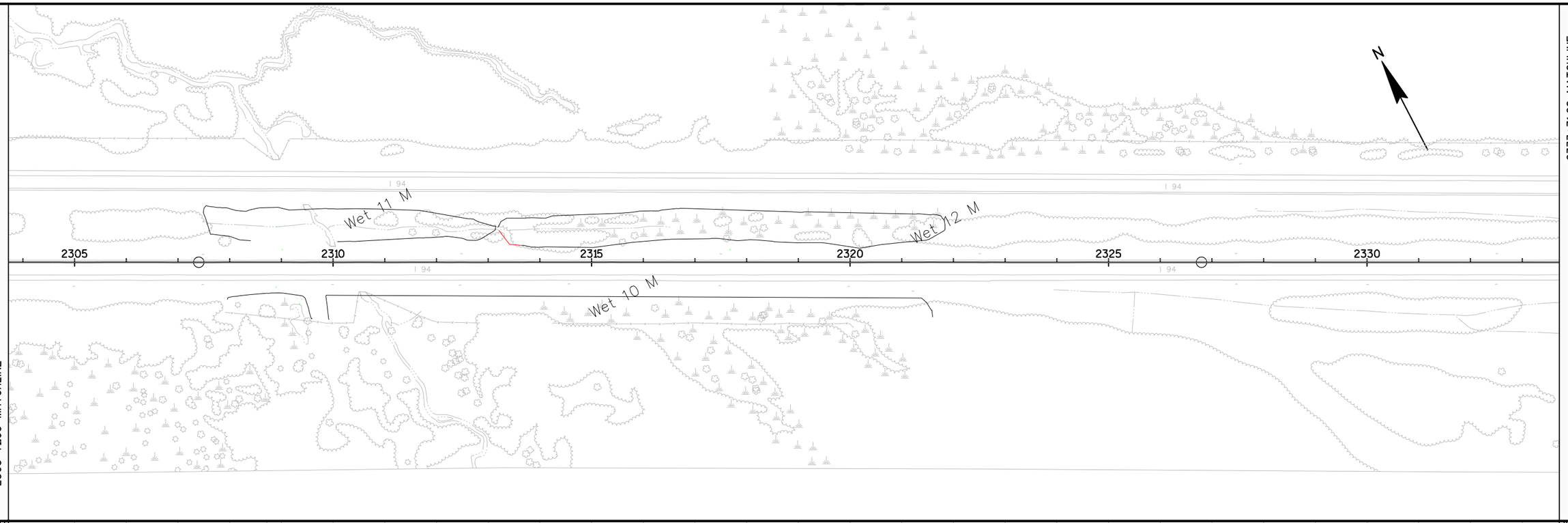
WISDOT/CADDS SHEET 44

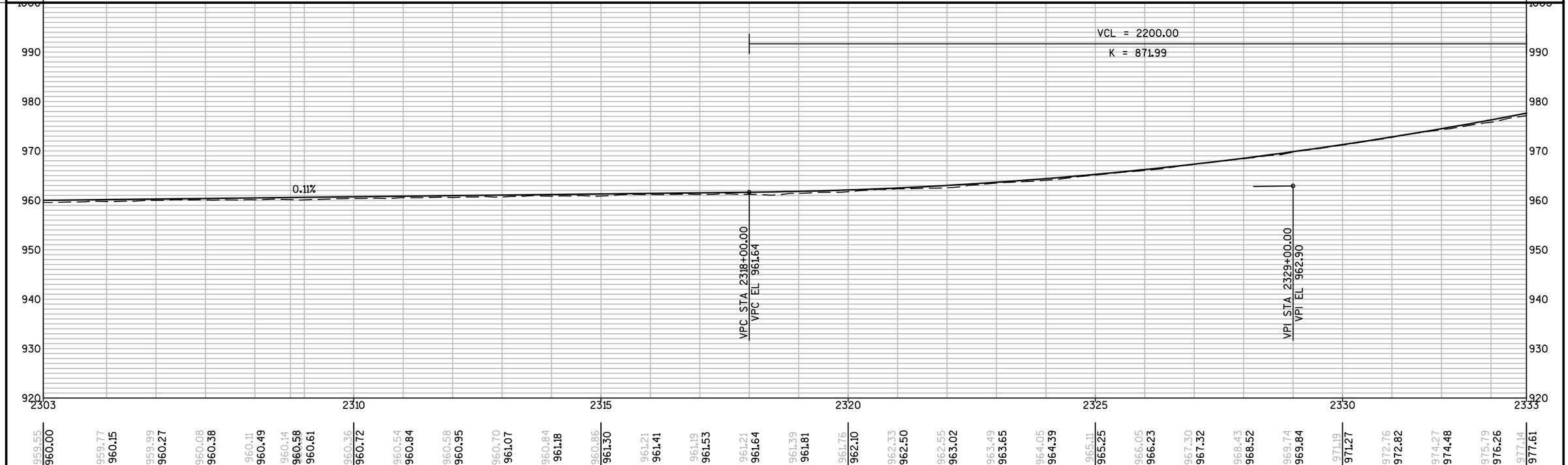
2303+71.98 MATCHLINE

2333+71.98 MATCHLINE

5

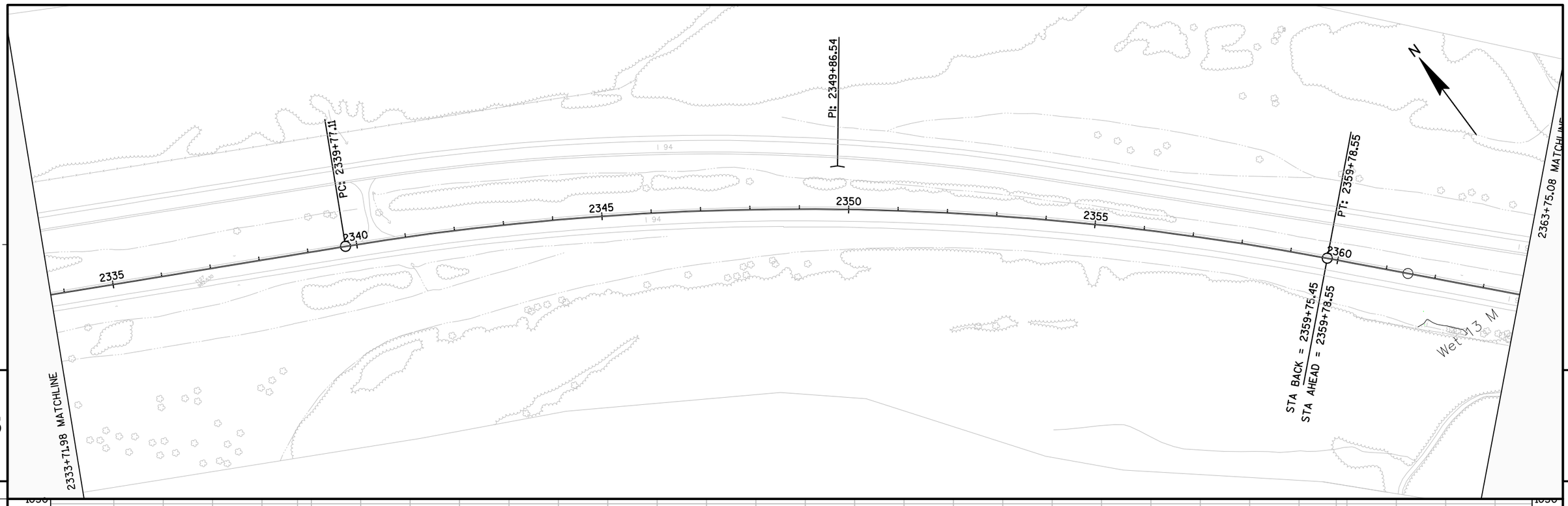
5

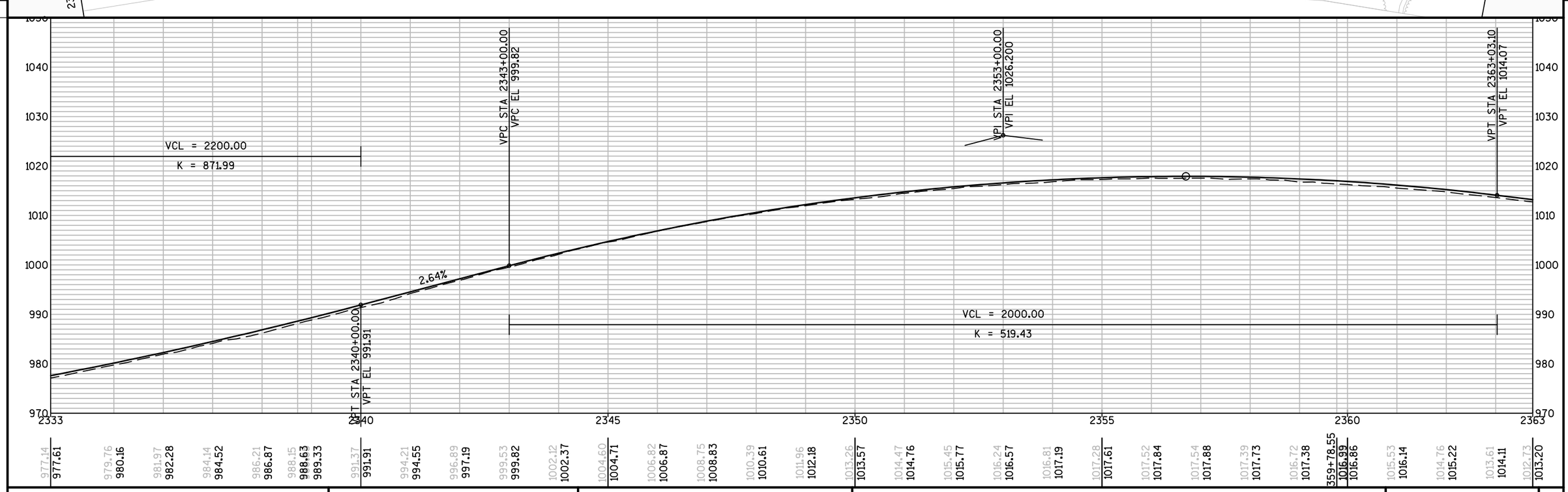




959.55 960.00 | 959.77 960.15 | 959.99 960.27 | 960.08 960.38 | 960.11 960.49 | 960.14 960.58 | 960.36 960.72 | 960.54 960.84 | 960.58 960.95 | 960.70 961.07 | 960.84 961.18 | 960.86 961.30 | 961.21 961.41 | 961.19 961.53 | 961.21 961.64 | 961.39 961.81 | 961.76 962.10 | 962.33 962.50 | 962.55 963.02 | 963.49 963.65 | 964.05 964.39 | 965.11 965.25 | 966.05 966.23 | 967.30 967.32 | 968.43 968.52 | 969.74 969.84 | 971.19 971.27 | 972.76 972.82 | 974.27 974.48 | 975.79 976.26 | 977.14 977.61

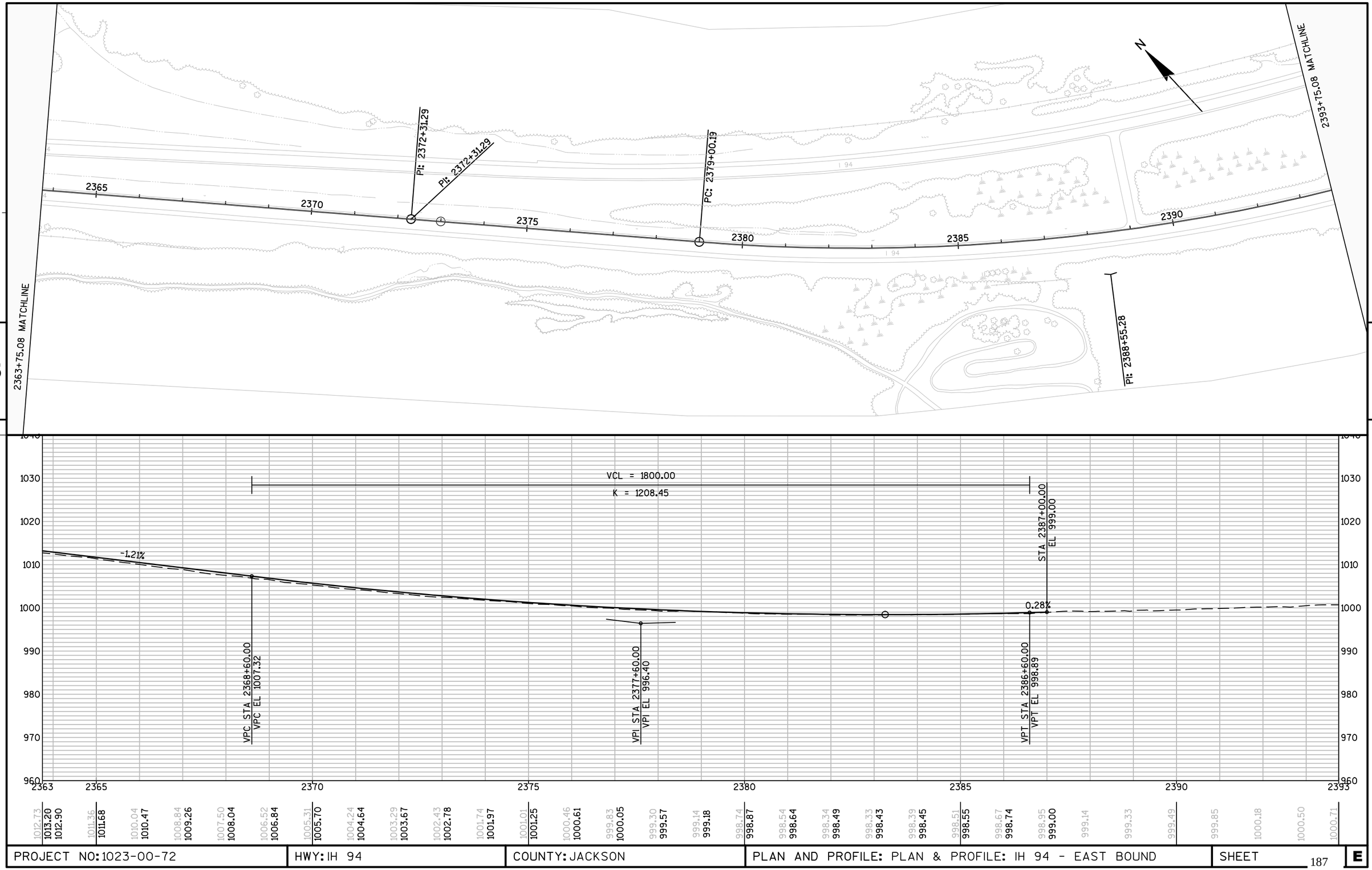
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 185	E





PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 186 E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\050101-PP-IH94-JC-EB-V2.DWG
LAYOUT NAME - 050101 - (9)
PLOT DATE : 10/8/2014 4:41 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

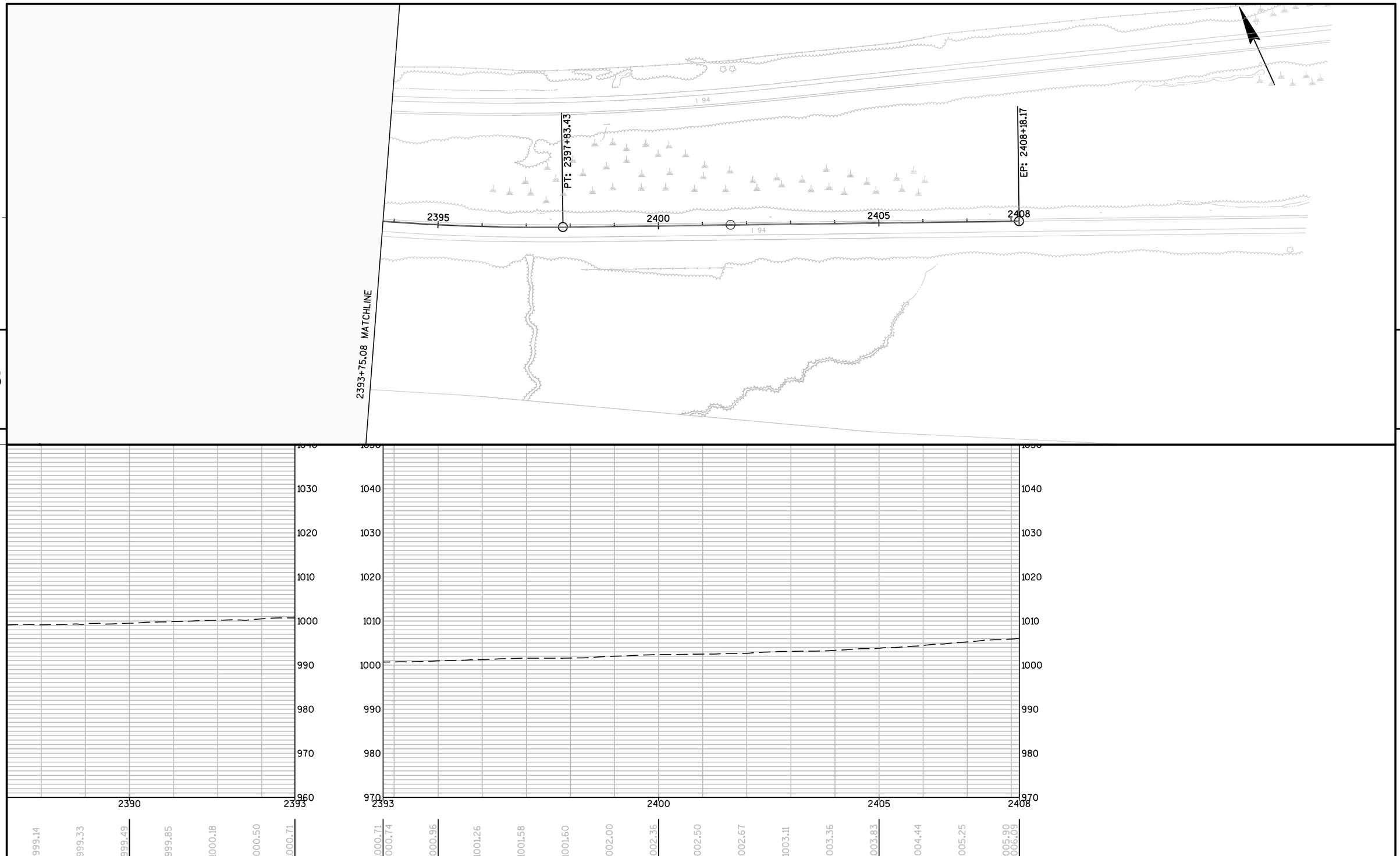


PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 187	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\050101-PP-IH94-JC-EB-V2.DWG
LAYOUT NAME - 050101 - (10)

PLOT DATE : 10/8/2014 4:41 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:200 FT

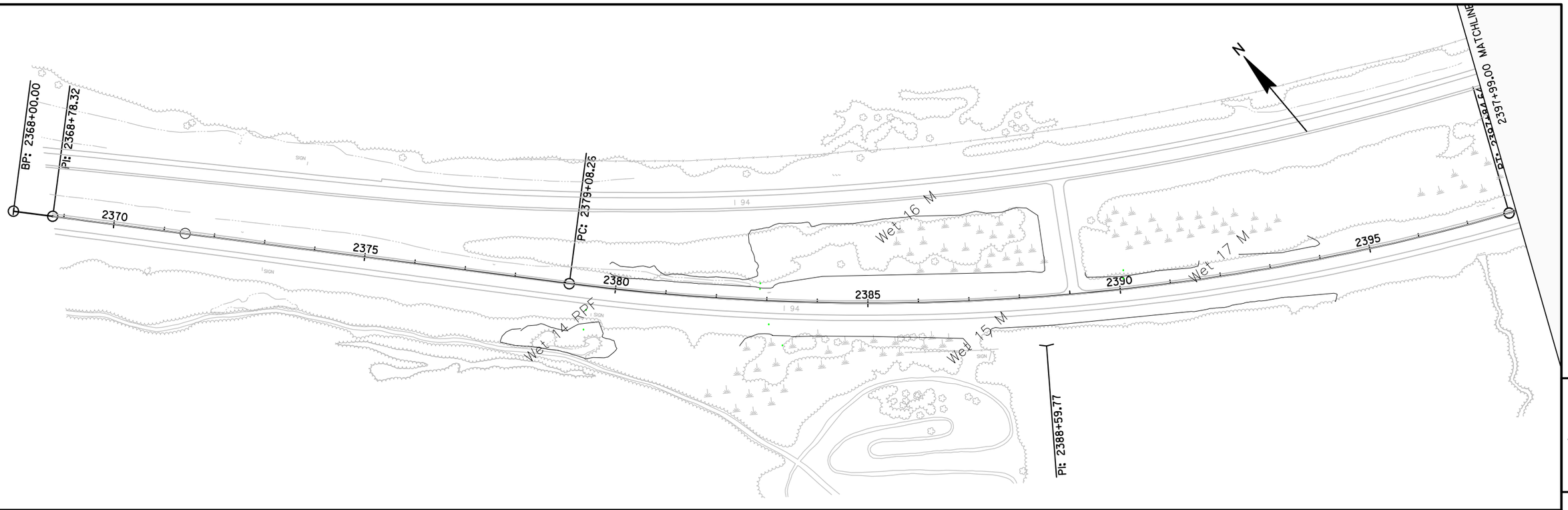
WISDOT/CADDS SHEET 44

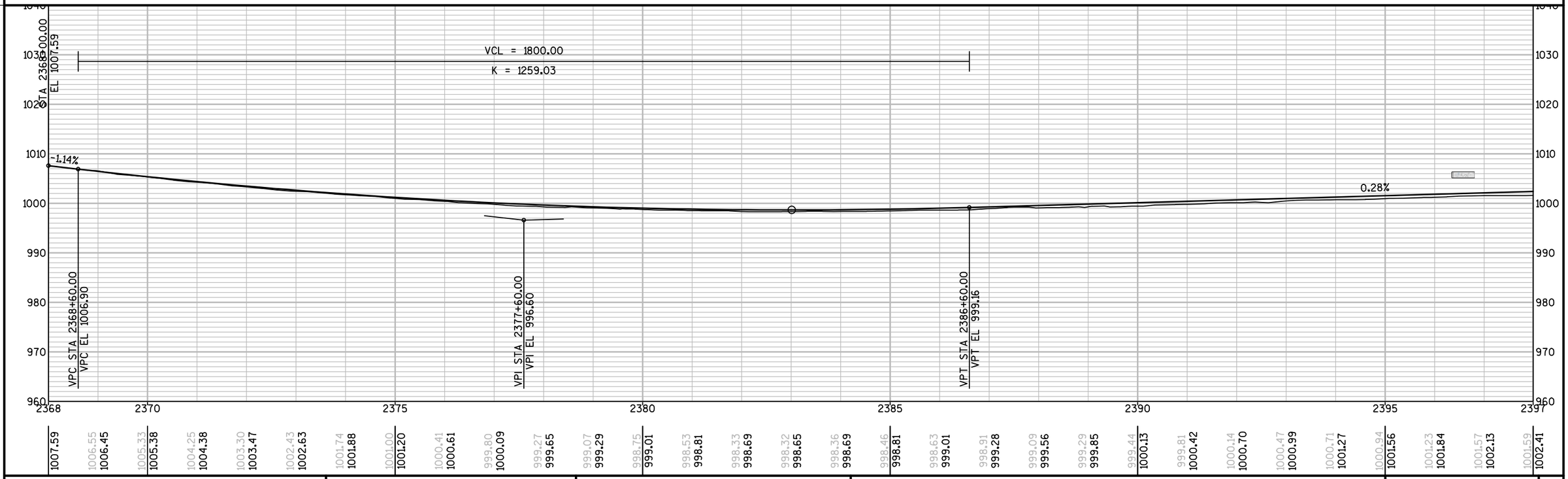


PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 188	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\050101-PP-IH94-JC-EB-V2.DWG
LAYOUT NAME - 050101 - (11)

PLOT DATE : 10/8/2014 4:41 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:200 FT



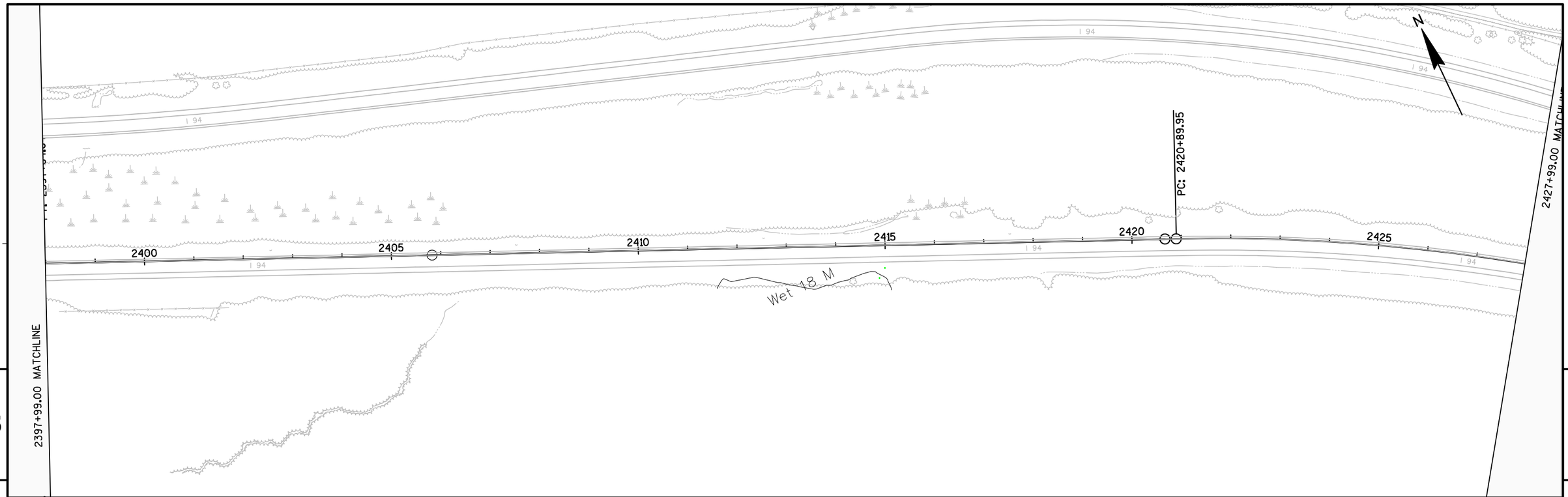


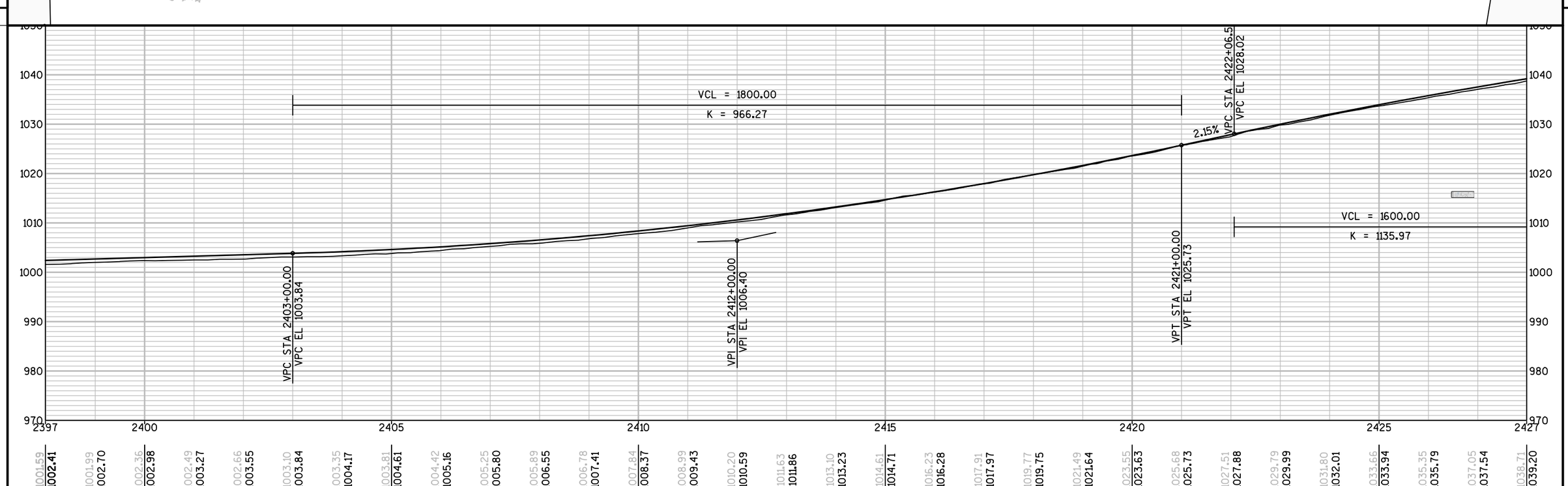
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 189 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\050102-PP-IH94-MC-EB.DWG
LAYOUT NAME - 050102 - (1)

PLOT DATE : 10/8/2014 4:05 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



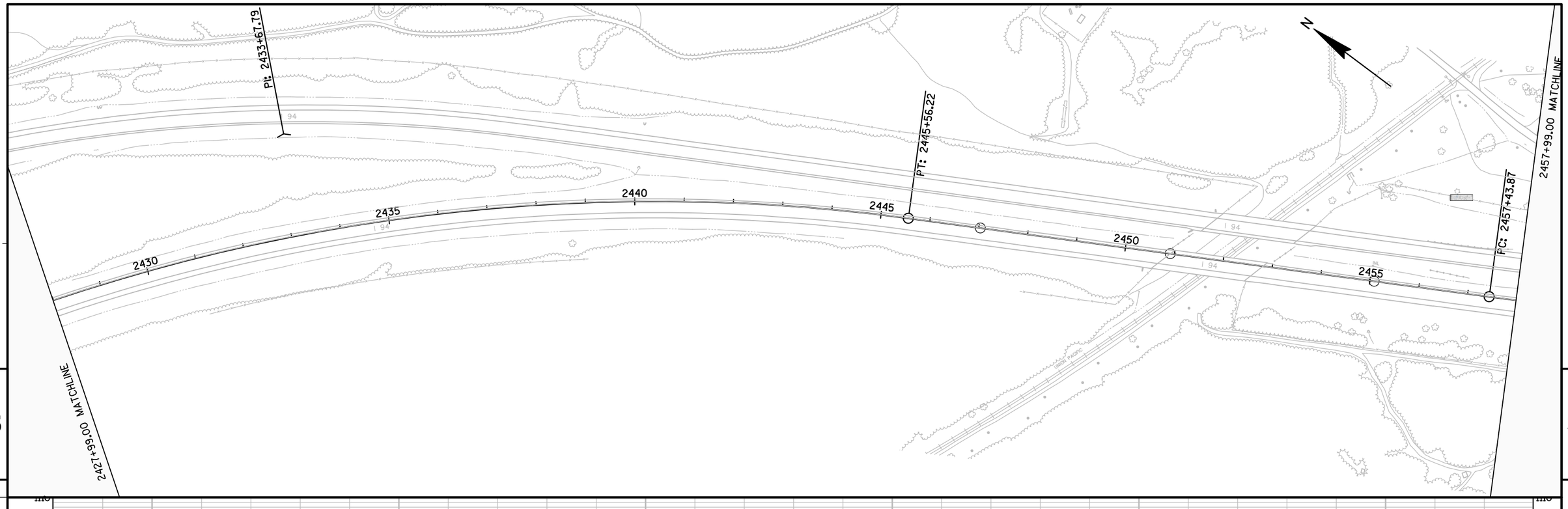


PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 190	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\050102-PP-IH94-MC-EB.DWG
LAYOUT NAME - 050102 - (2)

PLOT DATE : 10/8/2014 4:05 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



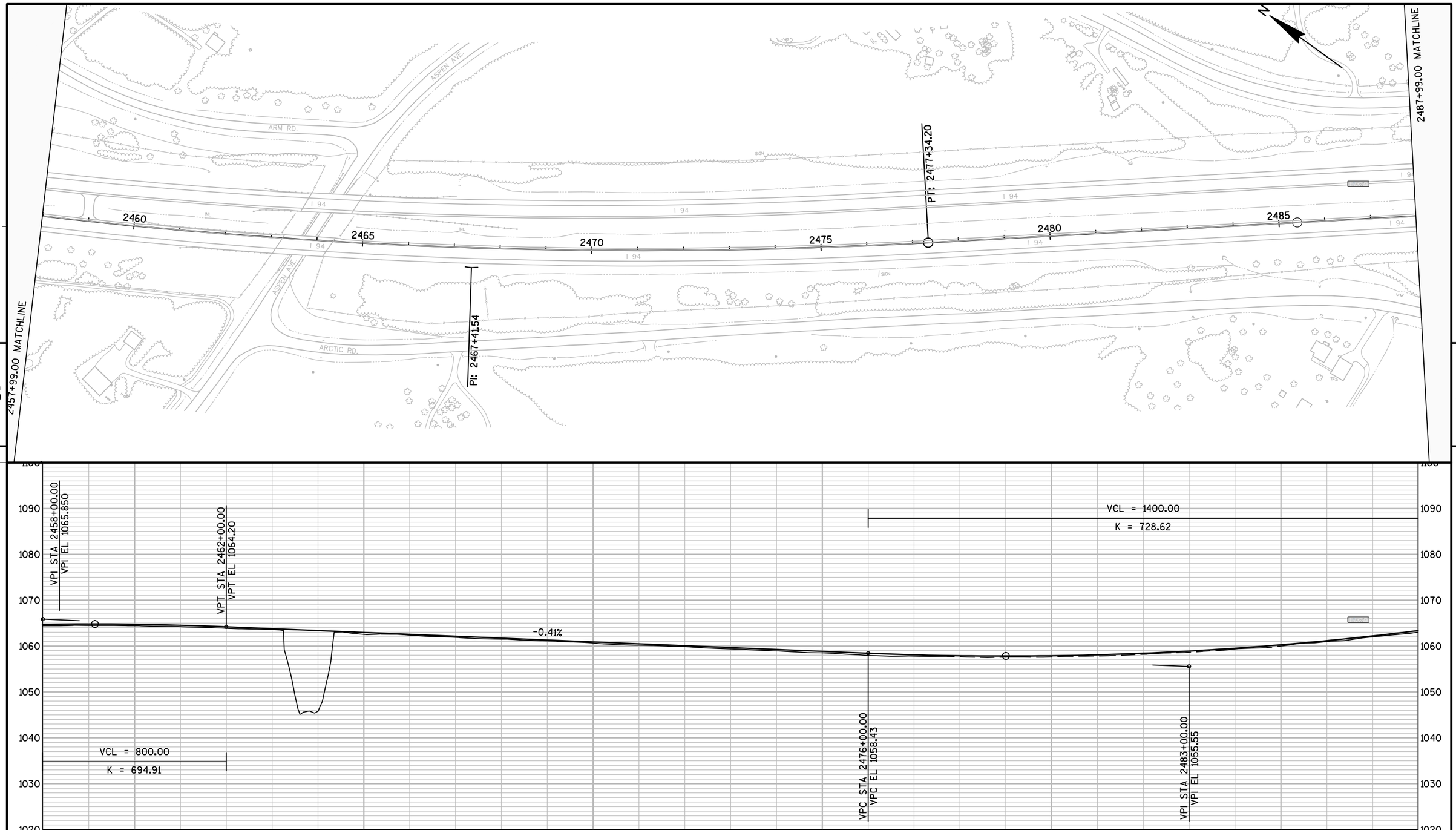
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 191 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\050102-PP-IH94-MC-EB.DWG
LAYOUT NAME - 050102 - (3)

PLOT DATE : 10/8/2014 4:05 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME :

PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

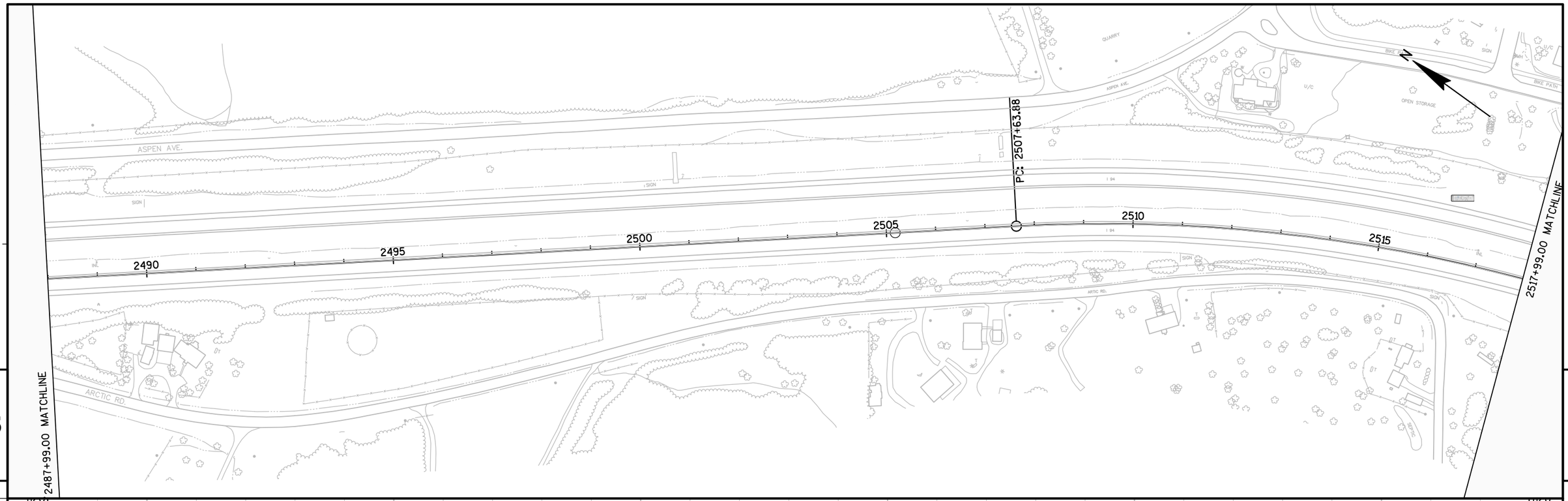


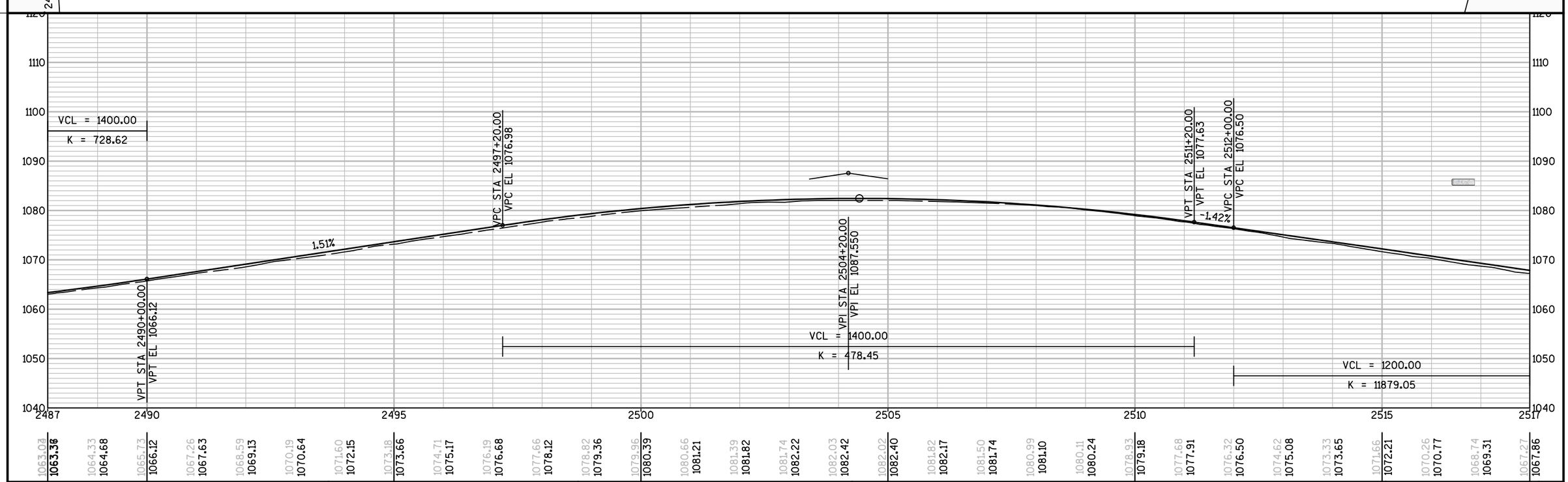
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 192 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\050102-PP-IH94-MC-EB.DWG
LAYOUT NAME - 050102 - (4)

PLOT DATE : 10/8/2014 4:05 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



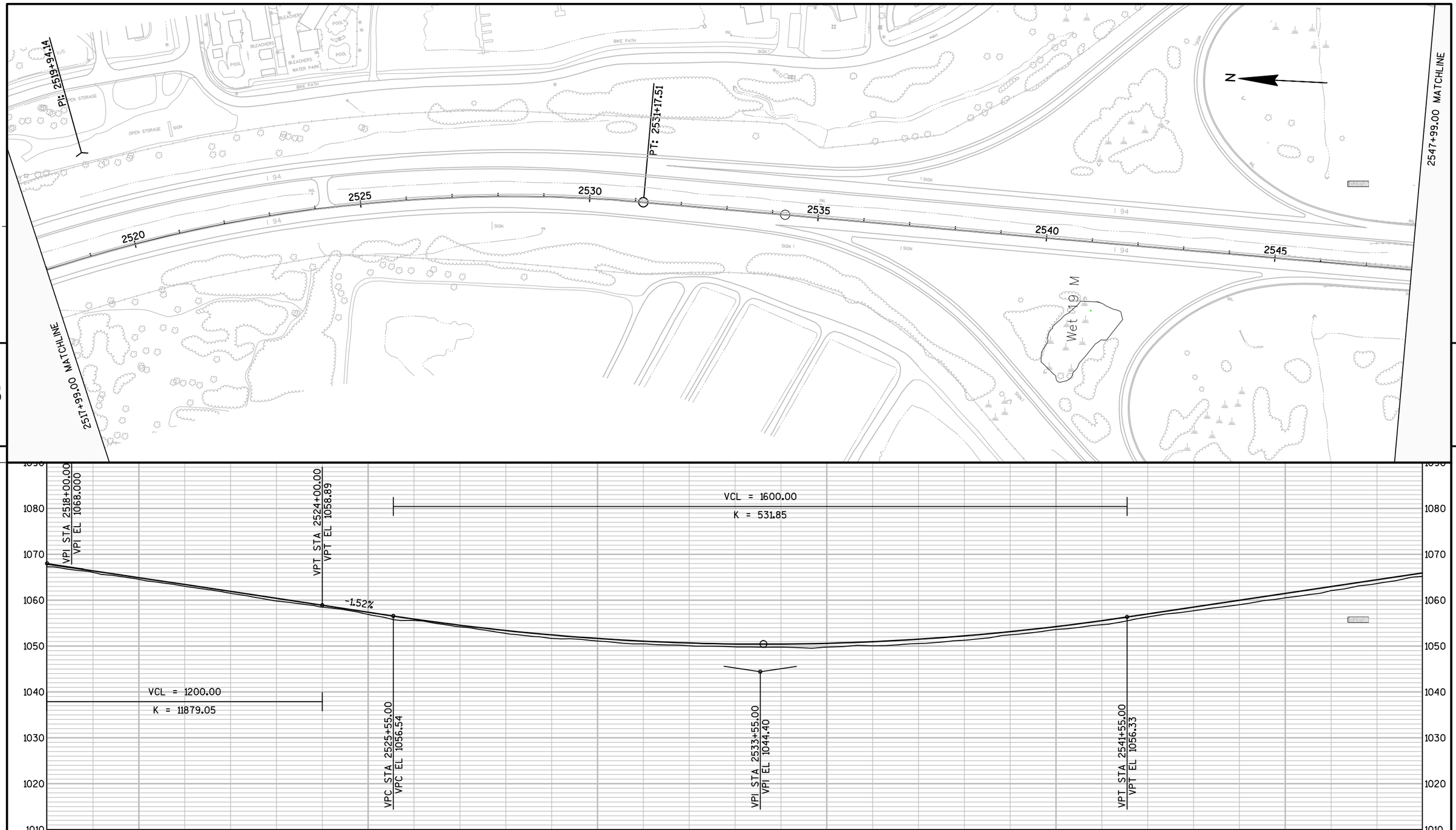


PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 193	E

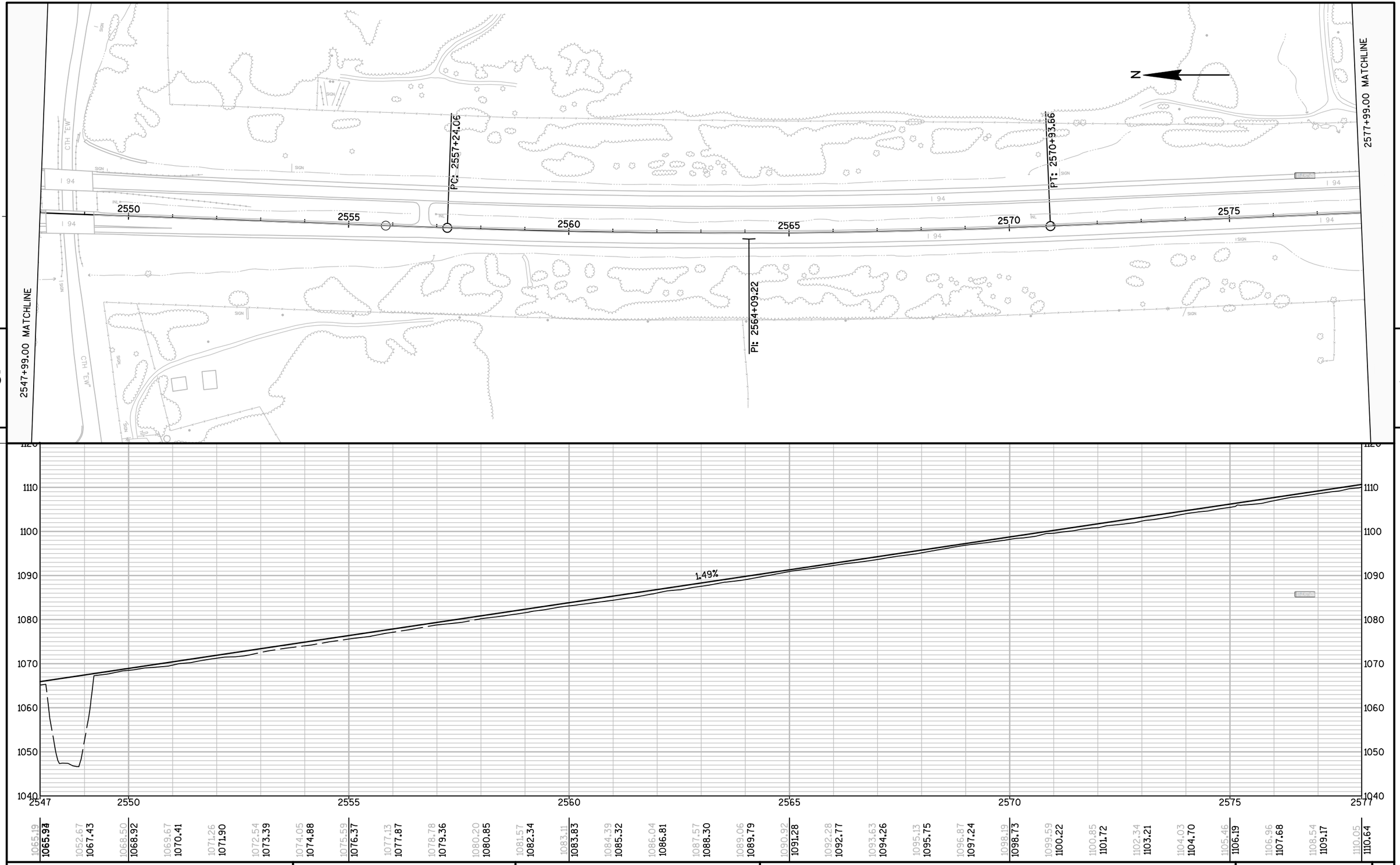
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\050102-PP-IH94-MC-EB.DWG
LAYOUT NAME - 050102 - (5)

PLOT DATE : 10/8/2014 4:06 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME :

PLOT SCALE : 1 IN:200 FT



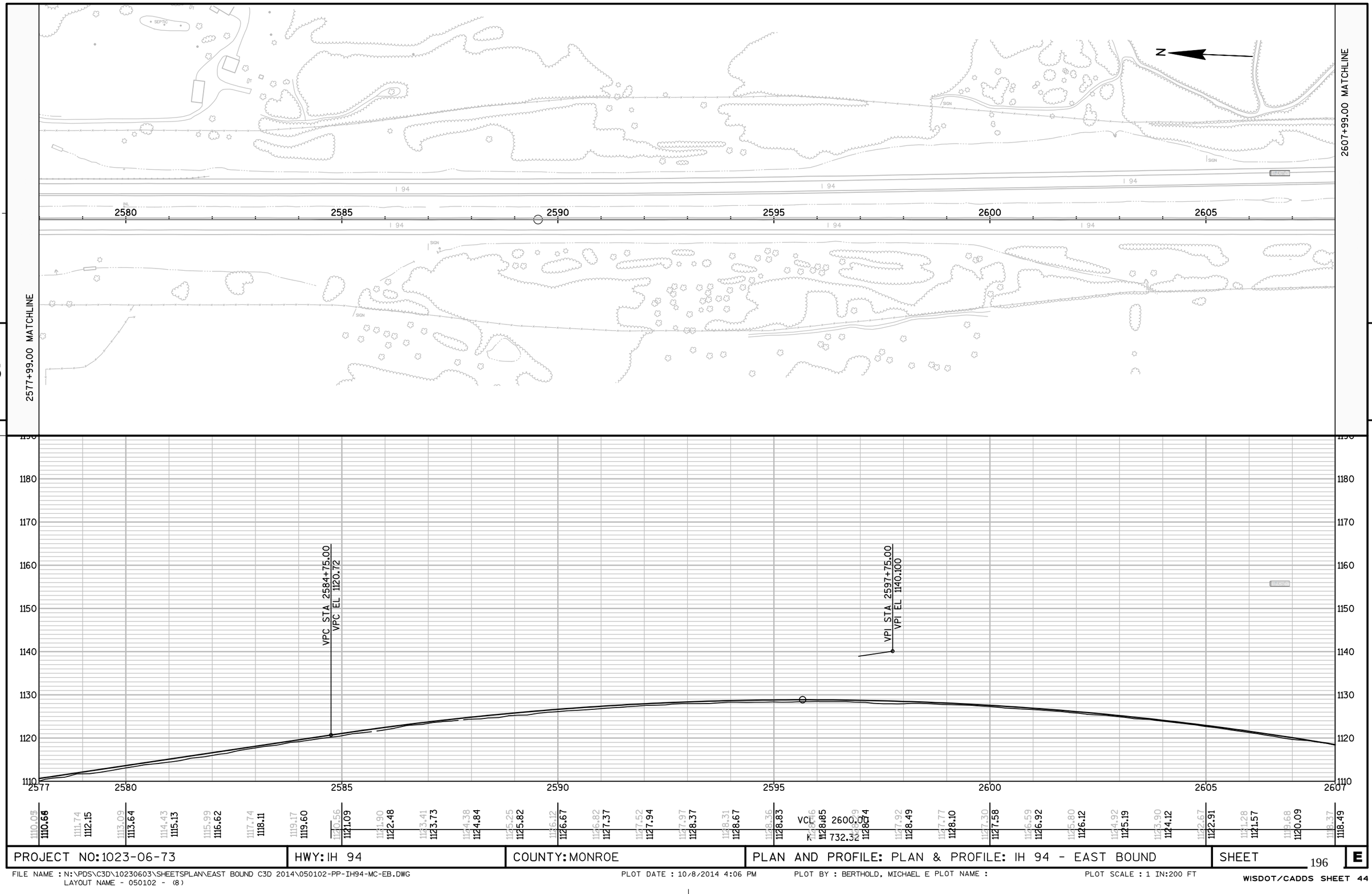
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 194 E



PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 195 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\050102-PP-IH94-MC-EB.DWG
LAYOUT NAME - 050102 - (7)

PLOT DATE : 10/8/2014 4:06 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:200 FT

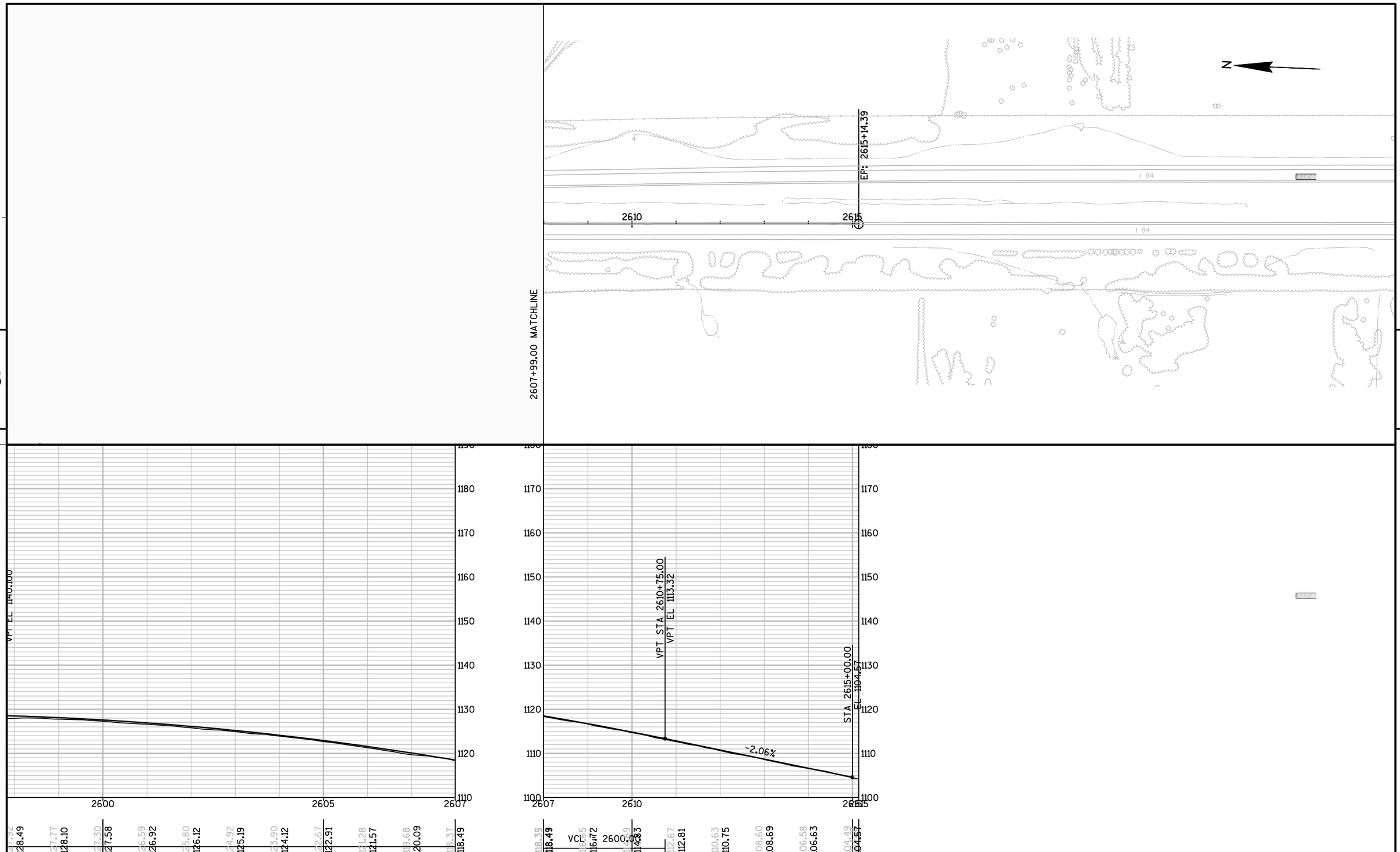


PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 196 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\050102-PP-IH94-MC-EB.DWG
LAYOUT NAME - 050102 - (8)

PLOT DATE : 10/8/2014 4:06 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	PLAN AND PROFILE: PLAN & PROFILE: IH 94 - EAST BOUND	SHEET 197	E

Standard Detail Drawing List

08A05-19B	INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM
08A05-19C	INLET COVERS TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S
08C07-01	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT
08D01-18	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES
08D04-05	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08E09-06	SILT FENCE
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F04-07	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
08F10-01	CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH
09B02-09	CONDUIT
09B04-11	PULL BOX
09C02-07	CONCRETE BASES, TYPES 1, 2, 5, & 6
09C03-04	TRANSFORMER/PEDESTAL BASES
09C05-09	CONCRETE CONTROL CABINET BASES
09E01-14D	POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 5 (30 FEET)
09H09-01	COMMUNICATION VAULT
11A01-05	MAINTENANCE CROSSOVER FOR FREEWAYS
12A04-03	STRUCTURE IDENTIFICATION PLAQUES, RAMP GATES, SIGN BRIDGES & OVERHEAD SIGN SUPPORTS & TRAFFIC SIGNALS
13A05-05A	SHOULDER RUMBLE STRIP, MILLING
13A05-05B	SHOULDER RUMBLE STRIP, MILLING
13C09-12A	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-12B	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-12C	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
14B28-03	GUARDRAIL MOW STRIP
14B42-03A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-03B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-03C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-02A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-02B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-02C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B45-04A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04B	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04D	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04E	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04F	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04G	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04H	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04I	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04J	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B47-02A	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-02B	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-02C	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
15A02-08	DELINEATOR POST, DELINEATOR, AND DELINEATOR BRACKET WITH REFLECTIVE SHEETING
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15A06-02	DELINEATOR LAYOUT
15C02-05A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-05B	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C08-16A	PAVEMENT MARKING (MAINLINE)
15C08-16F	PAVEMENT MARKING (ISLANDS)
15C12-04	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C19-02A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C19-02C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C27-01	DOUBLE ARROW WARNING SIGN PLACEMENT
15C31-01A	PAVEMENT MARKING (RAMPS AND GORES)
15C33-01	STOP LINE AND CROSSWALK PAVEMENT MARKING
15D04-01	TRAFFIC CONTROL, RAMP CONSTRUCTION STAGING
15D12-05A	TRAFFIC CONTROL, LANE CLOSURE
15D12-05B	TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
15D15-01	TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE
15D16-02	TRAFFIC CONTROL, EXIT RAMP CLOSURE
15D27-02	TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
15D35-01A	RAMP GATE HARD WIRED
15D35-01B	RAMP GATE HARD WIRED
15D35-01C	RAMP GATE HARD WIRED
15D35-01D	RAMP GATE HARD WIRED
15D38-01A	TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

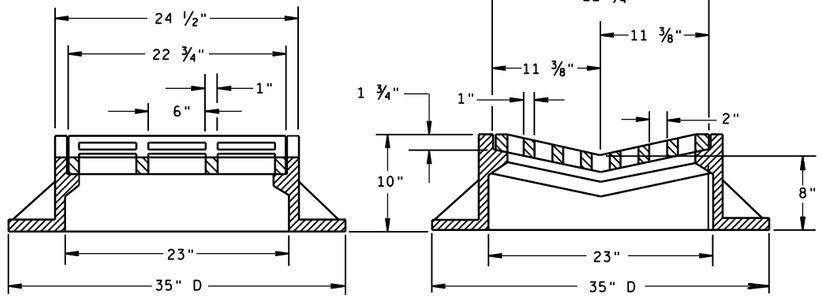
6

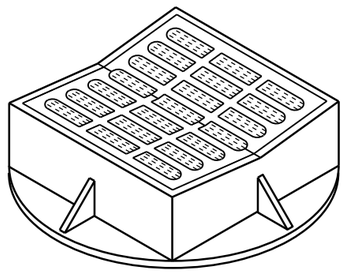
Standard Detail Drawing List

15D38-01B ATTACHMENT OF SIGNS TO POSTS

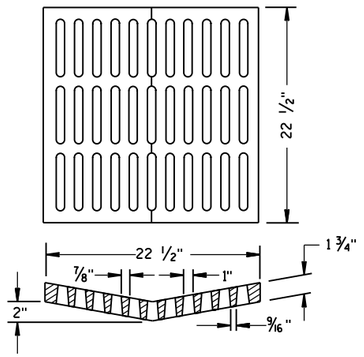
6

6



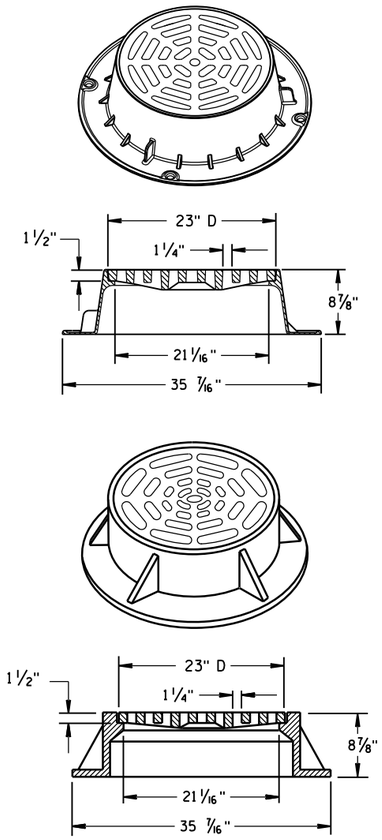


TYPE "B"



ALTERNATIVE GRATE FOR TYPE "B" COVER

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS POSSIBLE.
NOTED AS TYPE B-A ON THE DRAINAGE TABLE



TYPE "C"

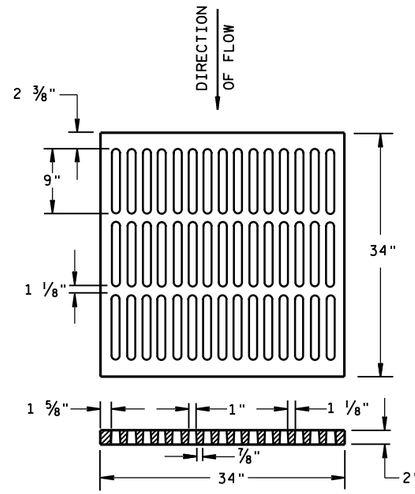
NOTE: EITHER CASTING IS ACCEPTABLE

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.

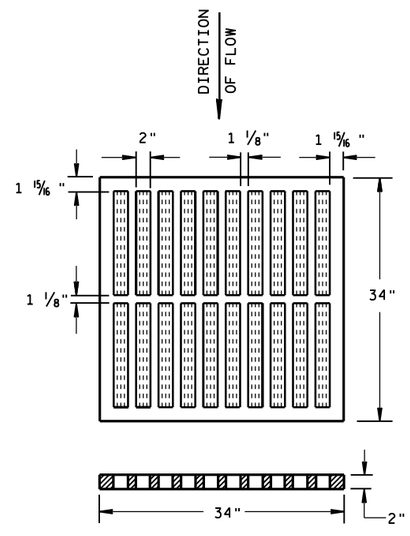
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



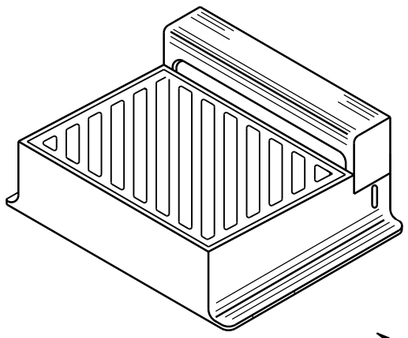
ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS PERMITTED
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE

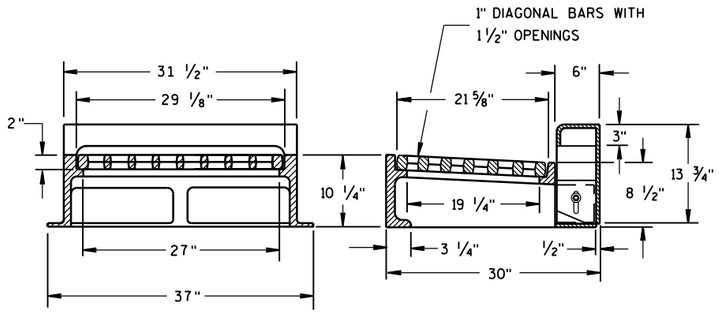


TYPE "MS"

USE ON FREEWAYS AND EXPRESSWAYS
NOTED AS TYPE MS ON DRAINAGE TABLE



DIAGONAL SLOTS, SHALL BE ORIENTED TO THE DIRECTION OF FLOW AS ILLUSTRATED. GRATES ARE MANUFACTURED TO BE REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

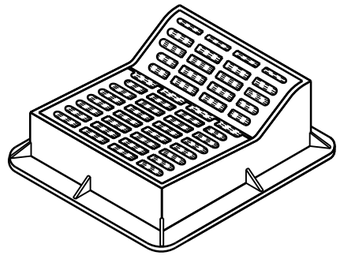
TYPE "WM"

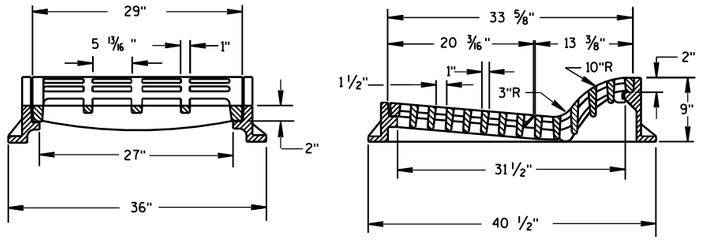
INLET COVERS
TYPE B, B-A, C, MS, MS-A, & WM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/27/2013 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

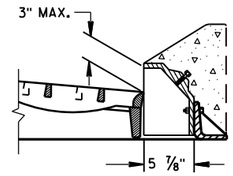
6
S.D.D. 8 A 5-19b





TYPE "F"

USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.



ALTERNATIVE CURB BOX FOR TYPE "HM" COVER

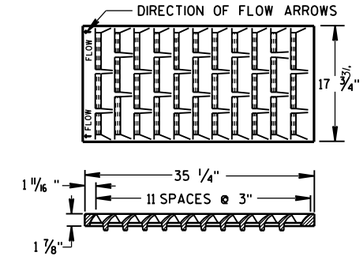
USE WITH TYPES G & J CONCRETE CURB & GUTTER, 30 INCH
NOTED AS TYPE HM-GJ ON DRAINAGE TABLE

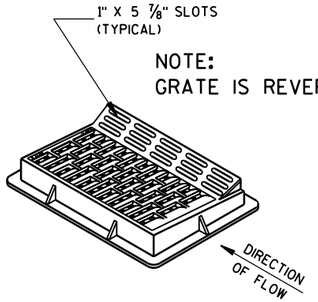
NOTE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM-GJ" COVER
NOTED AS TYPE HM-GJ-S ON DRAINAGE TABLE

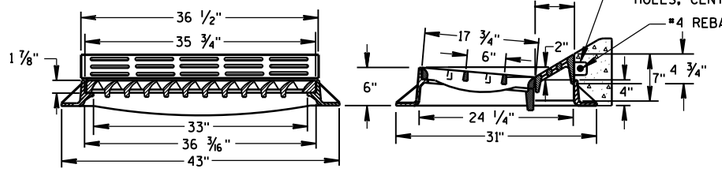
GENERAL NOTES

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.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.



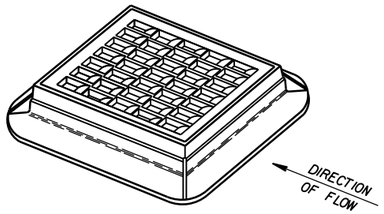


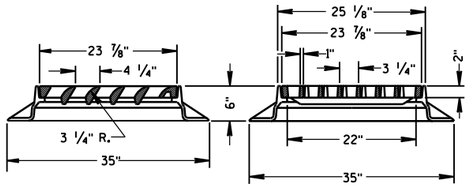


TYPE "HM"

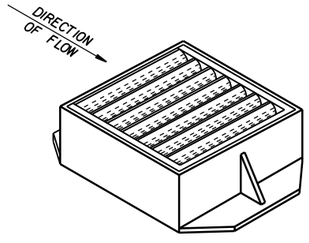
USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.

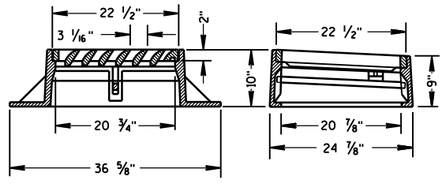
NOTE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM" COVER
NOTED AS TYPE HM-S ON DRAINAGE TABLE



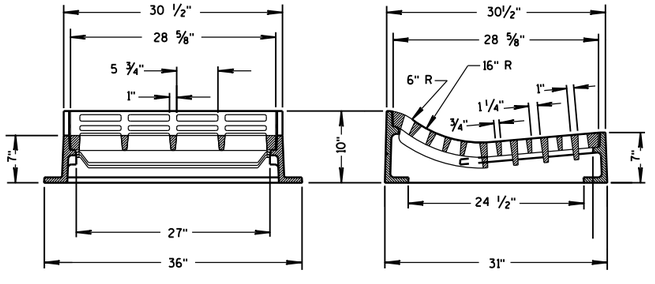


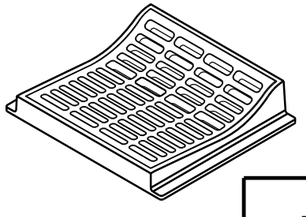
TYPE "S"





TYPE "V"





TYPE "T"

USE WITH TYPES R & T CONCRETE CURB & GUTTER, 36 INCH.

INLET COVERS
TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/27/2013
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER

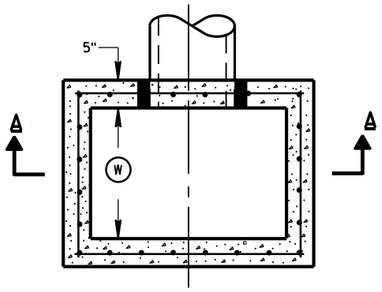
FHWA

6

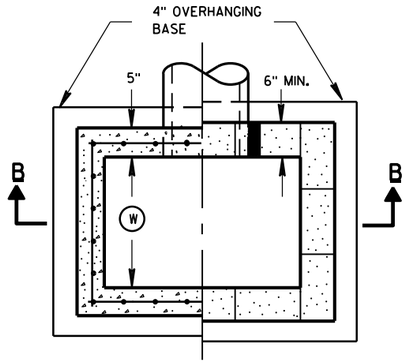
S.D.D. 8 A 5-19c

6

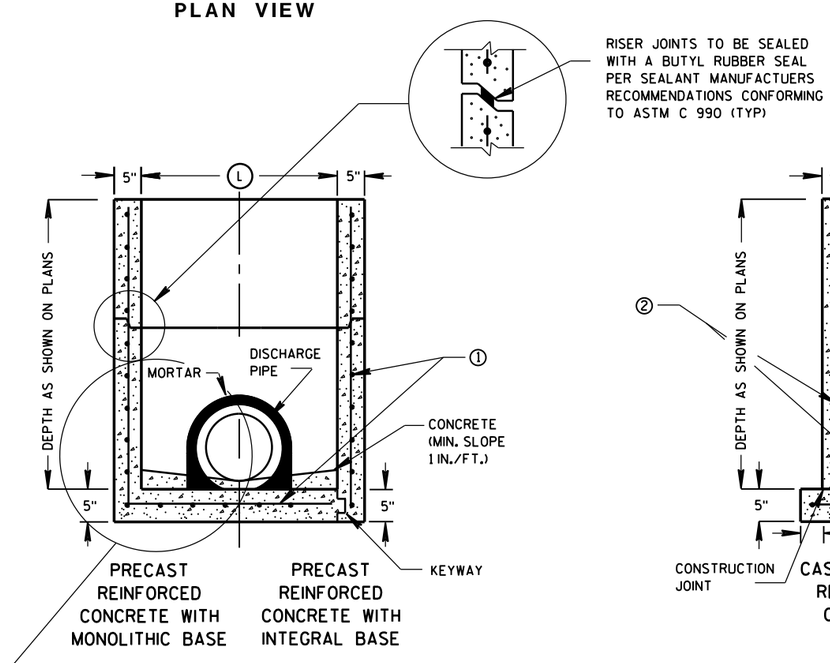
S.D.D. 8 A 5-19c



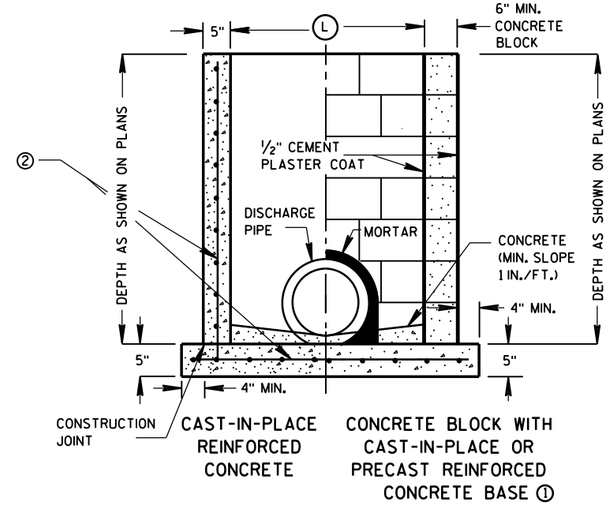
PLAN VIEW



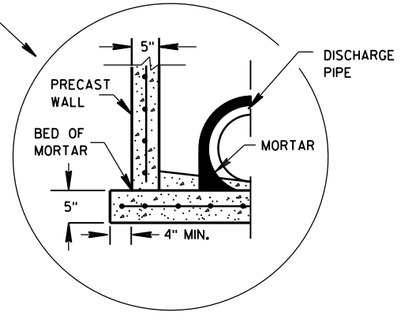
PLAN VIEW



SECTION A-A



SECTION B-B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

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.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS.
4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED.
OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3 INCH CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

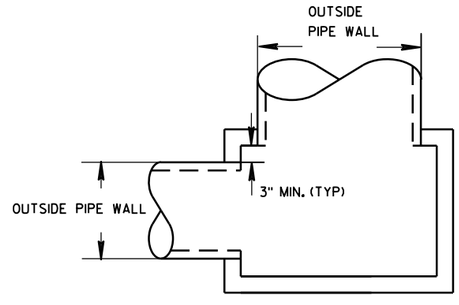
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

INLET SIZE		INLET COVER TYPE	ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM
	WIDTH (W) (FT)	LENGTH (L) (FT)									
2X2-FT	2	2	X	X				X		X	
2X2.5-FT	2	2.5			X			X	X	X	X
2X3-FT	2	3					X				
2.5X3-FT	2.5	3				X					

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (IN)	LENGTH (IN)
2X2-FT	12	12
2X2.5-FT	12	18
2X3-FT	12	24
2.5X3-FT	18	24



DETAIL "A"

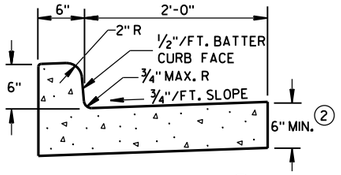
INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

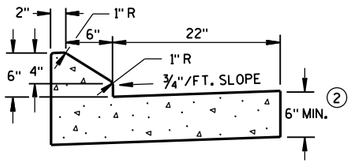
APPROVED
6/5/2012
DATE
FHWA

/S/ Jerry H. Zogg
ROADWAY STANDARDS DE
ENGINEER

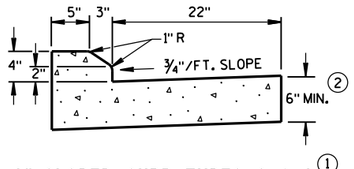
6
S.D.D. 8 C 7-1



TYPES A & D ①

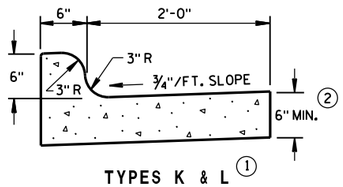


6" SLOPED CURB TYPES G & J ①

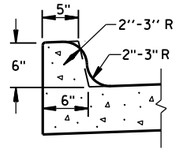


4" SLOPED CURB TYPES G & J ①

CONCRETE CURB & GUTTER 30"

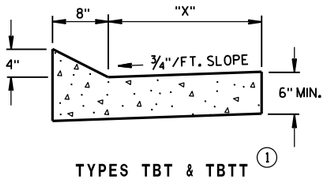


TYPES K & L ①



OPTIONAL CURB SHAPE FOR TYPES K & L ①

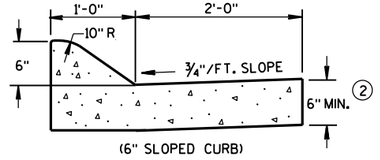
CONCRETE CURB & GUTTER 30"



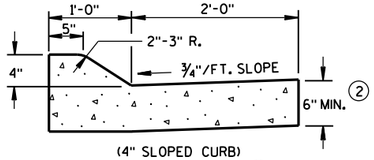
TYPES TBT & TBTT ①

CONCRETE CURB & GUTTER

TBT & TBTT	"X"
30"	22"
36"	28"

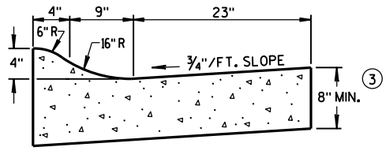


(6" SLOPED CURB)



(4" SLOPED CURB)

TYPES A & D ①



4" SLOPED CURB TYPES R & T ① ④

CONCRETE CURB & GUTTER 36"

GENERAL NOTES

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

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB & GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE. A LONGITUDINAL CONSTRUCTION JOINT IS NOT REQUIRED WITH INTEGRAL CURB AND GUTTER.

WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

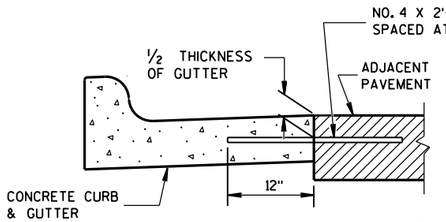
① TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K, R AND TBTT.

② 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.

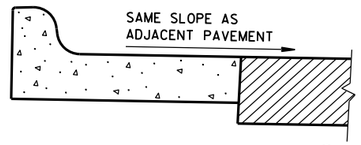
③ THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

④ THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

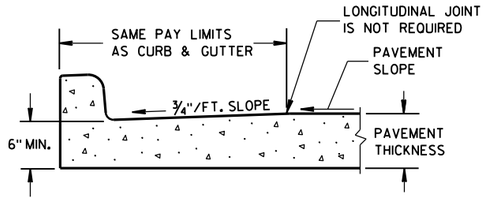
⑤ WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.



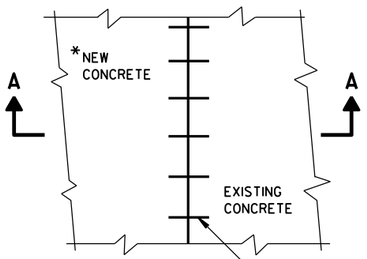
TYPICAL TIE BAR LOCATION ①



REVERSE SLOPE GUTTER ⑤
(TYPICAL FOR ALL CURB & GUTTER TYPES)

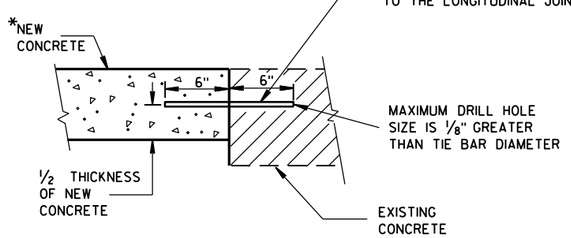


PARTIAL SECTION OF PAVEMENT
WITH INTEGRAL CURB & GUTTER



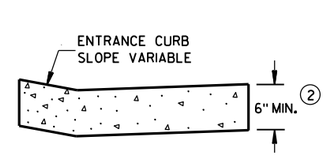
PLAN VIEW

*NEW CURB & GUTTER, SURFACE DRAINS, CONCRETE PAVEMENT OR OTHER NEW CONCRETE.

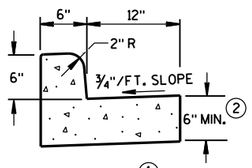


SECTION A-A

TIE BARS DRILLED
INTO EXISTING PAVEMENT

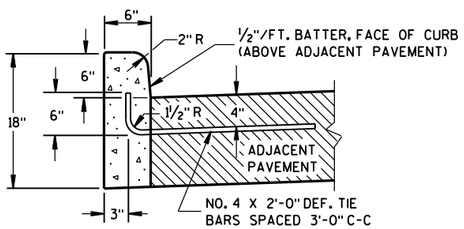


DRIVEWAY ENTRANCE CURB
(WHEN DIRECTED BY THE ENGINEER)

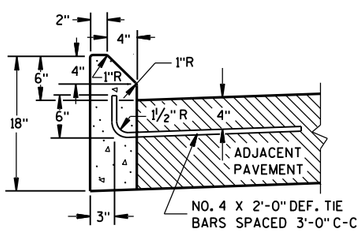


① TYPES A & D

CONCRETE CURB & GUTTER 18"

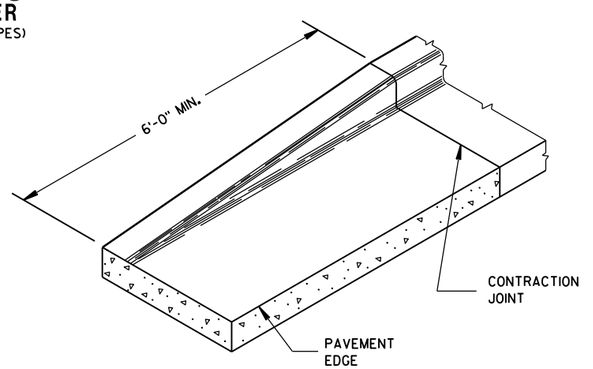


① TYPES A & D



① TYPES G & J

CONCRETE CURB



END SECTION CURB & GUTTER

CONCRETE CURB, CONCRETE CURB & GUTTER AND TIES

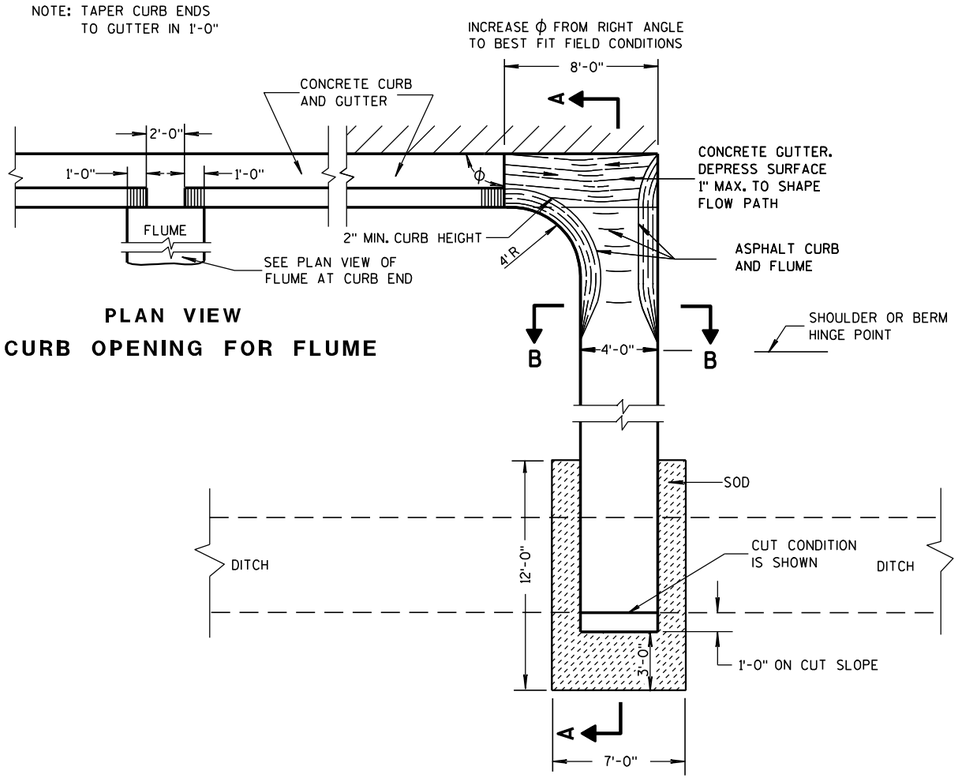
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

6

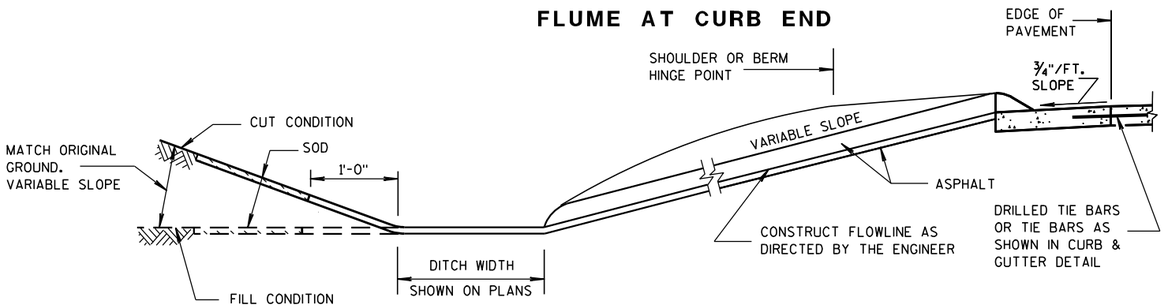
S.D.D. 8 D 1-18

ASPHALTIC FLUME

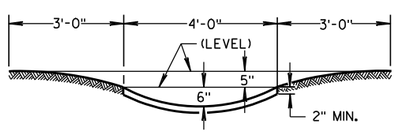


PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



SECTION A-A



SECTION B-B

GENERAL NOTES

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

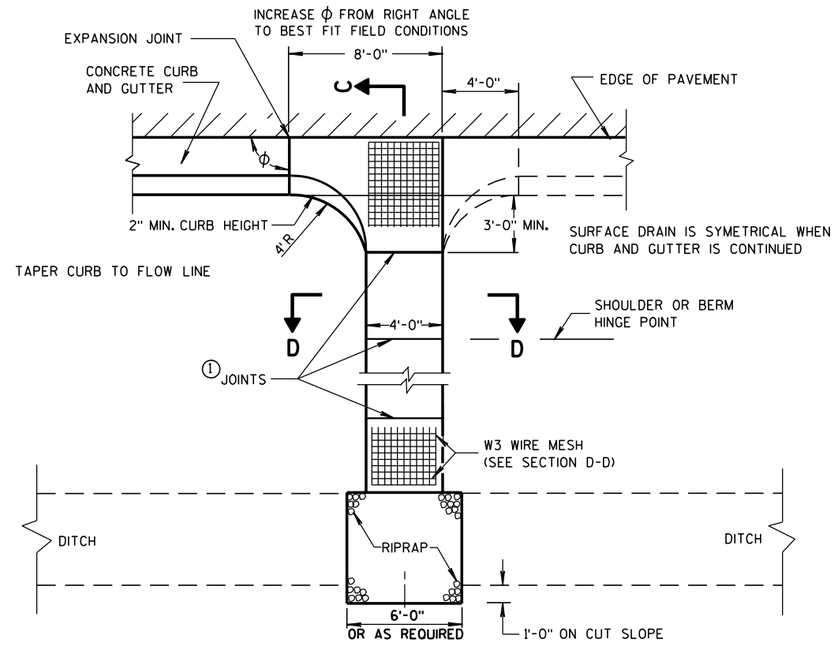
WELDED STEEL WIRE FABRIC SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

① JOINTS SHALL BE $\frac{1}{8}$ TO $\frac{1}{4}$ INCH WIDE BY $1\frac{1}{2}$ INCHES DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.

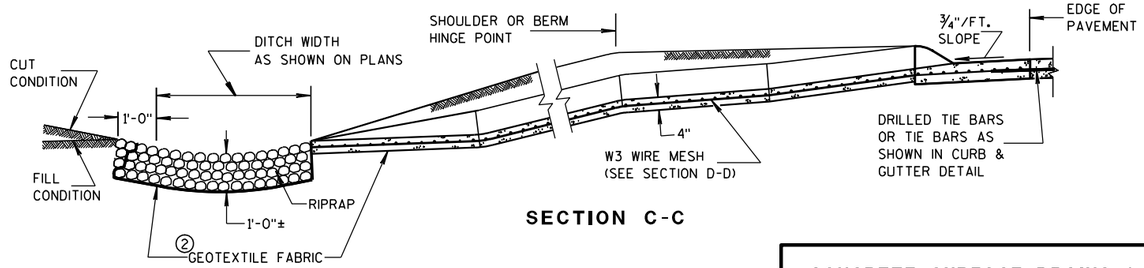
② GEOTEXTILE FABRIC TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.

③ CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED

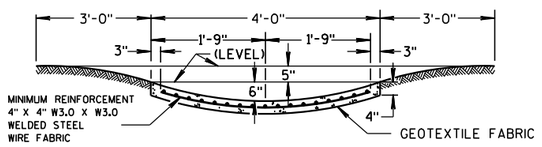
③ CONCRETE SURFACE DRAIN



PLAN VIEW



SECTION C-C



SECTION D-D

CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

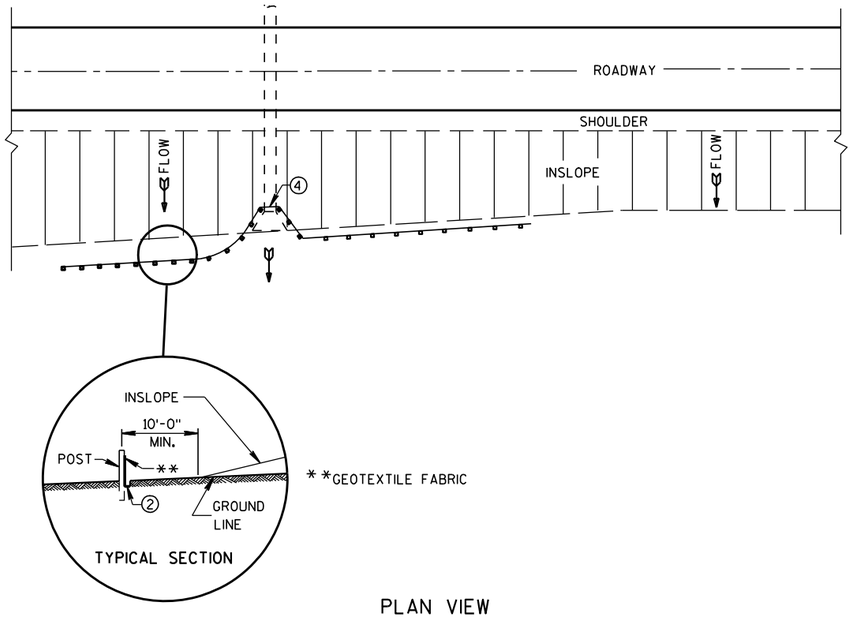
APPROVED
9-4-08 DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER
MENT
FHWA

6

S.D.D. 8 D 4-5

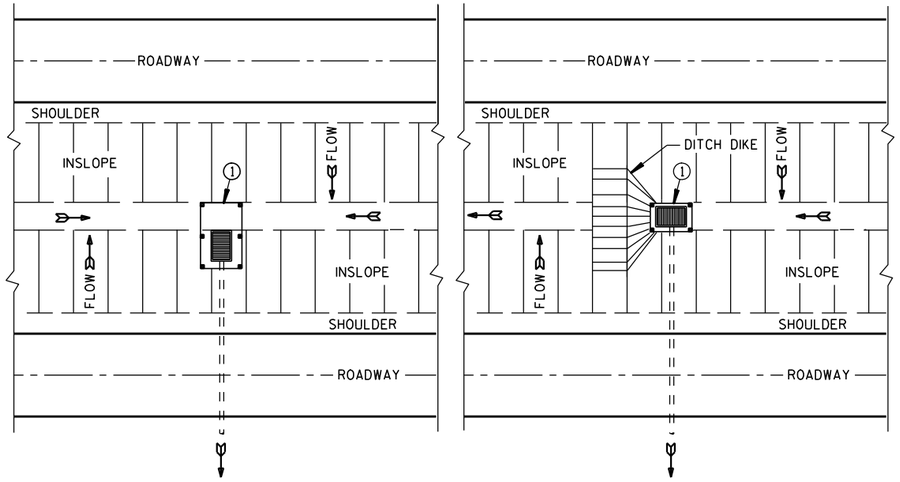
6

S.D.D. 8 D 4-5



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



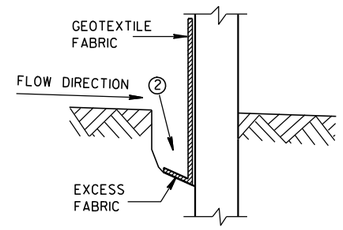
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

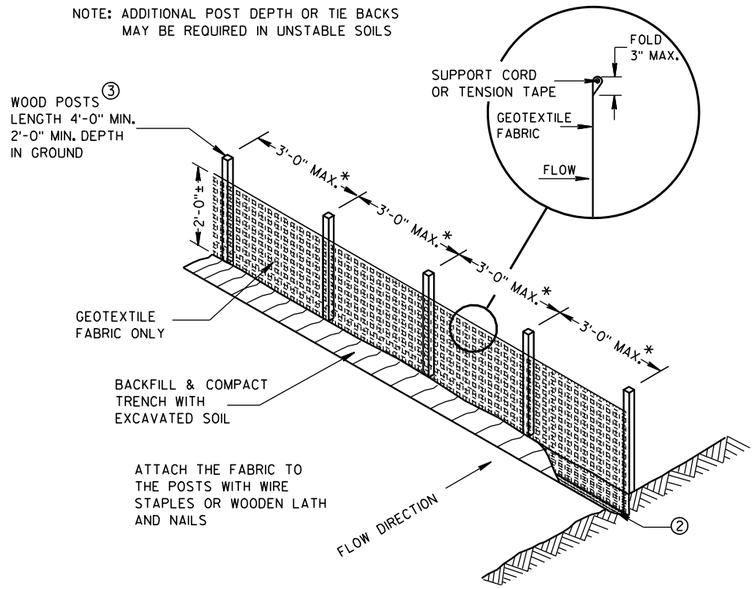
GENERAL NOTES

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

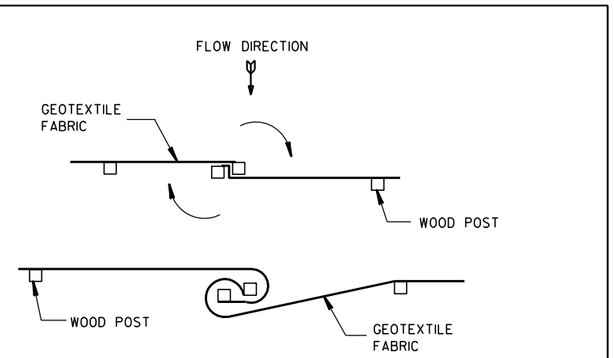
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



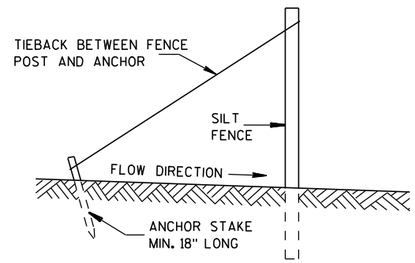
TRENCH DETAIL



SILT FENCE



JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 E 9-6

6

S.D.D. 8 E 9-6

METAL APRON ENDWALLS

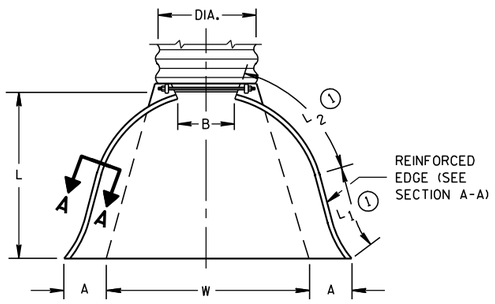
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

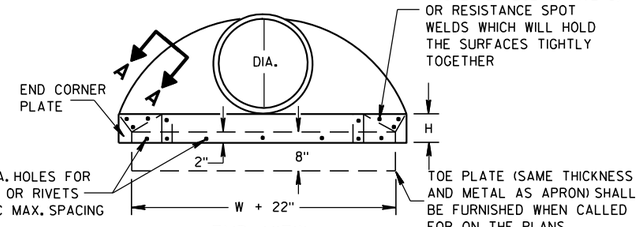
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

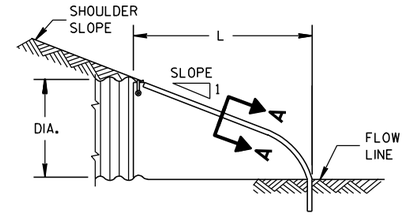
*MINIMUM
**MAXIMUM



PLAN VIEW

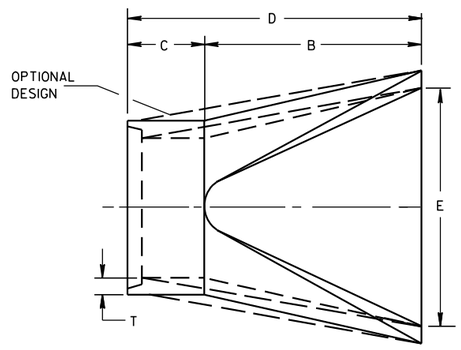


END VIEW

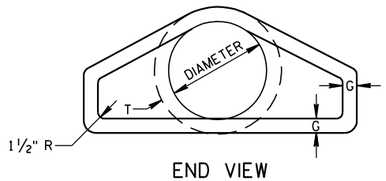


SIDE ELEVATION

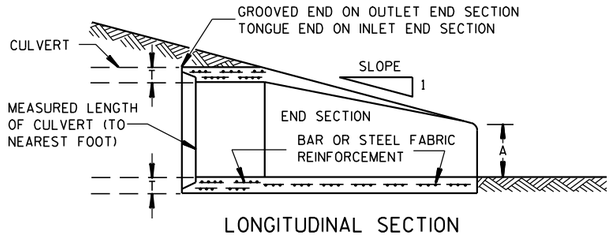
METAL ENDWALLS



PLAN

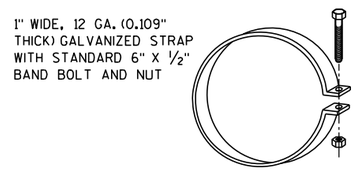


END VIEW



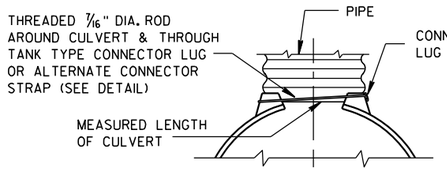
LONGITUDINAL SECTION

CONCRETE ENDWALLS

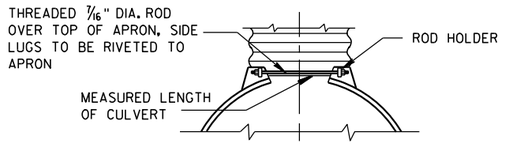


ALTERNATE FOR TYPE 1 CONNECTION

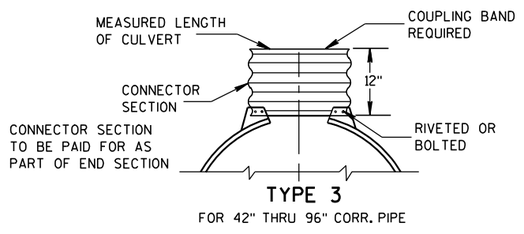
END SECTION CONNECTOR STRAP



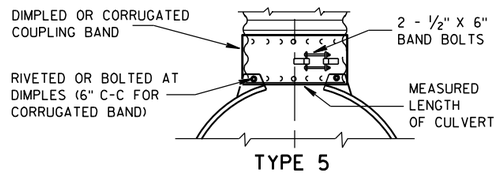
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

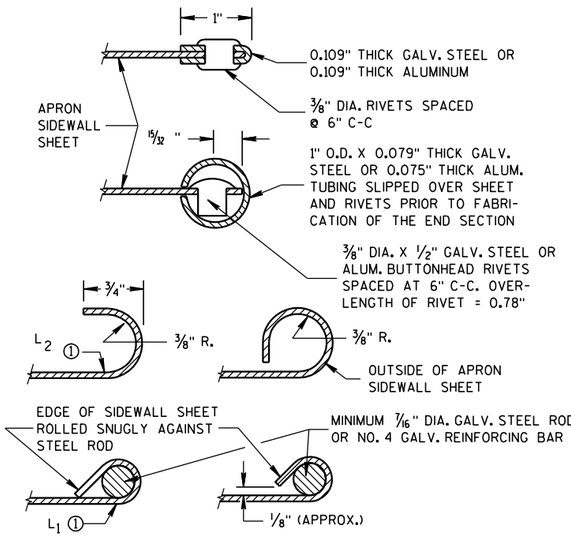
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

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.

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

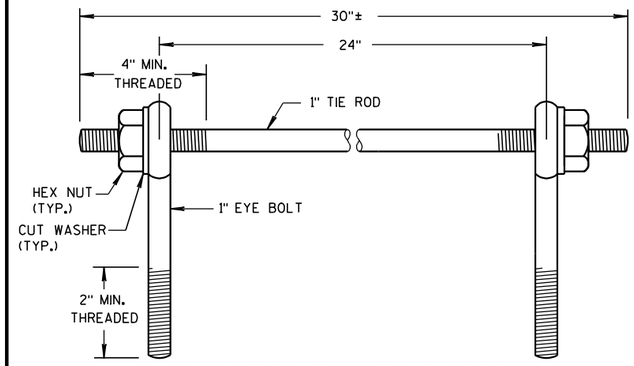
① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

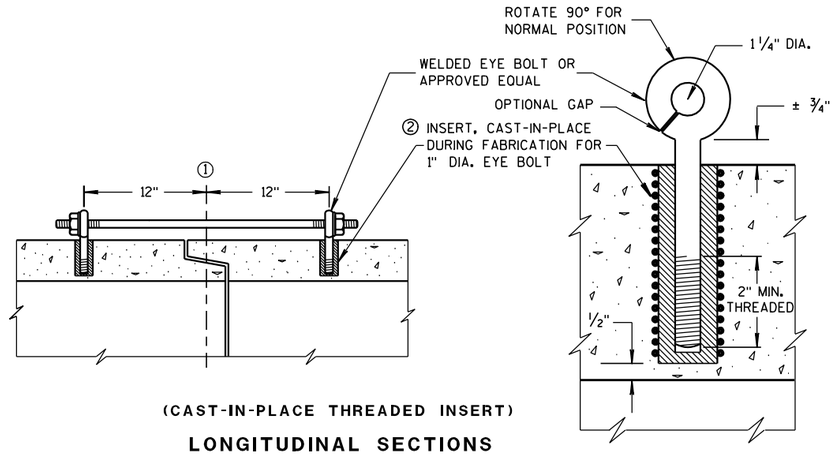
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 F 1-11



EYE BOLTS AND TIE ROD



(CAST-IN-PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

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

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

① ℄ OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

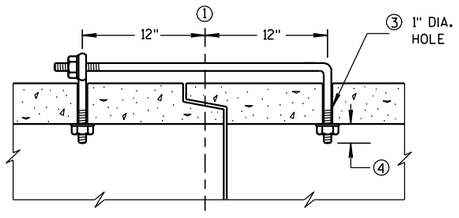
② THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

③ HOLES SHALL BE CAST-IN-PLACE OR DRILLED 12 INCHES FROM ℄ OF TONGUE AND GROOVE.

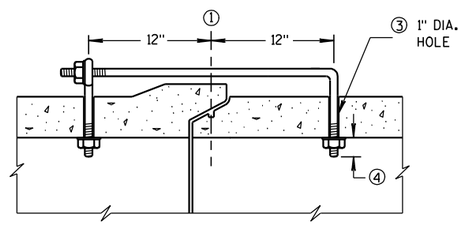
④ BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

⑤ OPENING TO BE ROD DIAMETER PLUS 1 INCH.

⑥ LENGTH ADEQUATE TO EXTEND TO WITHIN 1/2 INCH OF THE INNER SURFACE OF THE PIPE.



(TONGUE & GROOVE PIPE)

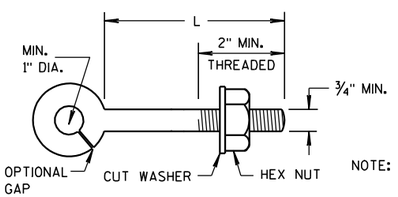


(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

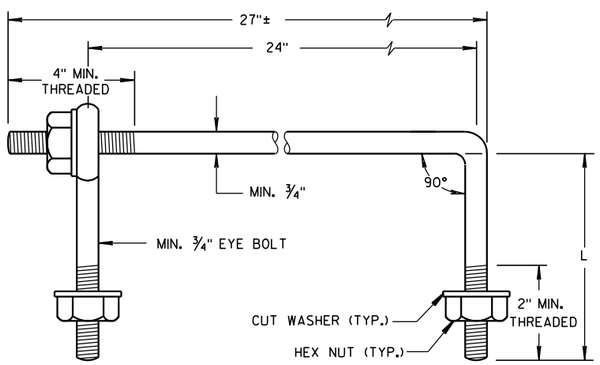
EYE BOLT DIMENSION TABLE

PIPE SIZE	L = LENGTH	
	TONGUE & GROOVE PIPE	MODIFIED BELL PIPE
18" TO 24"	4 1/2"	6 1/4"
30"	5"	7"
36"	5 1/2"	7"
42"	6"	
48"	6 1/2"	
60"	7 1/2"	
66"	8"	



EYE BOLT

NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD

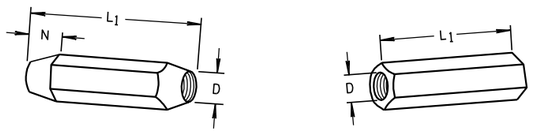
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12-60	5/8	5/8	5	1/2
66-84	3/4	3/4	5	1/2
90-108	1	1	7	1 1/16

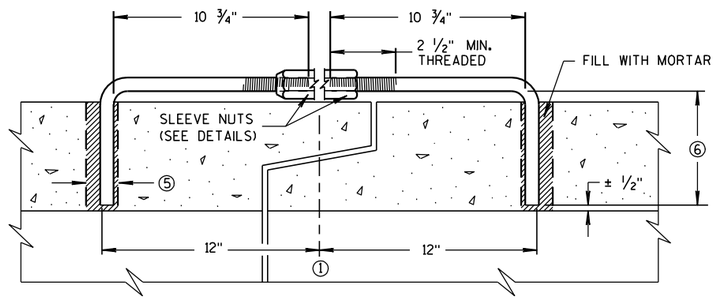
DIMENSIONS SHOWN ARE IN INCHES



TAPERED PLAIN

RIGHT AND LEFT THREADS

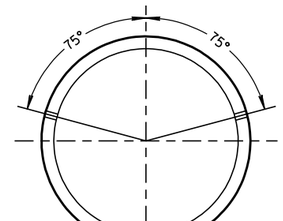
SLEEVE NUTS



LONGITUDINAL SECTION

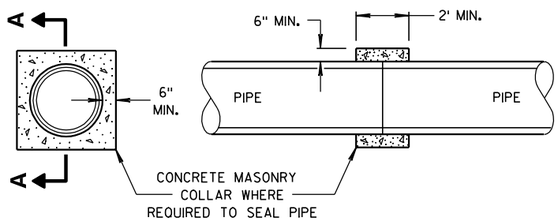
(JOINT TIES FOR 12" TO 108" DIA. CONCRETE PIPE)

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A-A

CONCRETE COLLAR DETAIL

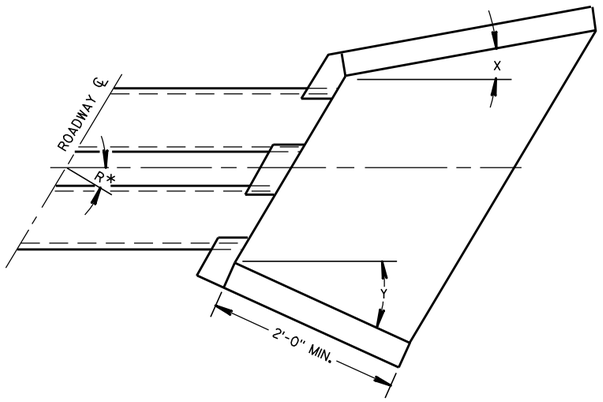
JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/5/2012 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
207
FHWA

6

S.D.D. 8 F 4-7



WINGWALL ANGLE DETAILS

INLET			OUTLET		
R*	X	Y	R*	X	Y
0 - 7°	30°	30°	0 - 15°	15°	15°
8 - 22°	25°	"	16 - 45°	10°	"
23 - 37°	20°	"	46 - 75°	5°	"
38 - 52°	15°	"	OVER 75°	0°	"
53 - 67°	10°	"			
68 - 82°	5°	"			
OVER 82°	0°	"			

*R = NUMBER OF DEGREES RIGHT OR LEFT HAND FORWARD

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.

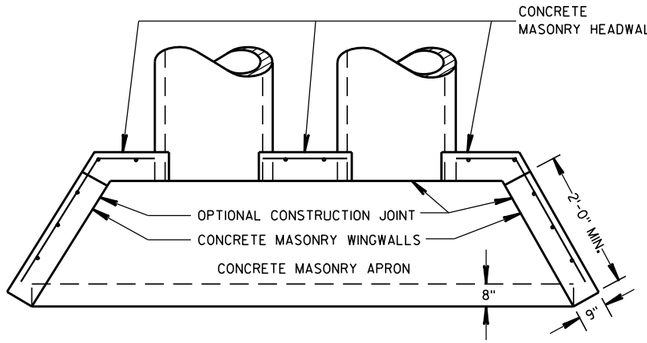
FILL SLOPES FLATTER THAN 2 ½:1 SHALL BE WARPED TO MEET THE TOP OF THE WINGWALLS.

ALL STEEL REINFORCEMENT AND WELDED STEEL WIRE FABRIC SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE NOTED.

(1) MINIMUM REINFORCEMENT SHALL BE 6" X 6" - W4.0 X W4.0 OR NO. 3 BARS SPACED 12" C-C IN BOTH DIRECTIONS.

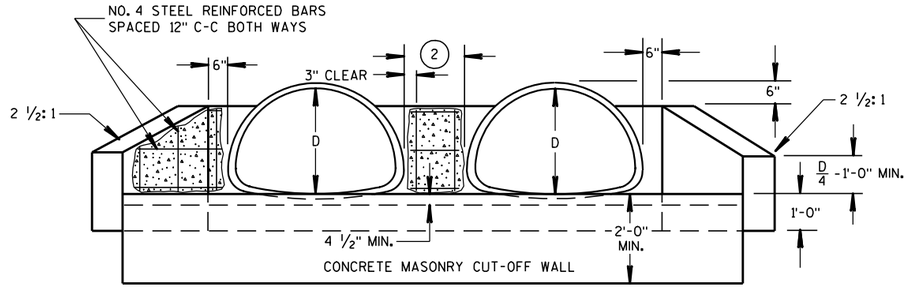
(2) THE SPACE BETWEEN PIPES SHALL BE AS FOLLOWS:

DIAMETER OR SPAN	SPACE
UP TO AND INCLUDING 48"	2'-0"
OVER 48" TO 72"	½ DIA. OR SPAN
OVER 72"	3'-0"



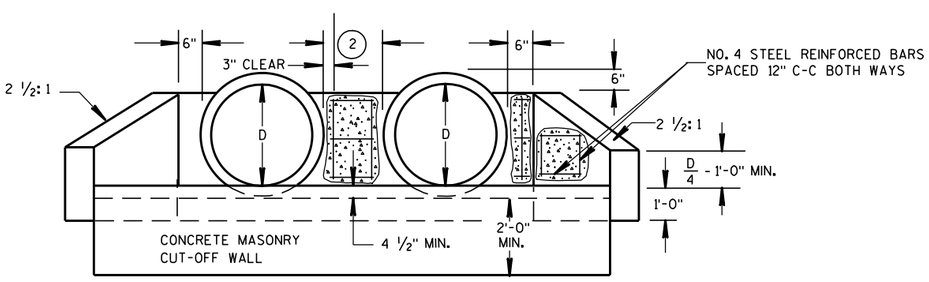
PLAN VIEW

CULVERT PIPE AND PIPE ARCH



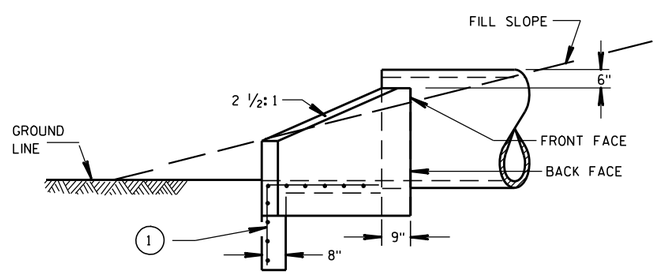
END ELEVATION

PIPE ARCH



END ELEVATION

CULVERT PIPE



SIDE ELEVATION

CULVERT PIPE AND PIPE ARCH

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

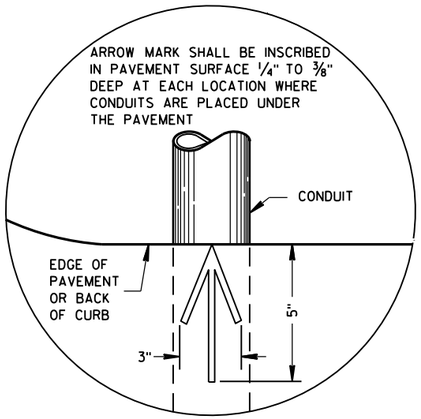
APPROVED
9/14/98 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 F 10-1

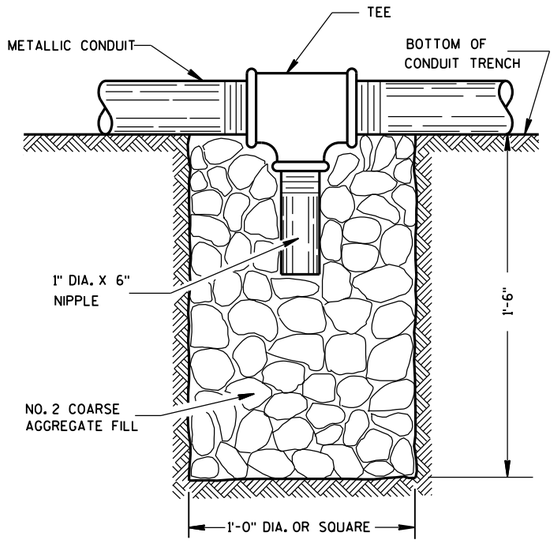
6

S.D.D. 8 F 10-1



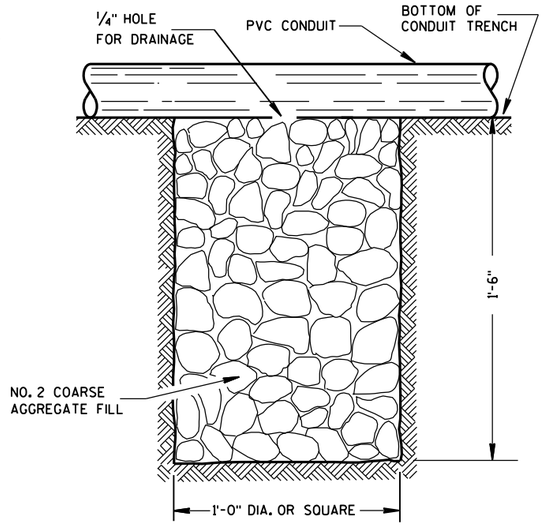
PLAN VIEW

ARROW MARK



NOTE: INSTALL AT LOCATIONS WHERE METALLIC CONDUITS CANNOT BE PITCHED TO DRAIN INTO A PULL BOX.

DRAIN SUMP FOR METALLIC CONDUIT



NOTE: INSTALL AT LOCATIONS WHERE PVC CONDUITS CANNOT BE PITCHED TO DRAIN INTO A PULL BOX.

DRAIN SUMP FOR PVC CONDUIT

GENERAL NOTES

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

METALLIC (STANDARD SPECIFICATION 652.2.2) OR NONMETALLIC (STANDARD SPECIFICATION 652.2.3) CONDUIT SHALL BE FURNISHED AND PLACED AS SHOWN.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

ALL METALLIC CONDUIT IN WHICH WIRE OR CABLE IS TO BE INSTALLED SHALL BE BUSHED WITH APPROVED THREADED BUSHINGS BEFORE INSTALLATION OF THE WIRE OR CABLE.

ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT TO BE INSTALLED SHALL BE CAPPED WITH THREADED PROTECTIVE CAPS, AS APPROVED BY THE ENGINEER.

ALL NONMETALLIC CONDUIT SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER INSTALLATION AND SHALL REMAIN CAPPED OR PLUGGED UNTIL WIRE/CABLES ARE INSTALLED.

NONMETALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR EMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.

ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON NONMETALLIC CONDUIT. (SEE NEC 347.5)

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY U.L. LISTED ADAPTER FITTINGS SHALL BE USED.

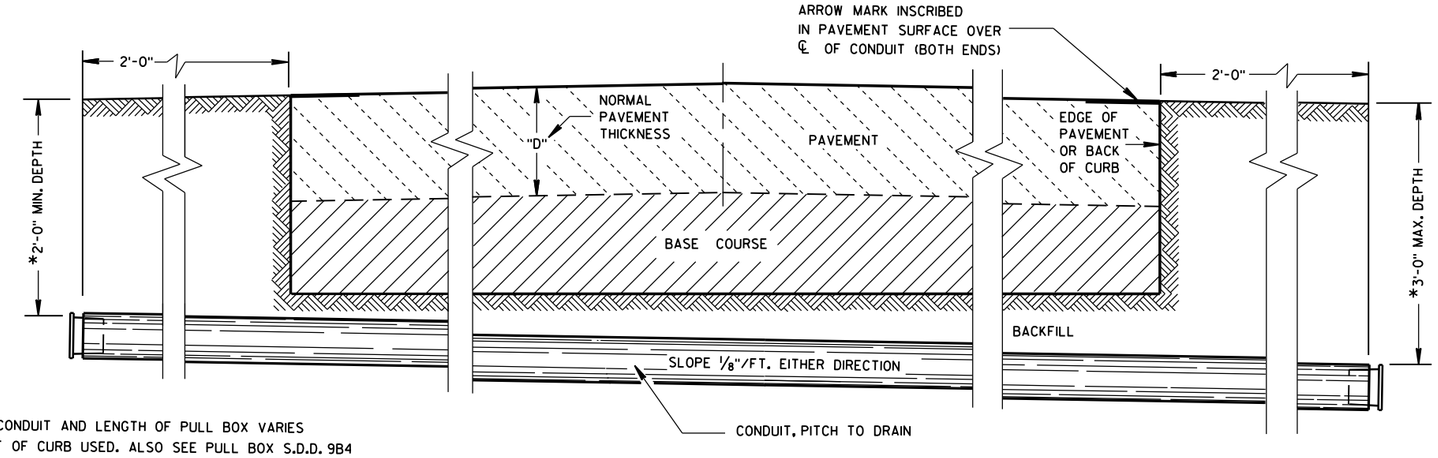
PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

ALL CONDUIT BEING FURNISHED AND INSTALLED SHALL HAVE THE U.L. LABEL FIRMLY ATTACHED.

CONDUIT RUNS SHALL BE THE SAME SIZE OF CONDUIT FROM ONE END TO THE OTHER (FROM PULL BOX TO PULL BOX-OR-JUNCTION BOX TO JUNCTION BOX-OR-BASE TO BASE, ETC.).

TRACER WIRE SHALL BE INSTALLED AS STATED IN THE STANDARD SPECIFICATION, ITEM 652.3.1.1.

ALL CONDUIT RUNS SHALL BE STRAIGHT (WITHOUT BENDS) FROM PULL BOX TO PULL BOX, PULL BOX TO BASE AND BASE TO BASE AS SHOWN ON THE PLANS.



*DEPTH OF CONDUIT AND LENGTH OF PULL BOX VARIES WITH HEIGHT OF CURB USED. ALSO SEE PULL BOX S.D.D. 9B4

SIDE ELEVATION

DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

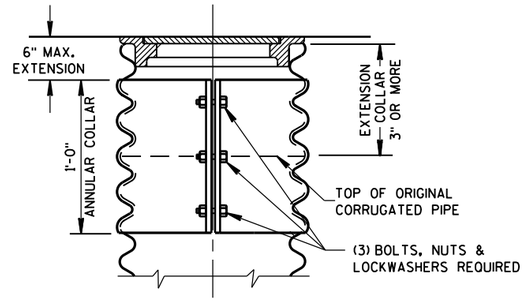
S.D.D. 9 B 2-9

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

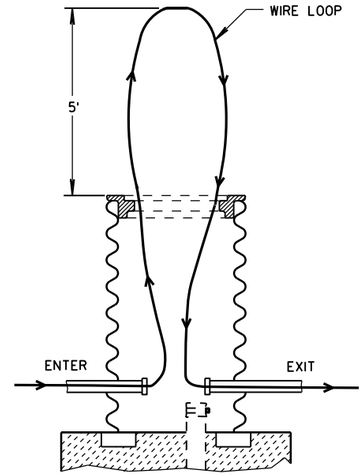
DIMENSION IN INCHES		CORRUGATED STEEL PIPE								
PIPE DIAMETER (INSIDE)	A	12	12	12	18	18	18	24	24	24
PIPE LENGTH **	B	24	30	36	24	30	36	36	42	48
WALL THICKNESS	C	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064
COVER	D	10 1/4	10 1/4	10 1/4	16 1/4	16 1/4	16 1/4	22 1/4	22 1/4	22 1/4
FRAME	E	14 1/2	14 1/2	14 1/2	20 1/2	20 1/2	20 1/2	26 1/2	26 1/2	26 1/2
FRAME	F	8 1/2	8 1/2	8 1/2	14 1/2	14 1/2	14 1/2	20 1/2	20 1/2	20 1/2
FRAME	G	11 1/2	11 1/2	11 1/2	17 1/2	17 1/2	17 1/2	23 1/2	23 1/2	23 1/2
WEIGHT IN POUNDS *										
FRAME AND COVER		60	60	60	110	110	110	155	155	155

* THE ACTUAL WEIGHT OF THE MANHOLE FRAME AND COVER MAY VARY WITHIN 5 PERCENT PLUS OR MINUS OF THE WEIGHTS SHOWN.

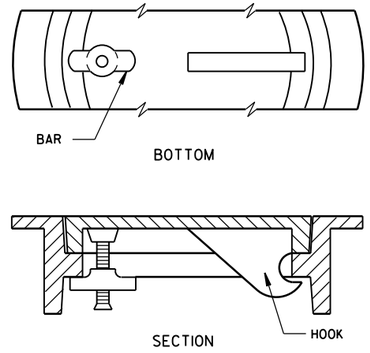
** NORMALLY USED LENGTHS. THE PROJECT ENGINEER SHALL DETERMINE IF PIPE LENGTHS, OTHER THAN THOSE SPECIFIED, SHALL BE USED, TO A MAXIMUM OF 48" (CONTINUOUS LENGTH, NON-SPLICED). THE ADDITIONAL LENGTH SHALL BE INCIDENTAL TO THE PULL BOX BID PRICE.



CORRUGATED PIPE EXTENDER

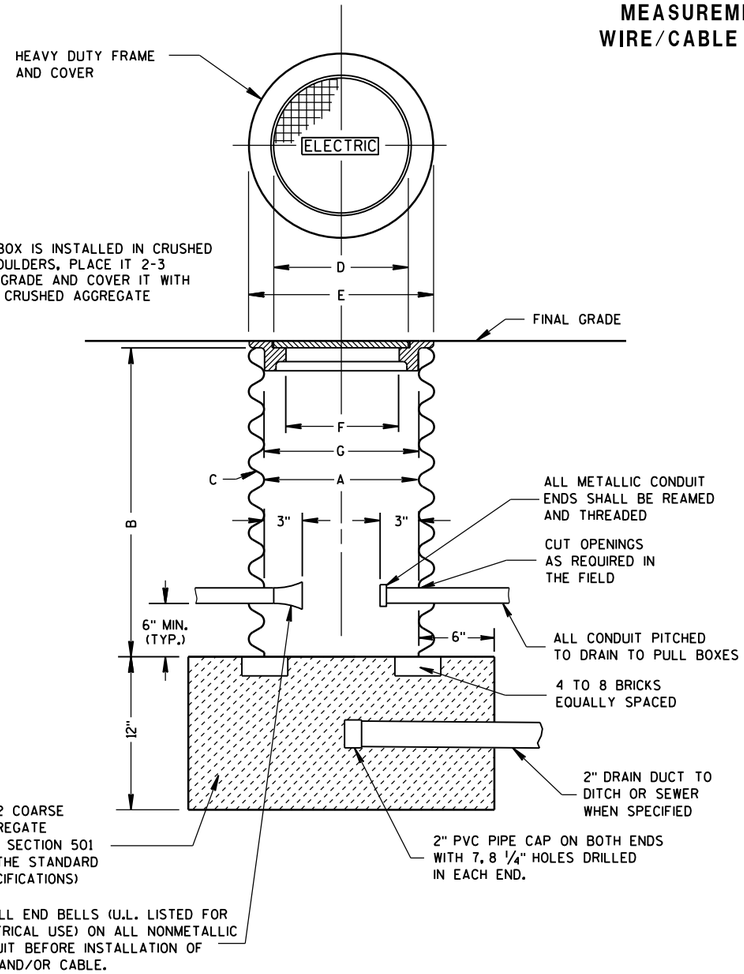


MEASUREMENT DETAIL FOR WIRE/CABLE IN THE PULL BOX



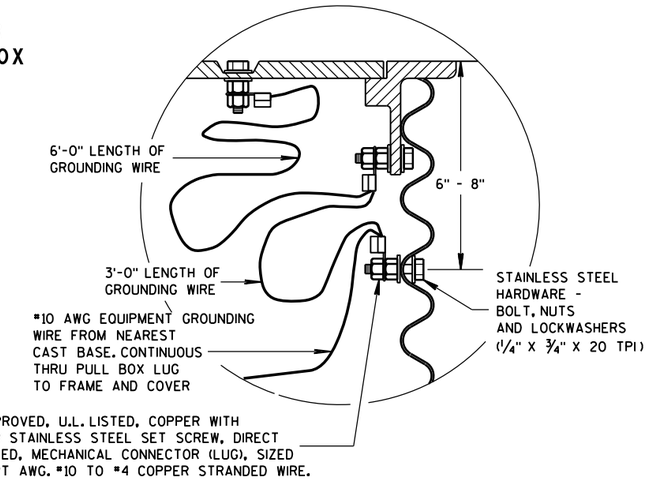
ALTERNATE COVER (LOCKING)

TIGHTENING BAR TYPE

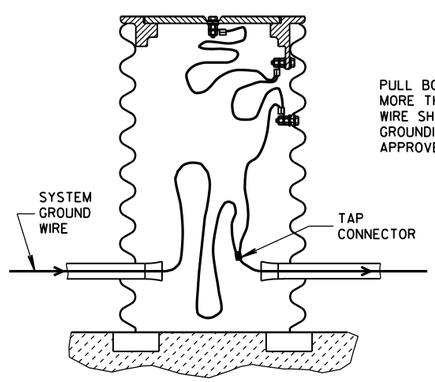


WHEN A PULL BOX IS INSTALLED IN CRUSHED AGGREGATE SHOULDERS, PLACE IT 2-3 INCHES BELOW GRADE AND COVER IT WITH 2-3 INCHES OF CRUSHED AGGREGATE

PULL BOX



EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES



PULL BOX TO NEAREST BASE DISTANCE MORE THAN 20 FEET. PULL BOX GROUND WIRE SHALL CONNECT AT SYSTEM GROUNDING WIRE. USE DEPARTMENT APPROVED TAP CONNECTOR.

EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES

GENERAL NOTES

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

ALL FRAMES AND COVERS SHALL BE HEAVY DUTY TYPE, SUITABLE FOR VEHICULAR TRAFFIC LOADS.

PULL BOXES LOCATED IN THE ROADWAYS SHALL HAVE LOCKING COVERS.

ENTRANCE HOLES INTO PULL BOXES SHALL BE CUT WITH A CIRCULAR HOLE SAW OR HYDRAULIC CONDUIT PUNCH. HOLE SIZE SHALL BE THE OUTSIDE DIAMETER OF THE CONDUIT THAT IS TO FIT IN THE OPENING PLUS NO MORE THAN 1/4".

THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

GROUNDING LUGS (MECHANICAL CONNECTORS) SHALL BE U.L. LISTED AND APPROVED FOR USE WITH COPPER WIRE.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

WHEN PULL BOXES ARE INSTALLED FOR FUTURE USE, DO NOT INSTALL THE EQUIPMENT GROUNDING LUG. THE EQUIPMENT GROUNDING LUG, THE EQUIPMENT GROUNDING ELECTRODE AND THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE REQUIRED AND INSTALLED UNDER A FUTURE WIRING CONTRACT.

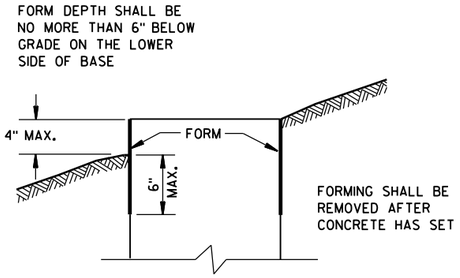
PULL BOX

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

S.D.D. 9 B 4-11



FORMING DETAIL

QUANTITY REQUIREMENTS	CONCRETE BASE TYPE		
	1	2	5 & 6
APPROX. CUBIC YARDS OF CONCRETE	0.40	0.57	0.40
LBS. OF HOOP BAR STEEL	NONE	23	16
LBS. OF VERTICAL BAR STEEL	NONE	60	18

GENERAL NOTES

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

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE AS SHOWN ON THE PLANS.

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN AT THE ENTRANCE OF THE BASE.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

GENERAL NOTES (CONTINUED)

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG, STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD) FOR TYPE 1, TYPE 2, TYPE 5, AND TYPE 6 BASES.

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE OF THE TYPE 2 AND TYPE 5 BASES THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD. ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 OF THE STANDARD SPECIFICATIONS.

WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4" "L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND END SHALL NOT BE THREADED.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL BY THE ENGINEER.

(2) (4) 1" DIA. X 3'-6" ANCHOR RODS.

(3) (4) 1" DIA. X 5'-0" ANCHOR RODS.

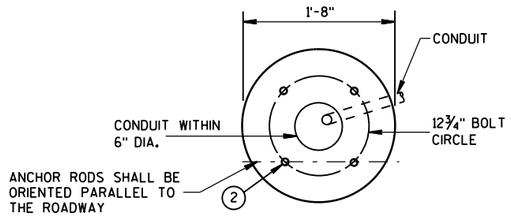
(4) (6) NO. 6 X 6'-8" BAR STEEL REINFORCEMENT.

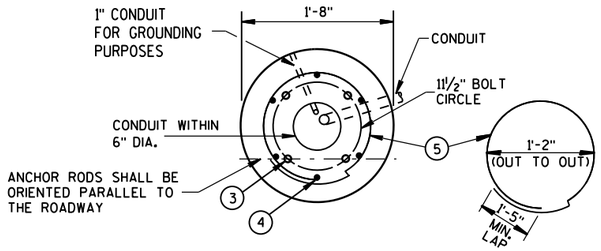
(5) (7) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.

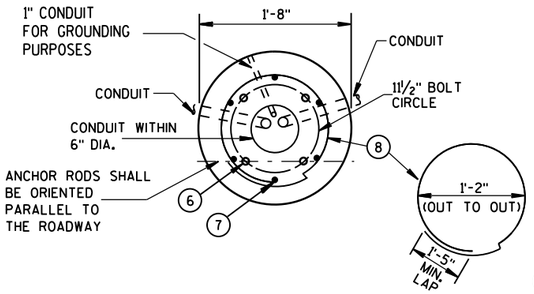
(6) (4) 1" DIA. X 3'-6" ANCHOR RODS.

(7) (6) NO.4 X 4'-8" BAR STEEL REINFORCEMENT.

(8) (5) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.

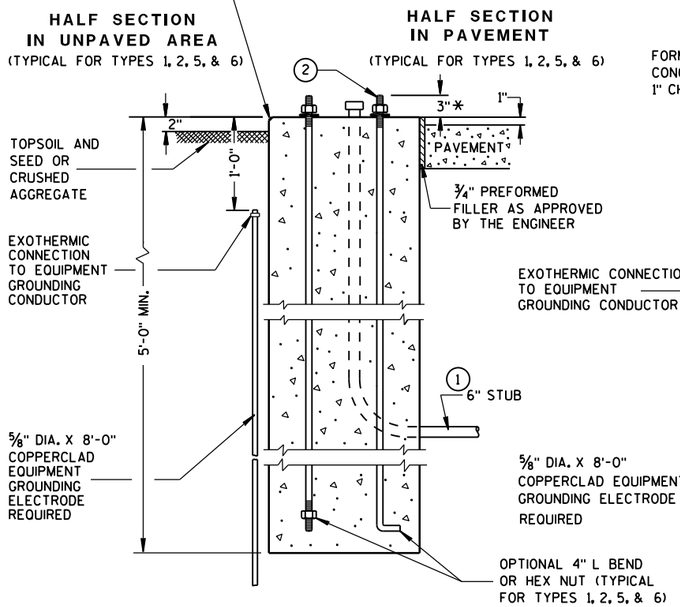






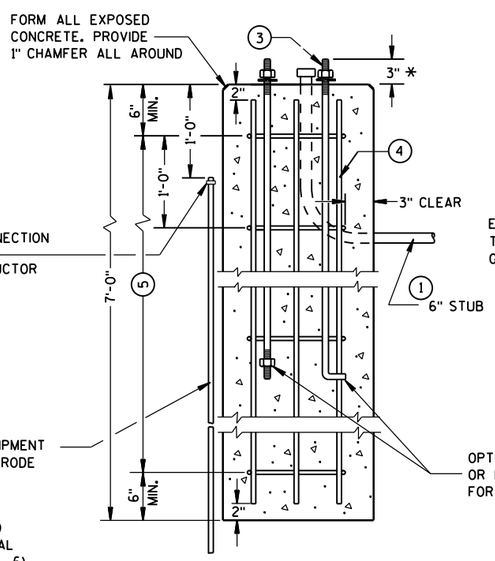
HALF SECTION IN UNPAVED AREA

(TYPICAL FOR TYPES 1, 2, 5, & 6)

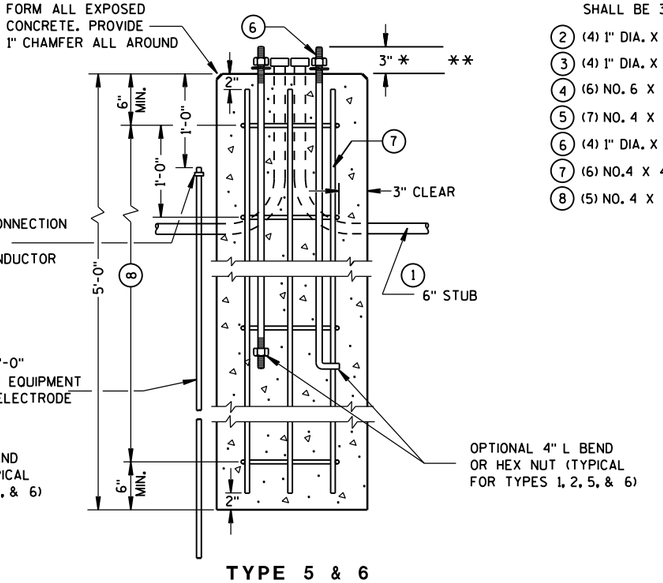


HALF SECTION IN PAVEMENT

(TYPICAL FOR TYPES 1, 2, 5, & 6)



TYPE 2



TYPE 5 & 6

CONCRETE BASES

* ANY ANCHOR ROD PROJECTION SHORTER THAN 2¾" OR LONGER THAN 3¼" SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

** FOR NONBREAKAWAY INSTALLATIONS, 4½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

CONCRETE BASES, TYPES 1, 2, 5, & 6

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

S.D.D. 9 C 2-7

GENERAL NOTES

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

FOUR (4) BOLTS SHALL BE FURNISHED WITH EACH TRANSFORMER BASE. BOLTS SHALL BE 1" DIAMETER, 4" IN LENGTH, WITH WASHERS, LOCK WASHERS AND NUTS. BOLTS, NUTS AND WASHERS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 641.2.2 OF THE STANDARD SPECIFICATIONS.

LEVELING SHIMS, IF NEEDED, SHALL BE DESIGNED FOR THE PURPOSE AND USED UNDER CAST BASES WHEN PLUMBING POLES OR STANDARDS DURING INSTALLATION. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE.

SHIM LENGTH SHALL BE LONG ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.

DOUBLE NUTTING IS NOT ACCEPTABLE FOR LEVELING OR MOUNTING PURPOSES.

A NEMA APPROVED, U.L. LISTED, COPPER WITH BRASS OR STAINLESS STEEL SET SCREW, DIRECT BURY RATED, MECHANICAL CONNECTOR (LUG), SIZED TO ACCEPT AWG. #10 TO #4 COPPER STRANDED WIRE SHALL BE FURNISHED AND INSTALLED IN THE PEDESTAL AND TRANSFORMER BASES.

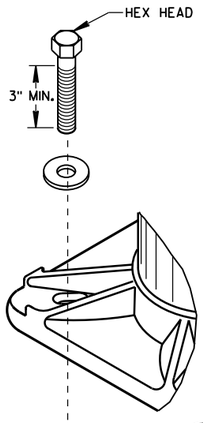
THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

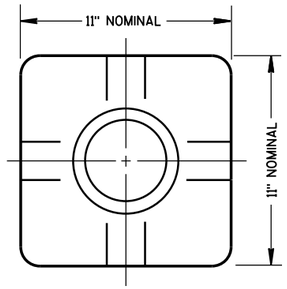
SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, LOCK WASHER - THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

PEDESTAL BASE COLLAR THREADING SHALL BE TAPERED AND IN ACCORDANCE WITH NATIONAL PIPE THREADING DIMENSIONS.

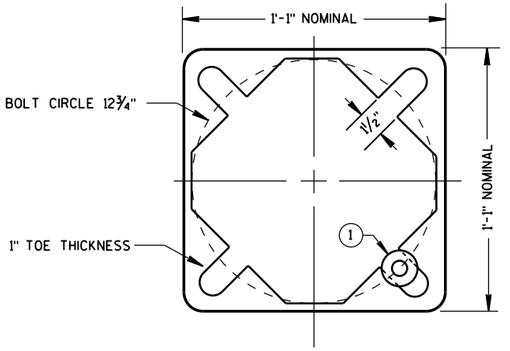
BASE COLLAR THREADING SHALL EXTEND INTO THE BASE COLLAR WITH SUFFICIENT DEPTH TO ACCEPT THE INSTALLATION OF TRAFFIC SIGNAL STANDARDS TO A DEPTH OF 1 1/2", THEN TIGHTENING TO A POINT OF BEING IMMOVABLE.

THE ACCESS DOOR SHALL BE OF THE SAME MATERIAL AS THE BASE.

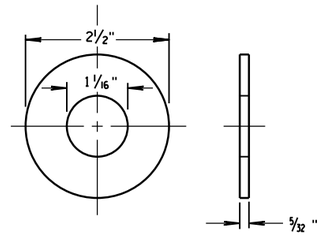




TOP VIEW
(PEDESTAL BASE)

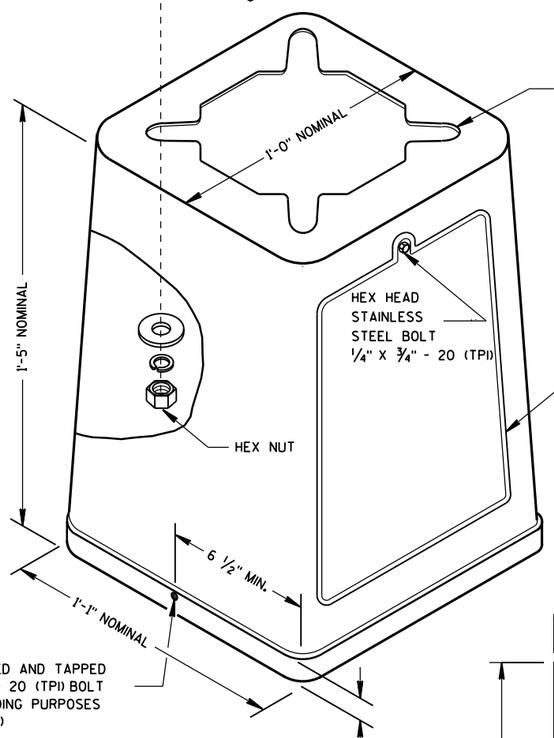


BOTTOM VIEW
(PEDESTAL BASE)

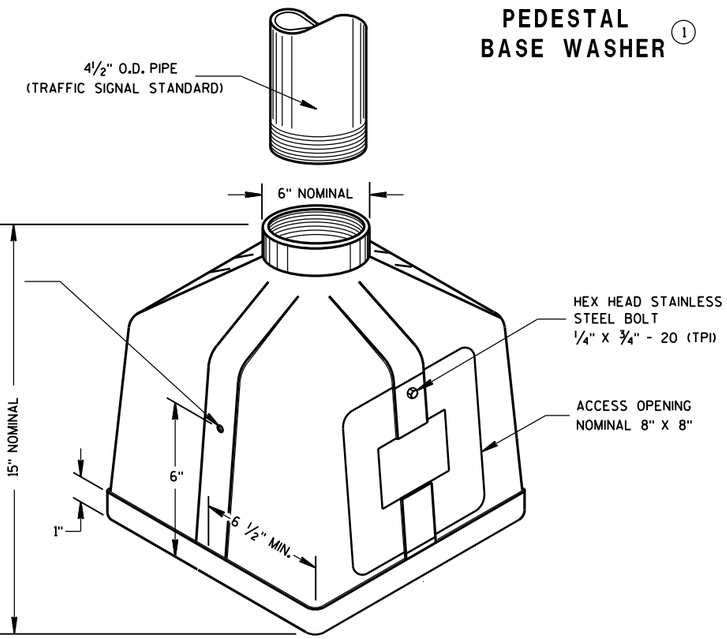


ZINC COATED STEEL WASHER
TO BE PROVIDED BY THE CONTRACTOR

PEDESTAL BASE WASHER (1)

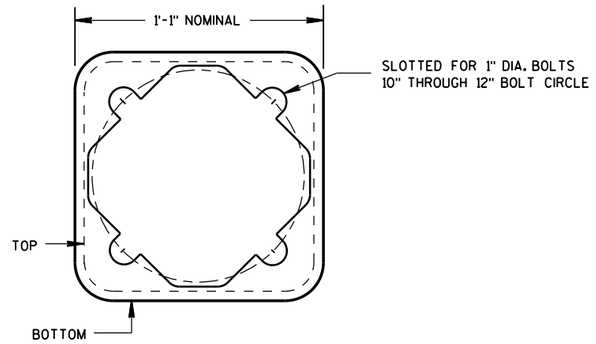


ISOMETRIC VIEW

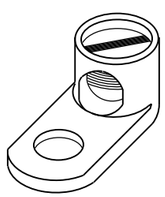


ISOMETRIC VIEW

PEDESTAL BASE



BOTTOM VIEW
(TRANSFORMER BASE)

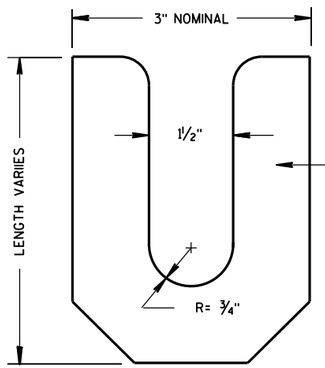


TYPICAL MECHANICAL CONNECTOR LUG

TO BE FURNISHED WITH EACH BASE

TRANSFORMER BASE

INTENDED FOR USE WITH TYPE 2, 3, 4, 5 & 6 POLES



LEVELING SHIM

TRANSFORMER/PEDESTAL BASES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

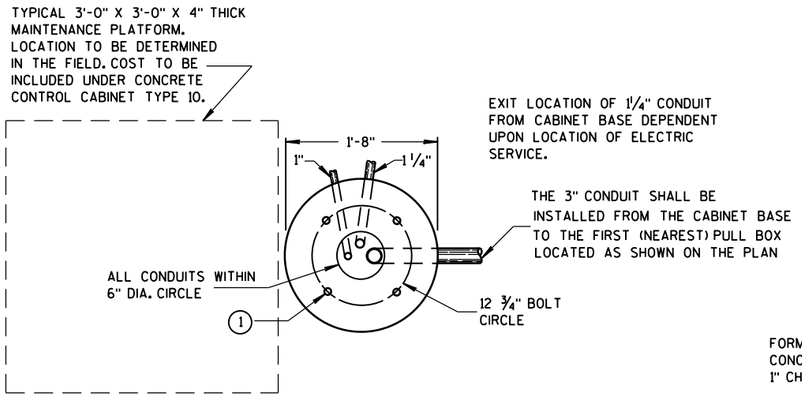
S.D.D. 9 C 3-4

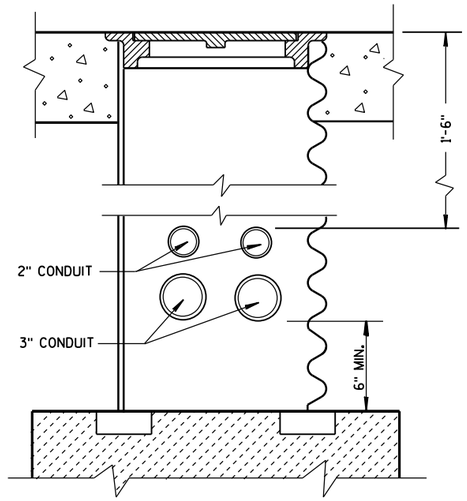
6

S.D.D. 9 C 3-4

CONTROL CABINET BASE TYPE	DIMENSIONS				C.Y. CONCRETE (APPROX.)
	H	I	J	K	
TYPE 6 - 30" CABINET	34"	60"	10"	17"	.64
TYPE 7 - 38" CABINET	42"	60"	10"	21"	.93
TYPE 8 - 38" CABINET	42"	72"	12"	21"	1.29
TYPE 9 - VARIABLE	54"	72"	14"	27"	1.56
TYPE 10 - POST MOUNT	AS SHOWN				.65 *

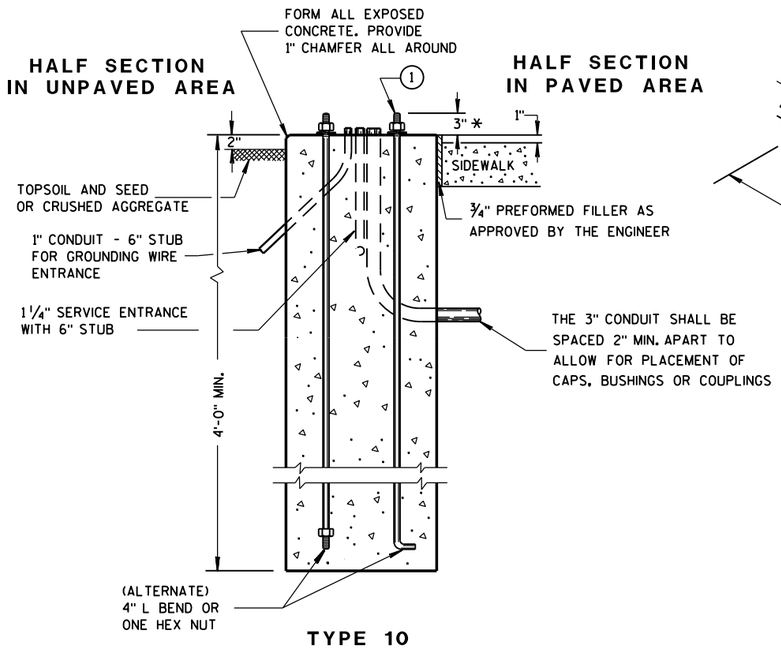
* INCLUDES MAINTENANCE PLATFORM.



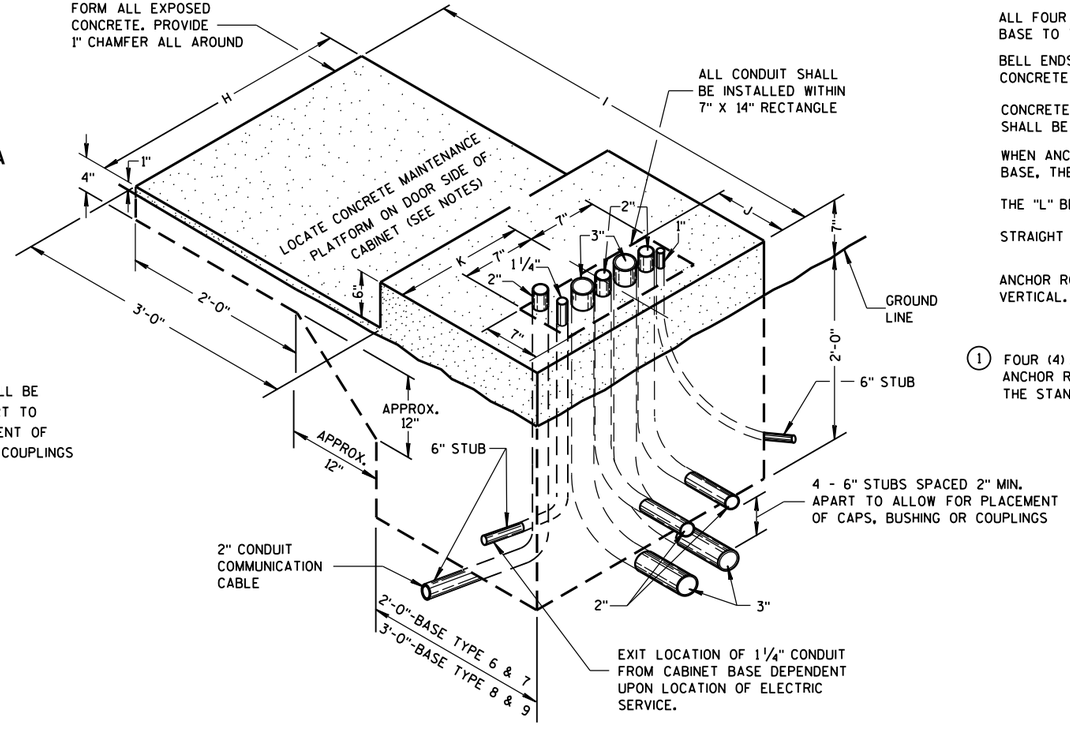


CONDUIT LOCATIONS IN 24" X 36" PULL BOX

(LEADING TO CONTROLLER CABINET BASE TYPE 6, 7, 8 AND 9)



TYPE 10



TYPE 6,7,8 AND 9
(ISOMETRIC VIEW)

* ANY ANCHOR ROD PROJECTION SHORTER THAN 2¾" OR LONGER THAN 3¼" SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

GENERAL NOTES

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

INSTALL FOUR ½ INCH MINIMUM DIAMETER X 4 INCH MINIMUM LENGTH APPROVED CONCRETE MASONRY ANCHORS WITH A PULLOUT STRENGTH OF 9,000 LBS. TO ANCHOR THE CABINET TO TYPE 6, 7, 8, AND 9 BASES. THE ANCHOR STUDS SHALL BE LOCATED AS DIRECTED BY THE ENGINEER TO PROPERLY ANCHOR THE CONTROL CABINET TO THE BASE.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 1 INCH.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

CONTROL CABINET BASE TOP SURFACES SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

WHEN A TYPE 10 CONTROL CABINET BASE IS USED TO POST MOUNT A CONTROL CABINET, A 36" SQUARE 4" THICK CONCRETE MAINTENANCE PLATFORM SHALL BE REQUIRED ON THE DOOR SIDE OF THE CABINET. THE TOP 1 INCH SHALL BE ABOVE FINISHED GRADE AND BE BROOM FINISHED AND LEVEL.

MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.

MINIMUM BENDING RADIUS OF CONDUIT = 6 X THE DIAMETER.

ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

ALL FOUR (TWO INCH AND THREE INCH) CONDUIT SHALL BE INSTALLED FROM THE CABINET BASE TO THE FIRST (NEAREST PULL BOX LOCATED AS SHOWN ON THE PLANS.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF THE CONCRETE BASE BEFORE INSTALLATION OF CABLE OR WIRE.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6" MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

WHEN ANCHOR RODS USING THE ALTERNATE L BEND ARE FURNISHED FOR THE TYPE 10 BASE, THE 4" L BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH.

THE "L" BEND SHALL NOT BE THREADED.

STRAIGHT ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

(1) FOUR (4) ANCHOR RODS, 1" DIA. X 3'-6". ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 OF THE STANDARD SPECIFICATIONS.

CONCRETE CONTROL CABINET BASES

CONCRETE CONTROL CABINET BASES

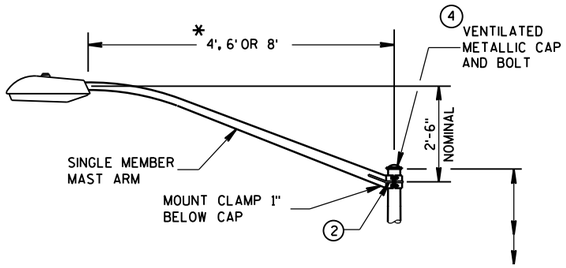
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

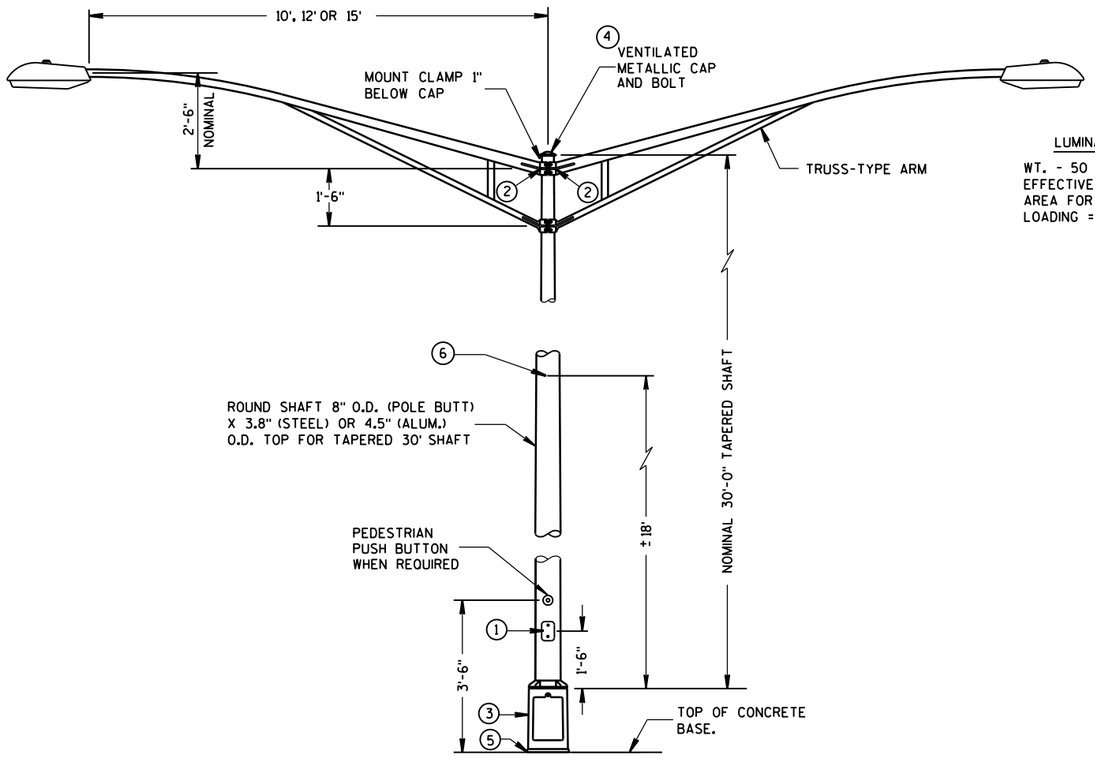
APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

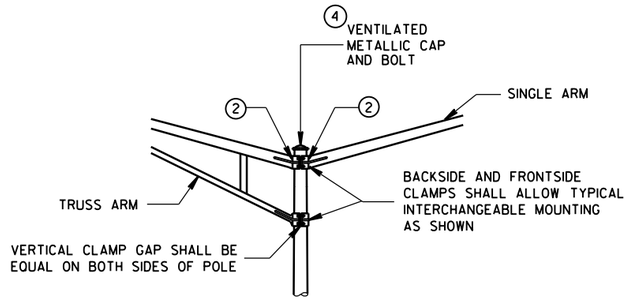
S.D.D. 9 C 5-9

*RISE FOR 4' ARM SHALL BE 2'-0".





TYPE 5 POLE MOUNTING CONFIGURATION
(MAXIMUM LOAD)
LIGHTING ONLY



INTERCHANGEABLE MOUNTING DETAIL

LUMINAIRE

WT. - 50 LBS.
EFFECTIVE PROJECTED
AREA FOR WIND
LOADING = 1.5 SQ. FT.

GENERAL NOTES

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

ALL TYPE 5 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE GALVANIZED STEEL OR ALUMINUM, AS CALLED FOR IN THE CONTRACT.

TYPE 5 ALUMINUM POLES SHALL BE CONSTRUCTED OF 6063-T6 ALUMINUM ALLOY. SLEEVING INSIDE THE POLE IS NOT ACCEPTABLE.

THE TYPE 5 ALUMINUM POLES SHALL HAVE A MINIMUM WALL THICKNESS OF 0.188".

TYPE 5 STEEL POLES SHALL HAVE A MINIMUM WALL THICKNESS OF U.S. STANDARD 11 GAGE (.1196").

THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 2⅜ INCHES IN OUTSIDE DIAMETER. THE STRAIGHT PORTION OF THE SLIPFITTER END OF THE LUMINAIRE ARM SHALL BE A NOMINAL 12 INCHES IN LENGTH.

WHEN TRANSFORMER BASES ARE USED, WIRE CONEECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

(1) 4" x 6" REINFORCED HANDHOLE & COVER ASSEMBLY WITH 2 (TWO) ¼" X ¾" - 20 TPI HEX HEAD STAINLESS STEEL BOLTS.

(2) GROMMETS, 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1⅜" HOLE IN POLE SHAFT FOR WIRING.

(3) CAST ALUMINUM TRANSFORMER BASE, WHEN REQUIRED.

(4) FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(5) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND THE TRANSFORMER BASE.

(6) INTERNAL DUMBBELL-TYPE VIBRATION DAMPER.

6

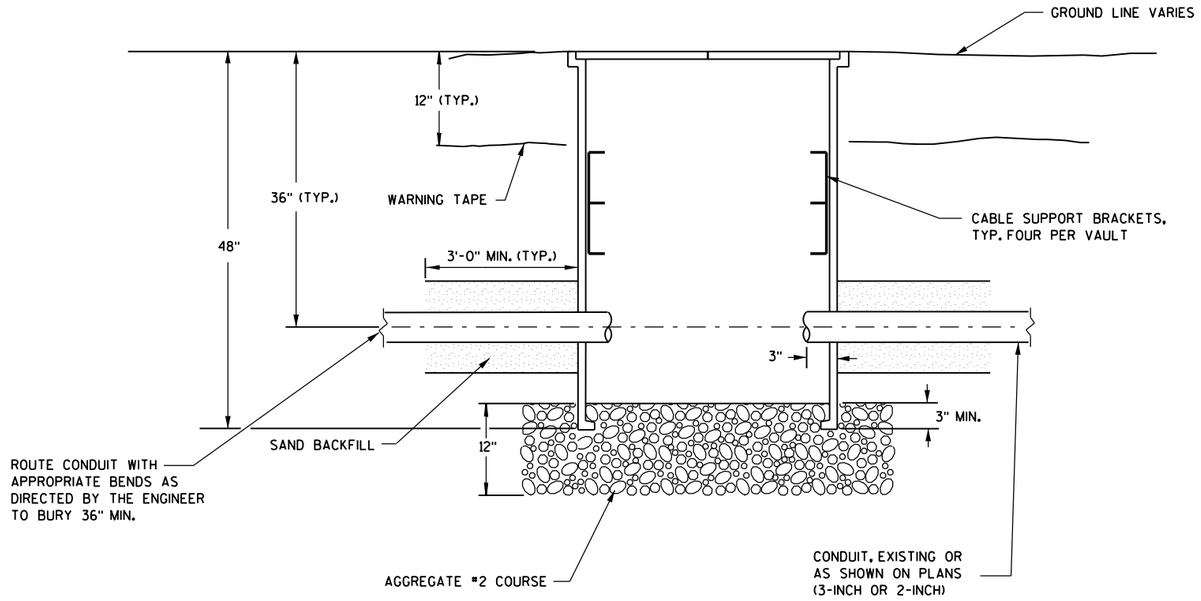
S.D.D. 9 E 1-14d

POLE MONTINGS FOR
LIGHTING UNITS, TYPE 5
(30 FEET)

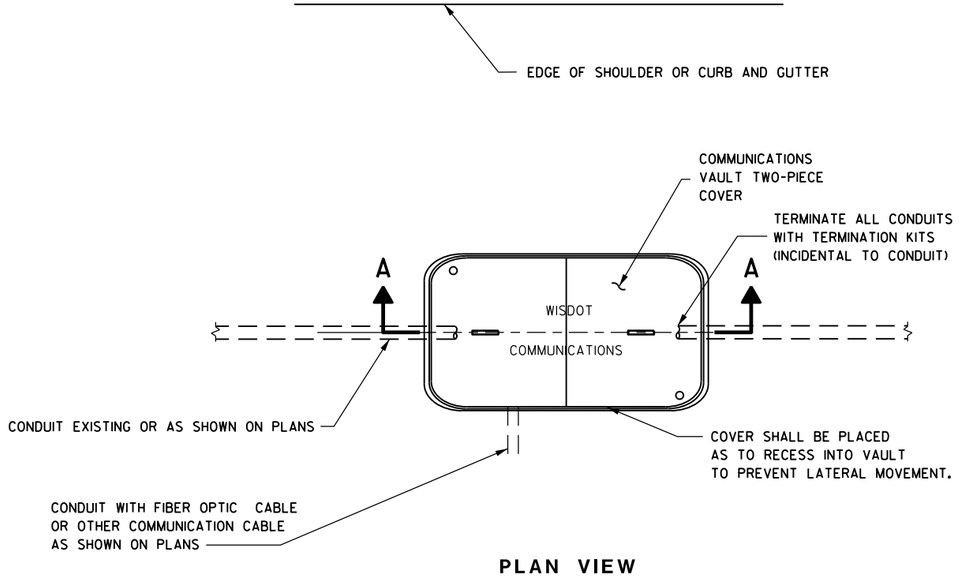
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 9 E 1-14d



SECTION A-A



PLAN VIEW

COMMUNICATIONS VAULT

GENERAL NOTES

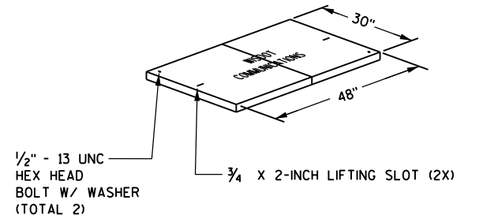
BOX SHALL HAVE AN OPEN BASE.

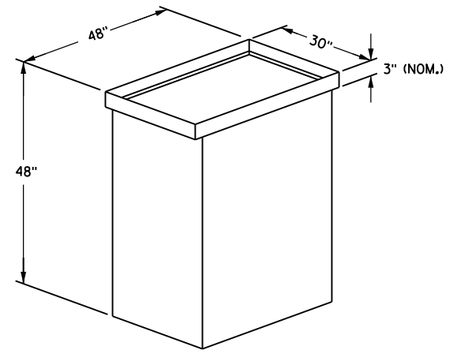
COVER SHALL BE DETECTABLE, AND HAVE A MINIMUM DESIGN LOAD OF 15,000 LBS AND SHALL LOCK.

ALL OPENINGS IN STRUCTURE MUST BE MACHINED AT TIME OF FABRICATION, OR PUNCH DRIVEN AT TIME OF PLACEMENT.

VAULTS SHALL BE OF ONE-PIECE CONSTRUCTION. TWO-PIECE/STACKABLE VAULTS WILL NOT BE PERMITTED.

FIELD PLACEMENT OF COMMUNICATIONS VAULTS SHALL BE AS DIRECTED BY THE ENGINEER.



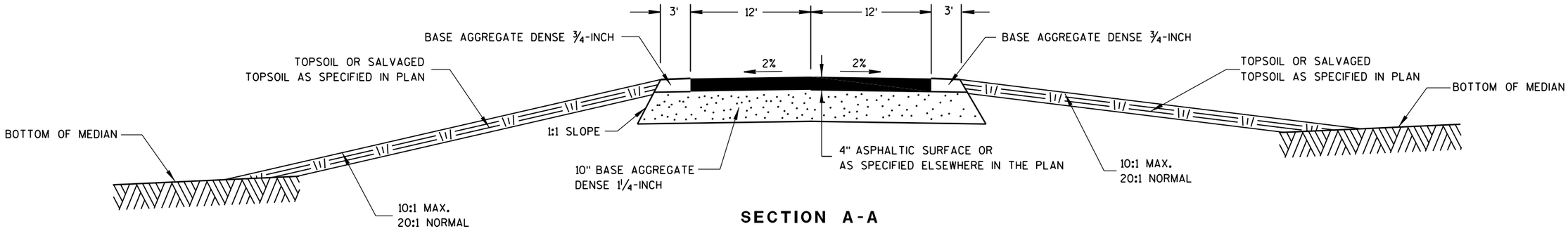


ISOMETRIC VIEW

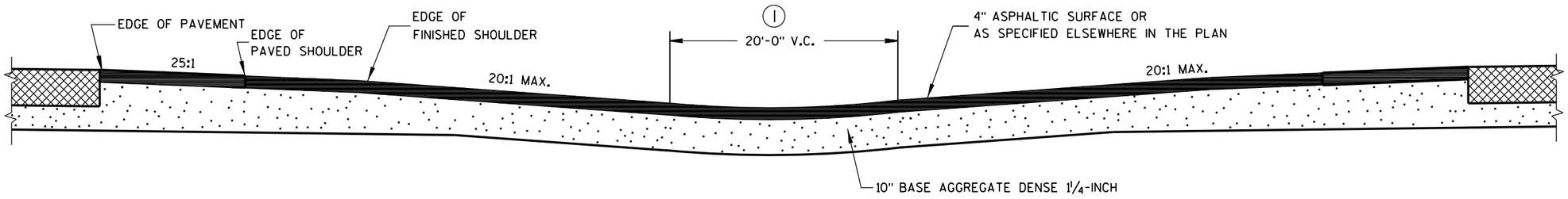
COMMUNICATION VAULT	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
Sept. 2014	/S/ Ahmet Demirbilek
DATE	STATE ELECTRICAL
FHWA	

6

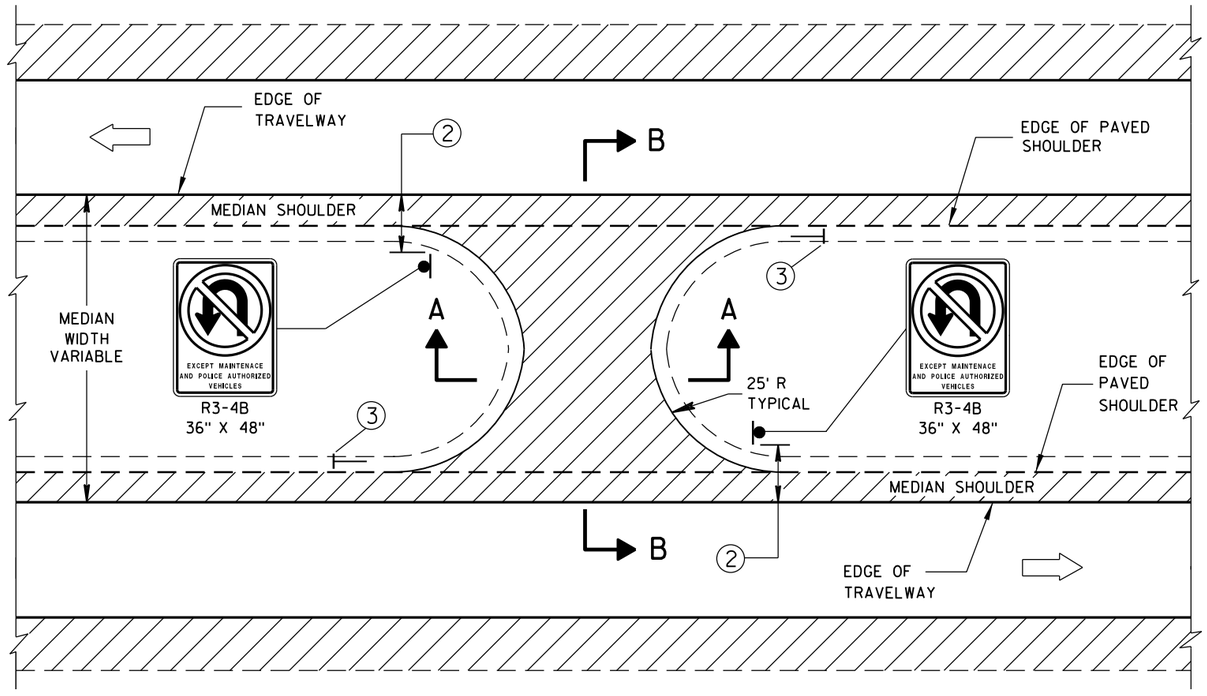
S.D.D. 9 H 9-1



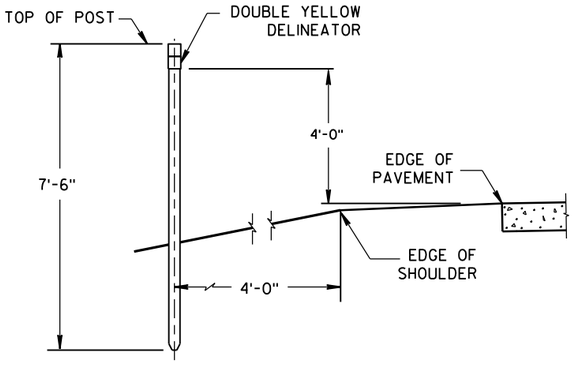
SECTION A-A



SECTION B-B



PLAN VIEW



DOUBLE YELLOW DELINEATOR INSTALLATION

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.

(1) ADJUST VERTICAL CURVE LOCATION LATERALLY TO MAINTAIN 20:1 MAX.

(2) SIGNING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.

(3) INSTALL DOUBLE YELLOW DELINEATOR. SEE STANDARD DETAIL DRAWING 15A2.

MAINTENANCE CROSSOVER FOR FREEWAYS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8/2013 — DATE

/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER

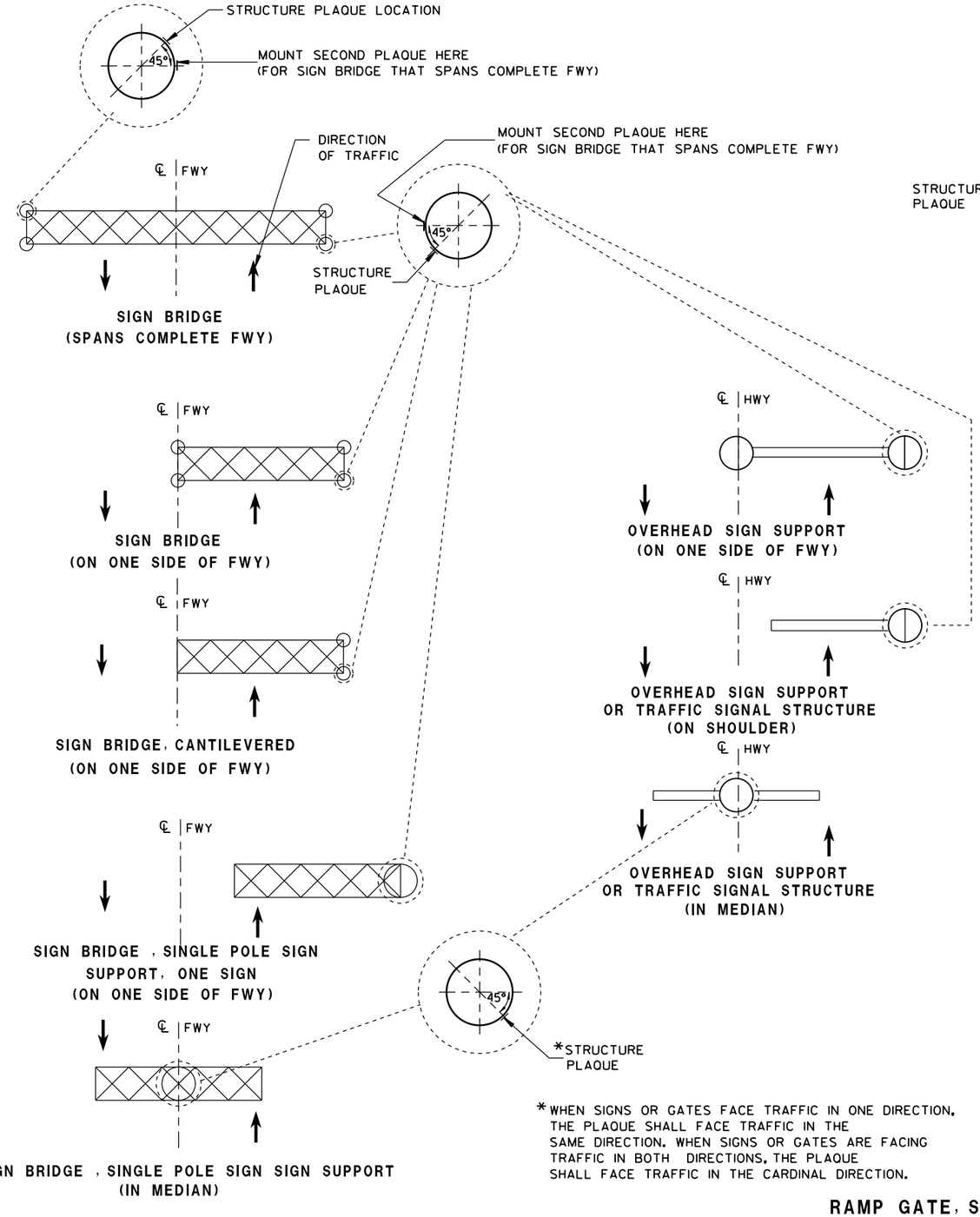
FHWA

6

S.D.D. 11 A 1-5

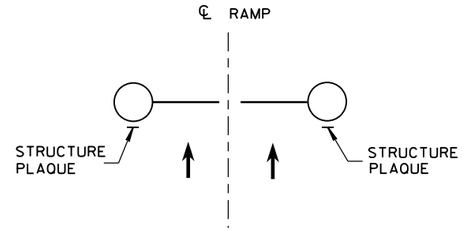
6

S.D.D. 11 A 1-5

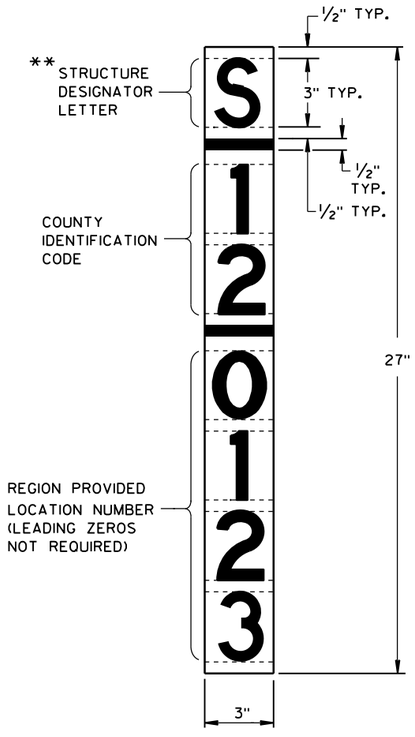


* WHEN SIGNS OR GATES FACE TRAFFIC IN ONE DIRECTION, THE PLAQUE SHALL FACE TRAFFIC IN THE SAME DIRECTION. WHEN SIGNS OR GATES ARE FACING TRAFFIC IN BOTH DIRECTIONS, THE PLAQUE SHALL FACE TRAFFIC IN THE CARDINAL DIRECTION.

LOCATION OF RAMP GATE, SIGN BRIDGE, OVERHEAD SIGN SUPPORT & TRAFFIC SIGNAL STRUCTURE PLAQUES



**RAMP GATE
(ACROSS FWY ON-RAMP)**



** LETTER "G" UTILIZED FOR RAMP GATES. LETTER "S" UTILIZED FOR SIGN BRIDGES, OVERHEAD SIGN SUPPORTS, AND TRAFFIC SIGNALS.

RAMP GATE, SIGN BRIDGE, OVERHEAD SIGN SUPPORT AND TRAFFIC SIGNAL STRUCTURE PLAQUE FOR SIGN BRIDGES AND OVERHEAD SIGN SUPPORT WHICH ARE NOT STRUCTURE MOUNTED

GENERAL NOTES

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

PLAQUES SHALL BE INCIDENTAL TO ALL NEW INSTALLATIONS.

IF THE PROPOSED SIGN BRIDGE OR OVERHEAD SIGN SUPPORT IS REPLACING AN EXISTING SIGN BRIDGE OR OVERHEAD SIGN SUPPORT, A NEW IDENTIFICATION PLAQUE WILL BE REQUIRED.

FASTEN TOP, CENTER AND BOTTOM OF PLAQUE TO POLE OR OTHER LOCATION AS FOLLOWS:

GALVANIZED STEEL SHAFT - 3 STAINLESS STEEL POP RIVETS

A588 STEEL SHAFT - SHIM FOR DRAINAGE WITH STAINLESS WASHERS; FASTEN WITH STAINLESS SELF-TAPPING SCREWS

ALUMINUM SHAFTS - 3 ALUMINUM POP RIVETS

MOUNTING HEIGHT SHALL BE APPROXIMATELY 5.0' ABOVE CURB OR SHOULDER. ADJUST IF IT IS KNOWN THAT REQUIRED TRAFFIC SIGNS WILL OBSTRUCT.

PLAQUE MATERIALS:

BASE - SHEET ALUMINUM, 0.060" THICK.

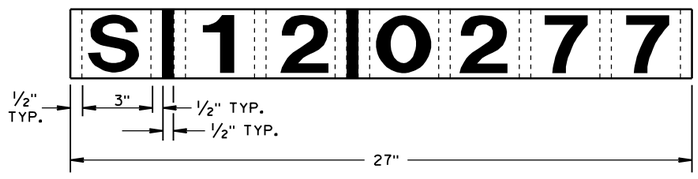
FACE - WHITE, SELF-ADHESIVE VINYL SHEETING, NON-RETROREFLECTIVE

LINES - BLACK, ½" WIDE, SELF-ADHESIVE

CHARACTERS:- BLACK, SELF ADHESIVE, SERIES "D", SIZE AS SHOWN.

FOR SIGN BRIDGES, STRUCTURE MOUNTED, THE STRUCTURE PLAQUE SHALL BE MOUNTED HORIZONTALLY AS SHOWN ON THE DRAWING. THE STRUCTURE PLAQUE SHALL BE MOUNTED HORIZONTALLY TO THE BACK OF THE SIGN, BETWEEN THE ALUMINUM EXTRUSIONS, NEAR THE TOP LEFT HAND CORNER OF THE SIGN. THE BASE MATERIAL SHALL BE OMITTED AND THE FACE ADHERED DIRECTLY TO THE ALUMINUM SURFACE. PRIOR TO ADHERING THE MATERIAL, THE ALUMINUM SURFACE SHALL BE SMOOTH, CLEAN AND DRY.

WHERE SIGN BRIDGE ILLUMINATION IS PROVIDED, THE STRUCTURE MUST ALSO HAVE A SIGN BRIDGE CIRCUIT PLAQUE AS SHOWN IN THE ELECTRICAL DETAILS.



IDENTIFICATION PLAQUE FOR SIGN BRIDGE, STRUCTURE MOUNTED

STRUCTURE IDENTIFICATION PLAQUES, RAMP GATES, SIGN BRIDGES, OVERHEAD SIGN SUPPORTS, & TRAFFIC SIGNALS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

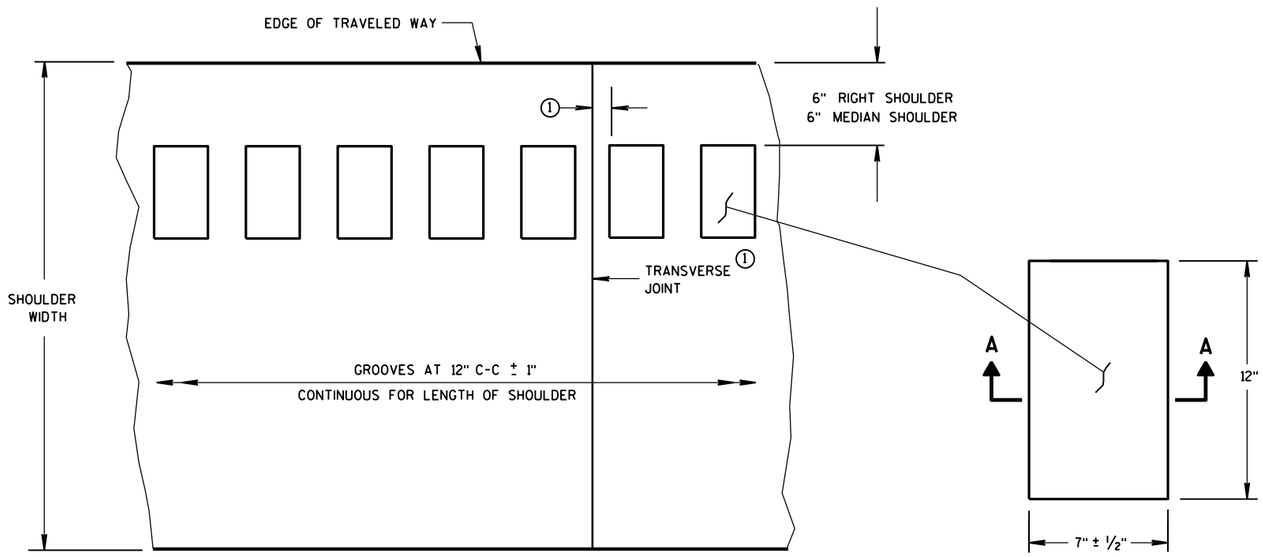
APPROVED
12/4/2012 DATE
/S/ Travis Feltes STATE TRAFFIC ENGINEER
FHWA

6

S.D.D. 12 A 4-3

6

S.D.D. 12 A 4-3



PLAN VIEW
SHOULDER WITH GROOVES

PLAN VIEW
(SINGLE GROOVE)

PLACEMENT DETAIL FOR MILLED RUMBLE STRIP

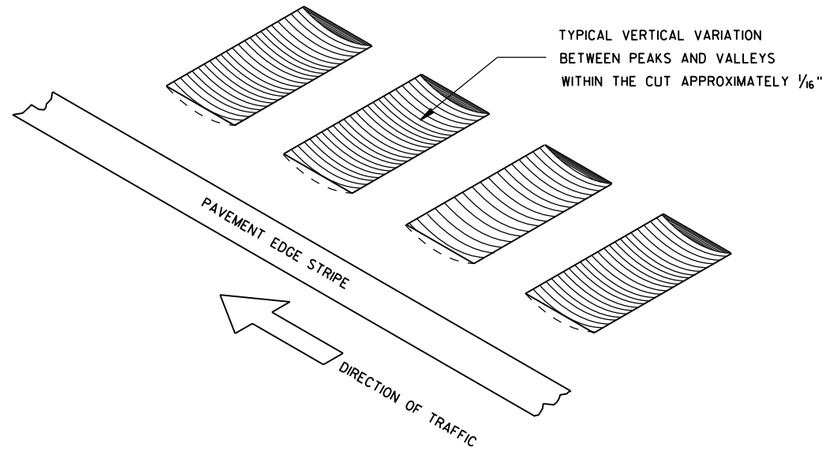
GENERAL NOTES

DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

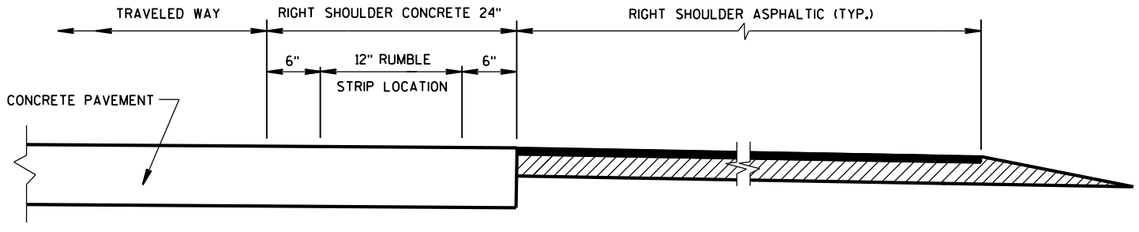
RUMBLE STRIPS ON EXPRESSWAYS

DO NOT INSTALL RUMBLE STRIPS ACROSS SIDE ROAD INTERSECTIONS, COMMERCIAL DRIVEWAYS, PRIVATE DRIVEWAYS OR ADJACENT TO RIGHT TURN LANES, LEFT TURN LANES, TURN LANE TAPERS, BRIDGE DECKS, BRIDGE APPROACHES, OR 100 FEET IN ADVANCE OF RAILROAD CROSSING. THE ATTACHED STANDARD DETAIL DRAWING SHOWS THE LOCATION OF THE RUMBLE STRIPS AT INTERCHANGE AREAS.

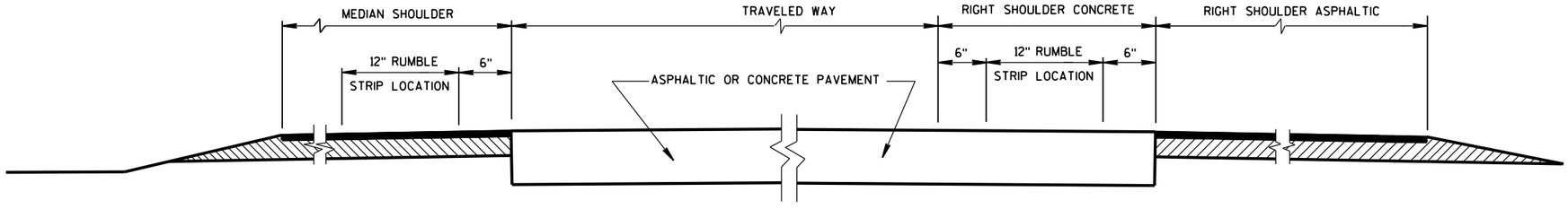
(1) CONCRETE PAVEMENT - RUMBLE STRIPS SHALL BE A MINIMUM OF 6" AWAY FROM TRANSVERSE JOINTS.



ISOMETRIC



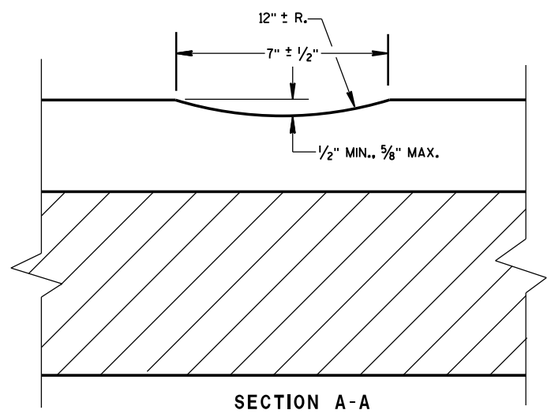
SECTION VIEW
CONCRETE PAVEMENT EXTENDS INTO RIGHT SHOULDER)



SECTION VIEW

TYPICAL LOCATIONS OF SHOULDER RUMBLE STRIPS IN RURAL DIVIDED HIGHWAYS

(ONE ROADWAY IS SHOWN)



SECTION A-A

SHOULDER RUMBLE STRIP, MILLING

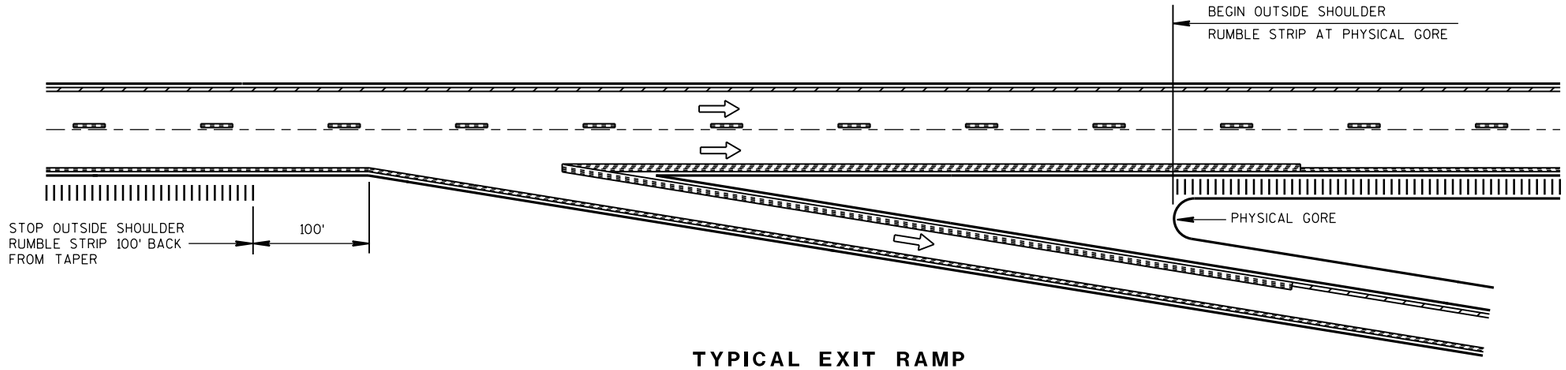
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 13 A 5-5a

6

S.D.D. 13 A 5-5a



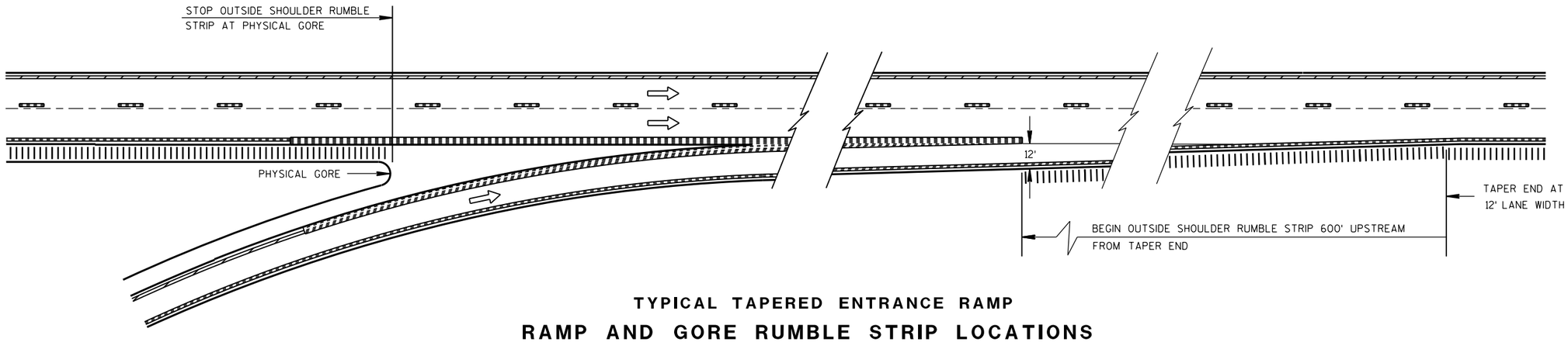
TYPICAL EXIT RAMP

NOTES:

NO RUMBLE STRIP ON EXIT, DIRECTIONAL, OR ENTRANCE RAMPS, EXCEPT NEAR THE ENTRANCE TAPER END AND ALONG THE PARALLEL RAMP AREA AS SHOWN.

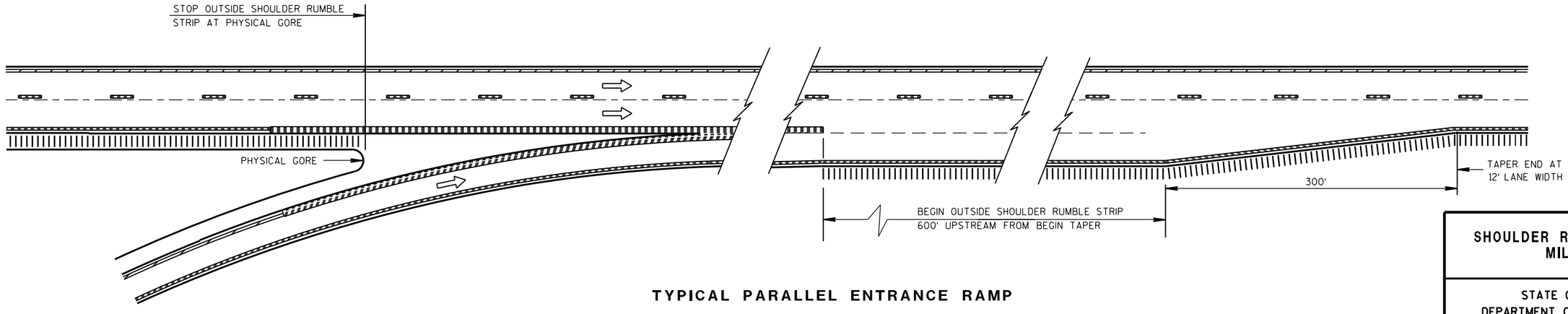
PAVEMENT MARKING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.

NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL



TYPICAL TAPERED ENTRANCE RAMP

RAMP AND GORE RUMBLE STRIP LOCATIONS



TYPICAL PARALLEL ENTRANCE RAMP

RAMP AND GORE RUMBLE STRIP LOCATIONS

SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
12/17/2012 — DATE
/S/ Jerry H. Zoga — ROADWAY STANDARDS ENGINEER
FHWA

6

S.D.D. 13 A 5-5b

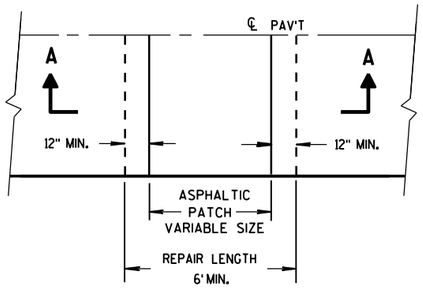
GENERAL NOTES

SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES. ADDITIONAL SAW CUTS ARE NOT PAID FOR BY THE DEPARTMENT.

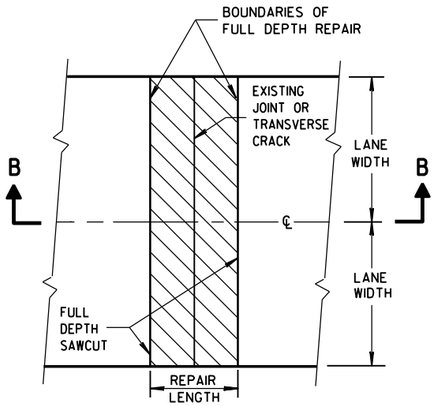
PROVIDE A 6-FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREAS TO ADJACENT TRANSVERSE JOINT OR CRACK IN THE SAME LANE.

THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NONDOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

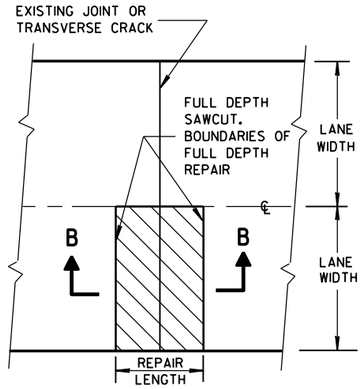
(1) DOWEL BARS MIGHT NOT EXIST.



PLAN VIEW

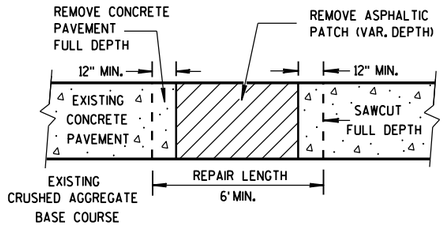


PLAN VIEW
(DOUBLE LANE REPAIR)



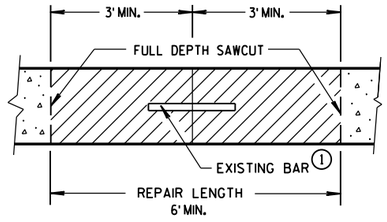
PLAN VIEW
(SINGLE LANE REPAIR)

FULL DEPTH CONCRETE PAVEMENT REMOVAL



SECTION A-A

HMA PATCH REMOVAL



SECTION B-B

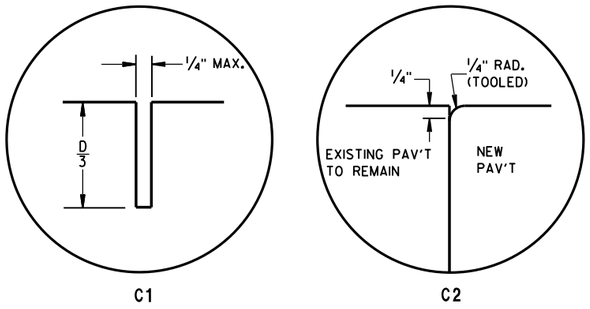
CONCRETE REMOVAL

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6

S.D.D. 13 C 9-12a



C1 C2

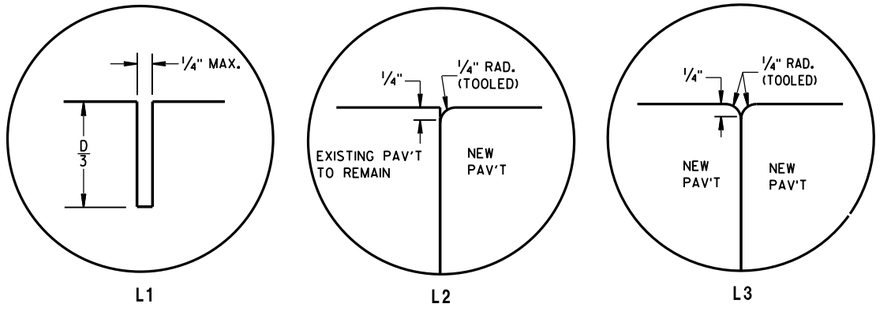
TRANSVERSE JOINTS

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 ½"	NO. 4	30"	36"
≥ 10 ½"	NO. 5	36"	36"
	NO. 4 *	30"	24"**

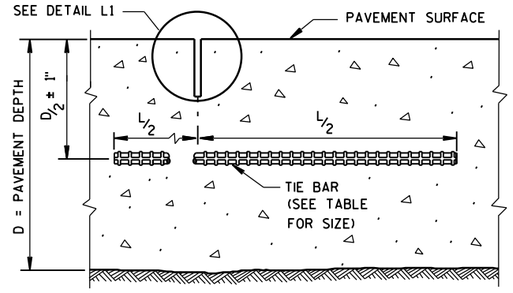
* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



L1 L2 L3

LONGITUDINAL JOINTS



SECTION C-C

SAWED LONGITUDINAL JOINT

GENERAL NOTES

INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

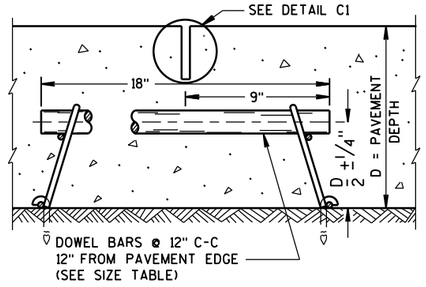
CONCRETE PAVEMENT REPAIRS OF EXISTING NONDOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

DO NOT SEAL OR FILL JOINTS.

ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

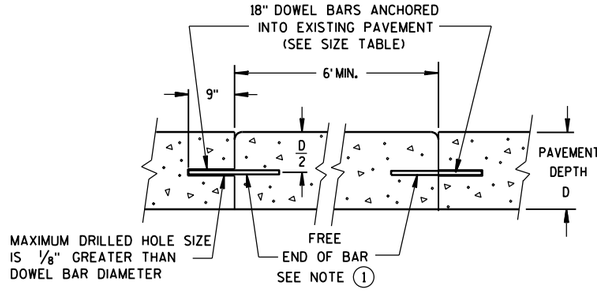
FOR MULTI-LANE CONCRETE PAVEMENT REPLACEMENTS, PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT OR EDGE.

(1) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

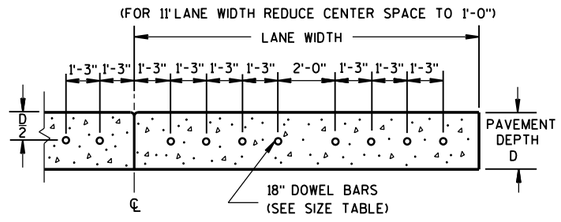


SECTION F-F

CONTRACTION JOINT



SECTION D-D

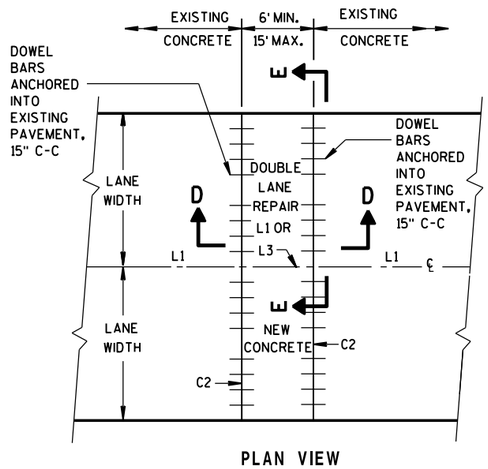


SECTION E-E

DRILLED DOWEL BAR CONSTRUCTION JOINT

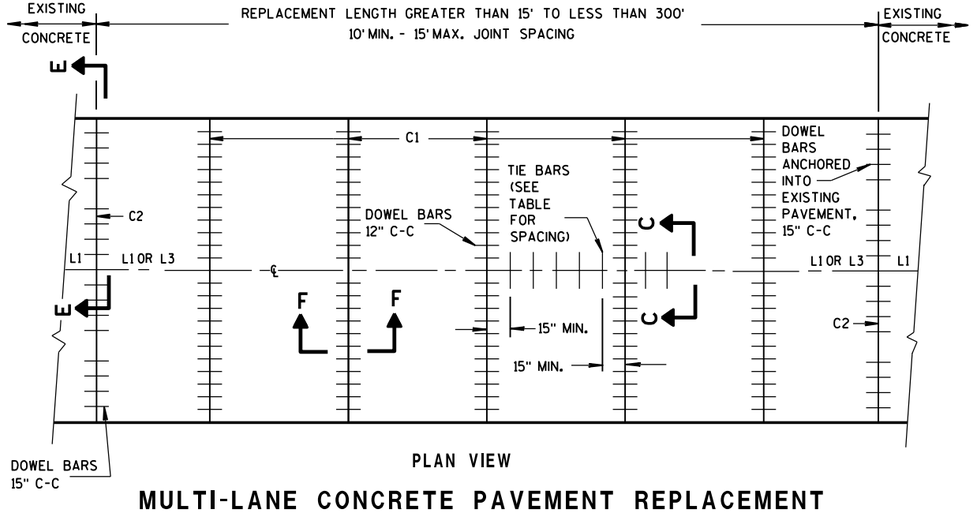
PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
5 ½", 6",6 ½"	NONE	12'
7",7 ½"	1"	14'
8",8 ½"	1 ¼"	15'
9",9 ½"	1 ¼"	15'
10" & ABOVE	1 ½"	15'



PLAN VIEW

MULTI-LANE CONCRETE PAVEMENT REPAIR



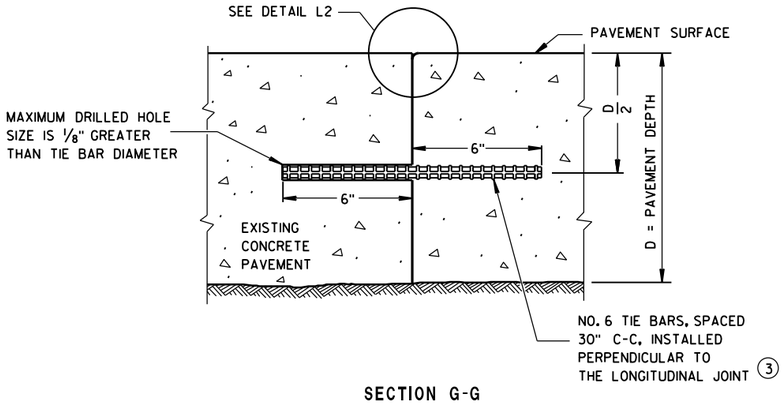
PLAN VIEW

MULTI-LANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6
S.D.D. 13 C 9-12b



SECTION G-G

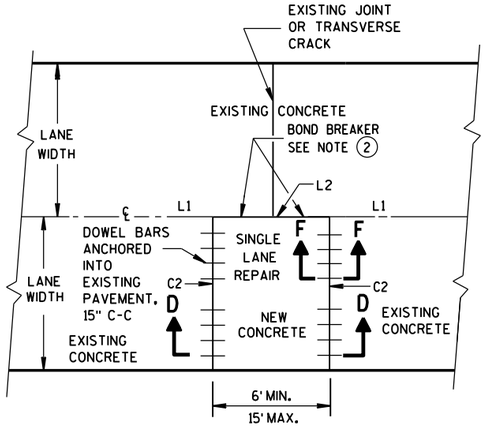
TIE BARS ANCHORED INTO EXISTING PAVEMENT

GENERAL NOTES

(1) WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.

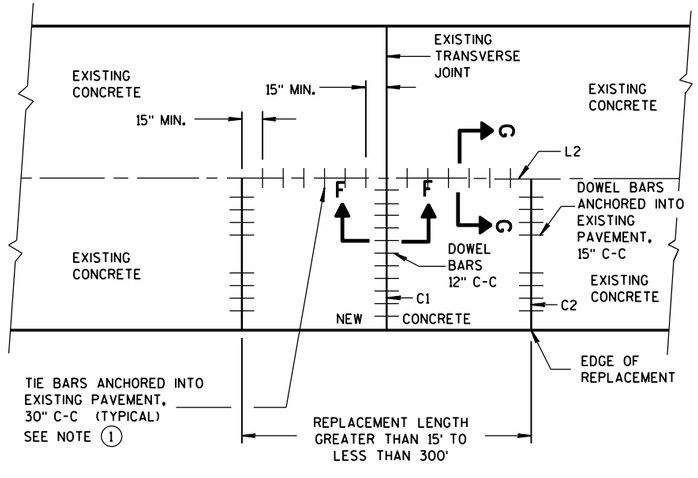
(2) USE AN ENGINEER-APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.

(3) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPAIR



PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPLACEMENT

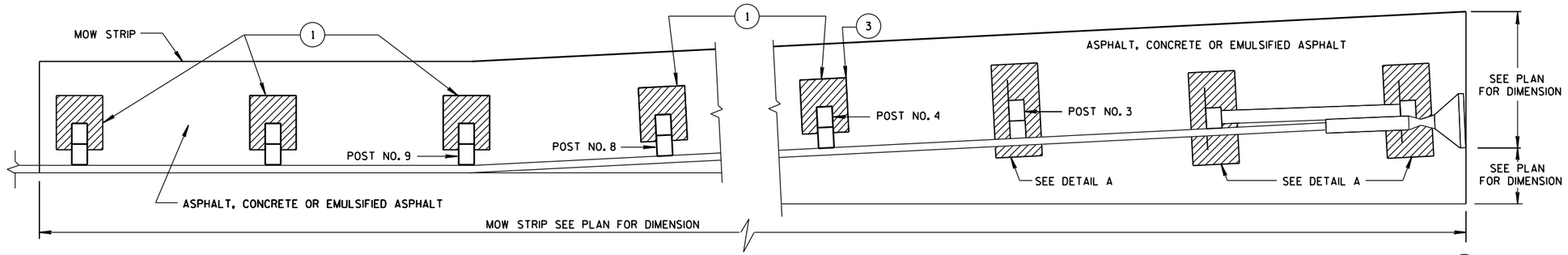
CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 — DATE
/S/ Peter Kemp, P.E. — PAVEMENT SUPER
FHWA

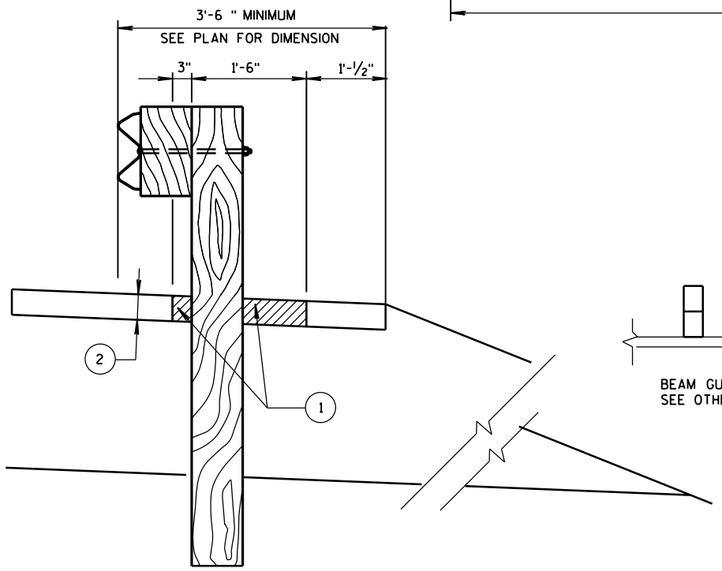
6

S.D.D. 13 C 9-12c

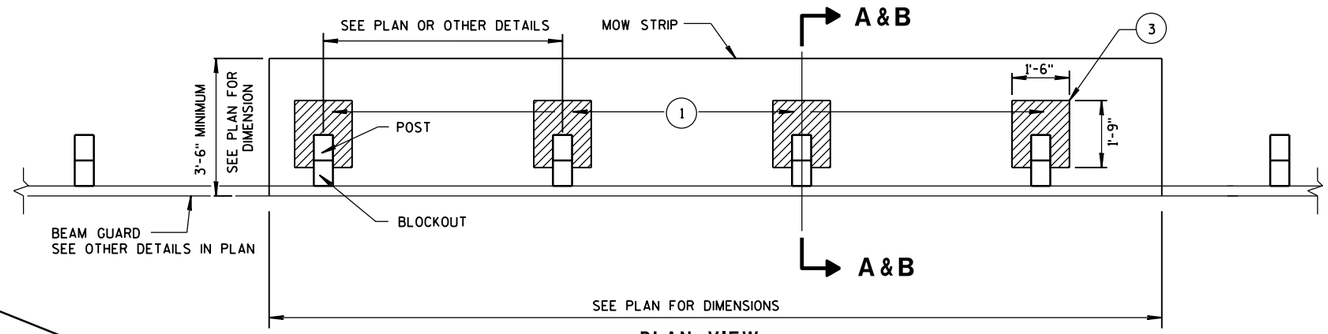


PLAN VIEW

MOW STRIP LAYOUT FOR ENERGY ABORBING TERMINAL

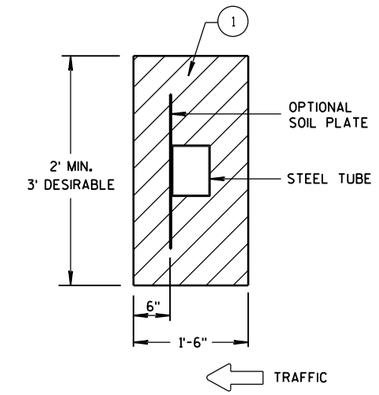


SECTION A-A

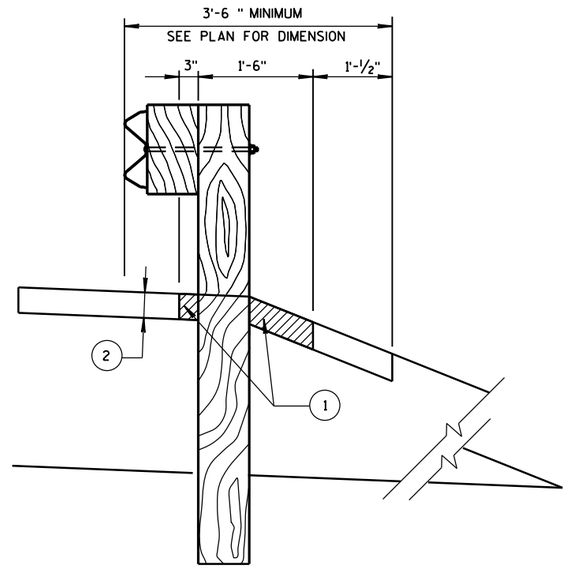


PLAN VIEW

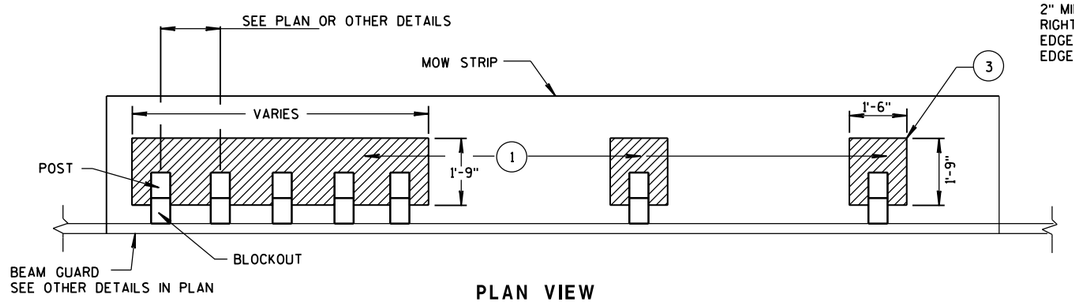
MOW STRIP FOR TYPICAL BLOCKOUT LAYOUT



DETAIL A

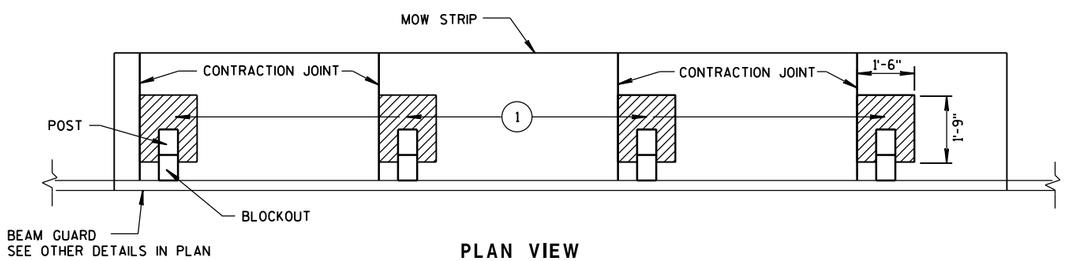


SECTION B-B



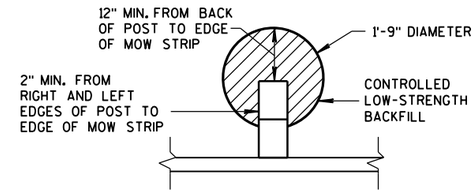
PLAN VIEW

MOW STRIP FOR TIGHT SPACING LAYOUT



PLAN VIEW

JOINT PLACEMENT FOR CONCRETE MOW STRIP



ALTERNATIVE HMA
MOW STRIP DESIGN

(1) CONTROLLED LOW-STRENGTH BACKFILL OR EMULSIFIED ASPHALT.

(2) DEPTH OF MOW STRIP:
ASPHALT - 4"
CONCRETE - 4"
EMULSIFIED ASPHALT - 1" OR LESS

(3) FOR EMULSIFIED ASPHALT MOW STRIP LEAVE OUTS NOT REQUIRED. (TYPICAL FOR ALL POSTS.)

GUARDRAIL MOW STRIP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2014
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

NT

6

S.D.D. 14 B 28-3

6

S.D.D. 14 B 28-3

GENERAL NOTES

1. WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

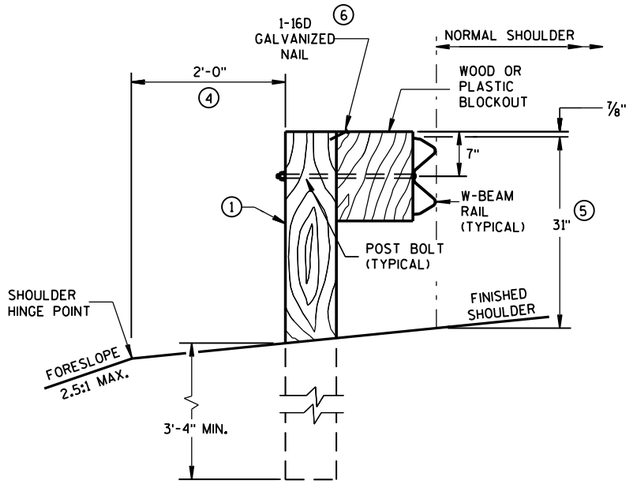
2. USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.

3. IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2½ INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.

4. WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).

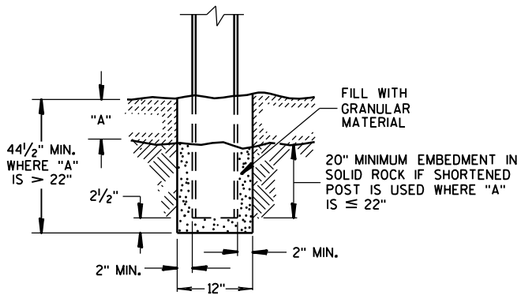
5. FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ± 1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27¾" TO 32".

6. WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.



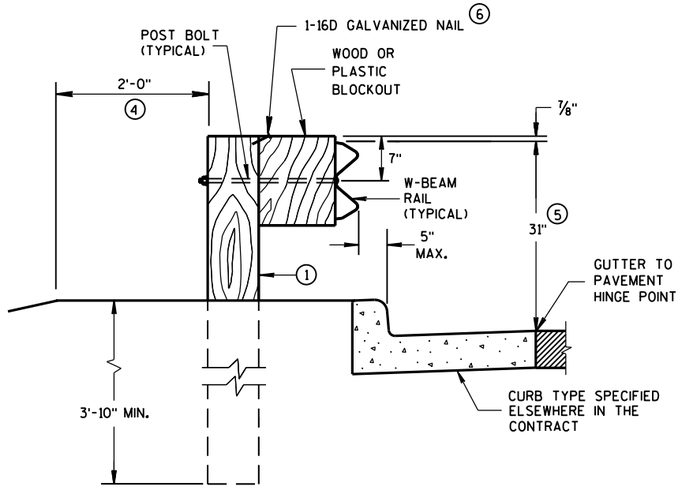
END VIEW

LOCATED ALONG A ROADWAY SHOULDER
STANDARD INSTALLATION



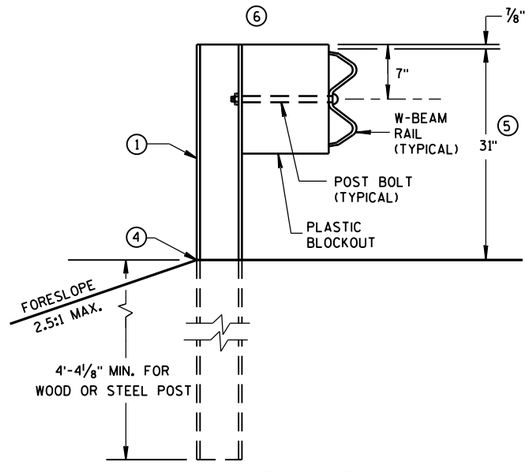
END VIEW

SETTING STEEL OR WOOD POST IN ROCK 3



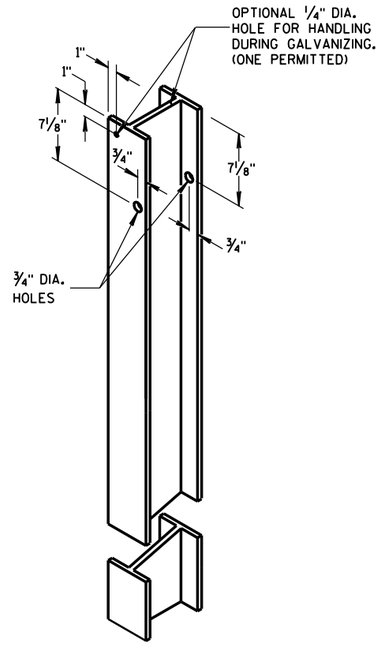
END VIEW

LOCATED ALONG A CURBED ROADWAY

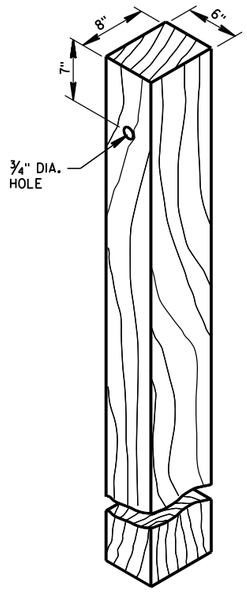


END VIEW

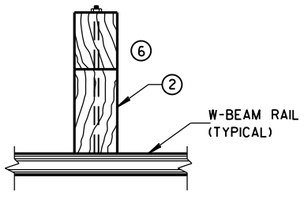
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



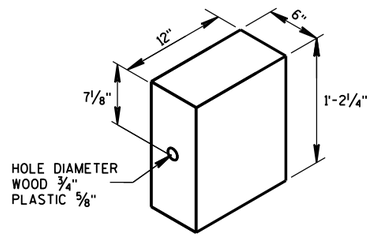
STEEL POST &
HOLE PUNCHING DETAIL
(w6X9) 1



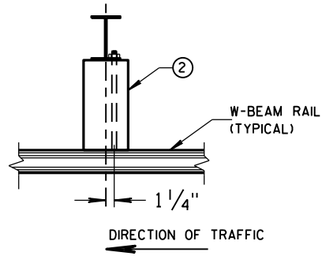
WOOD POST
(6" X 8") NOMINAL 1



PLAN VIEW
WOOD POST,
BLOCKOUT & BEAM



WOOD OR
PLASTIC BLOCKOUT 2

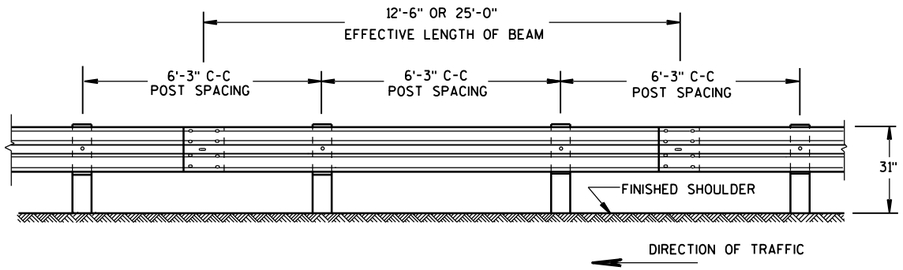


PLAN VIEW
STEEL POST,
PLASTIC BLOCKOUT & BEAM

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

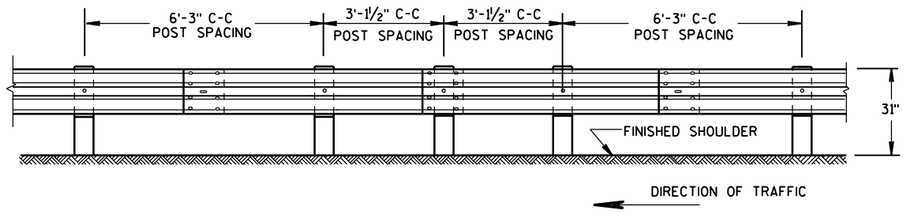
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6
S.D.D. 14 B 42-3a



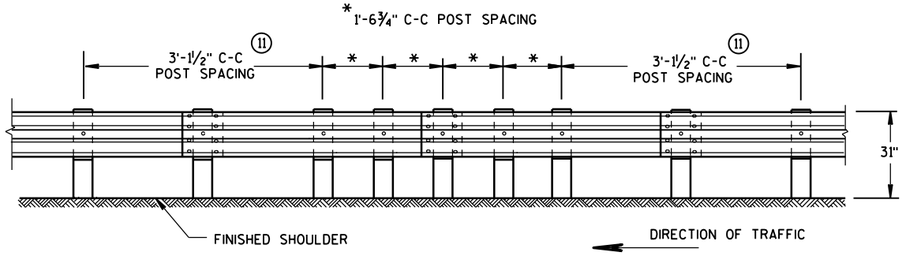
FRONT VIEW

POST SPACING STANDARD INSTALLATION



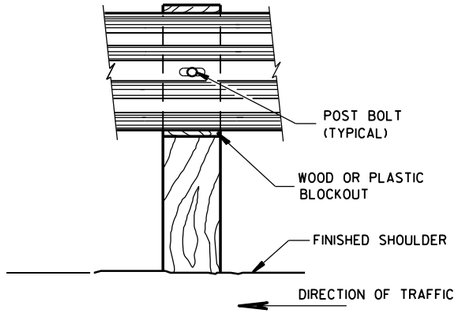
FRONT VIEW

HALF POST SPACING (HS) AND HALF POST SPACING WITH LONGER POSTS (K)

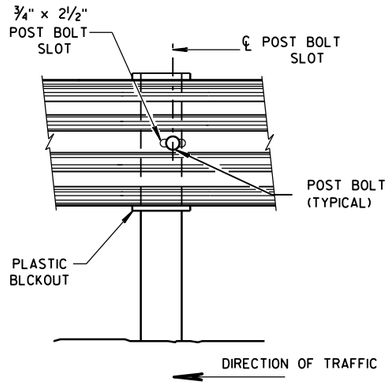


FRONT VIEW

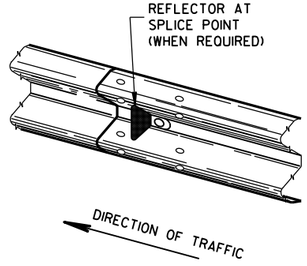
QUARTER POST SPACING (QS)

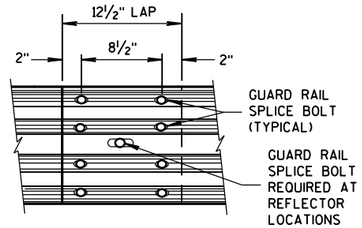


FRONT VIEW AT WOOD POST



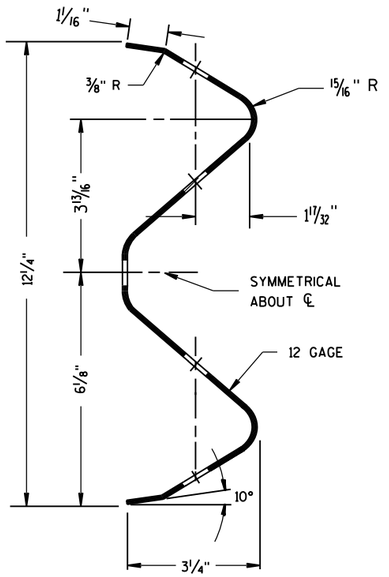
FRONT VIEW AT STEEL POST



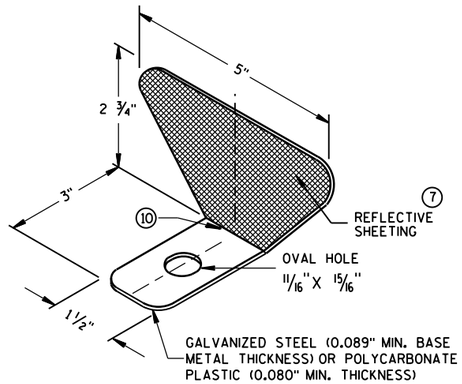


FRONT VIEW

MID-SPAN BEAM SPLICE



SECTION THRU W-BEAM RAIL



GENERAL NOTES

⑦ PROVIDE SILVER REFLECTIVE SHEETING ON ALL REFLECTORS EXCEPT THOSE LOCATED ALONG THE LEFT EDGE OF ONE-WAY ROADWAYS, WHICH SHALL BE PROVIDED WITH YELLOW REFLECTIVE SHEETING. SHEETING IS TYPE H. SEE STANDARD SPECIFICATION 637.

⑧ DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL. RAIL SPLICE LOCATIONS ARE THE ONLY ACCEPTABLE LOCATIONS FOR REFLECTORS.

⑨ REVERSE EVERY OTHER REFLECTOR FOR 2-WAY VISIBILITY. THE CONTRACTOR MAY FURNISH TWO-SIDED REFLECTORS IN LIEU OF ONE-SIDED REFLECTORS.

⑩ PROVIDE AN ANGLE OF BEND OF 90° ± 1° FOR TWO-SIDED REFLECTORS.

⑪ 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

POST BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND ⅝" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

GUARD RAIL SPLICE BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.

REFLECTOR SPACING ⑧

	BEAM GUARD LENGTH	REFLECTOR SPACING	NO. SURFACES REFLECTORIZED	MIN. NO. REFLECTORS
ONE WAY TRAFFIC	< 200'	50' C-C	1	3
	> 200'	100' C-C	1	
TWO WAY TRAFFIC	< 200'	25' C-C	1 ⑨	6
	> 200'	50' C-C	1	
TWO WAY TRAFFIC	< 200'	50' C-C	2	3
	> 200'	100' C-C	2 ⑩	

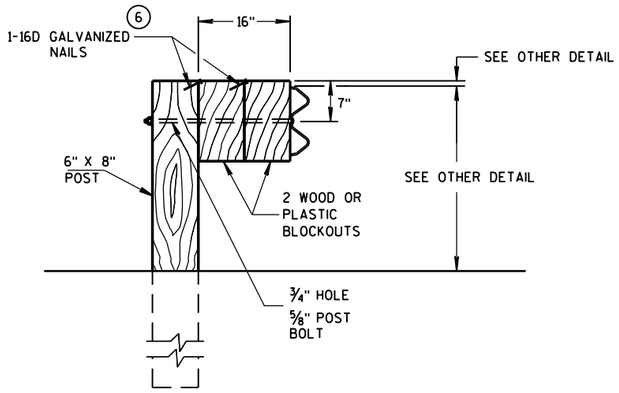
ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION ⑦

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

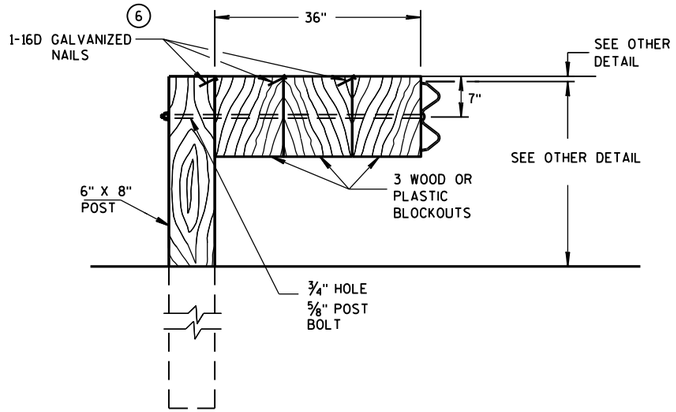
6

S.D.D. 14 B 42-3b



DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.

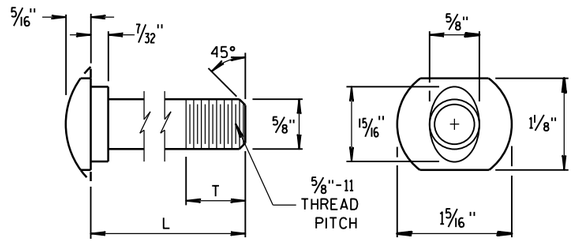


DETAIL FOR 36" BLOCKOUT DEPTH

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

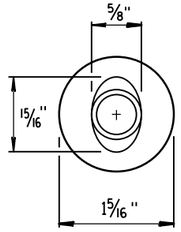
DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

NOTE: 1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 1/16".
2. IF THE BOLT EXTENDS MORE THAN 1/4" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

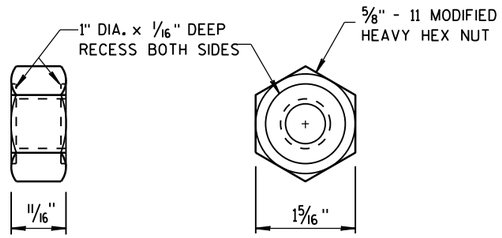


POST BOLT TABLE

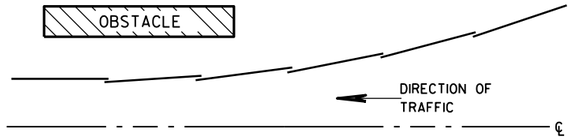
L	T (MIN.)
1 1/4"	1 1/8"
2"	1 3/4"
10"	4"
14"	4 1/16"
18"	4"
21"	4 1/16"
25"	4"



ALTERNATE BOLT HEAD

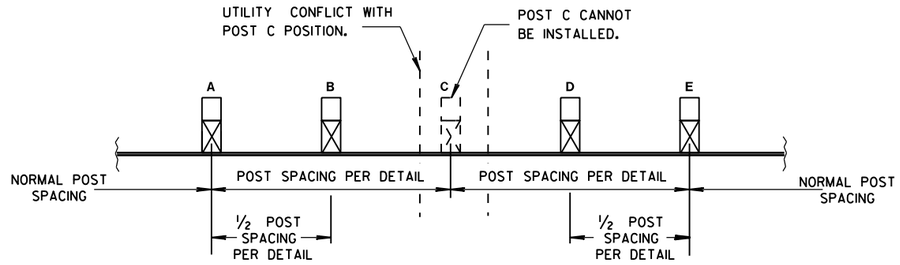


POST BOLT AND RECESS NUT

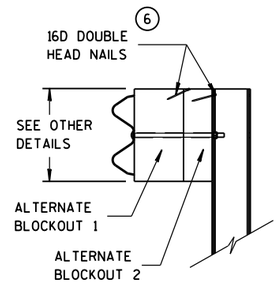


PLAN VIEW

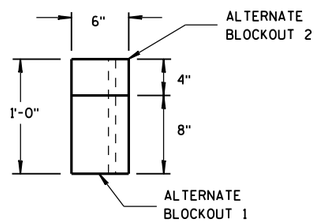
BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



SIDE VIEW



TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2014
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER

FHWA

6

S.D.D. 14 B 42-3c

GENERAL NOTES

(A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL), AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.

(B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED.

(C) DIFFERENT MANUFACTURES REQUIRE DIFFERENT PERFORATED W-BEAM RAIL END PANELS. SEE MANUFACTURES INFORMATION.

(D) THE TOP OF THE STEEL TUBE ON POST 1 AND POST 2 SHALL NOT BE MORE THAN 3" ABOVE THE FINISH GROUND ELEVATION.

(F) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF-TAPPING SCREWS. ONE SCREW PER CORNER.

(G) ½" DIAMETER X 3" LONG LAG BOLT AND WASHER.

(H) HARDWARE VARIES BETWEEN DIFFERENT MANUFACTURES. SEE MANUFACTURE'S DRAWING FOR INFORMATION.

(I) DIMENSIONS MAY VARY. SEE MANUFACTURE'S INFORMATION.

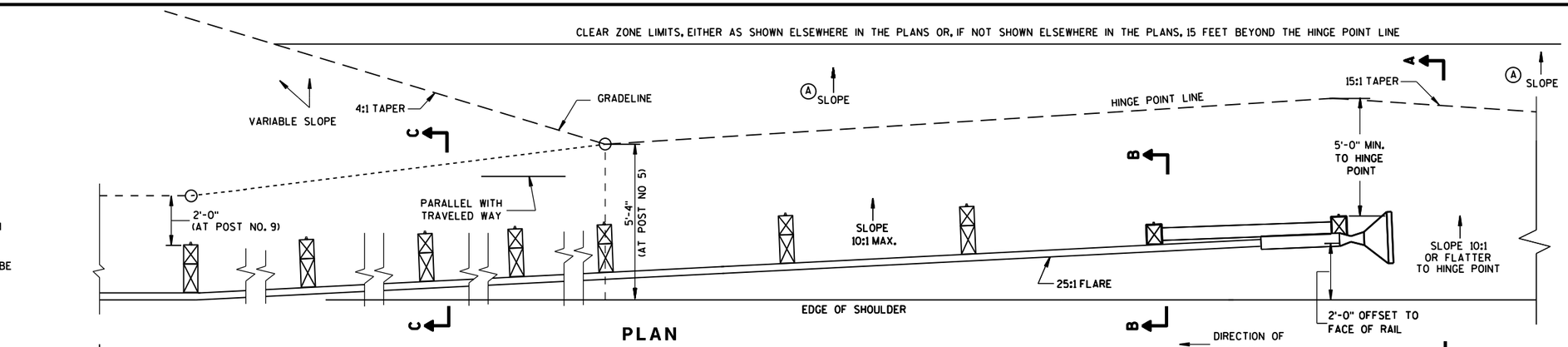
SEE SDD 14B42 FOR MORE INFORMATION.

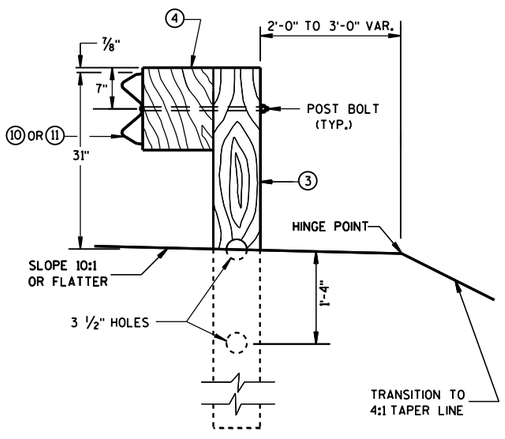
* DO NOT ATTACH BLOCKOUTS TO POSTS 1 AND 2.

DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

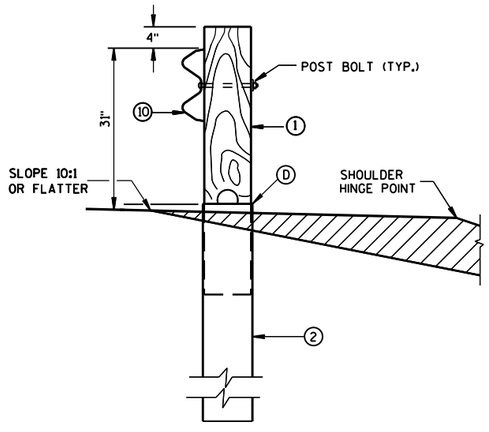
W-BEAM RAIL SPLICES ARE LOCATED AT POST NUMBER 3, AND BETWEEN POST 5 AND 6, BETWEEN POSTS 7 AND 8, AND MIDDLE OF THE SPAN AFTER POST 9.

THE CENTER OF THE UPPER 3½" DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE.

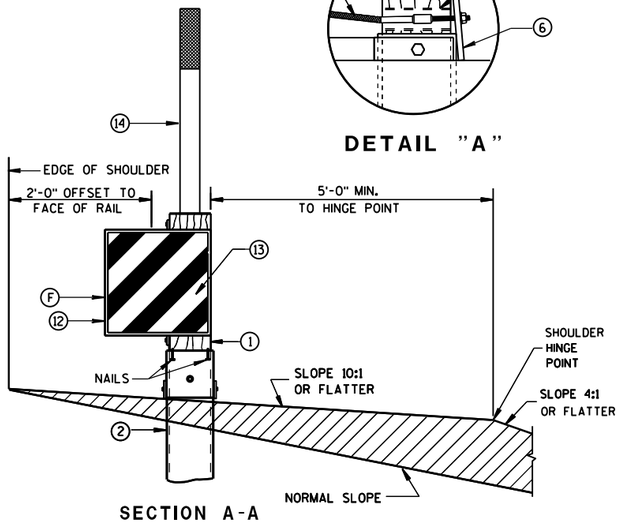




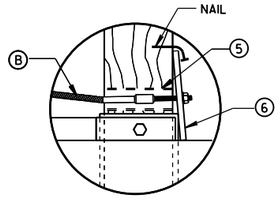
SECTION C-C
TYPICAL AT POST NOS. 3-9



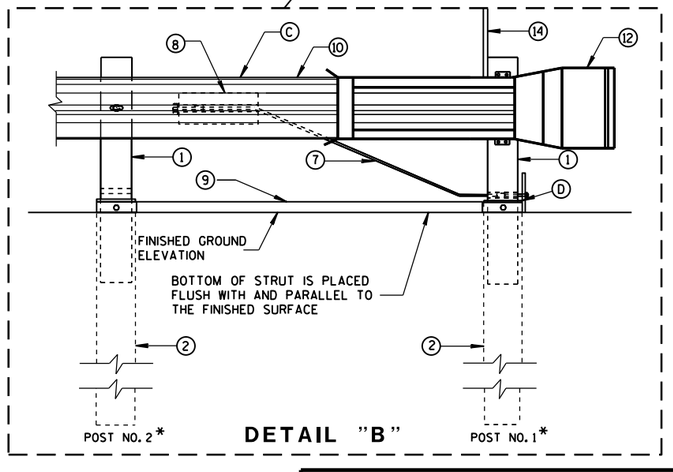
SECTION B-B
TYPICAL AT POST NO. 2*



SECTION A-A
TYPICAL AT POST NO. 1*



DETAIL "A"



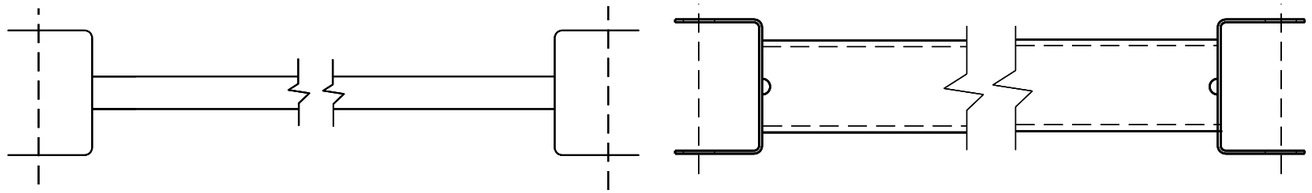
DETAIL "B"

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

S.D.D. 14 B 44-2a

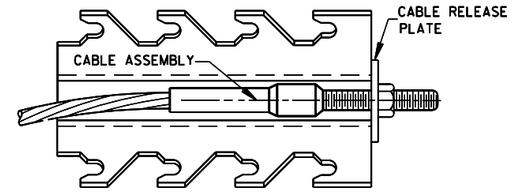
S.D.D. 14 B 44-2a



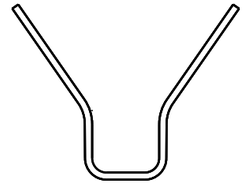
GENERIC GROUND STRUT (9) (H)

BILL OF MATERIALS

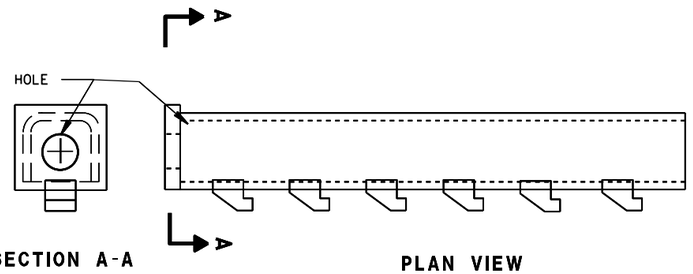
PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUFACTURER'S DETAILS FOR MORE INFORMATION.
(1)	WOOD BREAKAWAY POST
(2)	6" X 8" X 0.188", 6'-0" LONG FOUNDATION TUBE AT POSTS 1 AND 2
(3)	WOOD CRT
(4)	WOOD BLOCKOUT
(5)	PIPE SLEEVE
(6)	BEARING PLATE
(7)	BCT CABLE ASSEMBLY
(8)	ANCHOR CABLE BOX
(9)	GROUND STRUT
(10)	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
(11)	STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
(12)	END SECTION EAT
(13)	0.040" ALUMINUM SHEET WITH REFLECTIVE SHEETING TYPE F PER SECTION 637 OF THE STANDARD SPECIFICATIONS
(14)	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)



FRONT VIEW



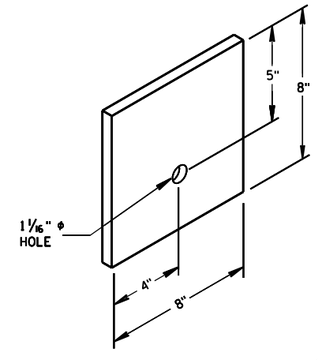
SECTION B-B



SECTION A-A

PLAN VIEW

GENERIC ANCHOR CABLE BOX (8) (H)



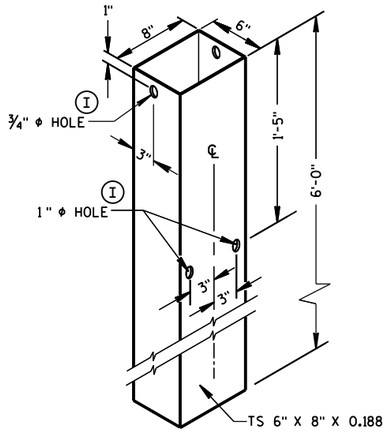
BEARING PLATE (6)

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

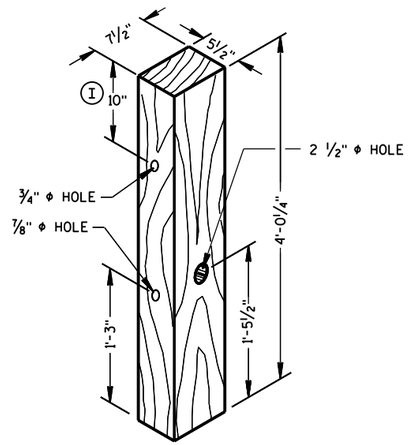
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 14 B 44-2b

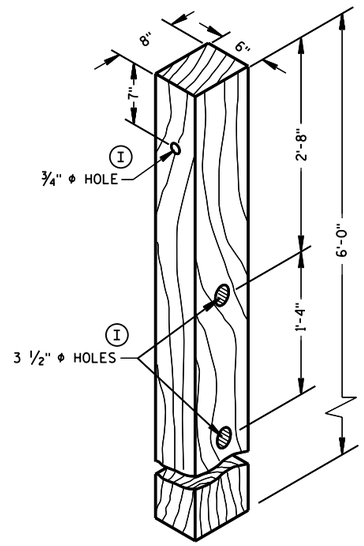


FOUNDATION TUBE (2)



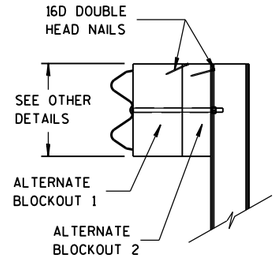
POSTS NUMBER 1 AND 2

WOOD BREAKAWAY POST (1)

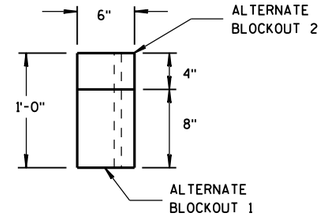


POSTS NUMBER 3-9

WOOD CRT POST (3)

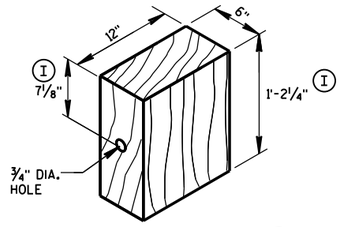


SIDE VIEW



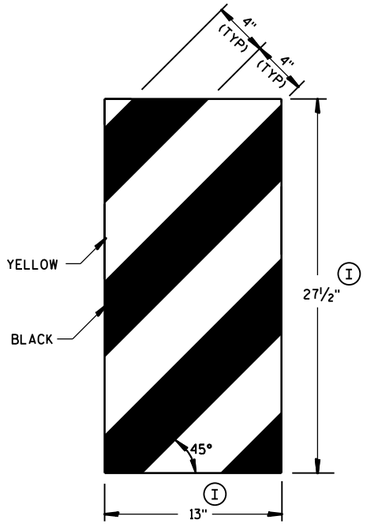
TOP VIEW

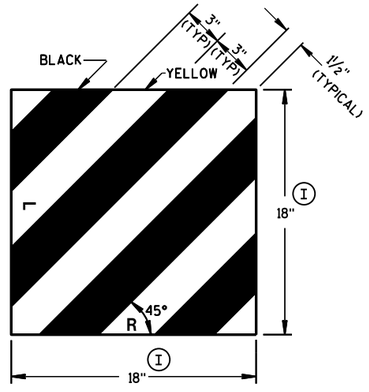
ALTERNATE WOOD BLOCKOUT DETAIL



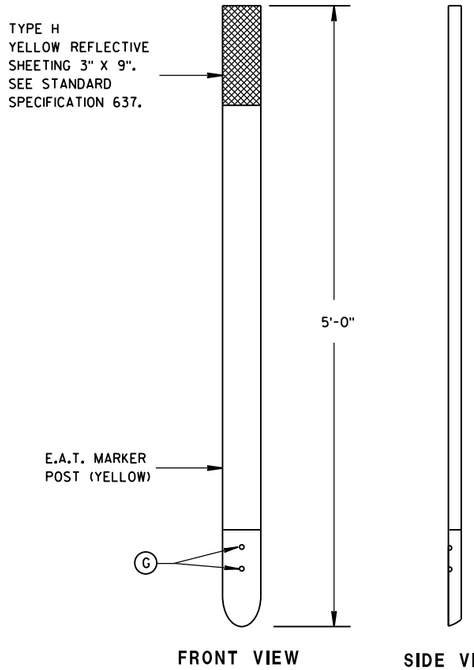
WOOD BLOCKOUT (4)

REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2





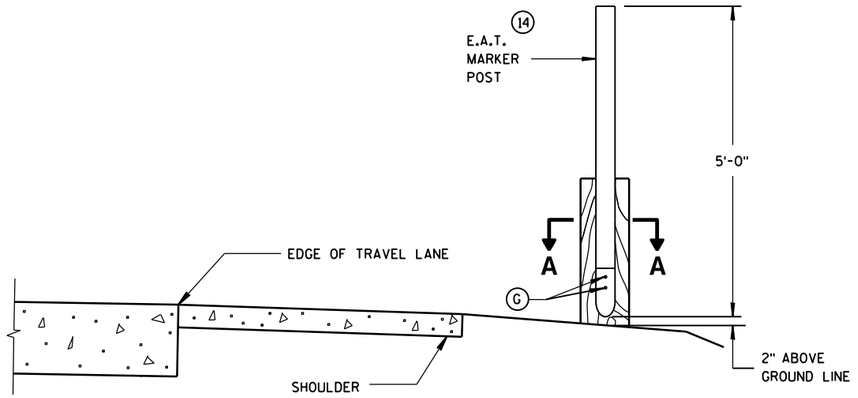
GENERIC REFLECTIVE SHEETING (13) (H)



FRONT VIEW

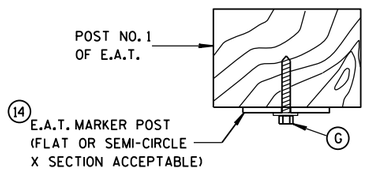
SIDE VIEW

E.A.T. MARKER POST (14)



TYPICAL INSTALLATION OF E.A.T. MARKER POST BACKSIDE OF POST NO. 1

(E.A.T. AND RAIL REMOVED FOR CLARITY)



SECTION A-A

MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

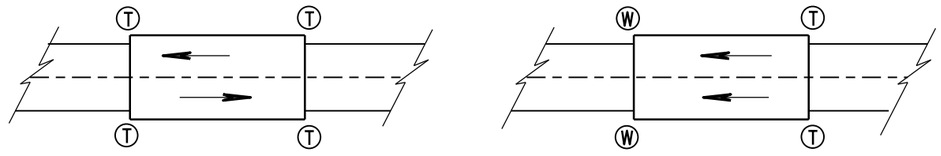
APPROVED
June 2014 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

6

S.D.D. 14 B 44-2c

6

S.D.D. 14 B 44-2c



TWO WAY TRAFFIC

ONE WAY TRAFFIC

(T) THRIE BEAM CONNECTION

(W) W-BEAM CONNECTION WHEN REQUIRED

TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

GENERAL NOTES

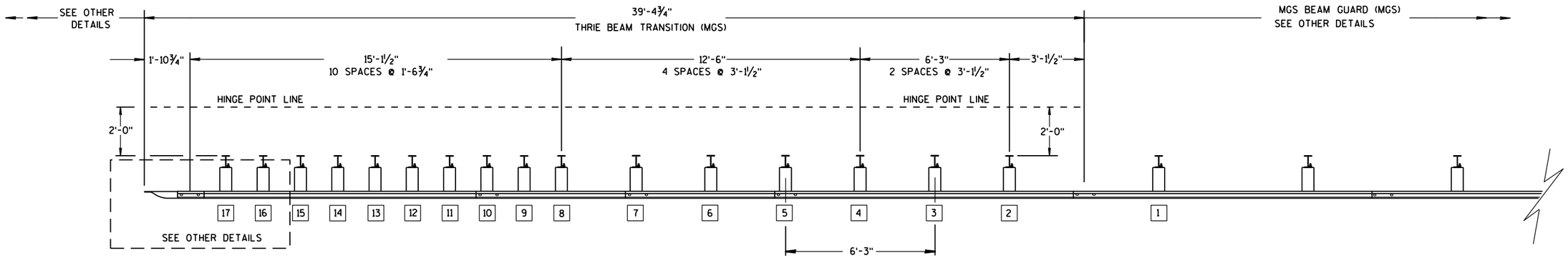
IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2½", AND 12" DIAMETER AROUND POST. SEE 14B42 FOR MORE DETAILS.

TRANSITION USES STEEL POSTS ONLY.

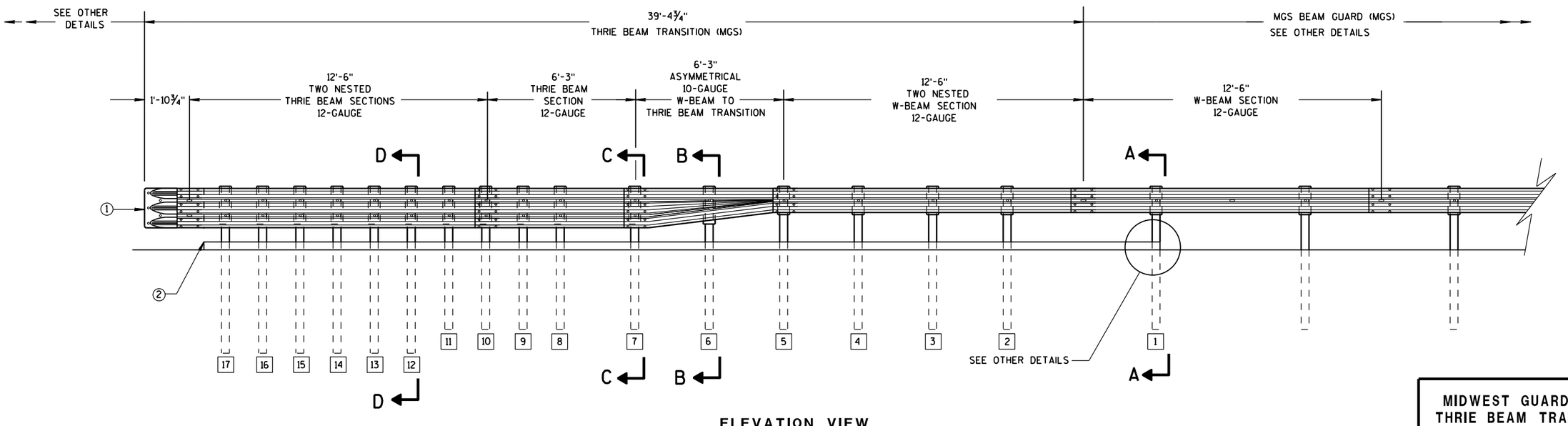
SEE STANDARD DETAIL DRAWING 14 B 42 FOR MORE INFORMATION.

(1) BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.



PLAN VIEW



ELEVATION VIEW

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 14 B 45-4a

6

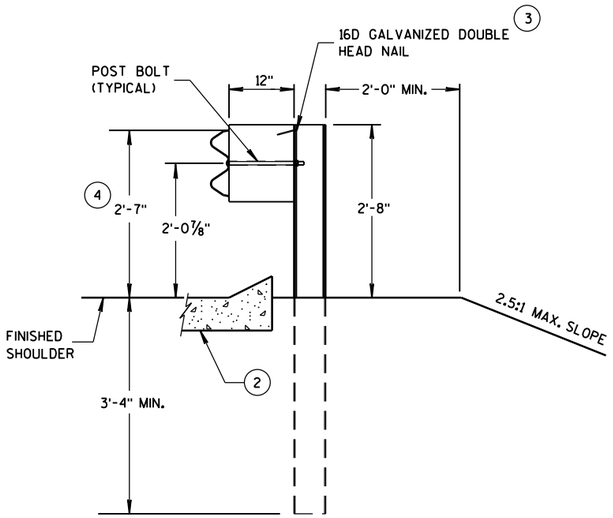
S.D.D. 14 B 45-4a

GENERAL NOTES

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE_FEATURE SEE PLAN FOR INFORMATION.

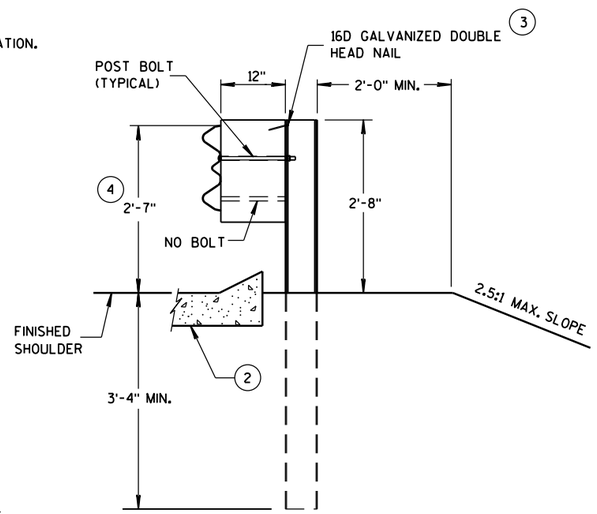
(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 10D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".



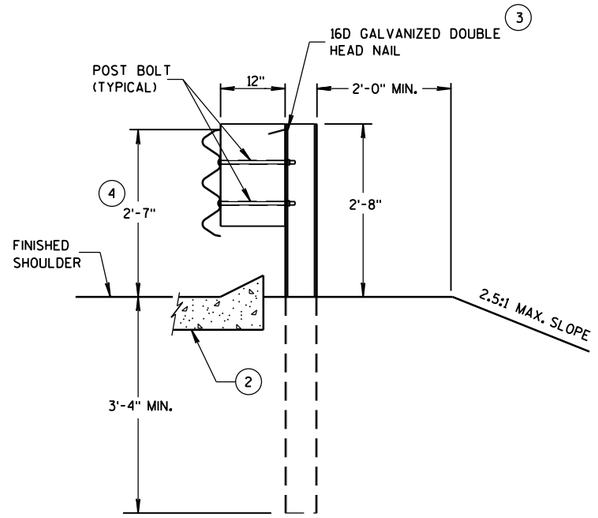
SECTION A-A

POSTS 1-5



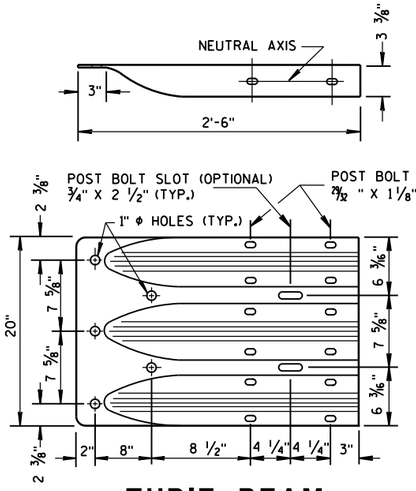
SECTION B-B

POST 6



SECTION C-C

POSTS 7-11



THRIE BEAM TERMINAL CONNECTOR

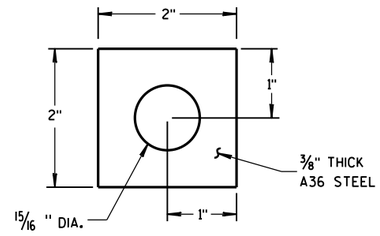
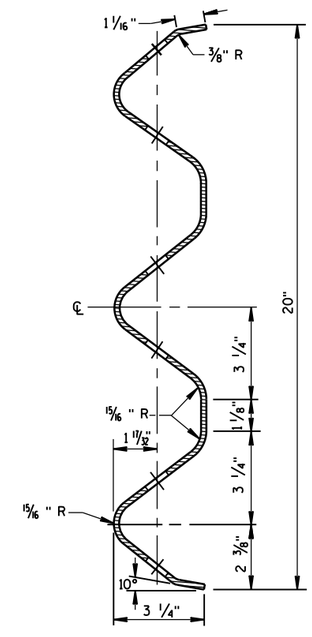
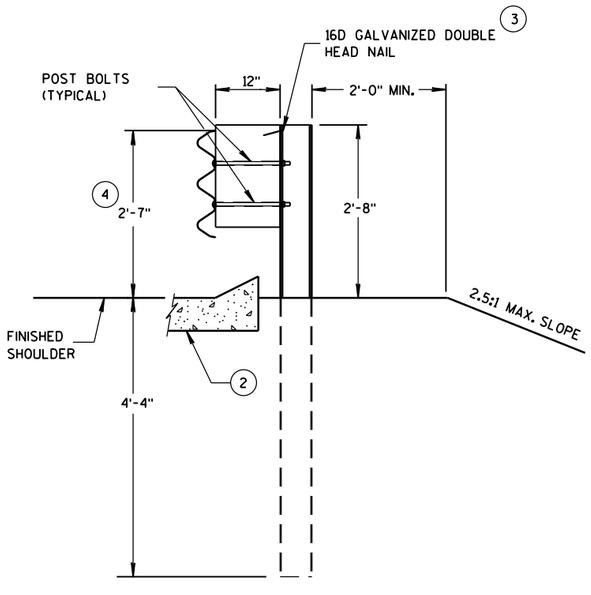


PLATE WASHER DETAIL

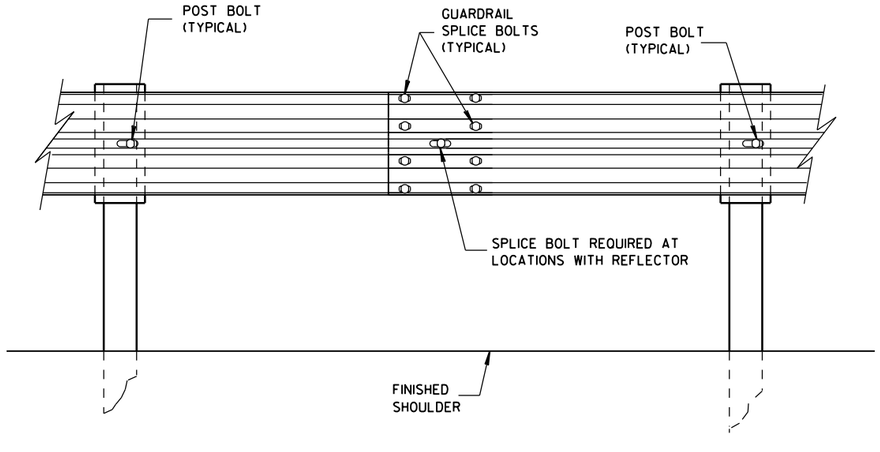


SECTION THRU THRIE BEAM RAIL ELEMENT



SECTION D-D

POSTS 12-17



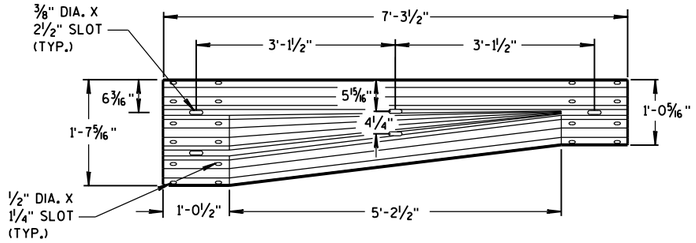
SPLICE DETAIL

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

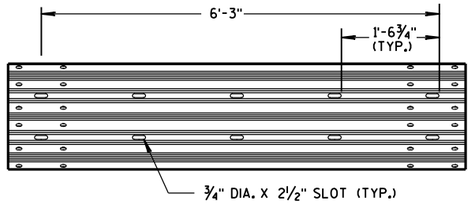
STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6

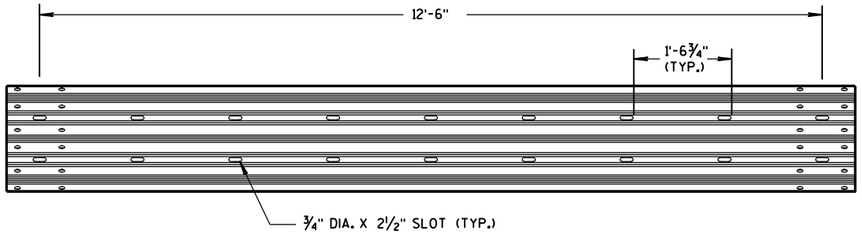
S.D.D. 14 B 45-4b



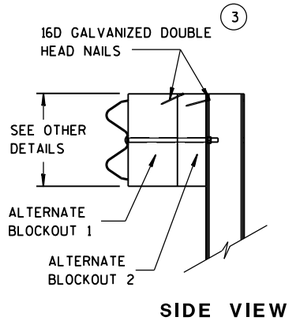
W-BEAM TO THRIE BEAM TRANSITION SECTION



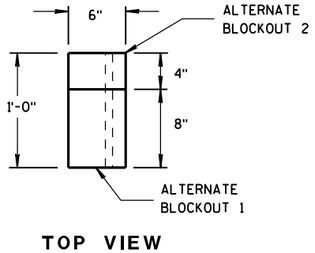
6'-3" THRIE BEAM SECTION



12'-6" THRIE BEAM SECTION

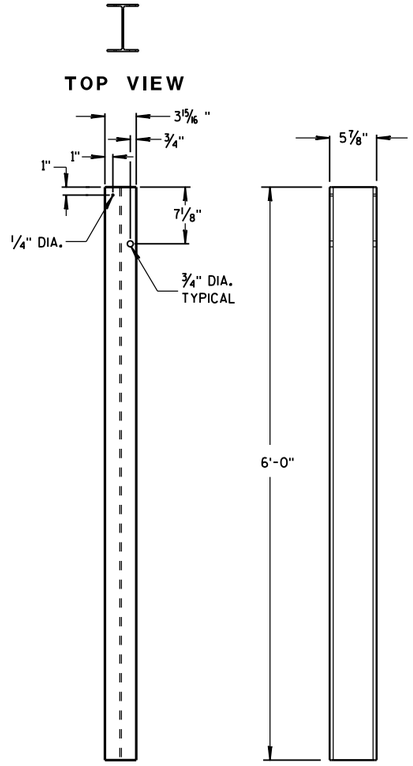


SIDE VIEW

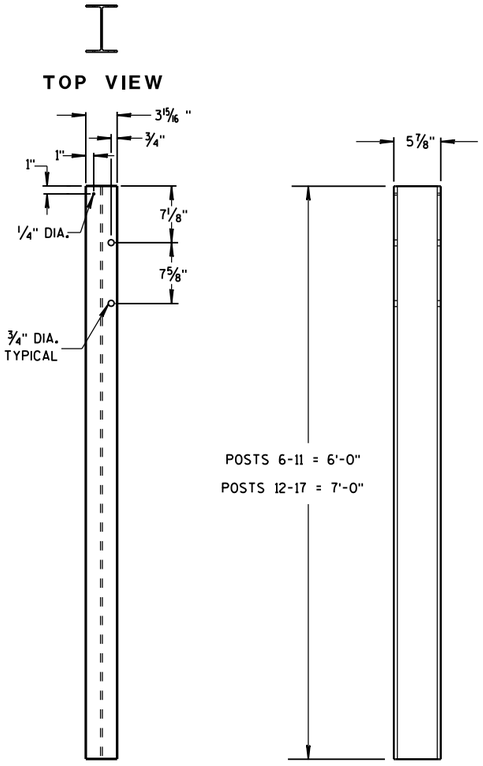


TOP VIEW

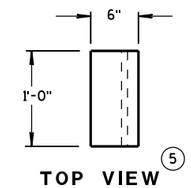
ALTERNATE WOOD BLOCKOUT DETAIL



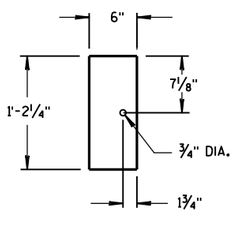
STEEL POSTS 1-5



STEEL POSTS 6-17

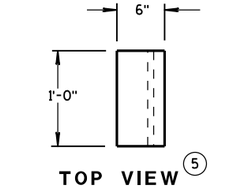


TOP VIEW

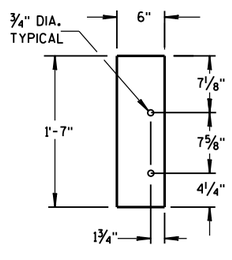


FRONT VIEW

BLOCKOUT POSTS 1-5



TOP VIEW



FRONT VIEW

BLOCKOUT POSTS 6-17

GENERAL NOTES

STEEL POSTS ARE W6X9 OR W6X8.5.

BOLT HOLES FOR POST ARE ON FRONT AND OF SIDE OF POST.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

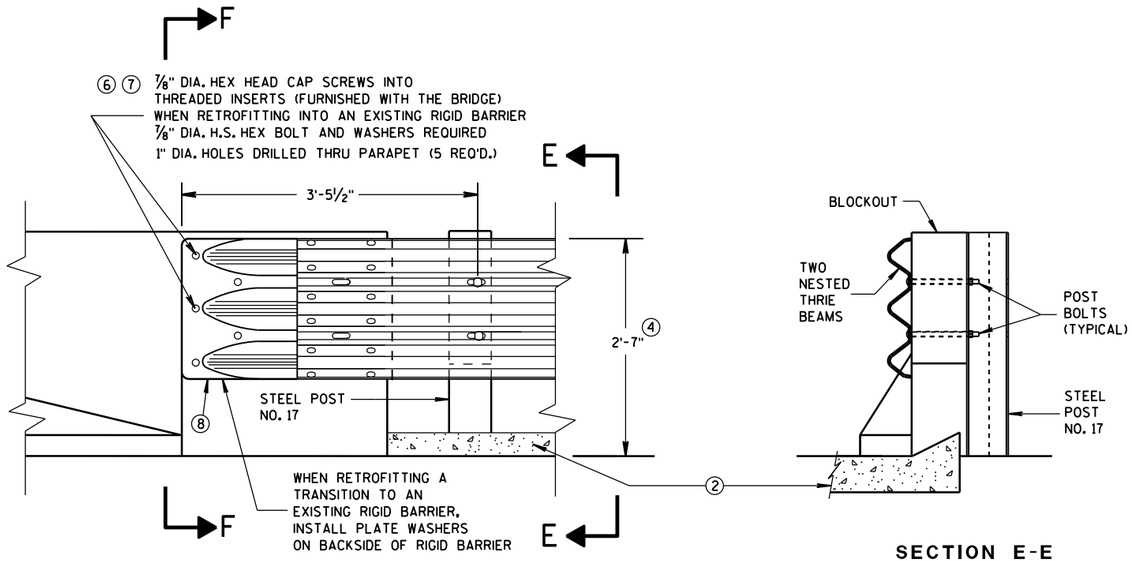
(5) WOOD BLOCKS MAY BE CONSTRUCTED OUT OF 2 WOOD BLOCKS. SEE ALTERNATE WOOD BLOCK DETAIL.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 14 B 45-4c



FRONT VIEW

SECTION E-E

THRIE BEAM CONNECTION TO BRIDGE PARAPET WITH SQUARE ENDS

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

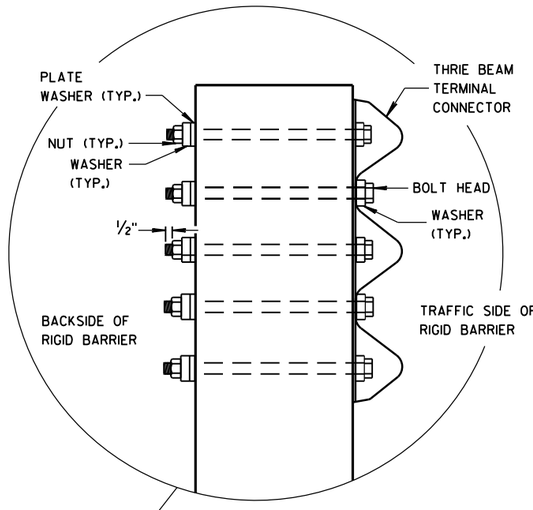
② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

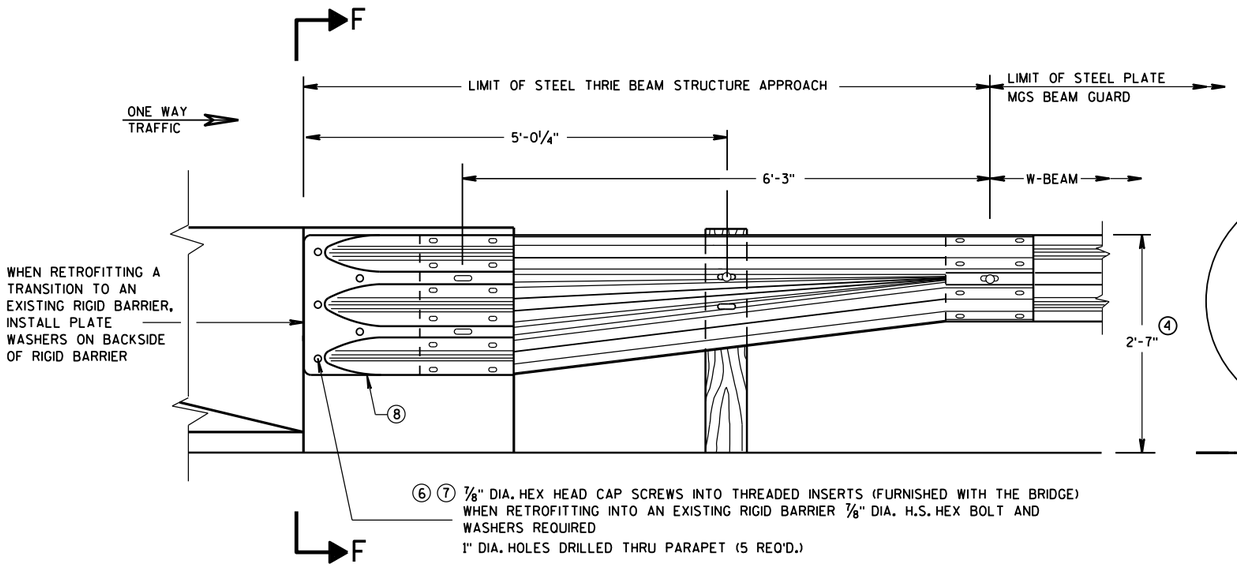
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

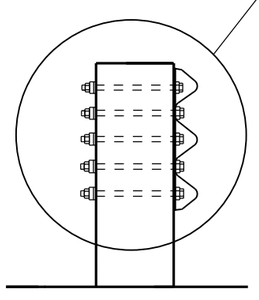
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/8" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

⑧ THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 1/2".

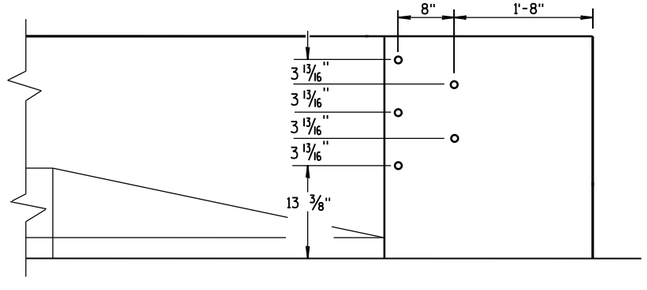




FRONT VIEW



SECTION F-F



DRILL HOLE LOCATION

W BEAM TRANSITION AND CONNECTION TO BRIDGE PARAPETS WITH SQUARE ENDS

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

NT

6

S.D.D. 14 B 45-4d

6

S.D.D. 14 B 45-4d

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

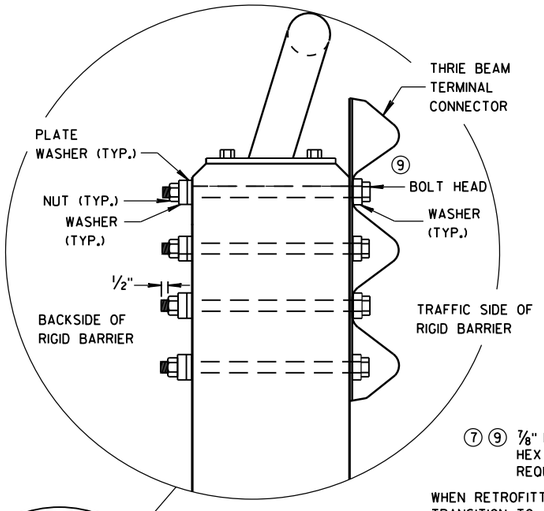
(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

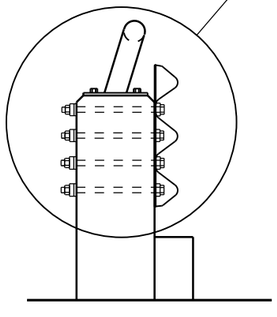
(6) DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/8" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

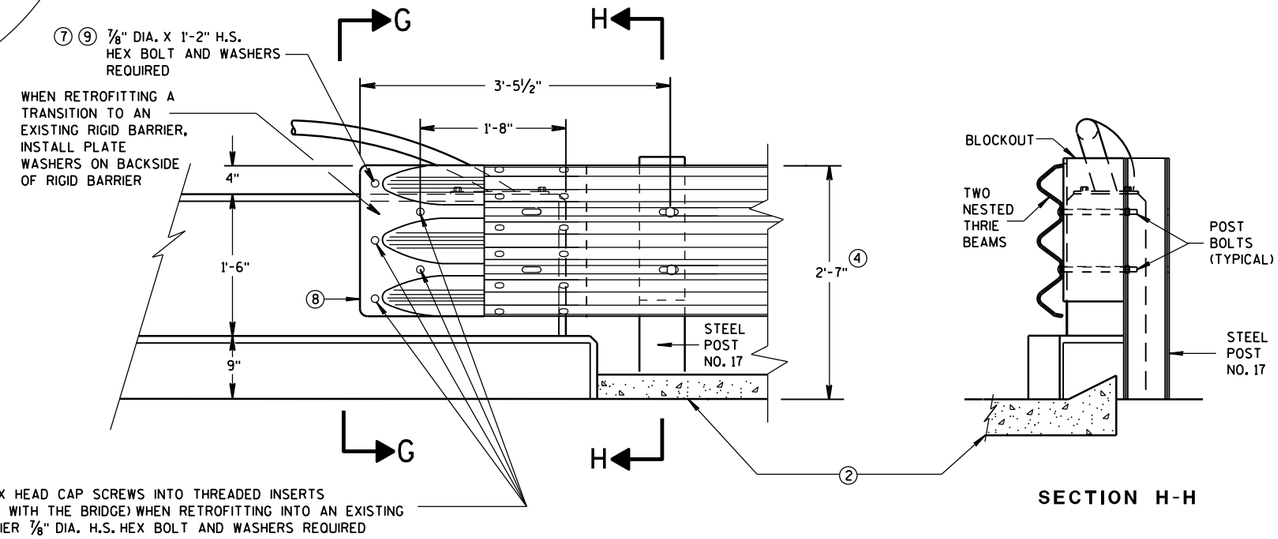
(8) THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 1/2".

(9) BOLT, NUT AND WASHERS NOT REQUIRED FOR THIS LOCATION WHEN RETROFITTING AN EXISTING PAPAPET AND THE HOLE IS EITHER ABOVE PARAPET OR WITHIN 4 INCHES OF THE EDGE OF PARAPET.





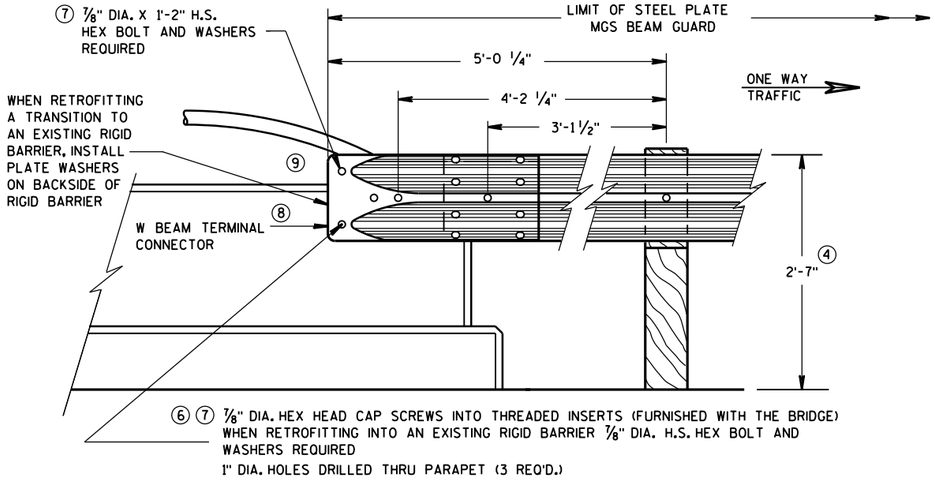
SECTION G-G



FRONT VIEW

SECTION H-H

THRIE BEAM CONNECTION TO VERTICAL FACED PARAPETS



FRONT VIEW

W BEAM CONNECTION TO VERTICAL FACE PARAPET

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

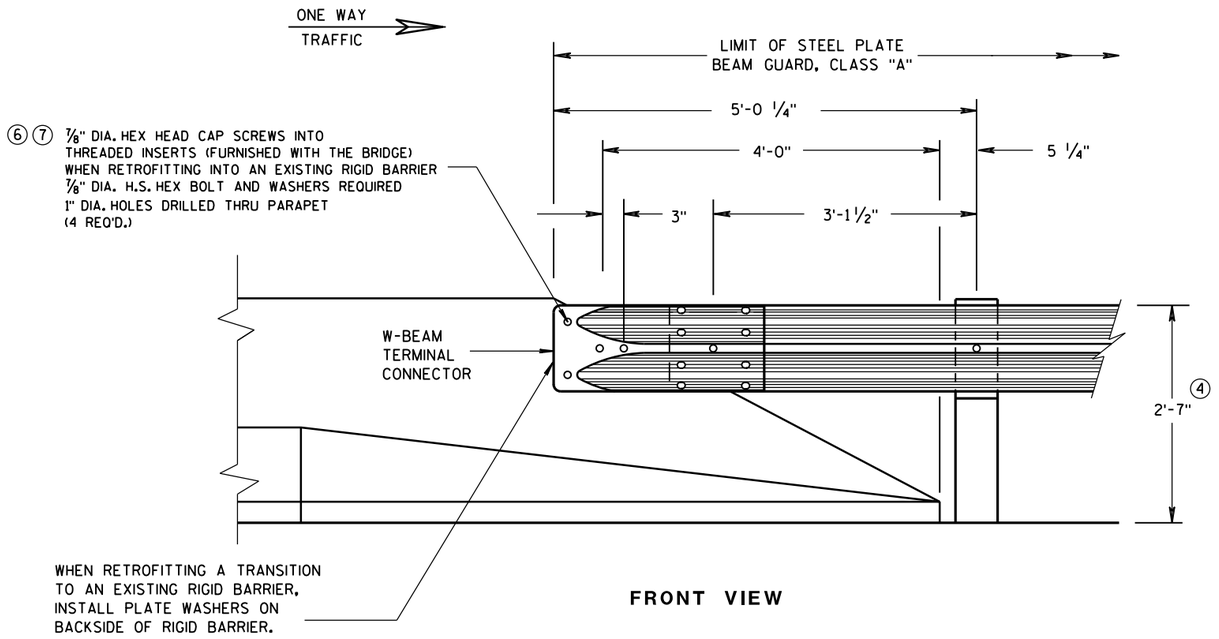
APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 14 B 45-4e

6

S.D.D. 14 B 45-4e



FRONT VIEW

W BEAM CONNECTION TO PARAPETS WITH SLOPED ENDS

(USE ONLY AT TRAFFIC EXIT END OF ONE WAY BRIDGE)

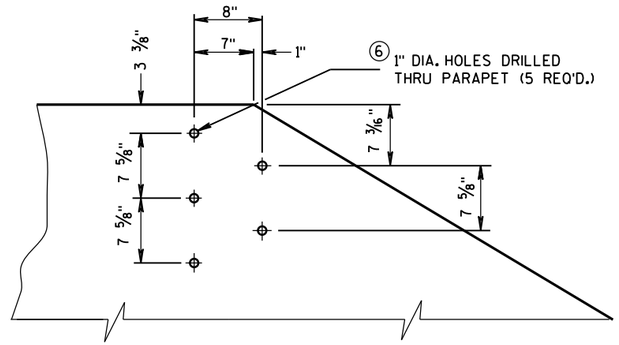
GENERAL NOTES

② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

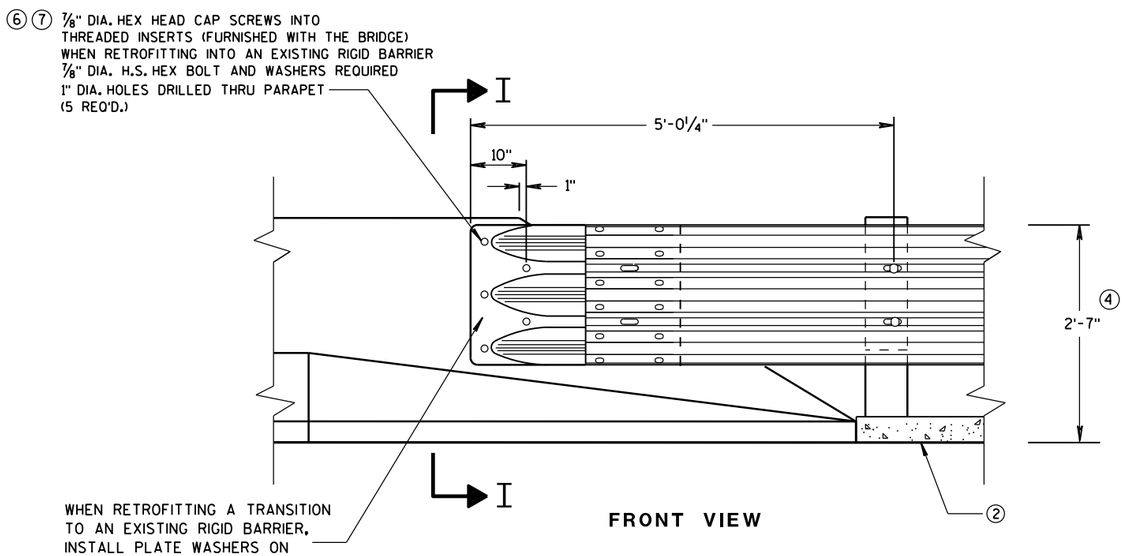
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

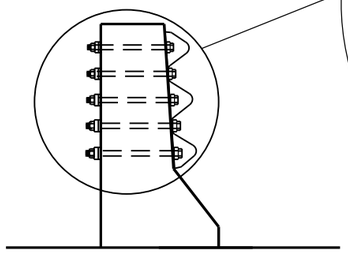
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/8" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



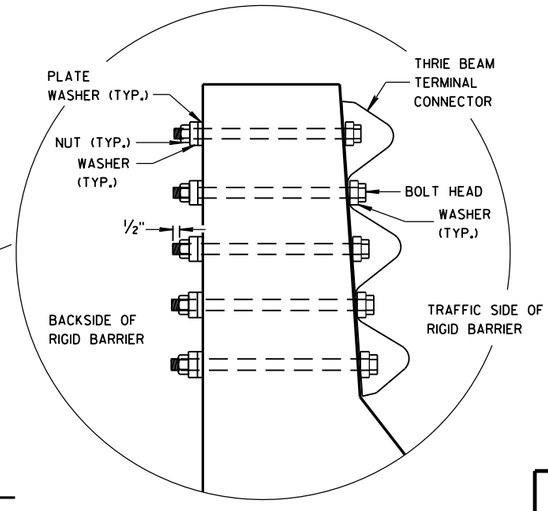
DRILL HOLE LOCATION AND PATTERN
FOR THRIE BEAM CONNECTION



FRONT VIEW



SECTION I-I



THRIE BEAM CONNECTION TO BRIDGE PARAPETS WITH SLOPED ENDS

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

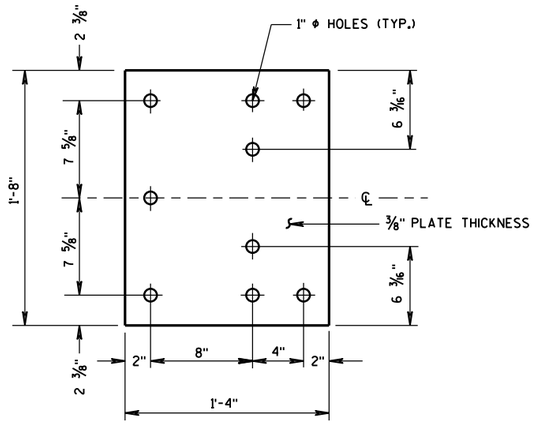
APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

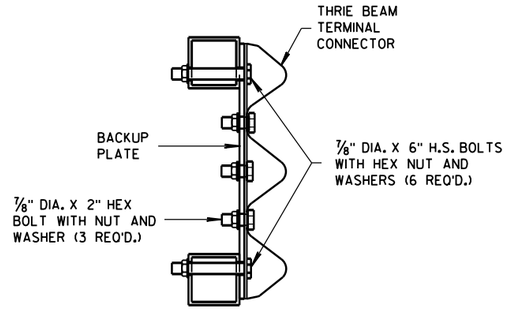
S.D.D. 14 B 45-4f

6

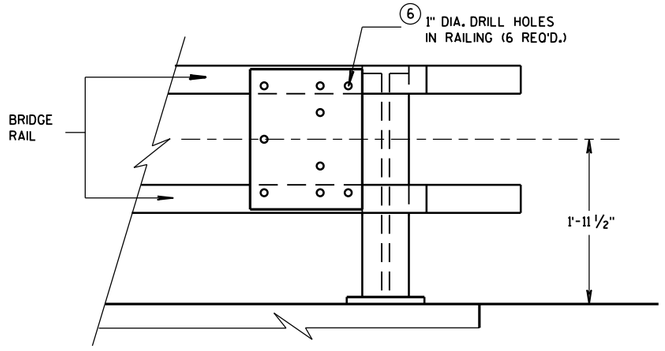
S.D.D. 14 B 45-4f



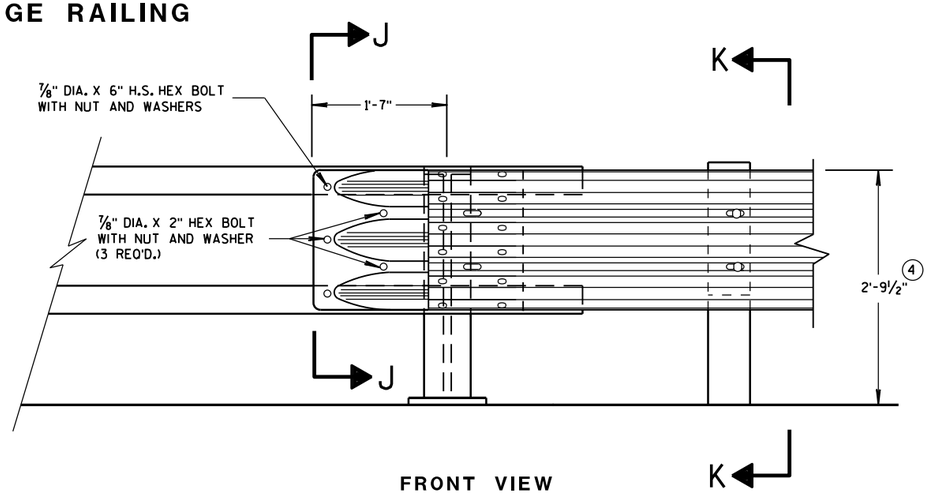
BACK-UP PLATE DETAIL



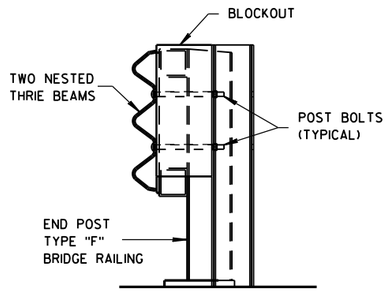
SECTION J-J



BACK-UP PLATE MOUNTING ONTO BRIDGE RAILING



FRONT VIEW



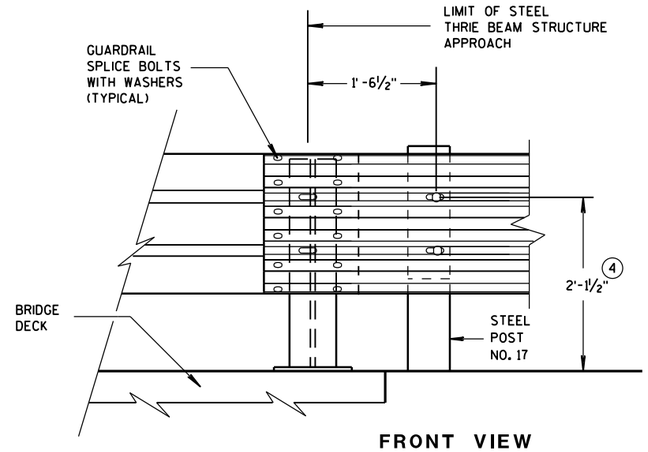
SECTION K-K

THRIE BEAM CONNECTION TO TUBULAR RAILING TYPE "F"

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(6) DRILLING HOLES THROUGH THE PAPRPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.



FRONT VIEW

THRIE BEAM CONNECTION TO STEEL RAILING TYPE "W"

6

6

S.D.D. 14 B 45-4g

S.D.D. 14 B 45-4g

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

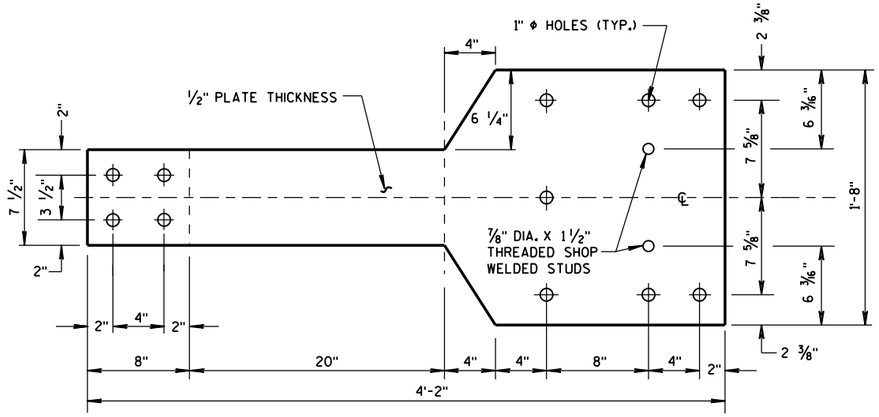
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

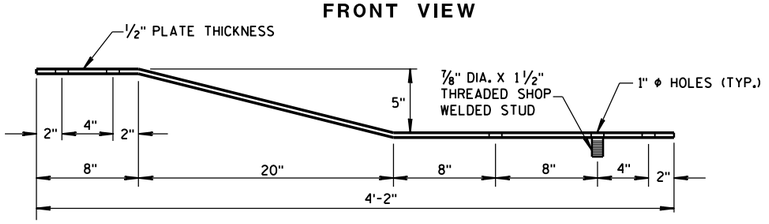
NT

GENERAL NOTES

(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

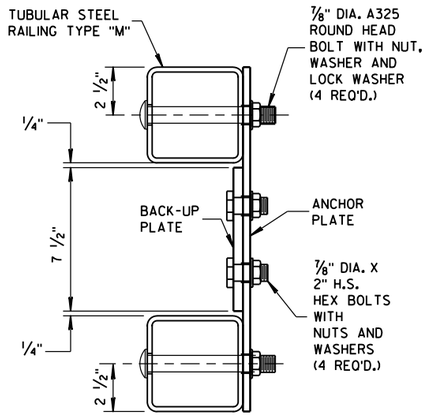


FRONT VIEW

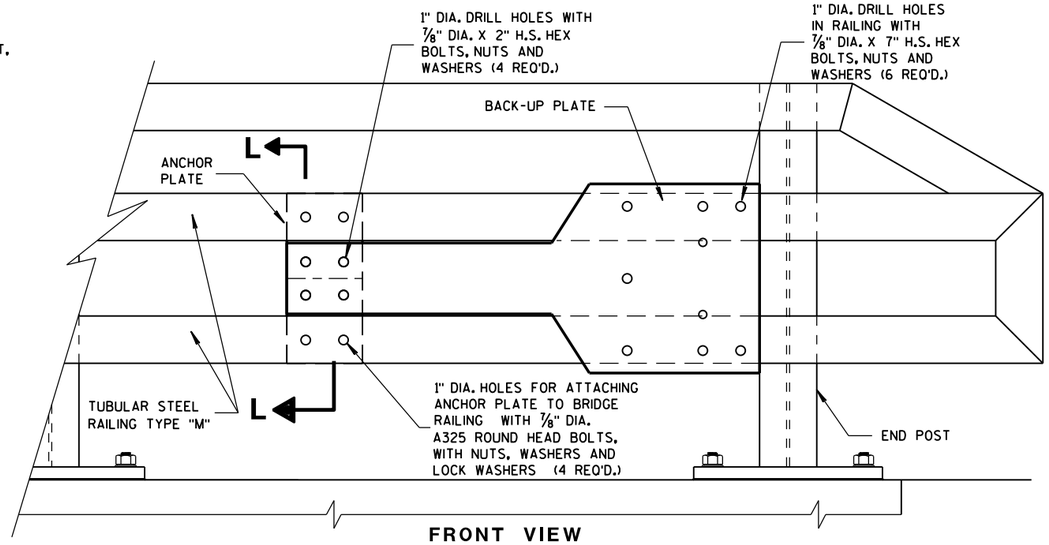


PLAN VIEW

BACK-UP PLATE DETAIL, TYPE "M"

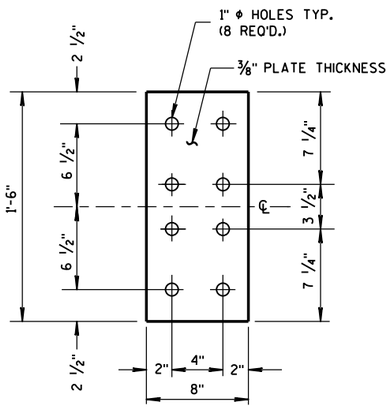


SECTION L-L



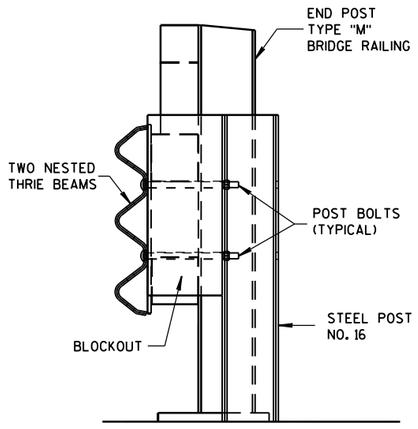
FRONT VIEW

ANCHOR AND BACK-UP PLATE MOUNTING TO BRIDGE RAILING, TYPE "M"

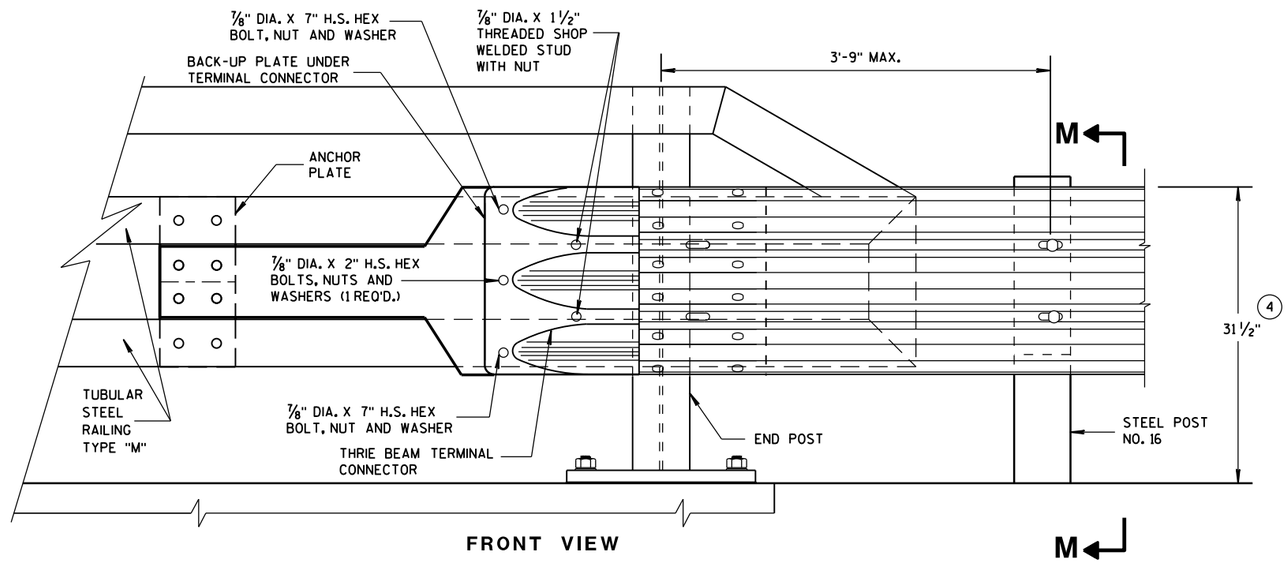


FRONT VIEW

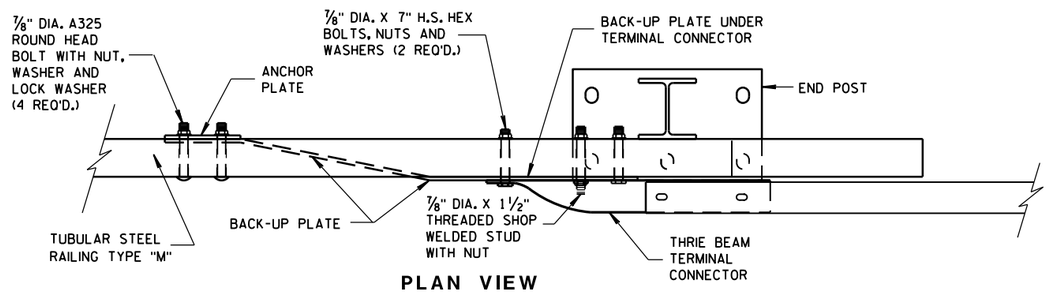
ANCHOR PLATE DETAIL, TYPE "M"



SECTION M-M



FRONT VIEW



PLAN VIEW

THRIE BEAM CONNECTION TO TUBULAR RAILING, TYPE "M"

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

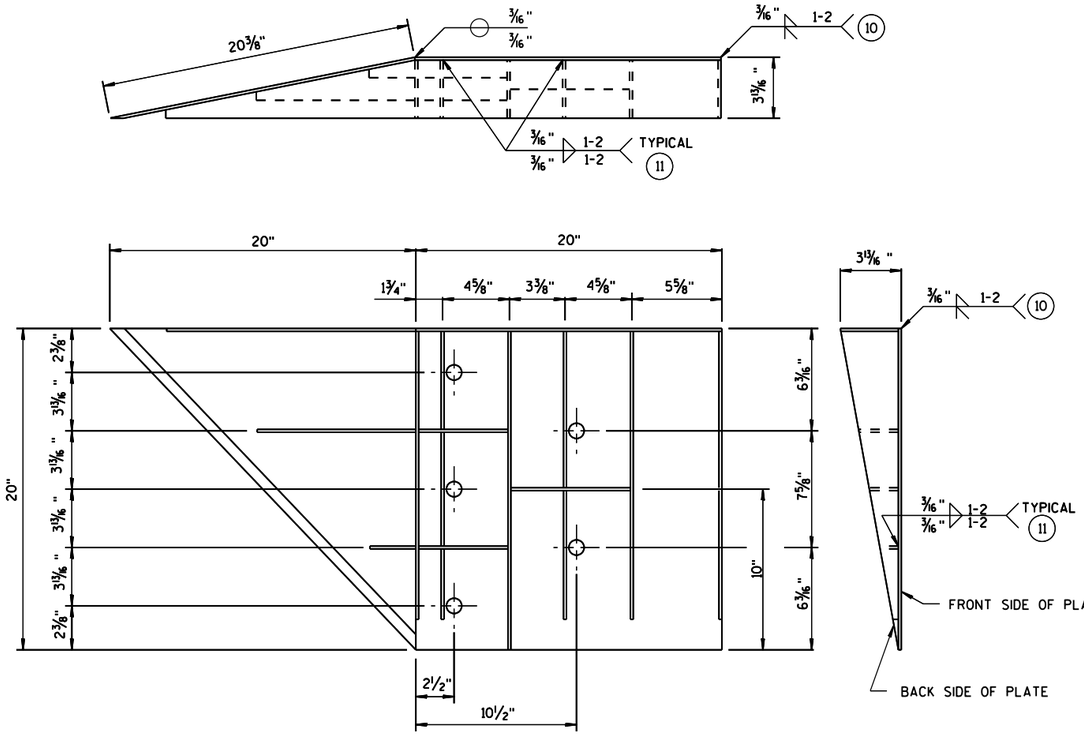
APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

6

S.D.D. 14 B 45-4h

6

S.D.D. 14 B 45-4h



WELDING INSTRUCTION

(VIEWED FROM BACK SIDE OF PLATE)

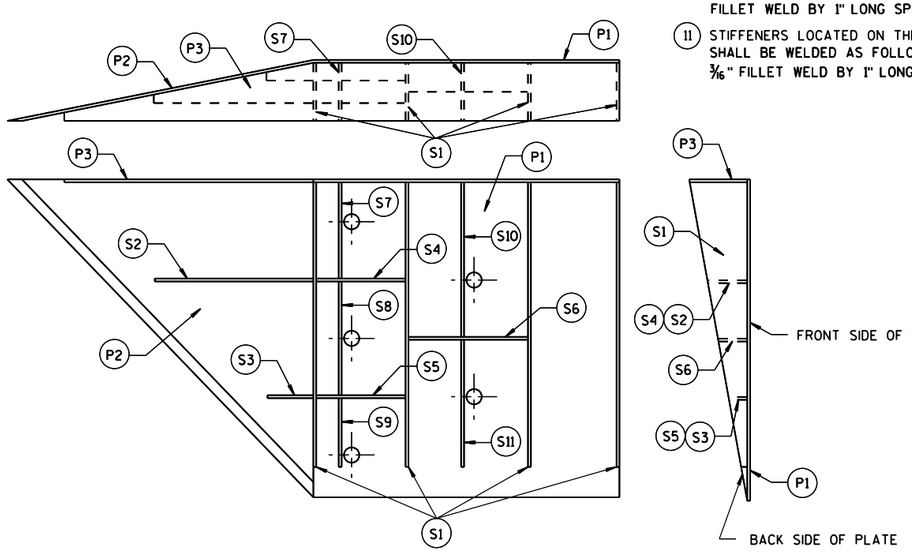


PLATE AND STIFFENER IDENTIFICATION

(VIEWED FROM BACK SIDE OF PLATE)

GENERAL NOTES

COVER PLATE PANELS ARE ⅜" THICK.

ALL STIFFENERS ARE ¼" THICK.

CONNECTOR PLATE SHALL BE FABRICATED FROM ASTM GRADE A36 STEEL AND GALVANIZED.

FOR GALVANIZED REQUIREMENTS, SEE SECTION 614 OF THE STANDARD SPECIFICATIONS.

ALL HOLE DIAMETERS SHALL BE 1".

FOR OPPOSITE SIDE INSTALLATION MIRROR DRAWINGS.

(10) STIFFENERS LOCATED AT THE OUTSIDE EDGES OF THE COVER PLATES SHALL BE WELDED AS FOLLOWS:
SINGLE BEVEL GROOVE WELD ON EXTERNAL SIDES AND ⅜" FILLET WELD BY 1" LONG SPACED AT 2" ON INTERNAL SIDES.

(11) STIFFENERS LOCATED ON THE INSIDE OF THE COVER PLATE SHALL BE WELDED AS FOLLOWS:
⅜" FILLET WELD BY 1" LONG SPACED AT 2".

CONNECTOR PLATE DIMENSION (PER ASSEMBLY)

PLATE	QUANTITY	SHAPE	SIZE (A x B x C x D)	THICKNESS
P1	1		20" x 20"	⅜"
P2	1		20" x 20" x 28⁹⁄₁₆"	⅜"
P3	1		39" x 3⅝" x 20" x 19⁵⁄₁₆"	⅜"
S1	4		18⁷⁄₁₆" x 3⅜" x 18¾"	¼"
S2	1		10¼" x 2⁷⁄₁₆" x 10⅜" x ½"	¼"
S3	1		3" x 1¹⁄₁₆" x 3⅛" x ½"	¼"
S4	1		6⅛" x 2⁷⁄₁₆"	¼"
S5	1		6⅛" x 1¹⁄₁₆"	¼"
S6	1		7¾" x 1¾"	¼"
S7	1		2⁹⁄₁₆" x 6" x 3⅝" x 5⅞"	¼"
S8	1		1³²⁄₃₂" x 7½" x 2½" x 7⅜"	¼"
S9	1		6¹⁄₁₆" x 6³⁄₁₆" x 1³²⁄₃₂"	¼"
S10	1		1⅛" x 9⅞" x 3⅝" x 9¹¹⁄₁₆"	¼"
S11	1		8½" x 8¾" x 1¹³⁄₁₆"	¼"

SINGLE SLOPE CONNECTION PLATE

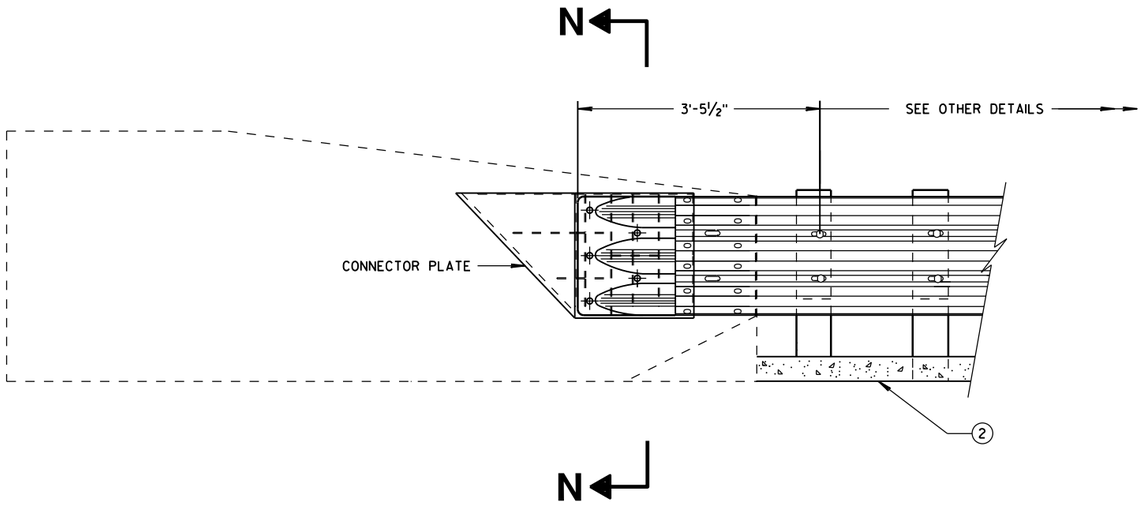
MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

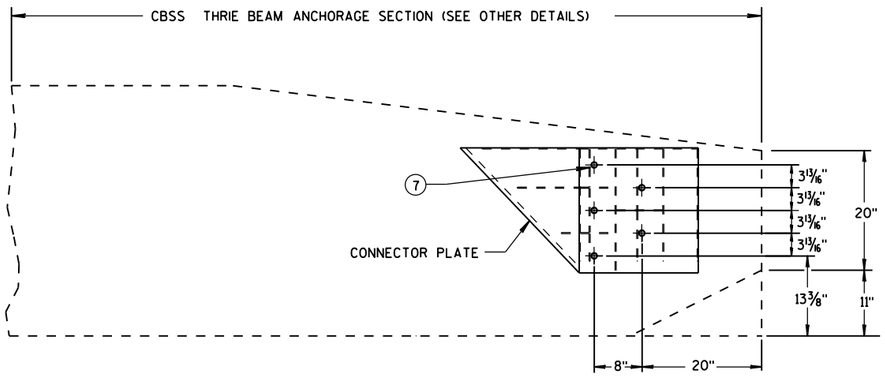
APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

6

S.D.D. 14 B 45-4i



THRIE BEAM CONNECTION TO SINGLE SLOPE BARRIER



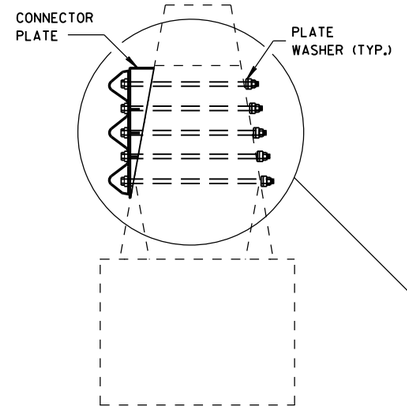
SINGLE SLOPE CONNECTION PLATE PLACEMENT

GENERAL NOTES

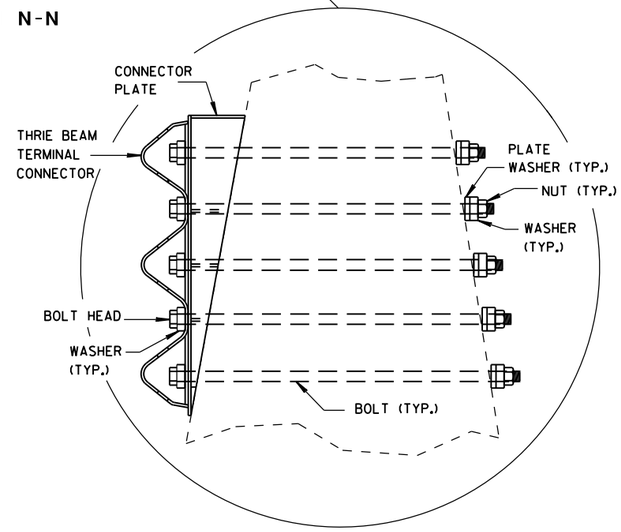
CONNECTOR PLATE, DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/8" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



SECTION N-N



MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

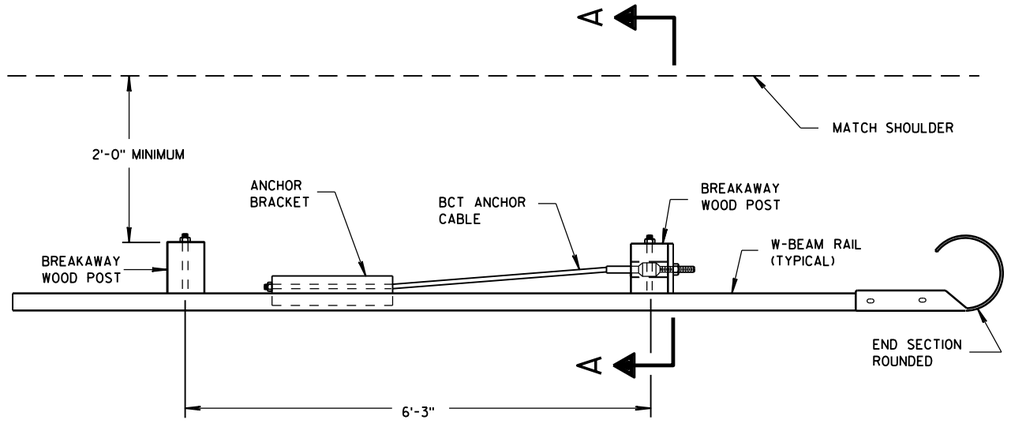
APPROVED
June, 2015 — DATE
/S/ Jerry H. Zoga — ROADWAY STANDARDS DEVELOPMENT ENGINEER
NT
FHWA

6

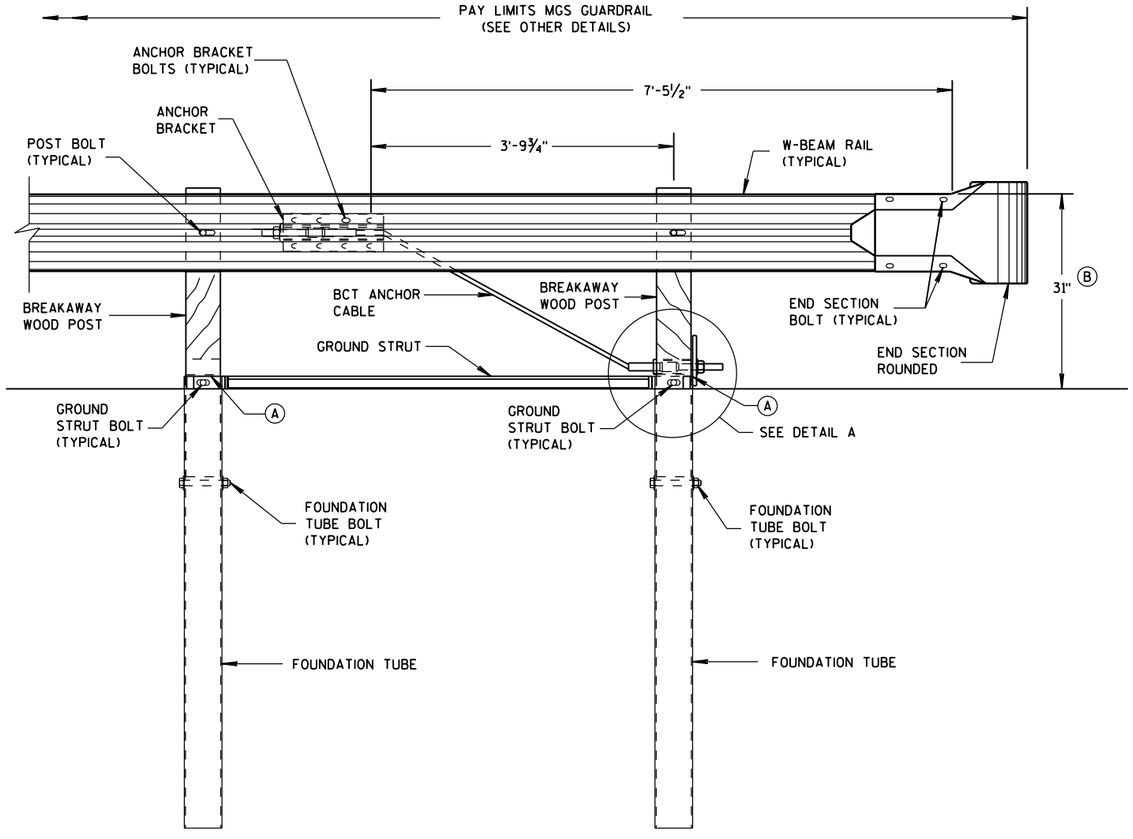
S.D.D. 14 B 45-4j

6

S.D.D. 14 B 45-4j

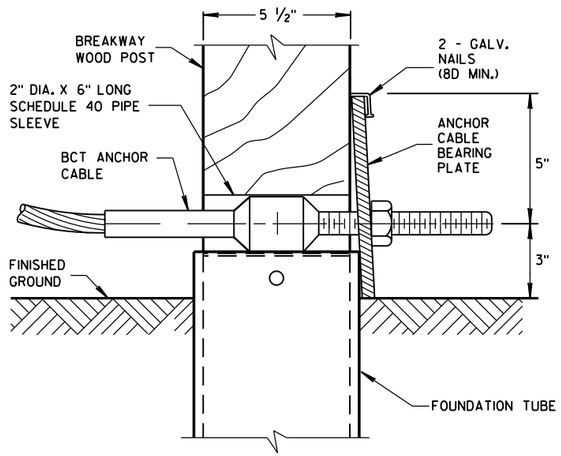


PLAN VIEW



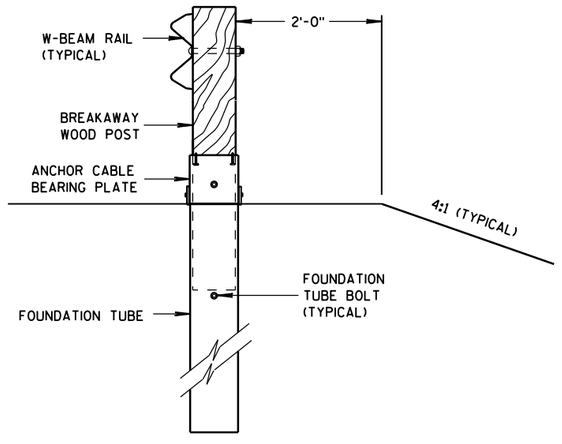
FRONT VIEW

END RAIL DETAIL



DETAIL A

POST NO. 1
GROUNG STRUT NOT SHOWN FOR CLARITY.



SECTION A-A

GENERAL NOTES

SEE SDD 14 B 42 FOR MORE INFORMATION.

END SECTION BOLTS AND NUTS HAVE THE SAME MATERIAL REQUIREMENTS AS SPLICE BOLTS.

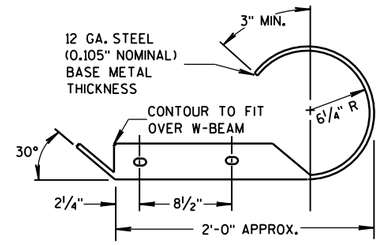
FOUNDATION TUBE BOLTS ARE ⅞" DIAMETER ASTM A307 HEX HEAD BOLT. FOUNDATION TUBE BOLTS REQUIRE ASTM A563 A NUT AND TWO ASTM F844 ⅞" DIAMETER FLAT WASHERS. INSTALL ONE WASHER UNDER BOLT HEAD AND ONE WASHER UNDER NUT.

ANCHOR BRACKET AND GROUND STRUT BOLTS ARE A ⅝" DIAMETER ASTM A307 HEX HEAD BOLT. ANCHOR BRACKET BOLTS REQUIRE ASTM A563 A NUT AND TWO ASTM F844 ⅝" DIAMETER FLAT WASHERS. INSTALL ONE WASHER UNDER BOLT HEAD AND ONE WASHER UNDER NUT.

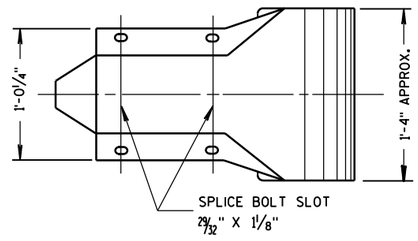
W-BEAM END SECTION ROUNDED HAS THE SAME MATERIAL PROPERTIES AS STANDARD STEEL RAIL.

(A) TOP OF FOUNDATION TUBE SHALL BE NO MORE THAN 3" ABOVE FINISHED GROUND.

(B) FOR NEW CONSTRUCTION TOP OF RAIL IS 31" ± 1".
FOR EXISTING INSTALLATIONS TOP OF RAIL IS BETWEEN 27¾" TO 32" ± 1".



PLAN VIEW



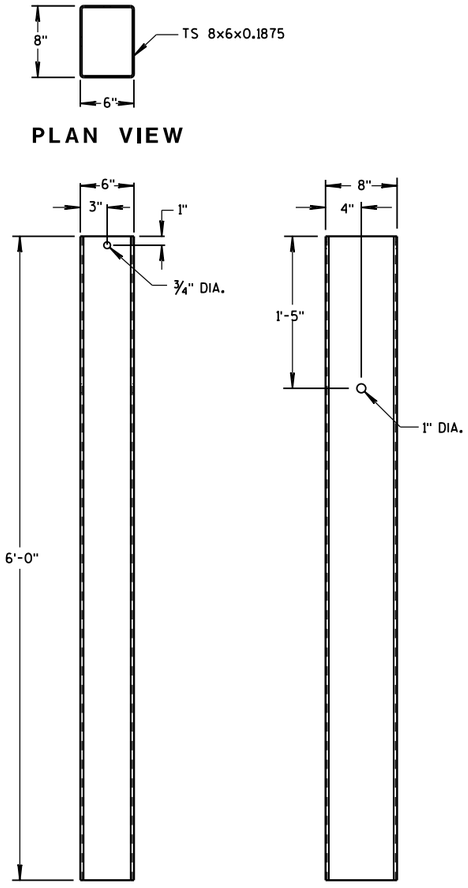
FRONT VIEW

W BEAM END SECTION ROUNDED

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

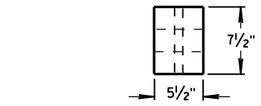
6
S.D.D. 14 B 47-2a



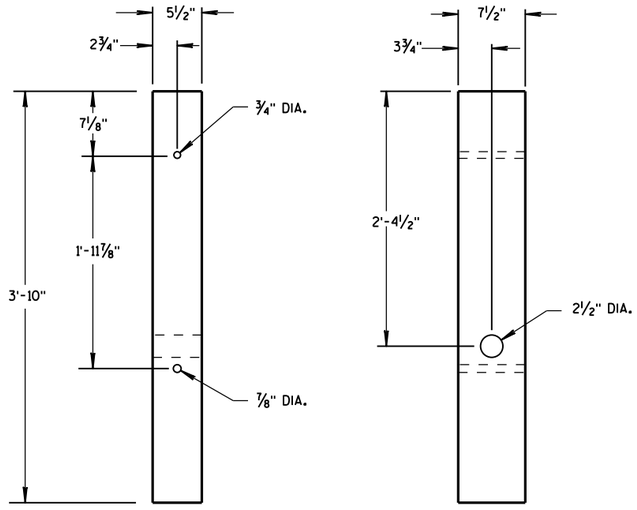
PLAN VIEW

FRONT VIEW SIDE VIEW

FOUNDATION TUBE



PLAN VIEW



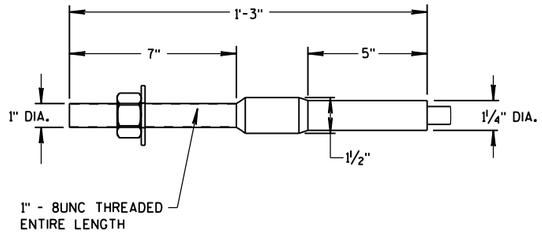
FRONT VIEW SIDE VIEW

BREAKAWAY WOOD POST

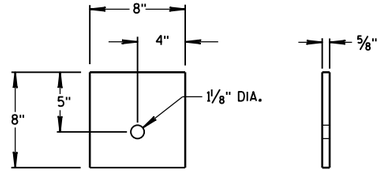
GENERAL NOTES

BCT ANCHOR CABLE IS A ¾" DIAMETER 6X19 IWRC IPS GALVANIZED WIRE ROPE. THE SWAGED FITTINGS AND STUD ARE REQUIRED. END FITTING SHALL BE MACHINED FROM HOT-ROLLED CARBON STEEL CONFORMING TO ASTM A576 GRADE 1035 AND GALVANIZED ACCORDING TO ASTM A123. TREADED STUD SHALL CONFORM TO ASTM A325 OR SAE GRADE 5. MINIMUM BREAKING STRENGTH OF WIRE ROPE IS 43,000 LB. WIRE ROPE IS TO BE TAUT.

BCT ANCHOR CABLE



DETAIL B



SIDE VIEW FRONT VIEW

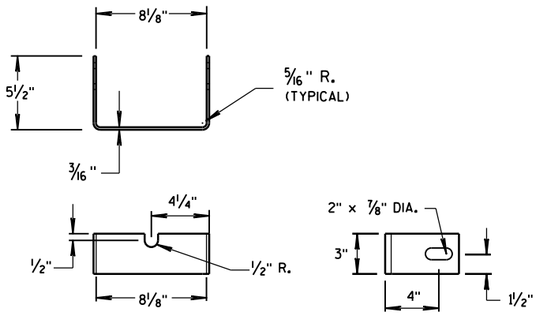
ANCHOR CABLE
BEARING PLATE

MIDWEST GUARDRAIL
SYSTEM (MGS) TYPE 2 TERMINAL

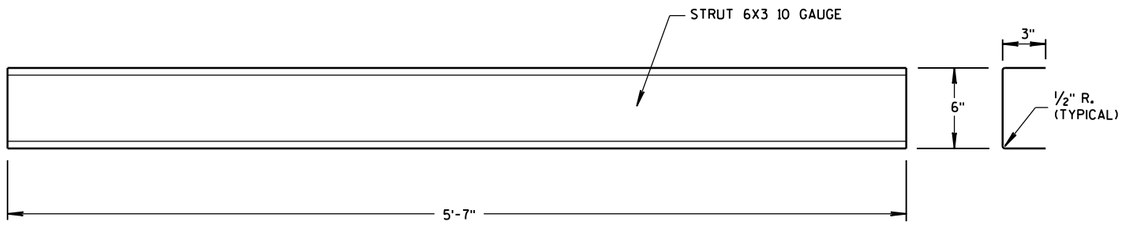
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

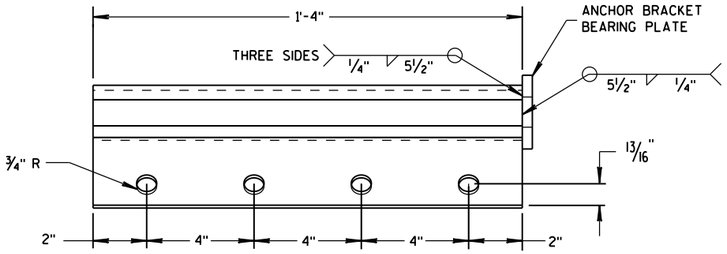
S.D.D. 14 B 47-2b

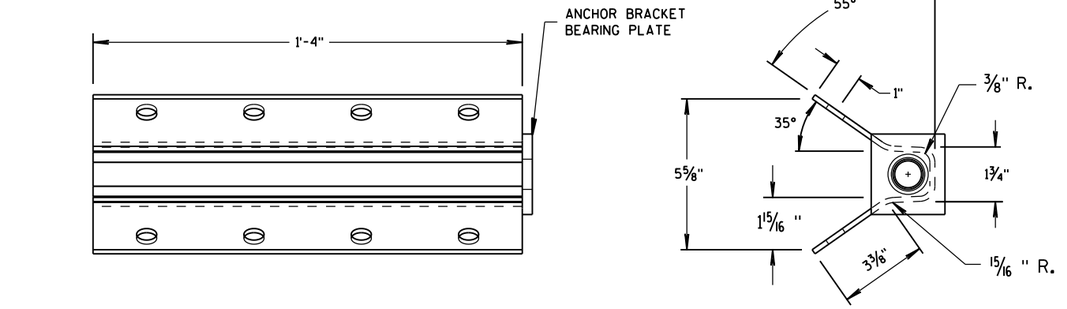


YOKE DETAIL

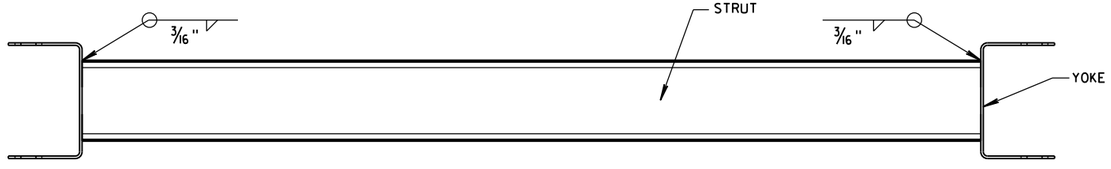


STRUT DETAIL

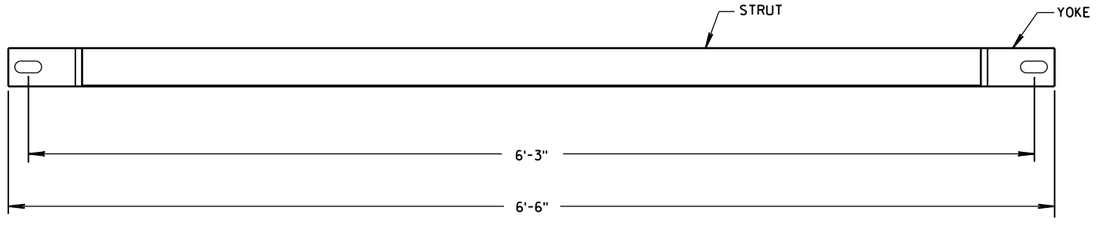




ANCHOR BRACKET

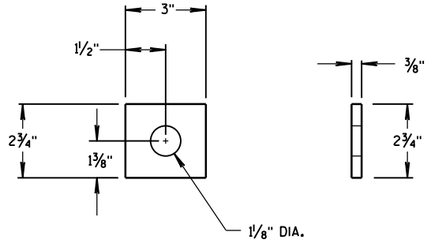


PLAN VIEW



FRONT VIEW

GROUND STRUT DETAIL



ANCHOR BRACKET BEARING PLATE

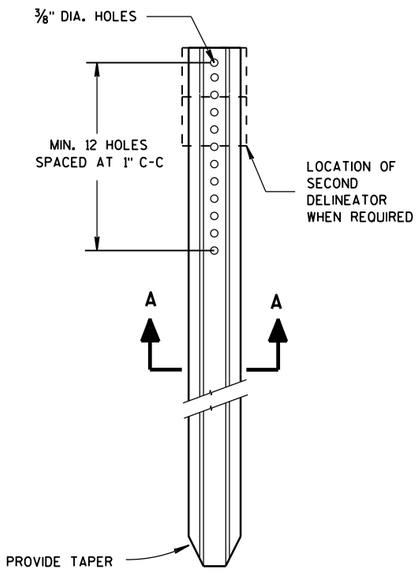
MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

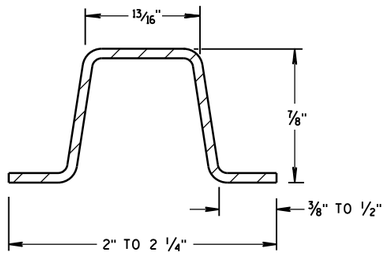
APPROVED
June 2014
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER
FHWA

6

S.D.D. 14 B 47-2c

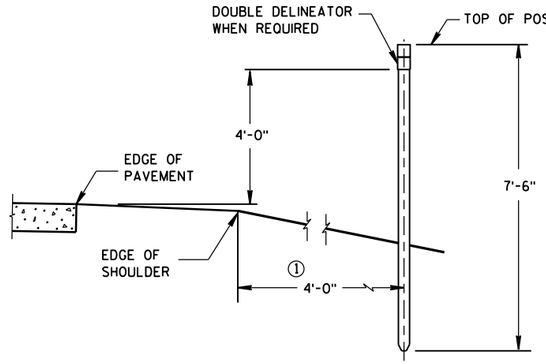


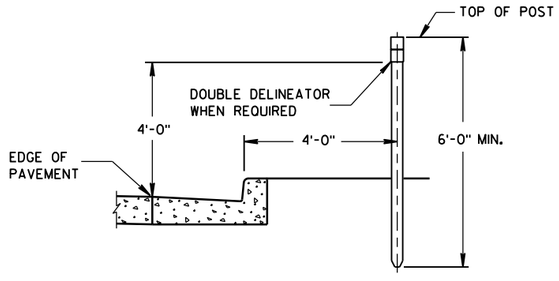
DELINEATOR POST



SECTION A-A

WEIGHT 1.12 LBS PER FT. ± 0.1 LB.



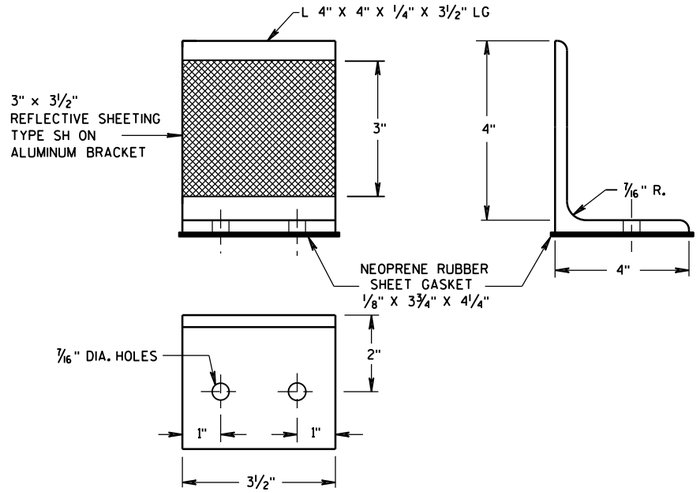


TYPICAL INSTALLATIONS OF DELINEATOR POSTS

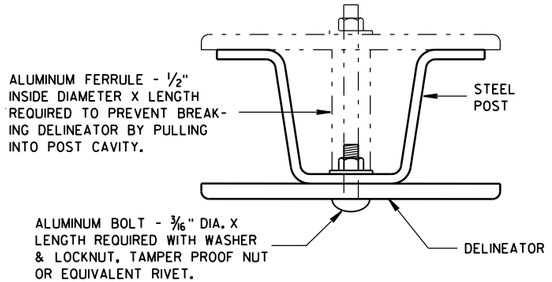
GENERAL NOTES

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

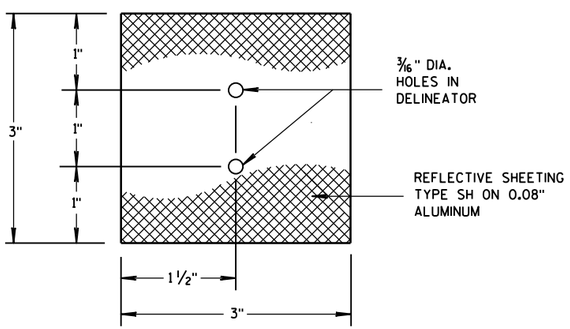
① DELINEATORS SHALL BE PLACED AT A CONSTANT DISTANCE FROM THE EDGE OF THE SHOULDER FOR THE LENGTH OF THE INSTALLATION.



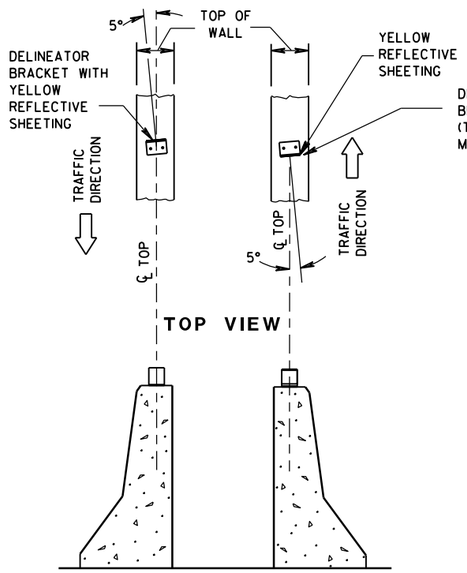
DELINEATOR BRACKET



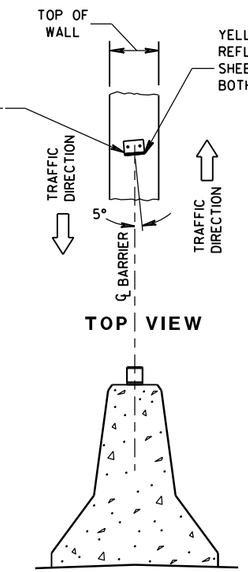
MOUNTING DETAIL FOR DELINEATOR



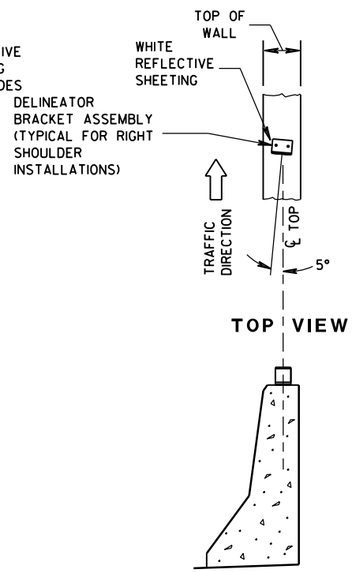
3"x 3" DELINEATOR



DOUBLE BARRIERS IN MEDIAN

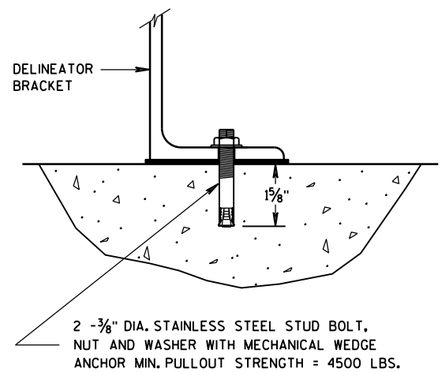


MEDIAN BARRIER



BARRIER LOCATED TO RT. OF TRAFFIC FLOW

LOCATION AND AIMING DETAILS FOR DELINEATOR BRACKETS MOUNTED ON CONCRETE BARRIERS



DELINEATOR BRACKET MOUNTING DETAIL

DELINEATOR POST, DELINEATOR, AND DELINEATOR BRACKET WITH REFLECTIVE SHEETING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

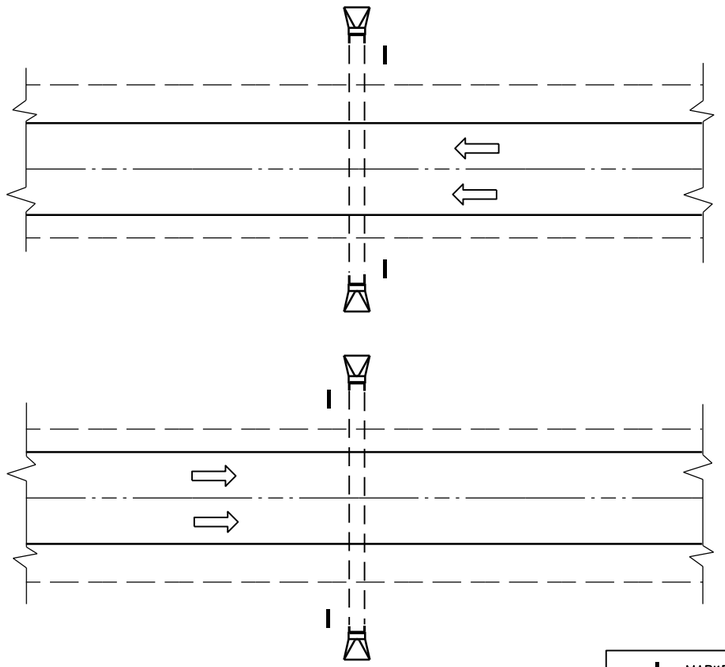
APPROVED
7/2013 — DATE
/S/ Travis Feltes — STATE TRAFFIC E
FHWA

6

S.D.D. 15 A 2-8

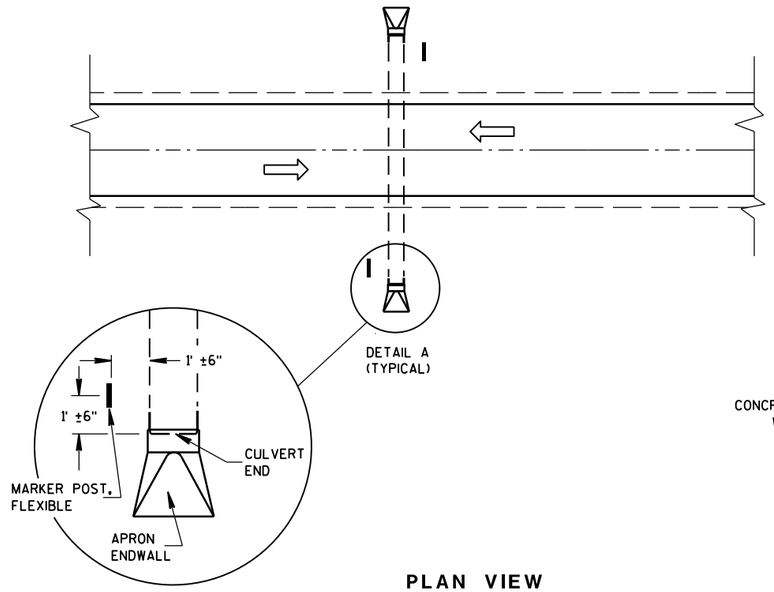
6

S.D.D. 15 A 2-8



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

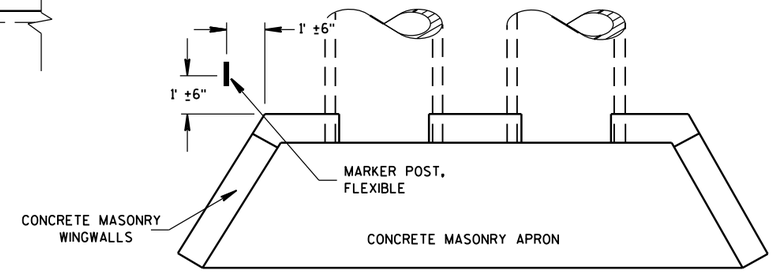
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

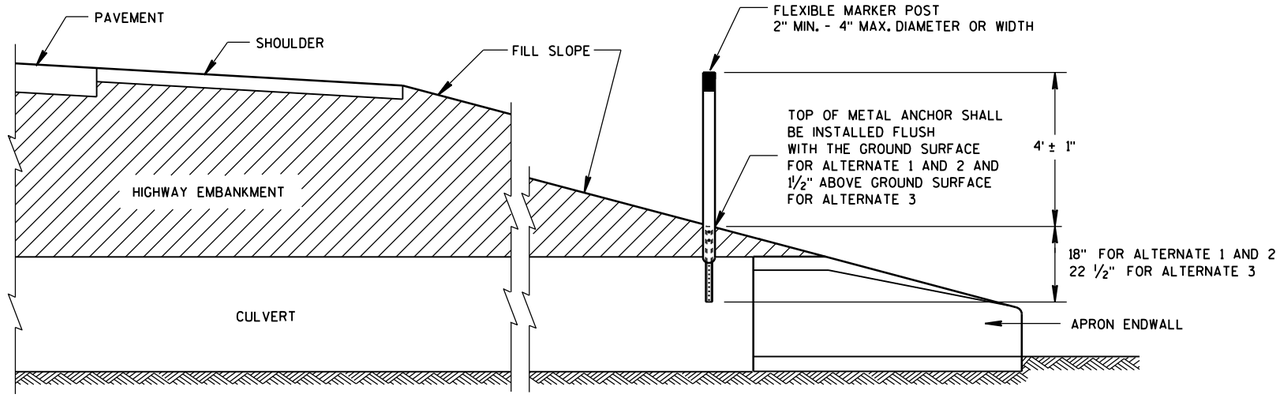
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

FLEXIBLE MARKER POST
FOR CULVERT END

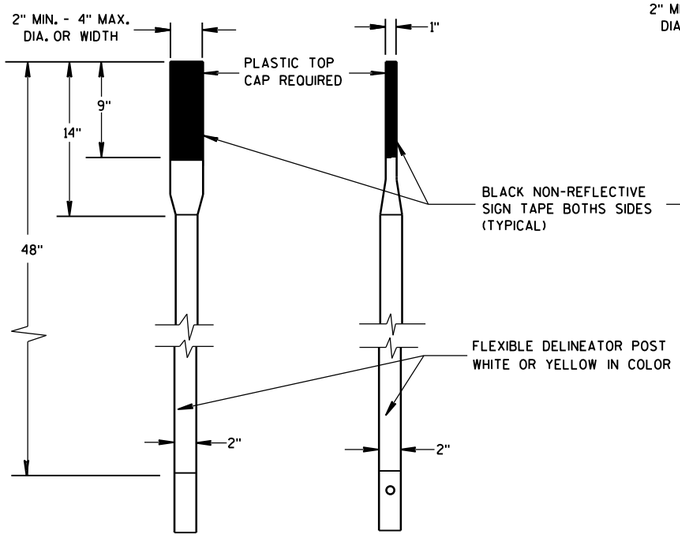
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

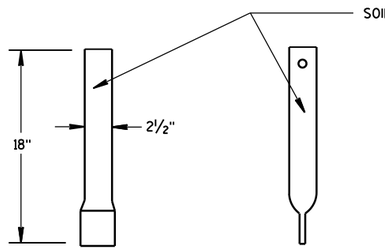
6

S.D.D. 15 A 3-2a

6

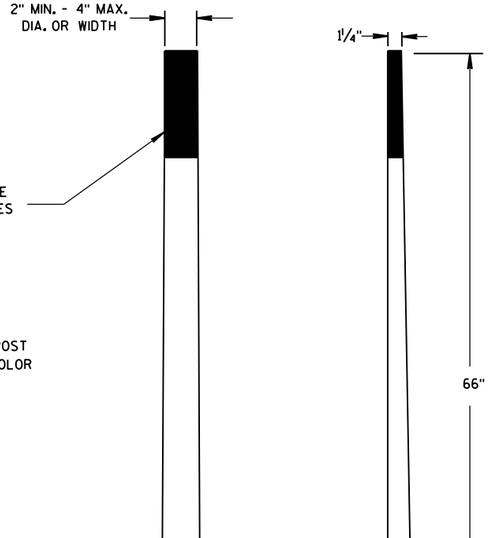
S.D.D. 15 A 3-2a





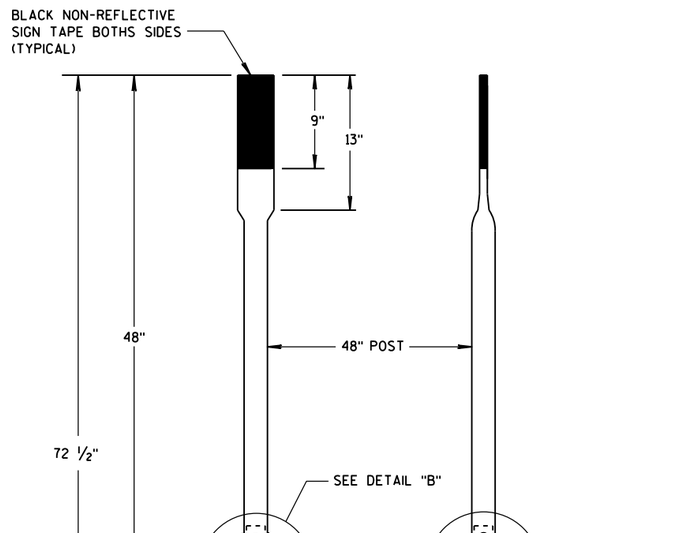
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

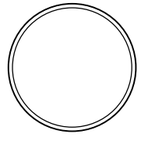
ALTERNATE 2



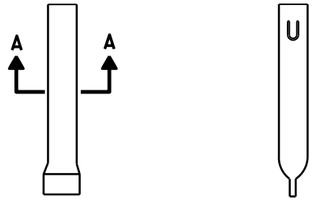
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POSTS

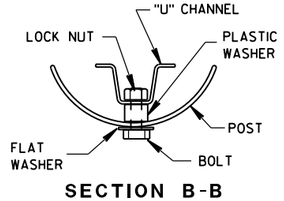


SECTION A-A

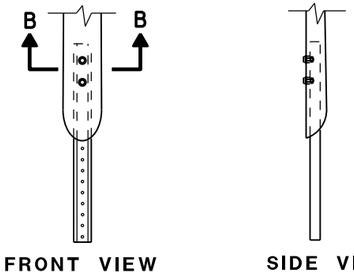


FRONT VIEW SIDE VIEW

ALTERNATE 1

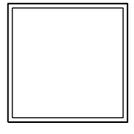


SECTION B-B

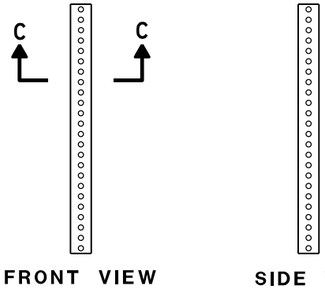


FRONT VIEW SIDE VIEW

ALTERNATE 2



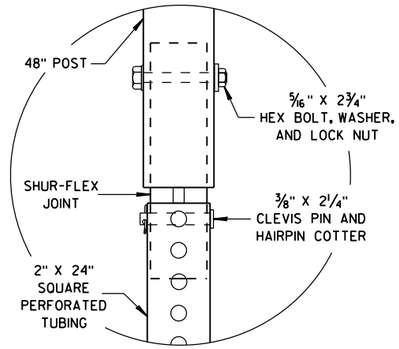
SECTION C-C



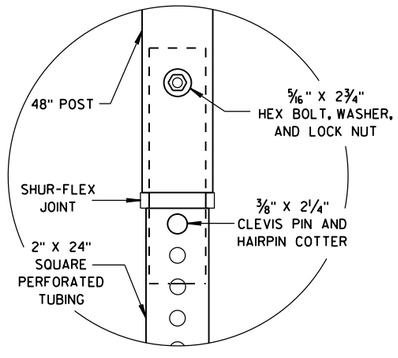
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS



DETAIL B



DETAIL C

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/1/2012
DATE
/S/ Travis Feltes
STATE TRAFFIC ENGINEER
IGN
FHWA

6

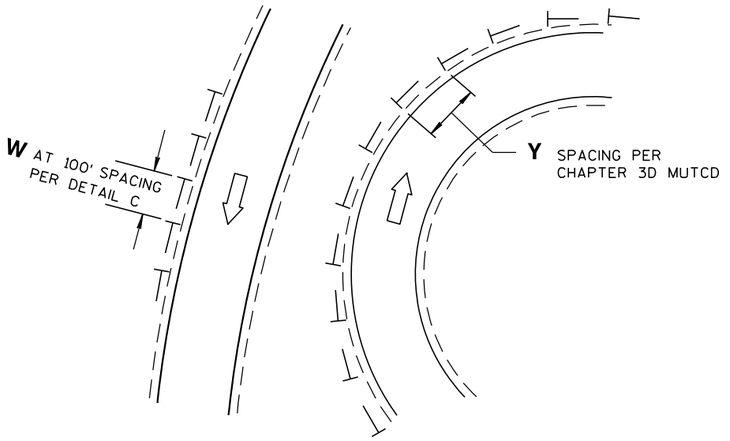
S.D.D. 15 A 3-2b

6

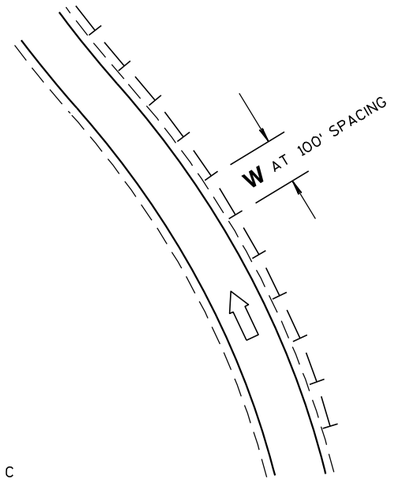
S.D.D. 15 A 3-2b

GENERAL NOTES

* USE DOUBLE DELINEATOR ALONG ACCELERATION-DECELERATION LANES AND TAPERS. USE SINGLE DELINEATOR WHEN RAMP PAVEMENT IS FULL WIDTH.



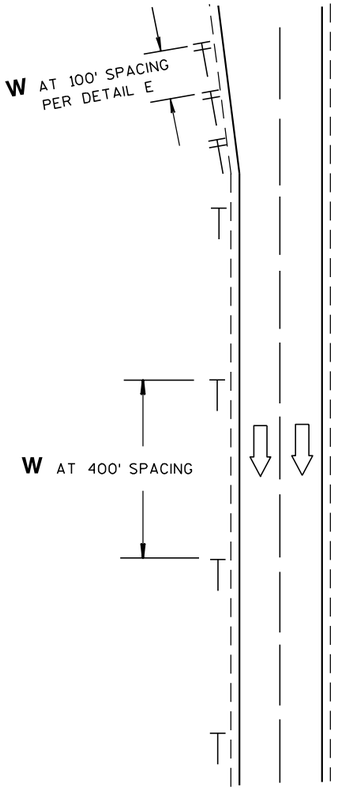
DETAIL A
DELINEATOR LAYOUT AT CURVED RAMP



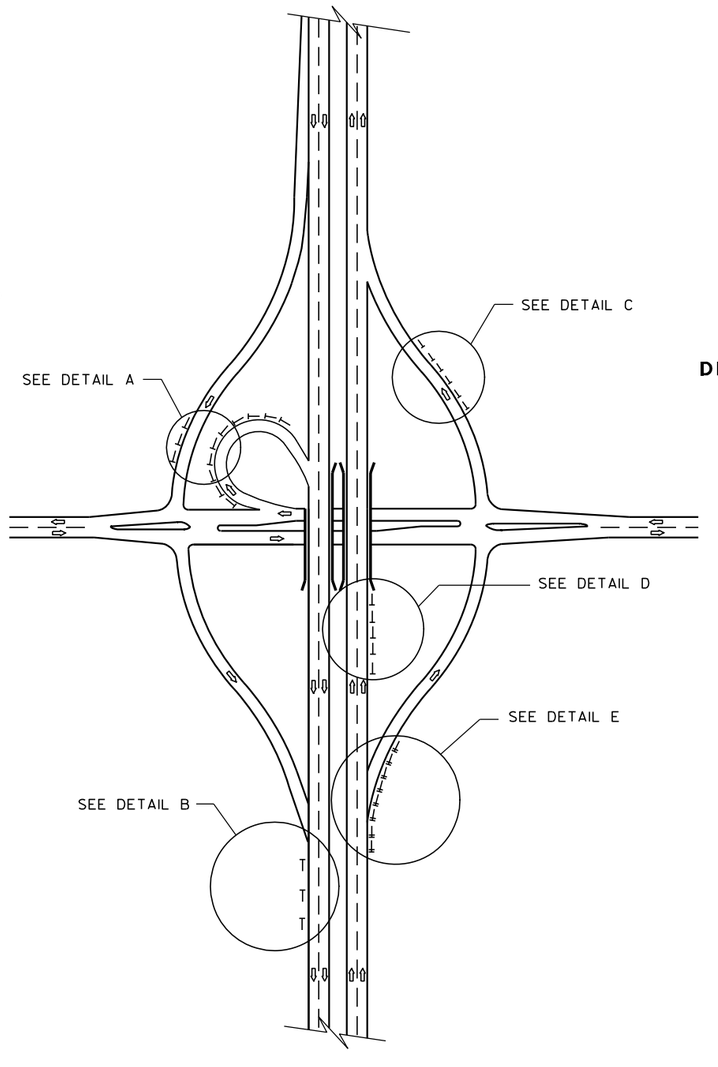
DETAIL C
DELINEATOR LAYOUT ALONG RAMP

LEGEND

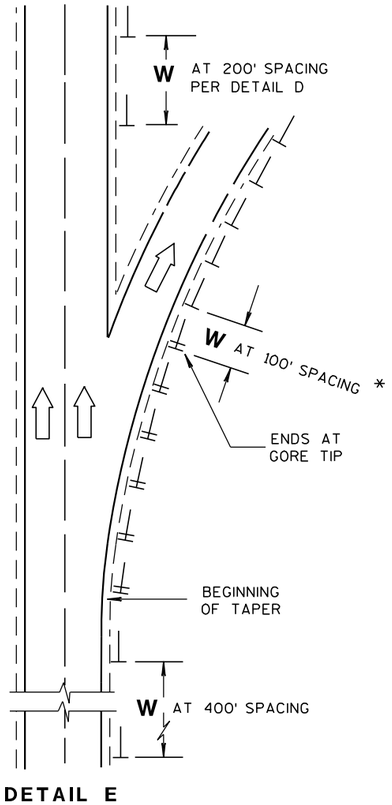
- DIRECTION OF TRAFFIC FLOW
- SINGLE DELINEATOR
- DOUBLE DELINEATOR
- W — WHITE
- Y — YELLOW



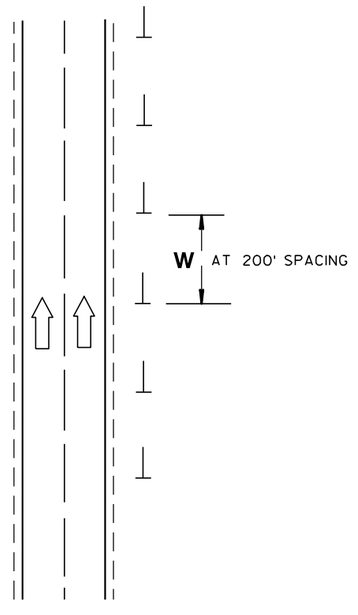
DETAIL B
DELINEATOR LAYOUT ALONG MAINLINE



DELINEATOR LAYOUT



DETAIL E
DELINEATOR LAYOUT FOR ACCELERATION - DECELERATION LANES AND TAPERS AT RAMPS



DETAIL D
DELINEATOR LAYOUT BETWEEN INTERCHANGE RAMPS

DELINEATOR LAYOUT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

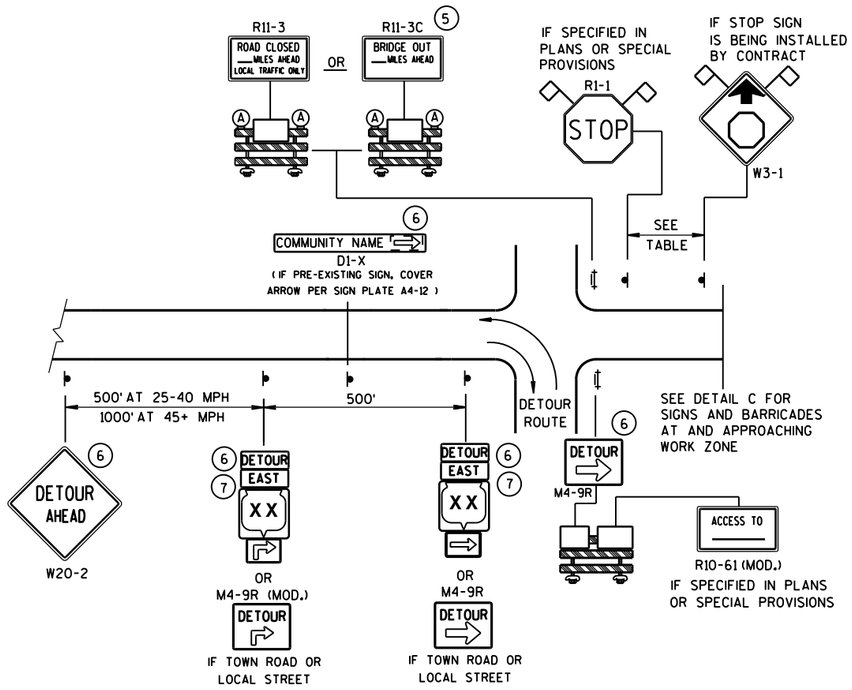
APPROVED
2/5/09 DATE
/S/ Thomas N. Nothdurft STATE TRAFFIC ENGINEER
FHWA

6

S.D.D. 15 A 6-2

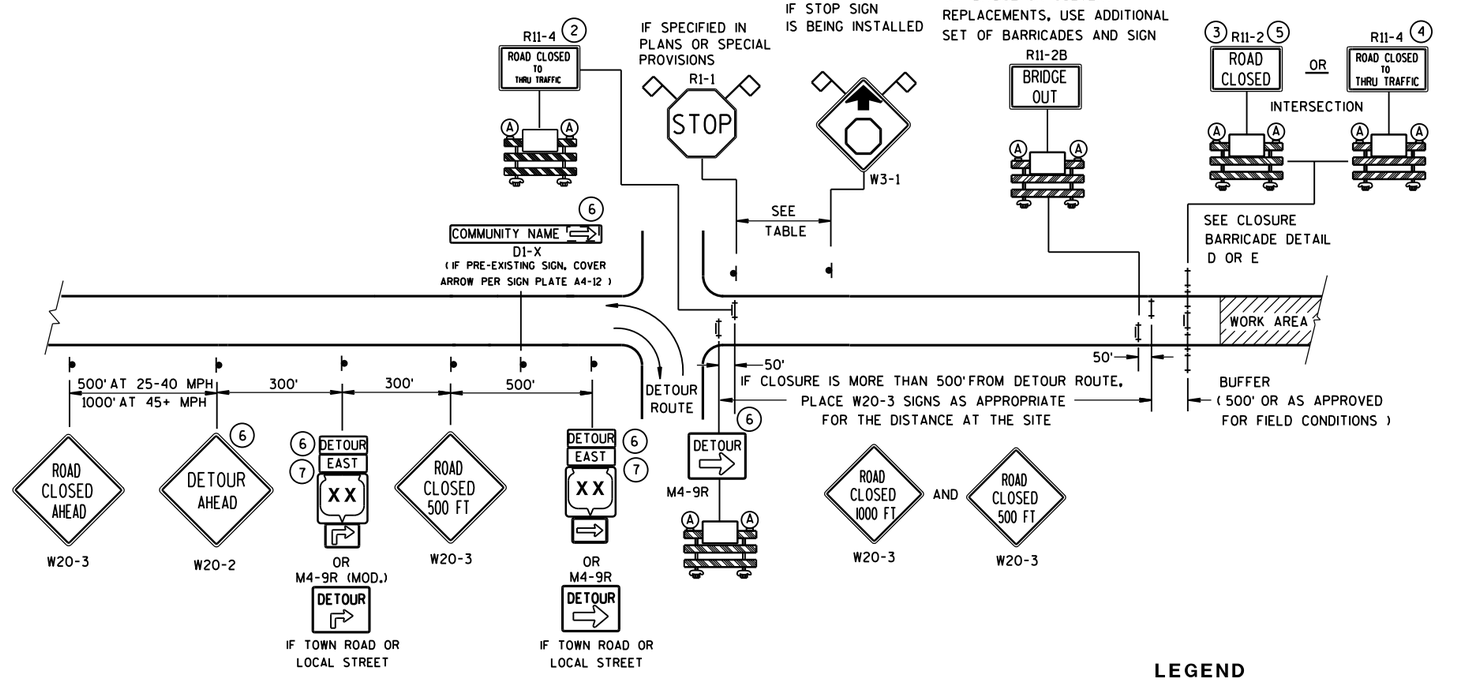
6

S.D.D. 15 A 6-2



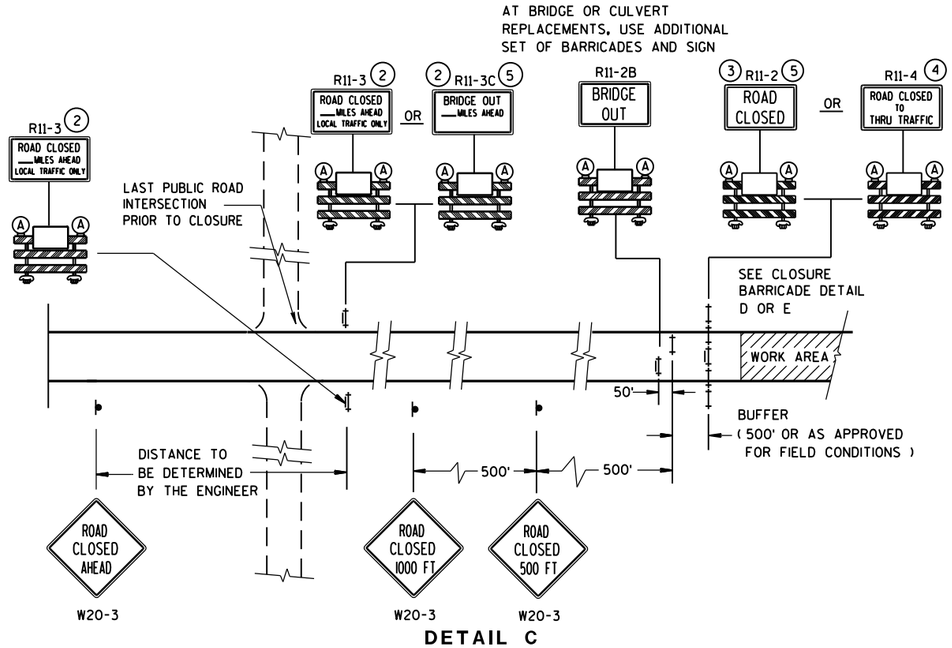
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "**b**" FOR GENERAL NOTES AND FOOTNOTES ① THROUGH ⑦

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- DETOUR / EAST — M4-8 / M3-X
- XX — M1-4; COUNTY XX — M1-5A; XX — M1-6
- M05-1 OR M06-1
- FLAGS, 16" X 16" MIN., (ORANGE)

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

8/2013 DATE

/S/ Travis Feltes
STATE TRAFFIC ENGINEER

247

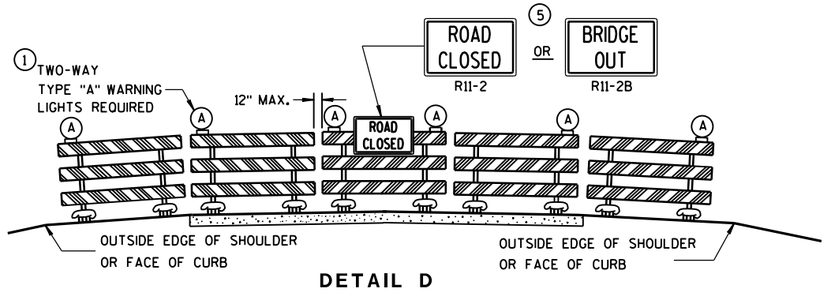
FHWA

6

S.D.D. 15 C 2-5a

6

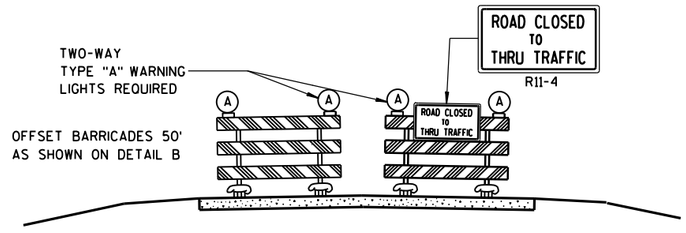
S.D.D. 15 C 2-5a



DETAIL D

ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



DETAIL E

LANE CLOSURE BARRICADE DETAIL

APPROACH VIEW

SEE SDD 15C2-SHEET "**a**" FOR LEGEND

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, M4-9, R11-4 AND R10-61 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

"WO AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11-2 SHALL BE 48" X 30".
- R11-3, R11-4 AND R10-61 SHALL BE 60" X 30".
- M4-9 SHALL BE 30" X 24".
- M3-X SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS.)
- M4-8 SHALL BE 24" X 12". (30" X 15" IF NEEDED TO MATCH EXISTING SIGNS.)
- M1-4, M1-5A, AND M1-6 SHALL BE 24" X 24". (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS.)
- M05-1 AND M06-1 SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS.)
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1-1 SHALL BE 36" X 36".

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8-FOOT LIGHT SPACING).

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL D.

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE LANE CLOSURE BARRICADE DETAIL E.

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11-2 AND R11-3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

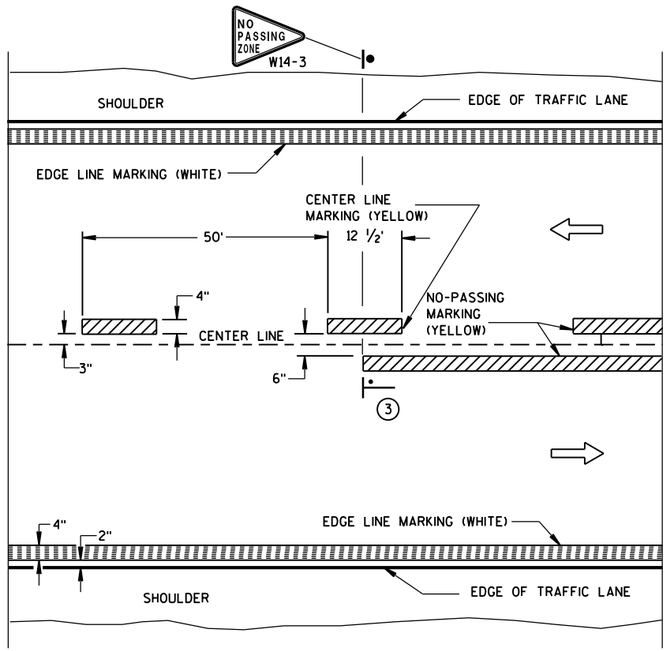
8/2013 — DATE

/S/ Travis Feltes — STATE TRAFFIC ENGINEER

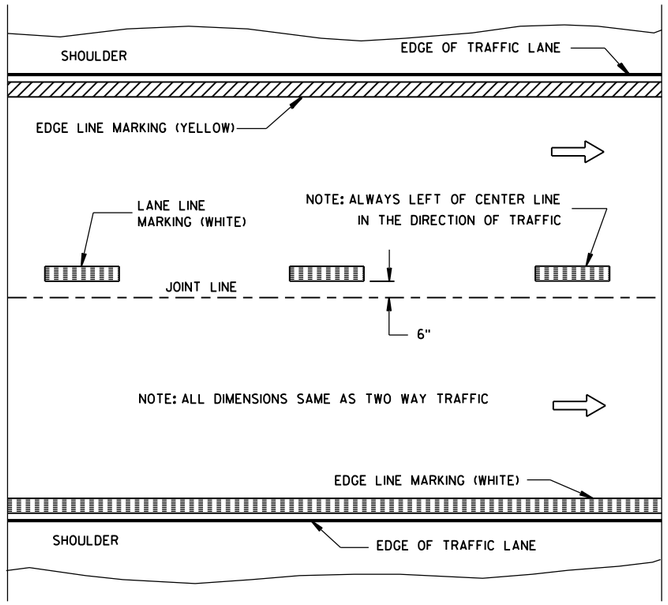
FHWA

6

S.D.D. 15 C 2-5b



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

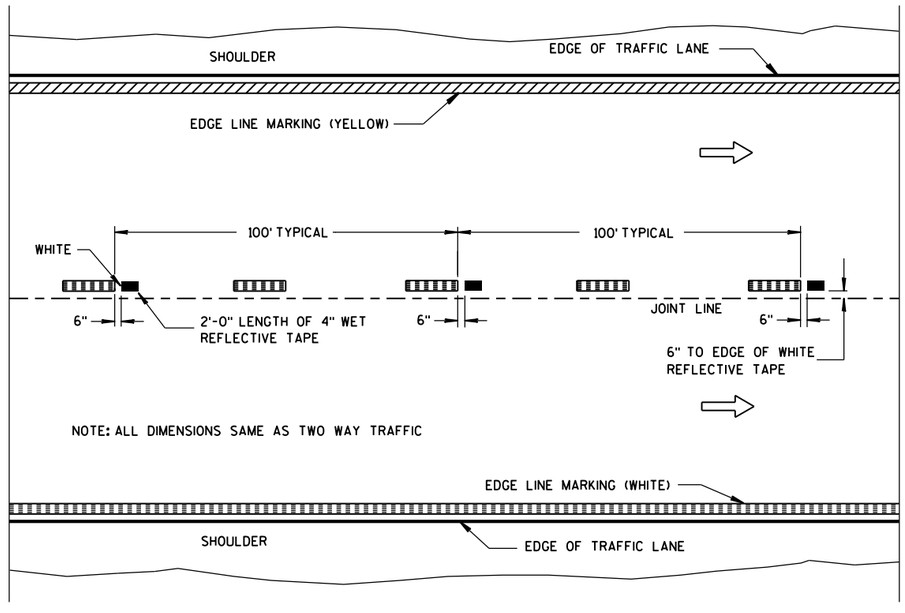
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

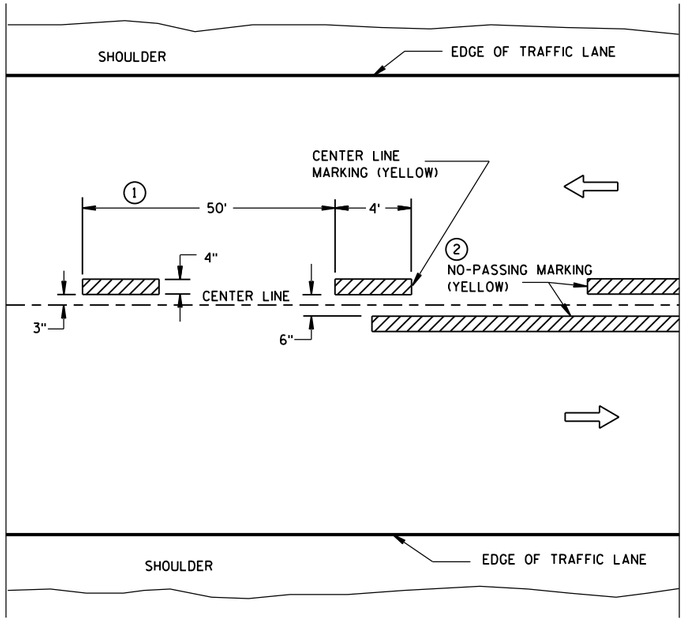
1. HALF CYCLE LENGTHS (25'±) WITH 2' MINIMUM STRIPE LENGTHS SHALL BE PROVIDED ON ROADWAYS (INCLUDING TEMPORARY TRAVELED WAYS) WITH REVERSE CURVATURE, CURVATURE OF OVER 5 DEGREES OR WHEN DIRECTED BY THE ENGINEER TO MARK UNUSUAL ALIGNMENT OF THE TRAVELED WAY.
2. NO PASSING ZONE TEMPORARY PAVEMENT MARKING IS REQUIRED TO BE PLACED, WHERE APPROPRIATE, ALONG WITH CENTERLINE TEMPORARY PAVEMENT MARKING WHEN A SAME DAY PERMANENT PAVEMENT MARKING ITEM IS INCLUDED IN THE CONTRACT.
3. NO PASSING ZONE MARKINGS ARE PLACED ACCORDING TO "T" MARKINGS. IF EXISTING NO PASSING ZONE W14-3 SIGNS ARE BEYOND 50 FEET IN EITHER DIRECTION, THE SIGNS SHALL BE MOVED TO THE "T" MARKINGS.
4. CONCRETE ONLY.

NOTE

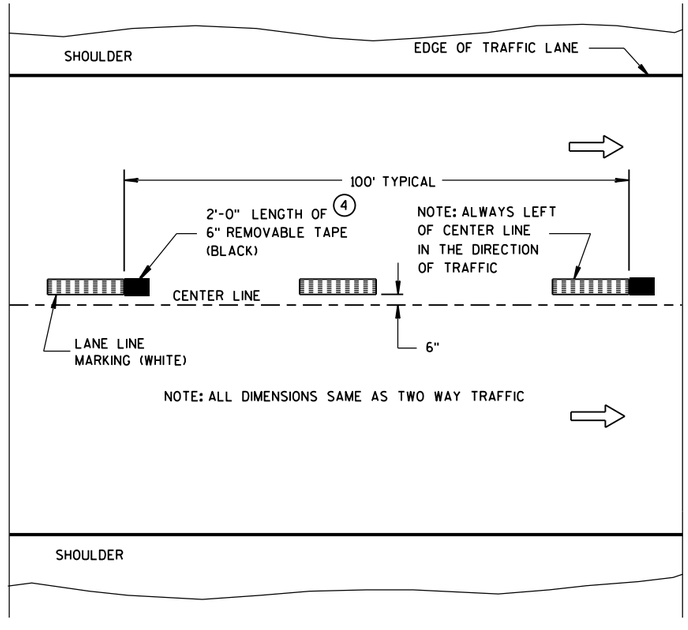
ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL



WET REFLECTIVE TAPE SUPPLEMENT TO
SPRAYED OR NON WET REFLECTIVE TAPE LANE LINE



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY (INTERMEDIATE) PAVEMENT MARKING

(SHOWS CYCLE FOR TEMPORARY CENTER LINE OR TEMPORARY LANE LINE MARKING)

LEGEND

"T" MARKING

POST MOUNTED SIGN

PAVEMENT MARKING (MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

5-13-2013
DATE

/S/ Travis Feltes
STATE TRAFFIC E

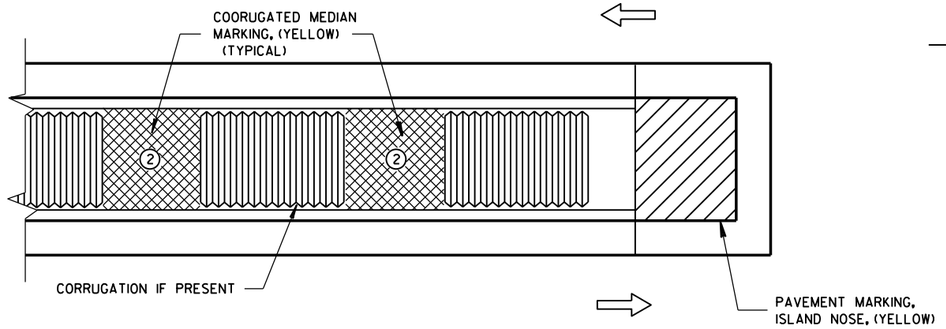
FHWA

6

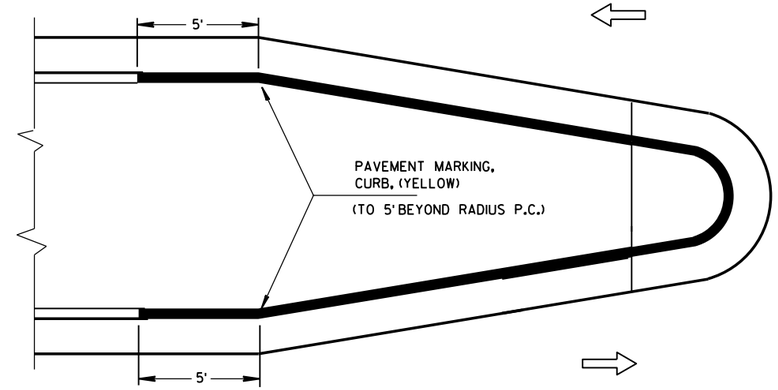
S.D.D. 15 C 8-16a

6

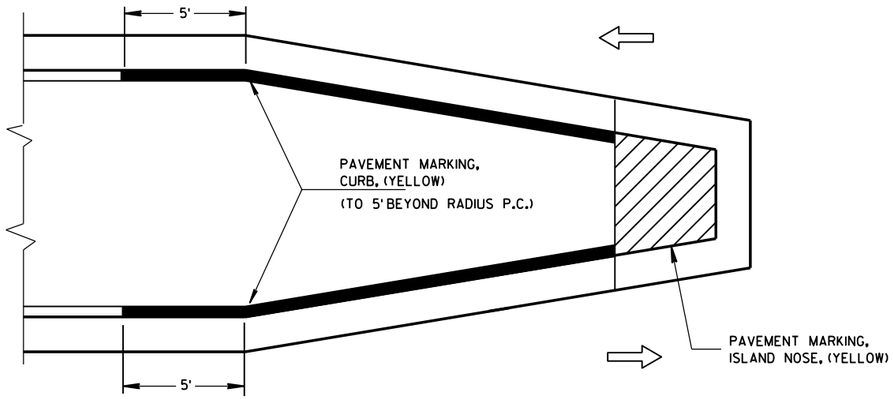
S.D.D. 15 C 8-16a



MEDIAN ISLAND WITH SQUARE BLUNT NOSE

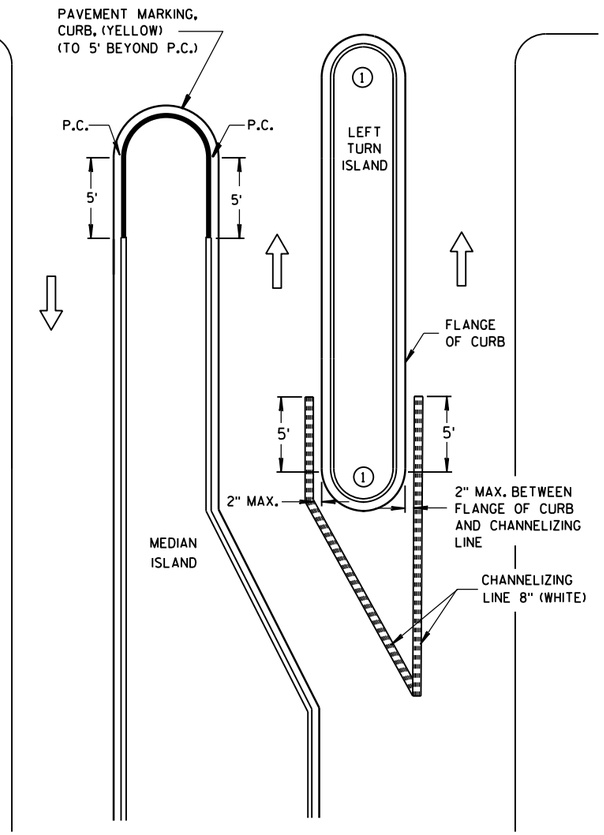


MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS

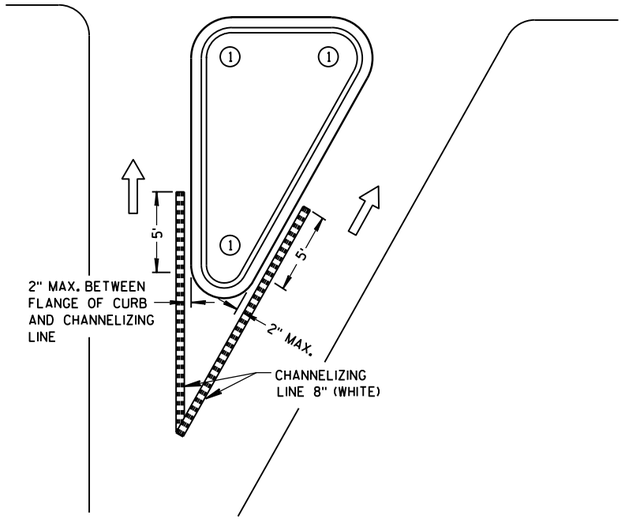


LEFT TURN & MEDIAN ISLAND

GENERAL NOTES

1. DO NOT MARK CURB NOSES THAT SEPARATE LANES OF TRAFFIC TRAVELING IN THE SAME DIRECTION.

2. WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.



RIGHT TURN ISLAND

LEGEND

- ISLAND NOSE MARKING
- CURB MARKING
- CORRUGATED MEDIAN MARKING
- DIRECTION OF TRAVEL

PAVEMENT MARKING
(ISLANDS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 15 C 8-16f

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

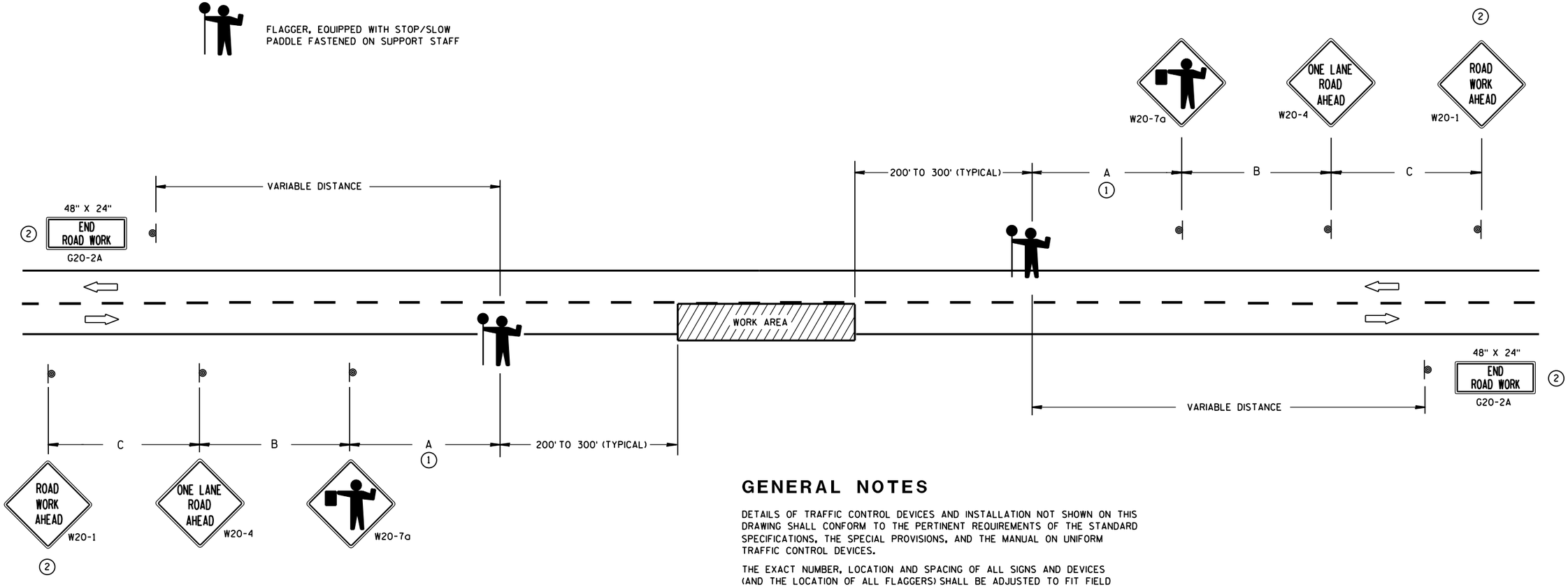
SIGN SPACING TABLE

SPEED LIMIT	SIGN SPACING A,B,C
25-35 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



W3-4

USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7a AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.



(1) FOR A MOVING WORK OPERATION,
SIGNING FOR BOTH DIRECTIONS SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES (AND THE LOCATION OF ALL FLAGGERS) SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, COVER OR REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

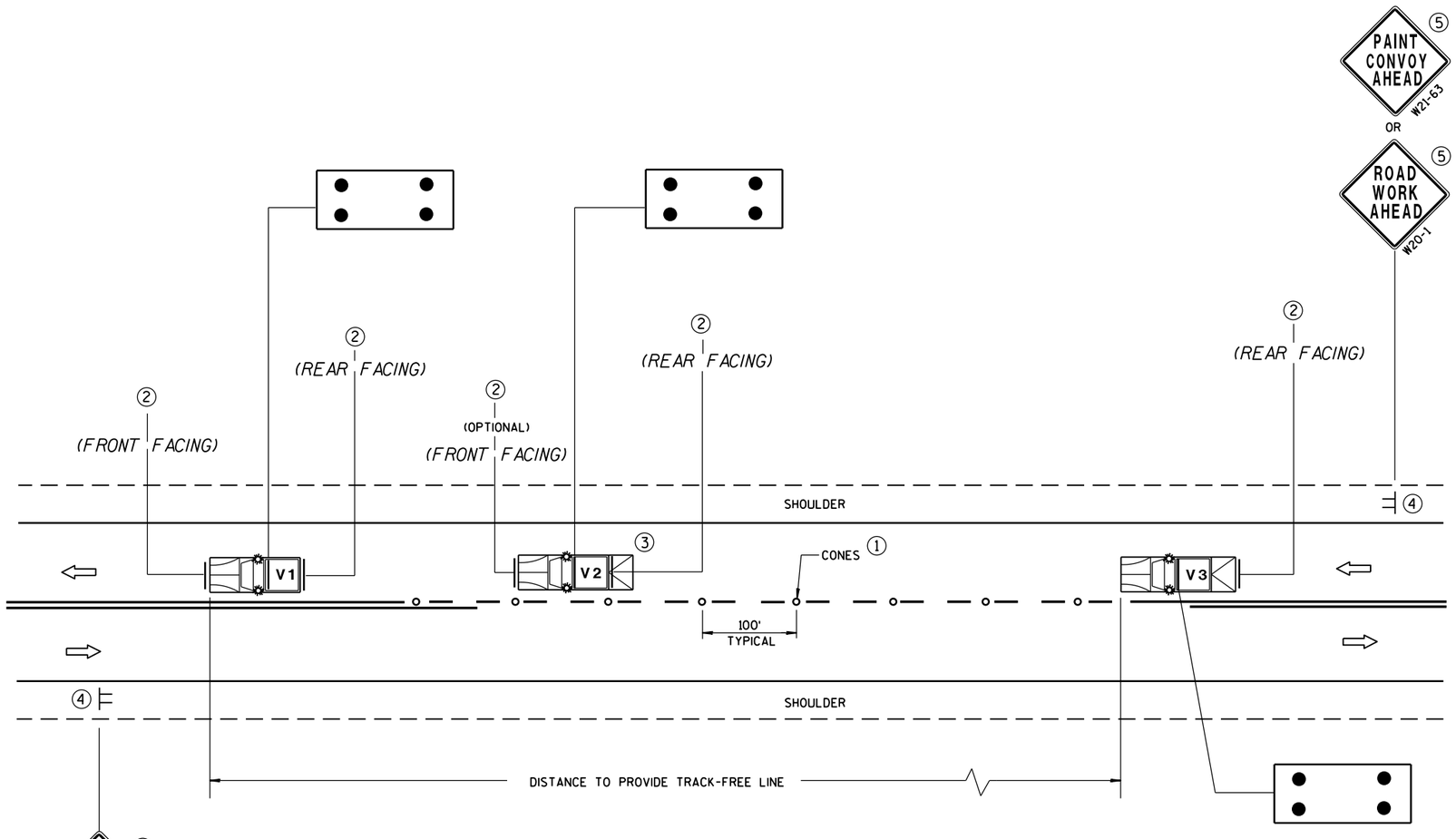
APPROVED
8/2013
DATE
/S/ Travis Feltes
STATE TRAFFIC ENGINEER
FHWA

6

S.D.D. 15 C 12-4

6

S.D.D. 15 C 12-4



MOVING PAVEMENT MARKING OPERATIONS
TWO-LANE TWO-WAY ROADWAY

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGELINE MARKING.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

(1) CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

(2) USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.

WET PAINT W21-64 OR WET PAINT W21-64

(3) OPTIONAL TRUCK-MOUNTED ATTENUATOR.

(4) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

(5) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

LEGEND

- **V1** LEAD VEHICLE
- **V2** SHADOW VEHICLE
- **V3** TRAIL VEHICLE WITH TMA
- **TMA** TRUCK-MOUNTED ATTENUATOR
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- CONES
- FLASHING ARROW PANEL (CAUTION)

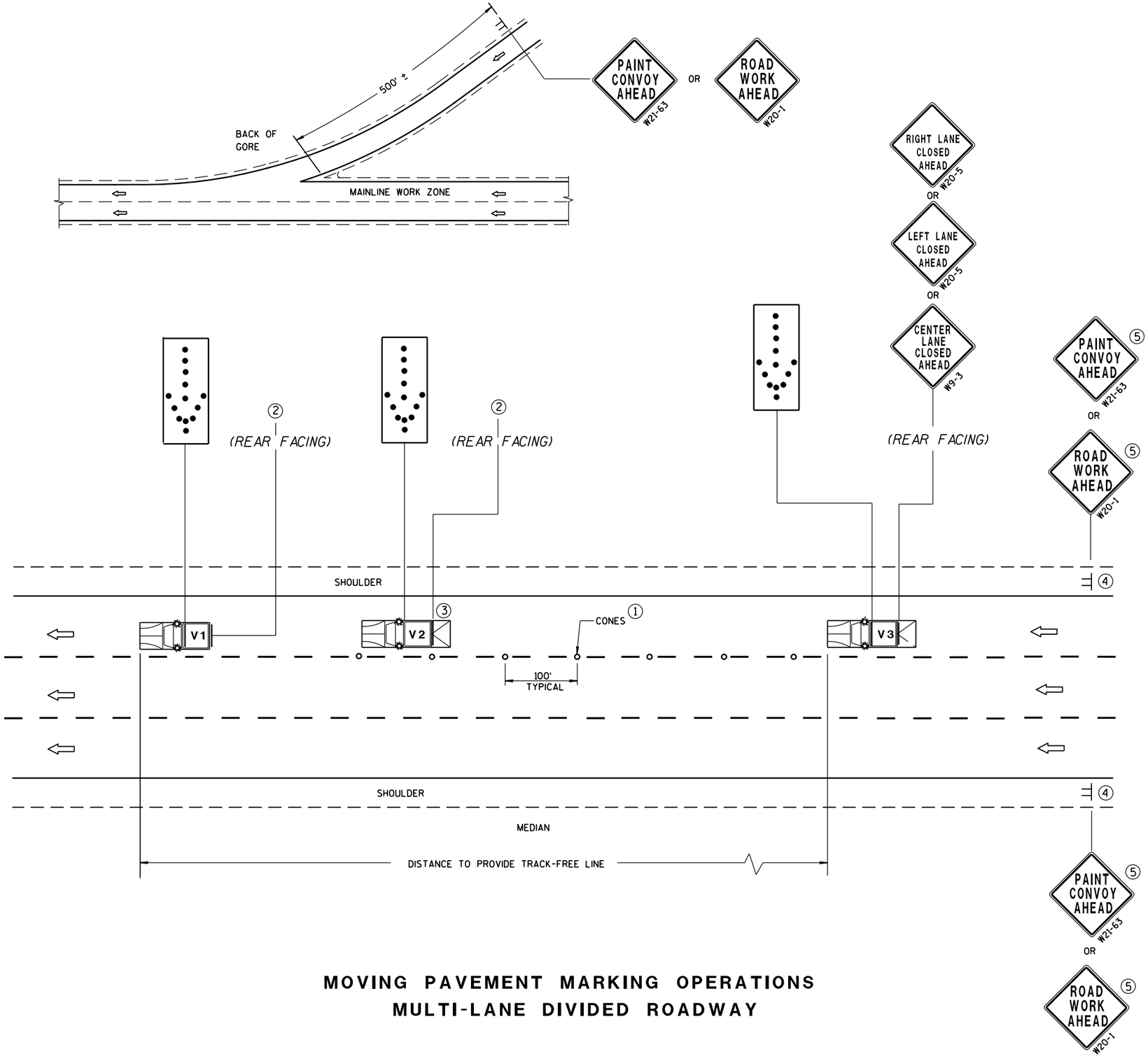
MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 5/3/2013 DATE	/S/ Travis Feltes STATE TRAFFIC E
FHWA	252

6

S.D.D. 15 C 19-2a

6

S.D.D. 15 C 19-2a



MOVING PAVEMENT MARKING OPERATIONS
MULTI-LANE DIVIDED ROADWAY

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.

FOR EDGELINE MARKING OR IF CONES ARE NOT USED, POSITION THE REARMOST SHADOW VEHICLE ON THE SHOULDER AS SHOWN IN THE MUTCD IF THE SHOULDER HAS ADEQUATE WIDTH. USE DOUBLE ARROWS WHEN CONVOY IS IN CENTER LANE ONLY.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

THIS DRAWING SHALL BE USED FOR EDGELINE OR LANELINE MARKING FOR MULTILANE DIVIDED ROADWAYS.

① CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

② USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.

WET PAINT W21-64 OR WET PAINT W21-64

③ OPTIONAL TRUCK-MOUNTED ATTENUATOR.

④ SIGNS SHALL BE REPEATED AFTER EVERY ON RAMP OR EVERY THREE MILES.

⑤ IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

LEGEND

V1	LEAD VEHICLE
V2	SHADOW VEHICLE
V3	TRAIL VEHICLE WITH TMA
TMA	TRUCK-MOUNTED ATTENUATOR
	SIGN ON TEMPORARY SUPPORT
	DIRECTION OF TRAFFIC
	CONES
	FLASHING ARROW PANEL (MERGE)

MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

5/3/2013 DATE

/S/ Travis Feltes
STATE TRAFFIC EN

FHWA

6

S.D.D. 15 C 19-2c

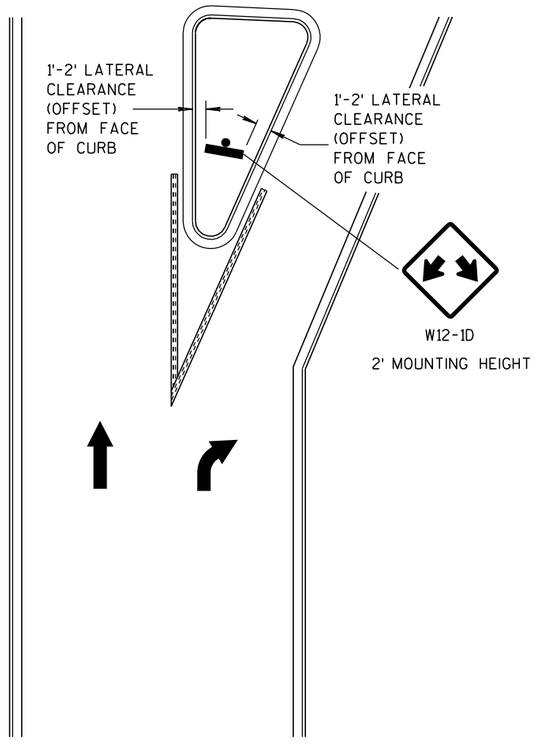
6

S.D.D. 15 C 19-2c

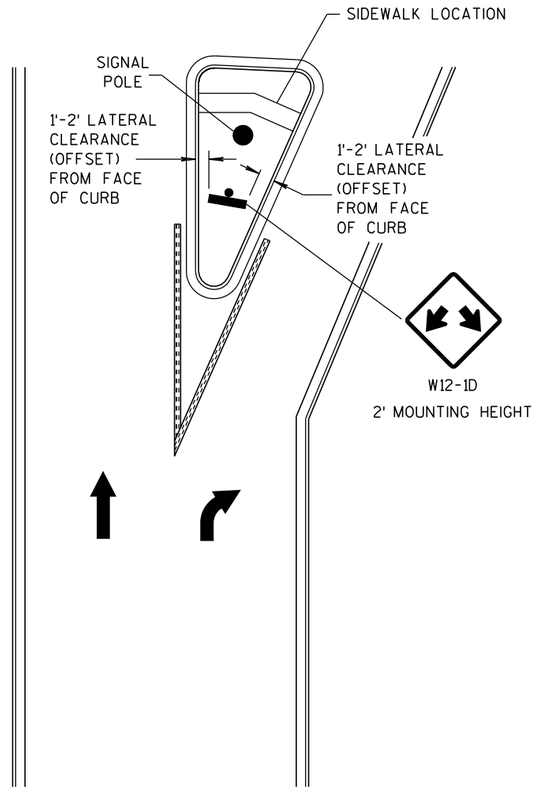
GENERAL NOTE

APPLIES TO ISLANDS AT LEFT TURNS AT ONE WAY ROADWAYS AS WELL.

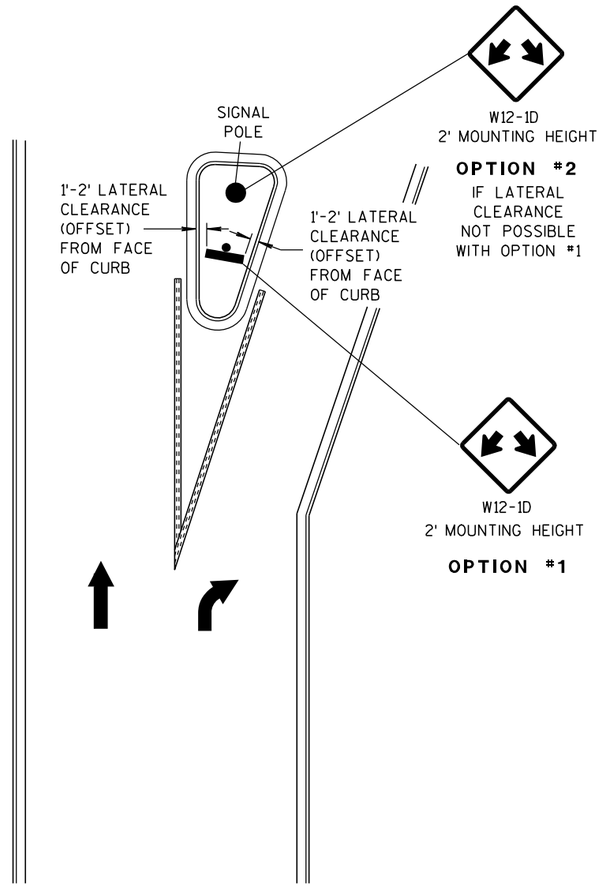
SEE MISCELLANEOUS QUANTITIES FOR SIGN SIZE.



LARGE RIGHT TURN ISLAND



LARGE RIGHT TURN ISLAND
WITH SIGNAL POLE



SMALL RIGHT TURN ISLAND

DOUBLE ARROW WARNING SIGN PLACEMENT

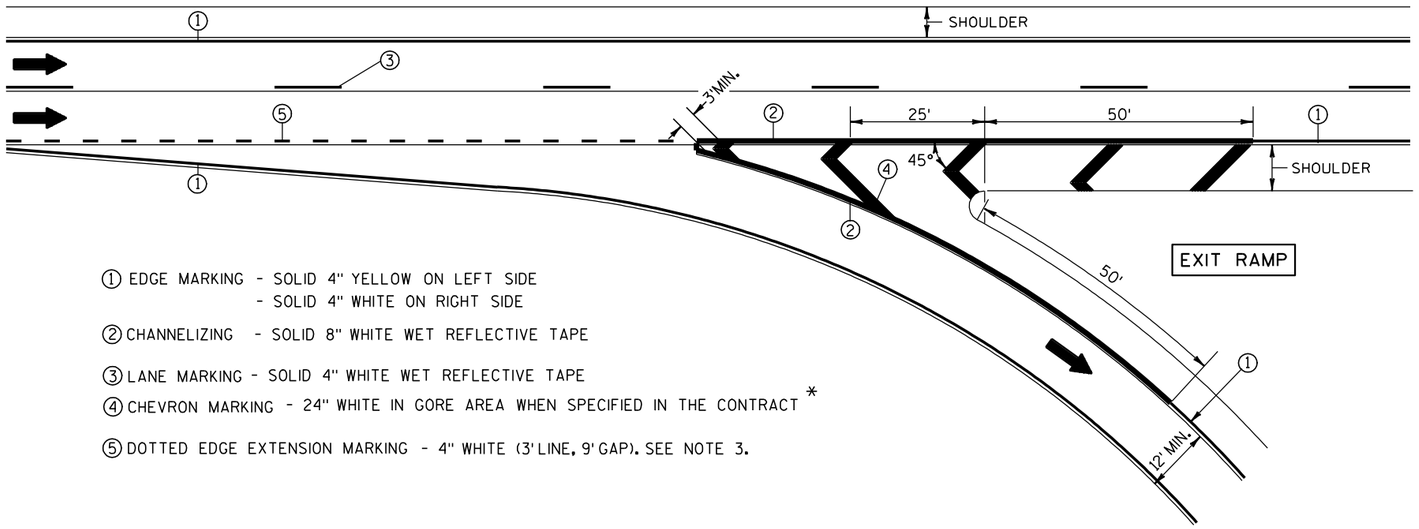
DOUBLE ARROW WARNING SIGN PLACEMENT	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
10-22-08 DATE	/S/ Thomas N. Nothdurft STATE TRAFFIC ENGINEER
FHWA	254 IGN

6

S.D.D. 15 C 27-1

6

S.D.D. 15 C 27-1



① EDGE MARKING - SOLID 4" YELLOW ON LEFT SIDE
- SOLID 4" WHITE ON RIGHT SIDE

② CHANNELIZING - SOLID 8" WHITE WET REFLECTIVE TAPE

③ LANE MARKING - SOLID 4" WHITE WET REFLECTIVE TAPE

④ CHEVRON MARKING - 24" WHITE IN GORE AREA WHEN SPECIFIED IN THE CONTRACT *

⑤ DOTTED EDGE EXTENSION MARKING - 4" WHITE (3' LINE, 9' GAP). SEE NOTE 3.

NOTES:

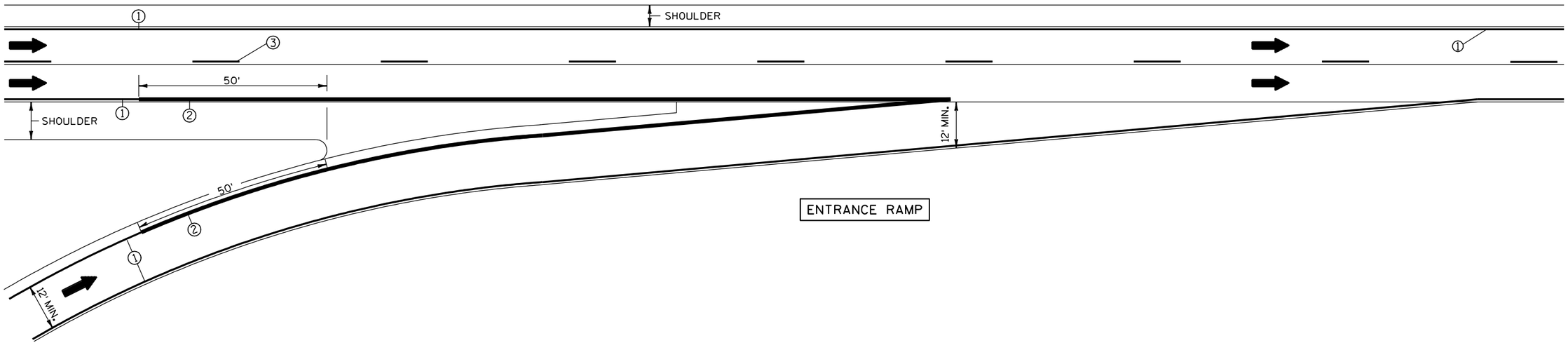
1. ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.

2. PLACE WHITE EDGE OF TAPE 6" LEFT FROM JOINT.

3. 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE-GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.

4. RETRACE EXISTING DIAGONAL MARKINGS.

* REFER TO DESIGN NOTES.



6

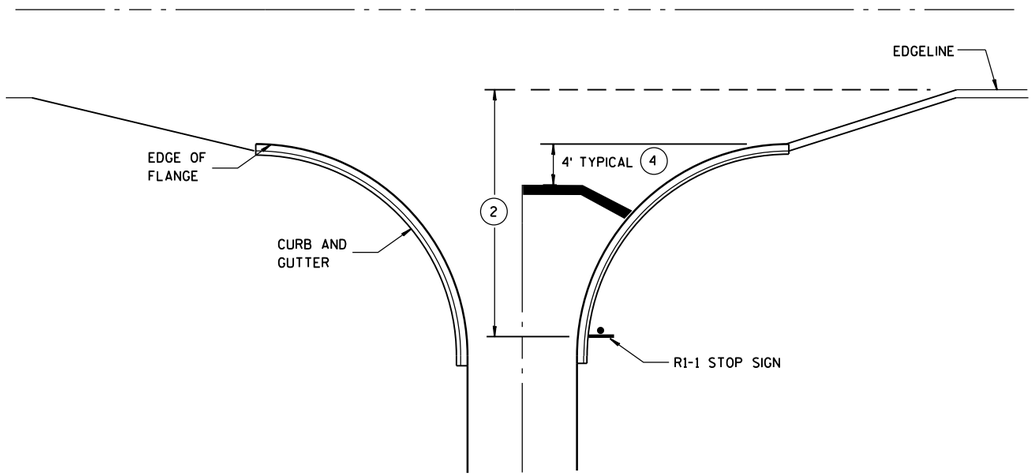
S.D.D. 15 C 31-1a

PAVEMENT MARKING
(RAMPS AND GORES)

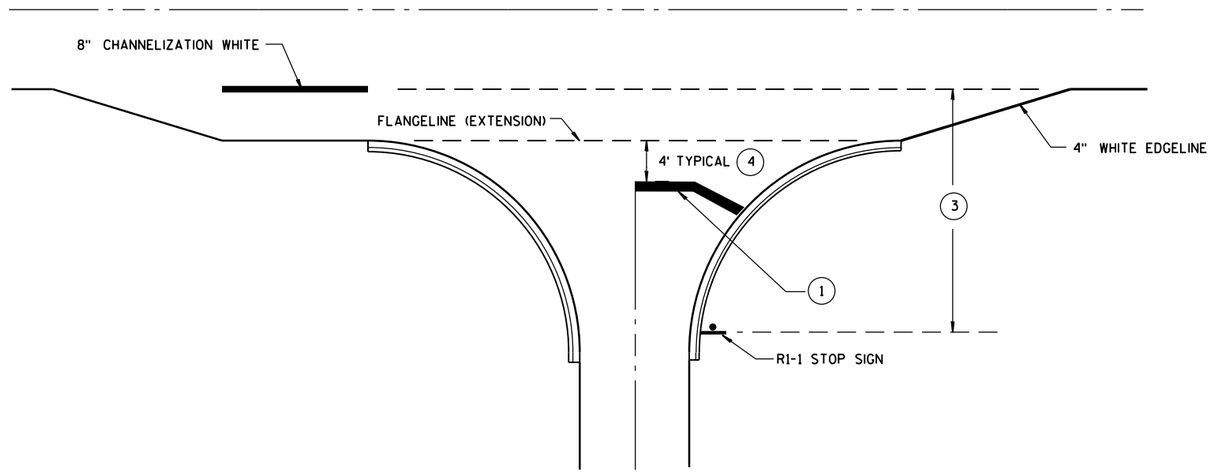
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

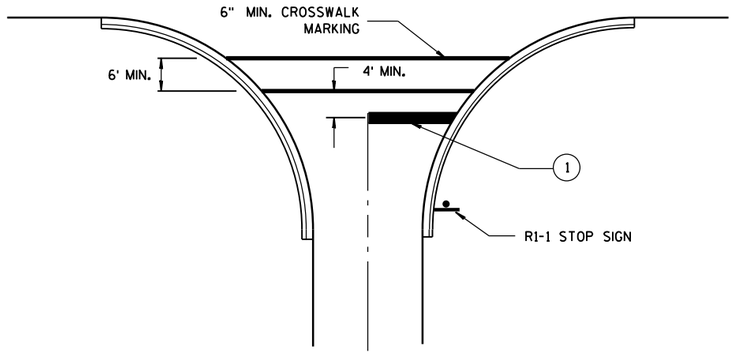
S.D.D. 15 C 31-1a



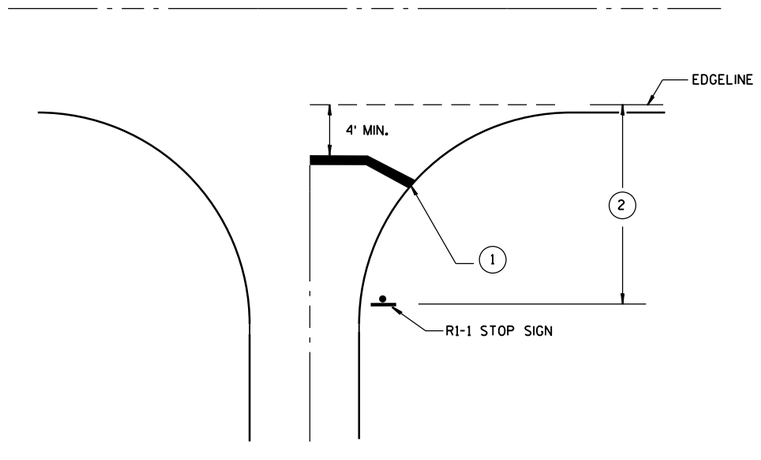
TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

GENERAL NOTES

1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE THAN NO STOP LINE IS REQUIRED.
3. IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION THAN NO STOP LINE IS REQUIRED.
4. MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES.

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

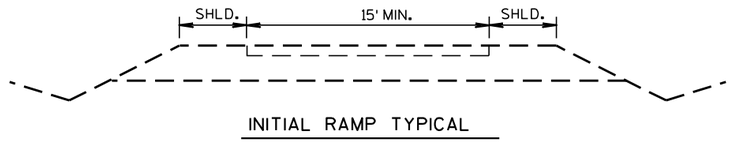
4/30/2013
DATE

/S/ Travis Feltes
STATE TRAFFIC E

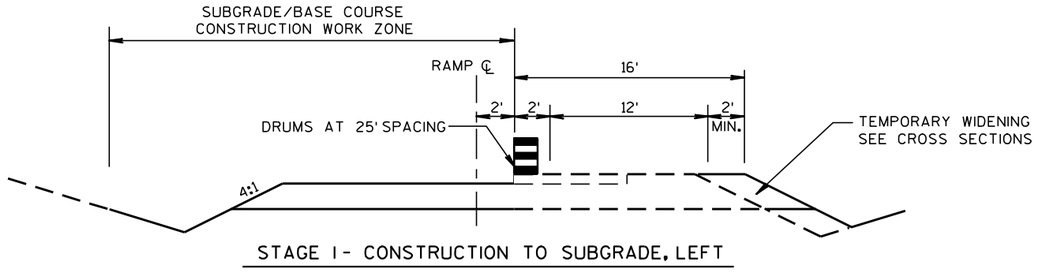
FHWA

6

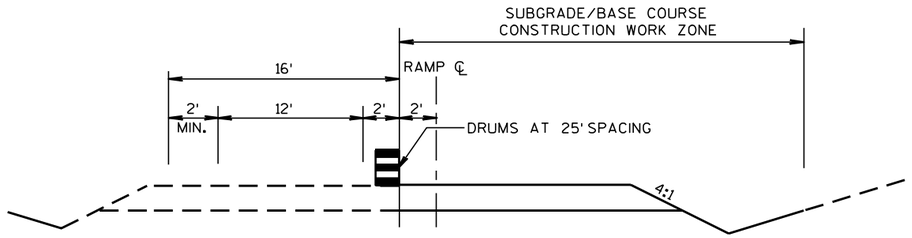
S.D.D. 15 C 33-1



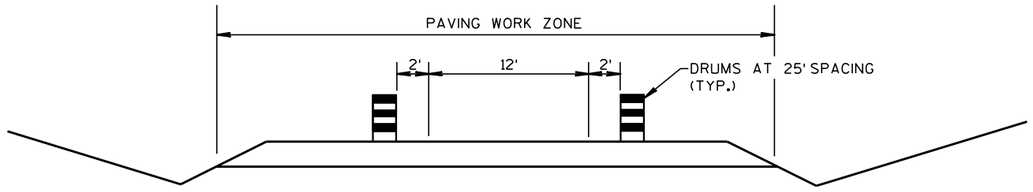
INITIAL RAMP TYPICAL



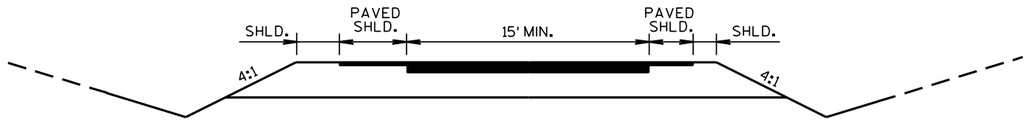
STAGE I - CONSTRUCTION TO SUBGRADE, LEFT



STAGE II - CONSTRUCTION TO SUBGRADE, RIGHT



STAGE III - TRAFFIC ON BASE COURSE



STAGE IV - PAVING

GENERAL NOTES :

WORK SHALL BE SCHEDULED FOR ALL STAGES TO MINIMIZE INCONVENIENCE TO THE TRAFFIC USING THE RAMP WHILE IT IS ONLY BASE COURSE.

IN STAGE III, A MINIMUM 12' LANE WIDTH SHALL BE DELINEATED WITH DRUMS ALONG BOTH EDGES AT ALL TIMES UNTIL PAVED AND PAVEMENT MARKINGS ARE PLACED.

TRAFFIC CONTROL, RAMP CONSTRUCTION STAGING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

7-14-94
DATE

/S/ Chester J. [illegible]
DIRECTOR, OFFICE [illegible] 257 [illegible]IC

FHWA

6

S.D.D. 15 D 4-1

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMENENT SUPPORT
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKING
- DIRECTION OF TRAFFIC
- WORK AREA

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIREABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

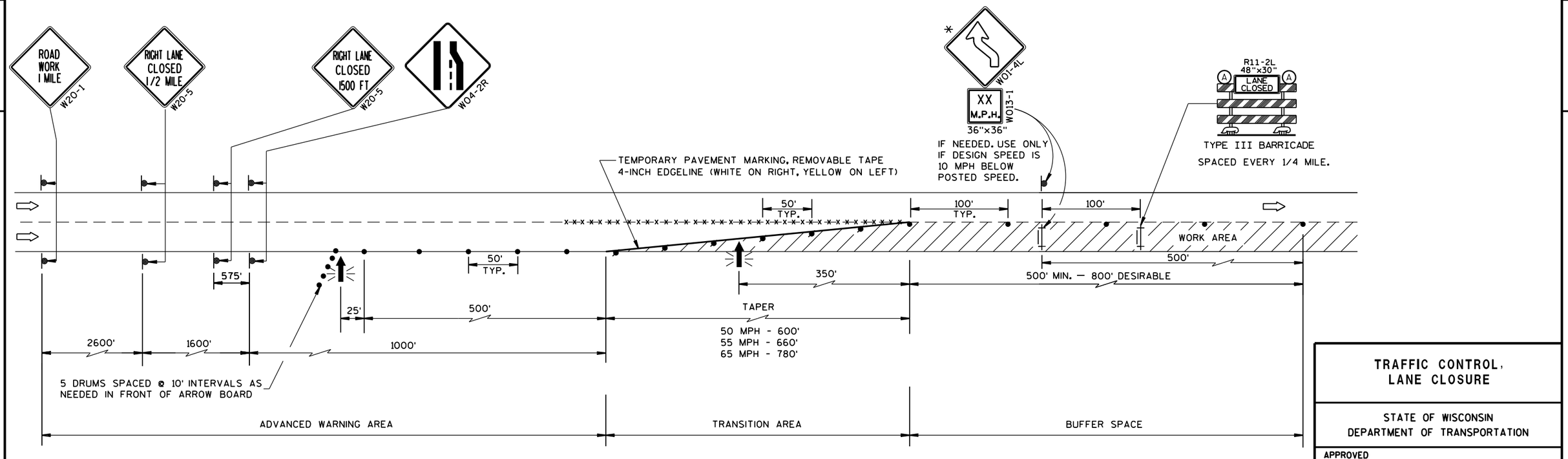
REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN 4 OR MORE DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE CLOSURE MUST MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

* THE LEFT REVERSE CURVE SIGN (WO1-4L) IS ONLY REQUIRED WHEN THIS DETAIL IS USED IN COMBINATION WITH "SINGLE LANE CROSSOVER" DETAIL.



TRAFFIC CONTROL, LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Feb. 2015 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA

6

S.D.D. 15 D 12-5a

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMENENT SUPPORT
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKING
- DIRECTION OF TRAFFIC
- WORK AREA

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIREABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48"×48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN 4 OR MORE DAYS AND NIGHTS.

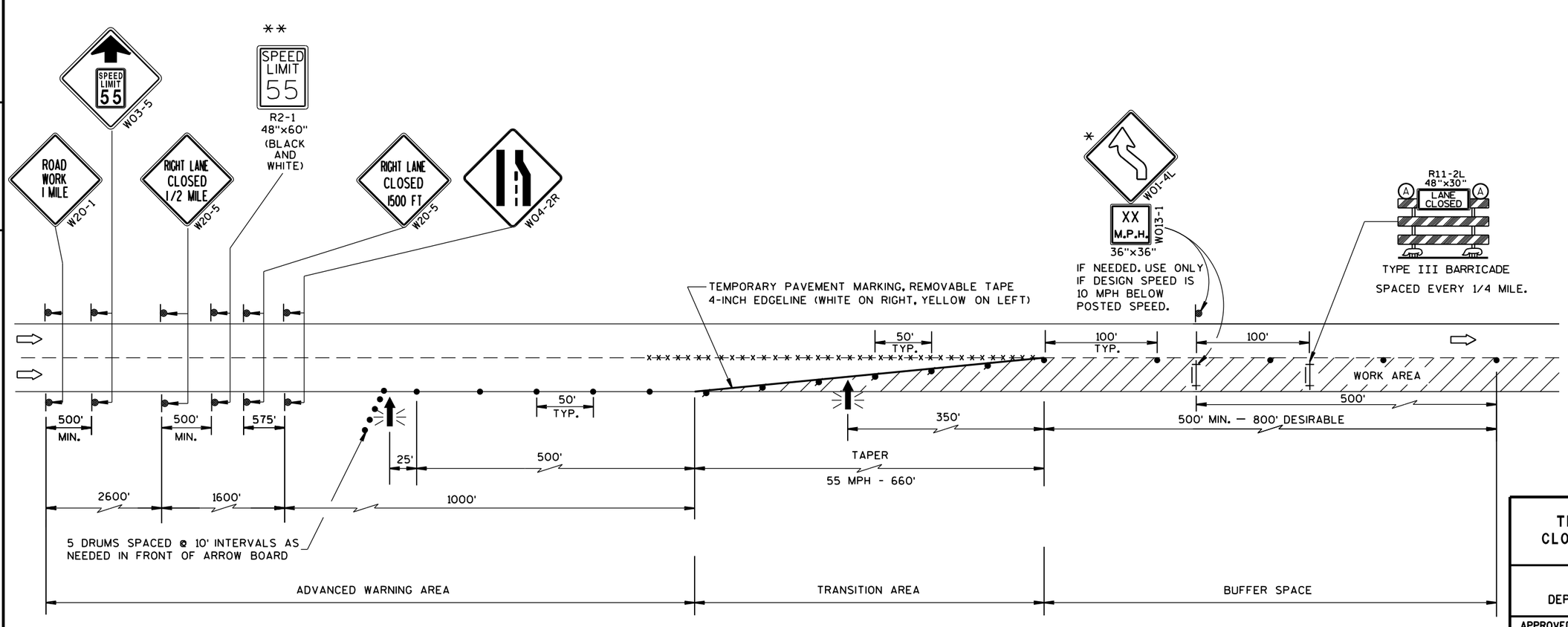
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE CLOSURE MUST MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

* THE LEFT REVERSE CURVE SIGN (WO1-4L) IS ONLY REQUIRED WHEN THIS DETAIL IS USED IN COMBINATION WITH "SINGLE LANE CROSSOVER" DETAIL.

** A SPEED LIMIT SIGN SHALL BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP. THERE SHOULD BE A SPEED LIMIT SIGN INCORPORATED A MINIMUM OF EVERY 2 OR 3 MILES. INCLUDE A 65 MPH RESUME SPEED LIMIT SIGN 200 FEET MINIMUM (500 FEET DESIREABLE) BEYOND THE "END OF ROADWORK" SIGN.



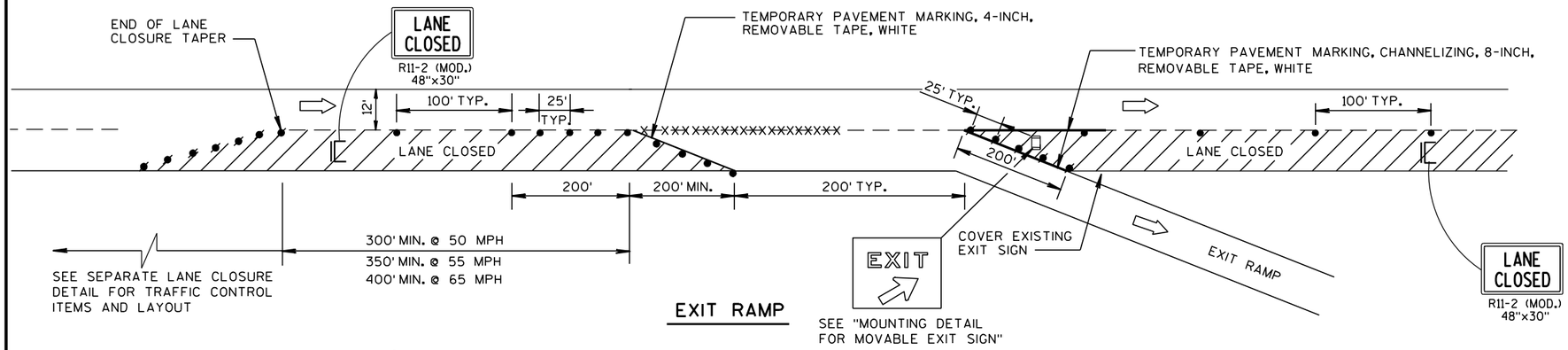
TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

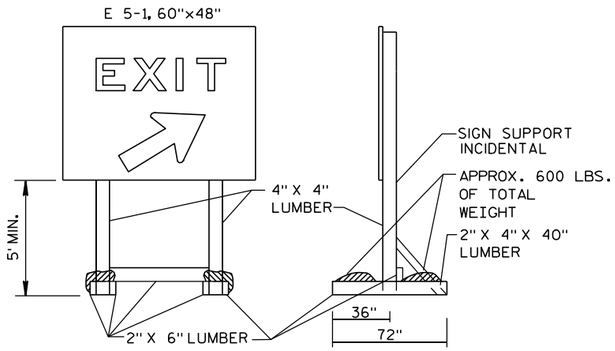
APPROVED
Feb. 2015 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA

S.D.D. 15 D 12-5b

S.D.D. 15 D 12-5b

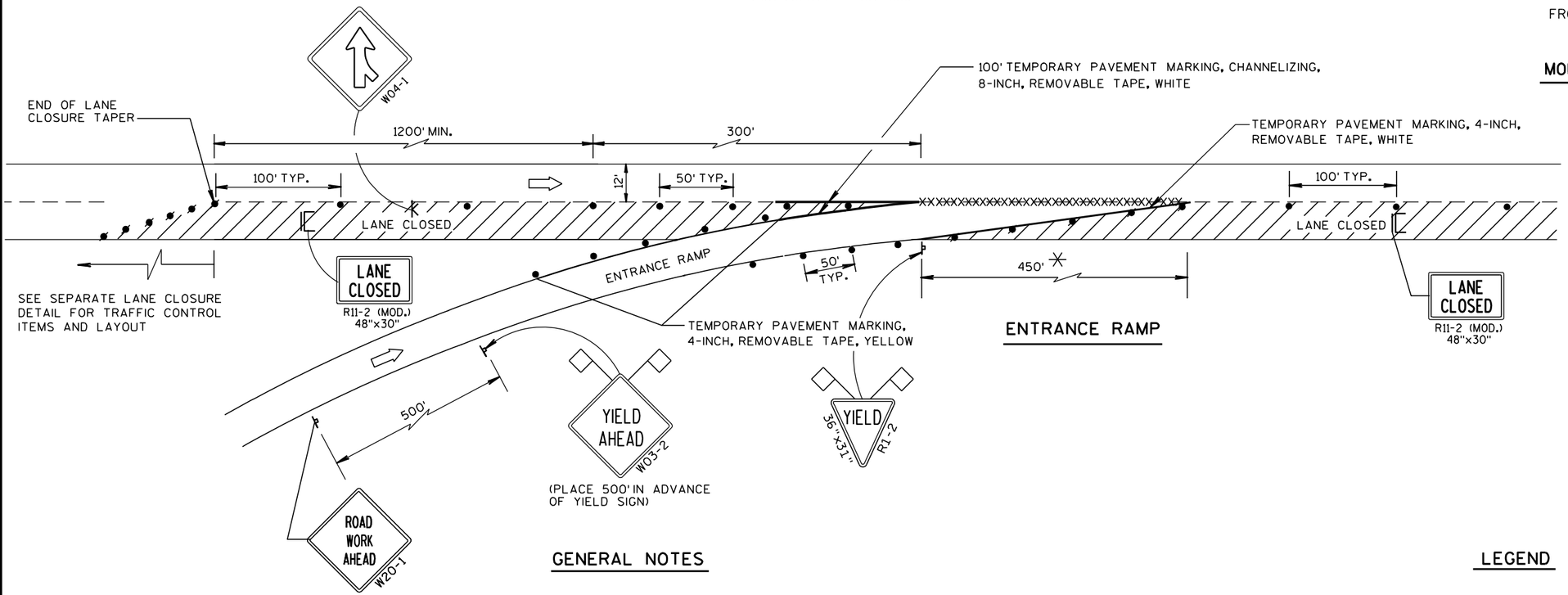


EXIT RAMP



NOTE: ALL LUMBER DIMENSIONS ARE NOMINAL

MOUNTING DETAIL FOR MOVABLE EXIT SIGN



ENTRANCE RAMP

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2 (MOD.) "LANE CLOSED" SIGNS.

YIELD SIGN AND WARNING SIGNS ON ENTRANCE RAMP ARE ALSO APPROPRIATE FOR CLOSURE OF THE MAINLINE LEFT LANE. OMIT THE YIELD SIGN IF MORE THAN ONE LANE REMAINS OPEN ON THE MAINLINE AND THE RAMP TAPER IS AT LEAST AS LONG AS THE NORMAL ENTRANCE RAMP TAPER AT THE SITE.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE IF LANE CLOSURE IS TO BE IN PLACE FOR 7 OR MORE CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

✳ LENGTH OF OPENING MAY BE REDUCED TO 150 FEET DURING STAGING OF WORK IN IMMEDIATE AREA OF RAMP TAPER.

LEGEND

- POST MOUNTED SIGN
- SIGN ON PORTABLE SUPPORT
- TRAFFIC CONTROL, DRUM
- TRAFFIC CONTROL, DRUM WITH WARNING LIGHT, TYPE C (STEADY-BURN)
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- TYPE III BARRICADE (8' EQUIVALENT) WITH SIGN
- FLAGS, 16"x16" MIN., ORANGE
- DIRECTION OF TRAFFIC FLOW

TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
5/24/2000
DATE
/S/ Chester J. [illegible]
CHIEF SIGNS AND MARKINGS ENGINEER
FHWA

6
S.D.D. 15 D 15-1

LEGEND

TYPE III BARRICADE

TYPE III BARRICADE WITH ATTACHED SIGN

TRAFFIC CONTROL DRUM

SIGN ON PERMANENT SUPPORT

TYPE "A" WARNING LIGHT (FLASHING)

DIRECTION OF TRAFFIC

GENERAL NOTES

THIS RAMP CLOSURE DETAIL IS TYPICAL FOR CLOSING A RIGHT SIDE EXIT RAMP. FOR A LEFT SIDE EXIT RAMP, REVERSE THE TRAFFIC CONTROL.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

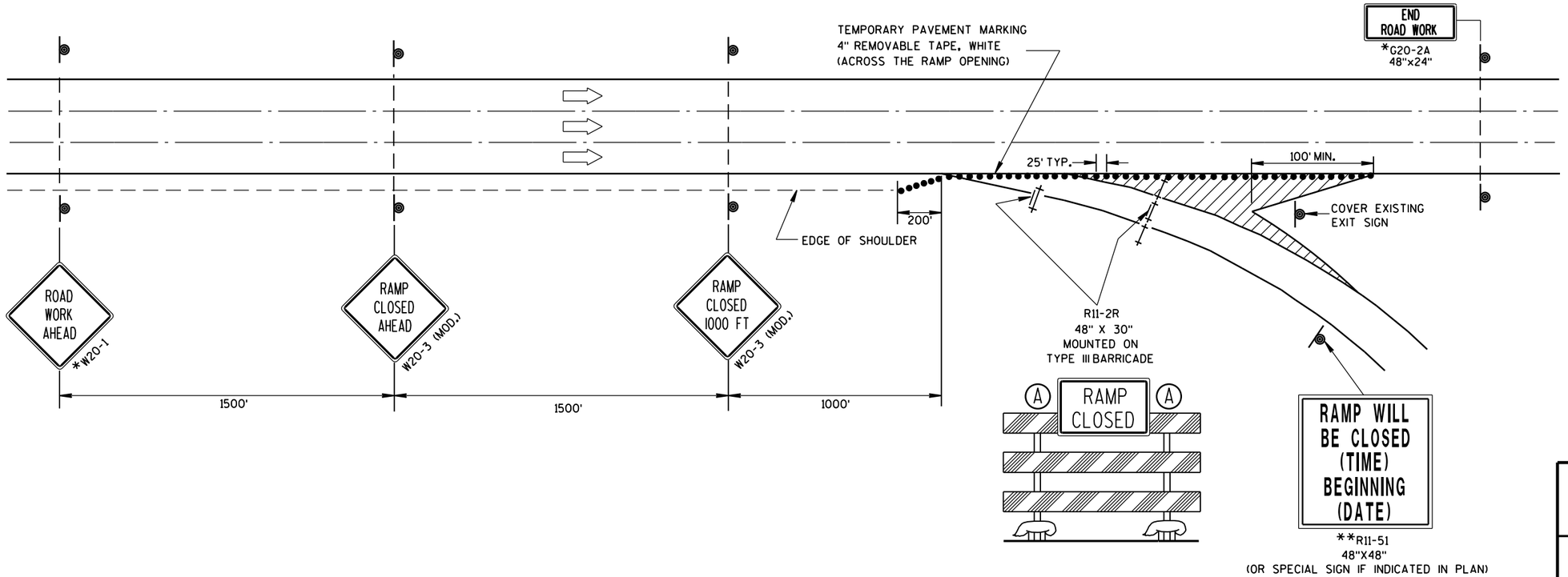
PLACE TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE IF RAMP CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WORK AREAS WITH A DROPOFF ALONG THE EDGE OF AN OPEN TRAVEL LANE SHALL BE LEVELED WITH TEMPORARY FILL WHEN THE CONTRACTOR IS NOT WORKING ADJACENT TO THE TRAVEL LANE. DRUMS SHALL BE PLACED ENTIRELY OUTSIDE THE TRAVEL LANE, ALLOWING THE FULL UNOBSTRUCTED LANE WIDTH, WHEN THE WORK IS NOT IN PROGRESS.

WHERE MEDIAN BARRIER IS IN PLACE, SIGNS SHOWN ON LEFT SIDE OF ROADWAY MAY BE OMITTED FOR RIGHT SIDE RAMP CLOSURES OF LESS THAN 12-HOUR DURATION.

*W20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE RAMP CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

** PLACE "RAMP WILL BE CLOSED" SIGN 10 CALENDAR DAYS PRIOR TO CLOSURE OR AS DIRECTED BY THE ENGINEER. SEE WISCONSIN STANDARD SIGN PLATES FOR SIGN LAYOUT.



TRAFFIC CONTROL,
EXIT RAMP CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8/2013
DATE

/S/ Travis Feltes
STATE TRAFFIC ENGINEER

DESIGN

FHWA

6

S.D.D. 15 D 16-2

LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- FLASHING ARROW BOARD
- WORK AREA

GENERAL NOTES

THIS DETAIL IS TYPICAL FOR CLOSING THE RIGHT SHOULDER. FOR CLOSING THE LEFT SHOULDER, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR DIVIDED ROADWAYS WITH ANY NUMBER OF TRAVEL LANES.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

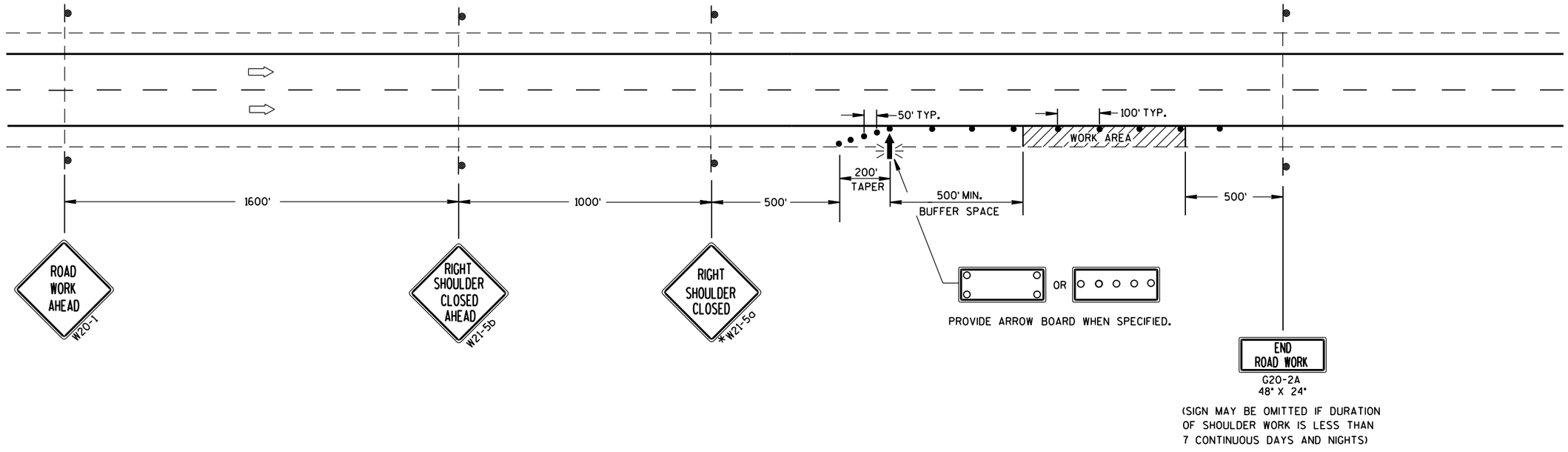
SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO THE WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

*FOR SHORT DURATION SHOULDER WORK OF LESS THAN ONE HOUR, THE W21-5a SIGN MAY BE OMITTED.



TRAFFIC CONTROL SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8/2013 — DATE

/S/ Travis Feltes — STATE TRAFFIC ENGINEER

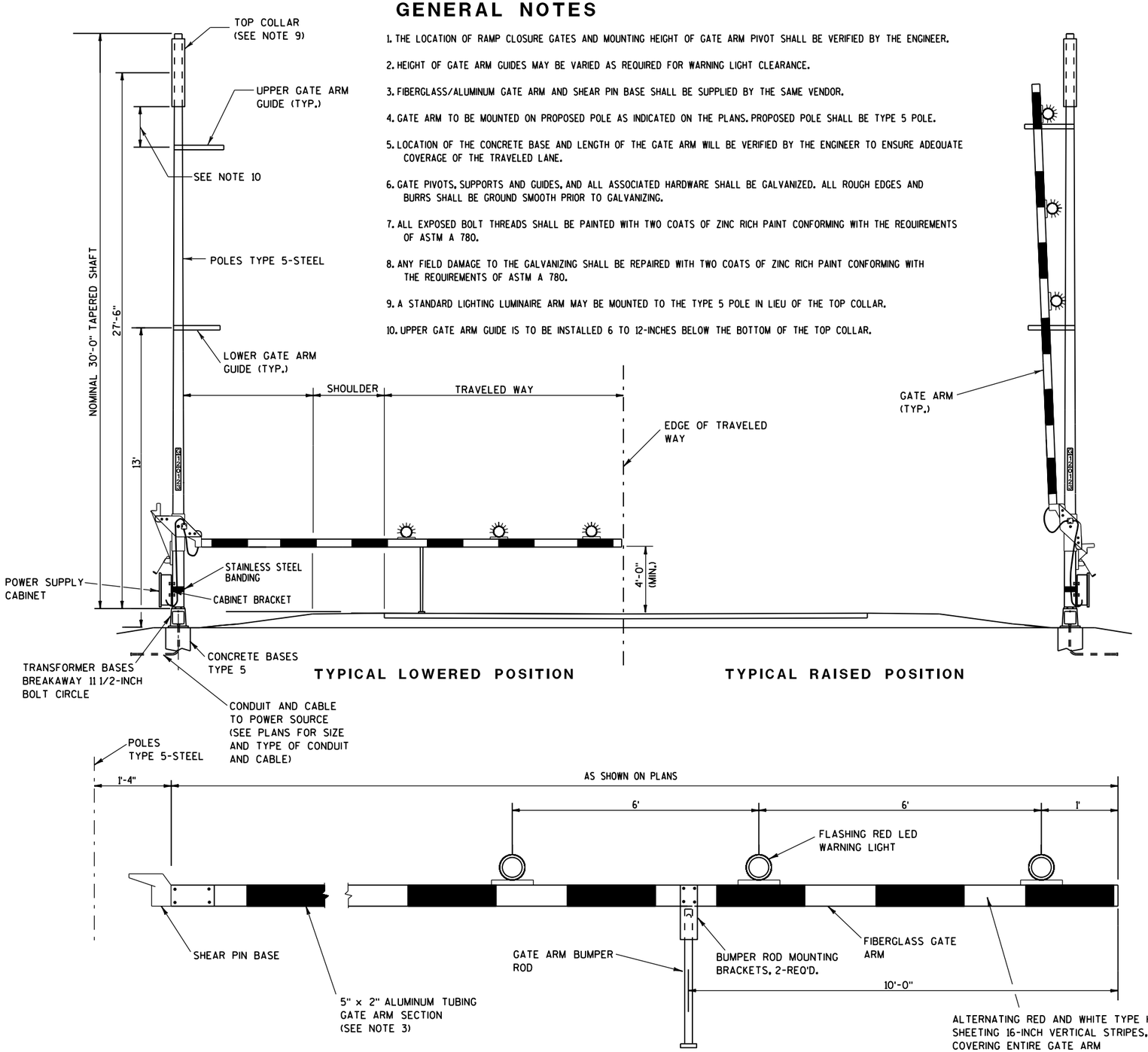
FHWA

6

S.D.D. 15 D 27-2

GENERAL NOTES

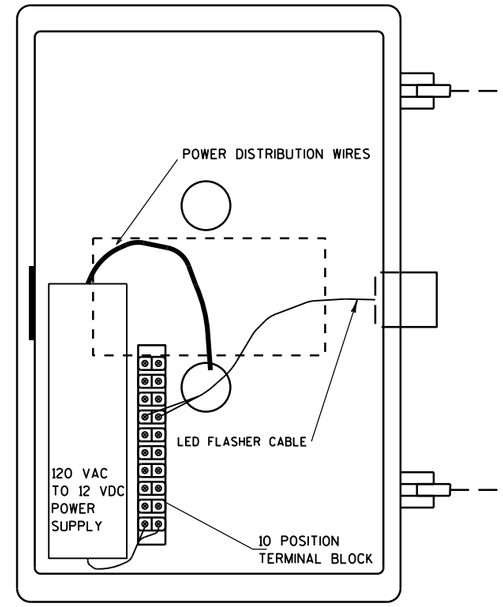
1. THE LOCATION OF RAMP CLOSURE GATES AND MOUNTING HEIGHT OF GATE ARM PIVOT SHALL BE VERIFIED BY THE ENGINEER.
2. HEIGHT OF GATE ARM GUIDES MAY BE VARIED AS REQUIRED FOR WARNING LIGHT CLEARANCE.
3. FIBERGLASS/ALUMINUM GATE ARM AND SHEAR PIN BASE SHALL BE SUPPLIED BY THE SAME VENDOR.
4. GATE ARM TO BE MOUNTED ON PROPOSED POLE AS INDICATED ON THE PLANS. PROPOSED POLE SHALL BE TYPE 5 POLE.
5. LOCATION OF THE CONCRETE BASE AND LENGTH OF THE GATE ARM WILL BE VERIFIED BY THE ENGINEER TO ENSURE ADEQUATE COVERAGE OF THE TRAVELED LANE.
6. GATE PIVOTS, SUPPORTS AND GUIDES, AND ALL ASSOCIATED HARDWARE SHALL BE GALVANIZED. ALL ROUGH EDGES AND BURRS SHALL BE GROUND SMOOTH PRIOR TO GALVANIZING.
7. ALL EXPOSED BOLT THREADS SHALL BE PAINTED WITH TWO COATS OF ZINC RICH PAINT CONFORMING WITH THE REQUIREMENTS OF ASTM A 780.
8. ANY FIELD DAMAGE TO THE GALVANIZING SHALL BE REPAIRED WITH TWO COATS OF ZINC RICH PAINT CONFORMING WITH THE REQUIREMENTS OF ASTM A 780.
9. A STANDARD LIGHTING LUMINAIRE ARM MAY BE MOUNTED TO THE TYPE 5 POLE IN LIEU OF THE TOP COLLAR.
10. UPPER GATE ARM GUIDE IS TO BE INSTALLED 6 TO 12-INCHES BELOW THE BOTTOM OF THE TOP COLLAR.



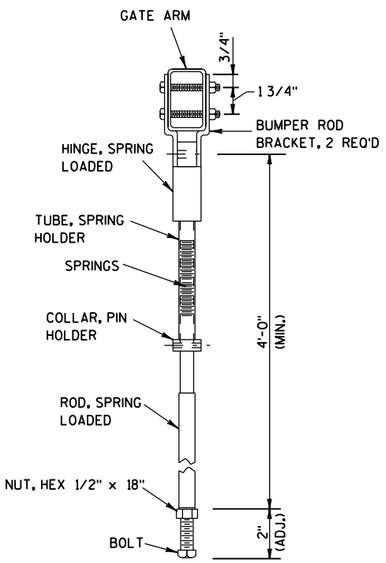
TYPICAL LOWERED POSITION

TYPICAL RAISED POSITION

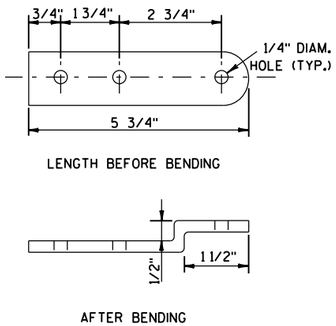
GATE DETAIL
(HARDWIRE POWER OPTION)



POWER SUPPLY CABINET



GATE ARM BUMPER ROD DETAIL

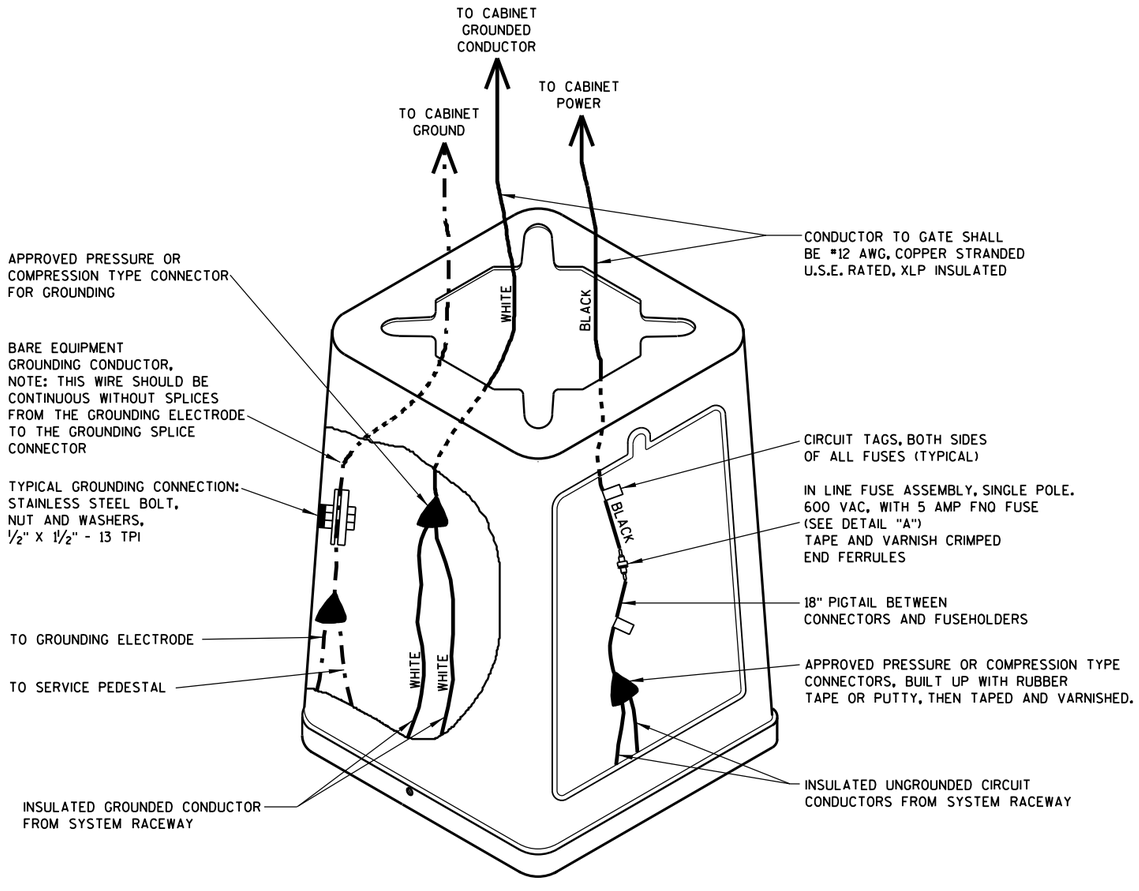


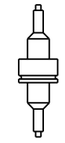
BUMPER ROD MOUNTING
BRACKET DETAIL

RAMP GATE
HARD WIRED

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6
S.D.D. 15 D 35-1a





DETAIL "A"
SINGLE POLE

6

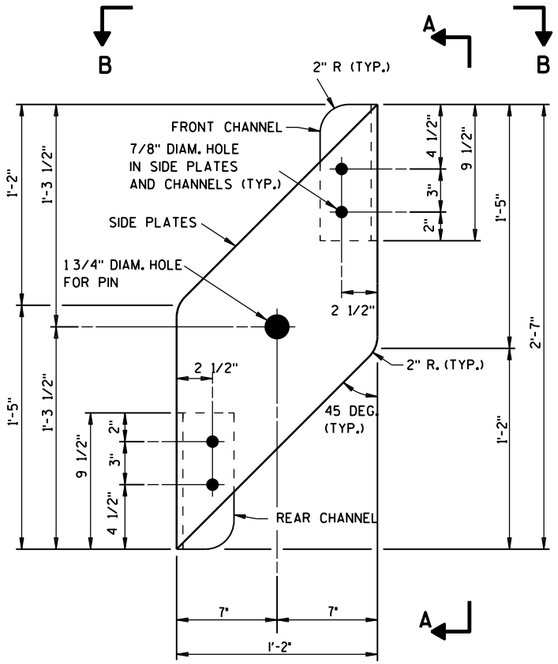
S.D.D. 15 D 35-1b

RAMP GATE
HARD WIRED

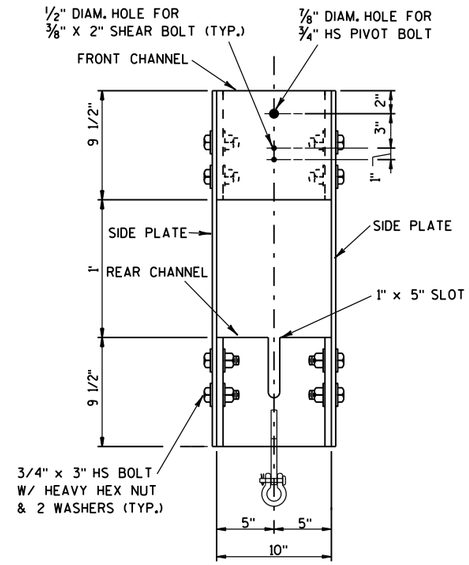
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

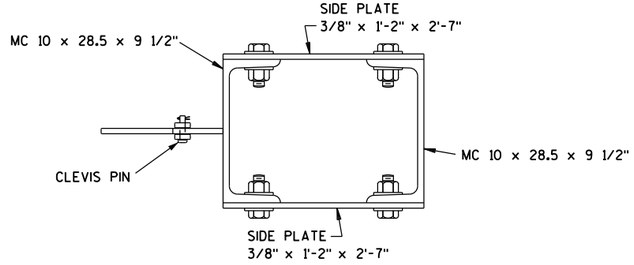
S.D.D. 15 D 35-1b



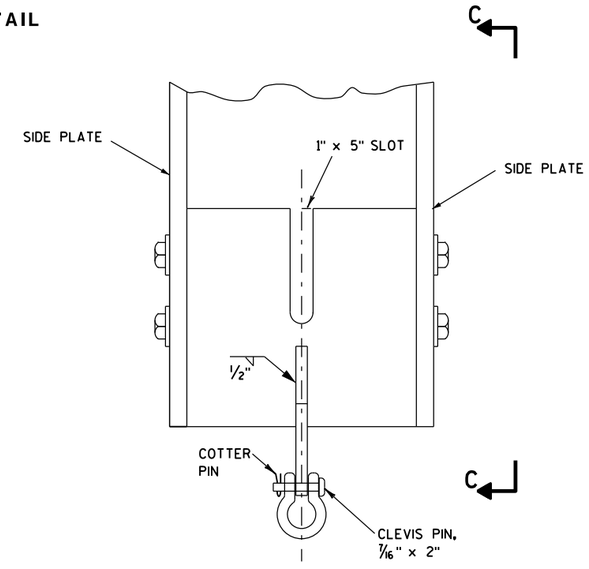
SIDE PLATE DETAIL



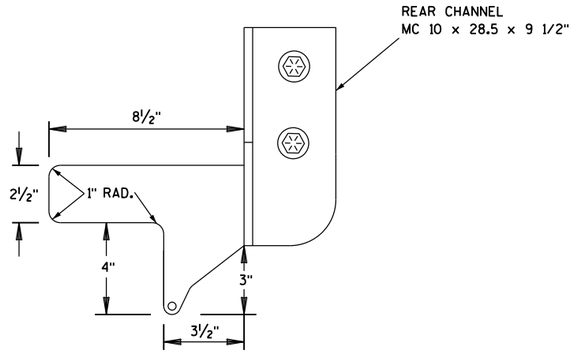
SECTION A-A



SECTION B-B



YOKE ASSEMBLY DETAIL



SECTION C-C

RAMP GATE
HARD WIRED

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6
S.D.D. 15 D 35-1c

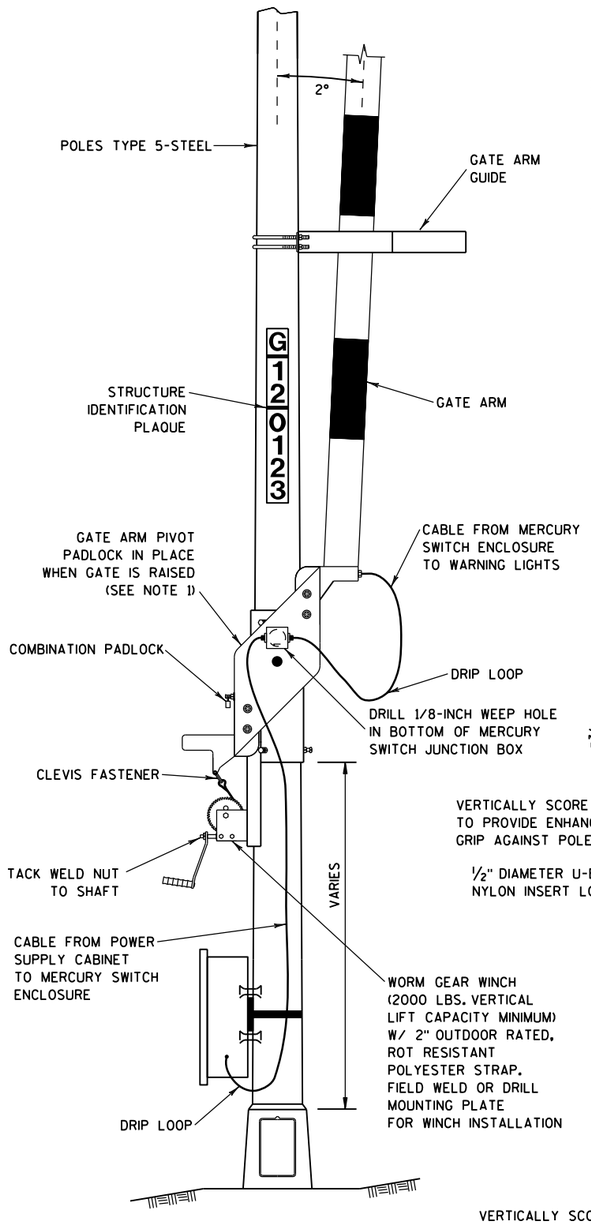
GENERAL NOTES

1. WHEN THE GATE IS FULLY RAISED, THE NUT AND WASHER SHALL BE PLACED SNUGLY AGAINST THE OUTSIDE OF THE REAR CHANNEL AND PADLOCKED IN PLACE.

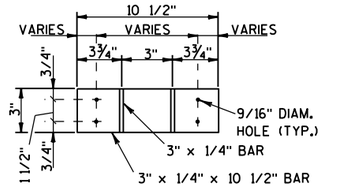
2. WHEN THE GATE IS FULLY LOWERED, THE NUT AND WASHER SHALL BE PLACED SNUGLY AGAINST THE INSIDE OF THE REAR CHANNEL AND PADLOCKED INTO PLACE.

3. ANTI-SEIZE LUBRICATING MATERIAL SHALL BE USED ON ALL BOLT THREADS BEFORE INSTALLATION.

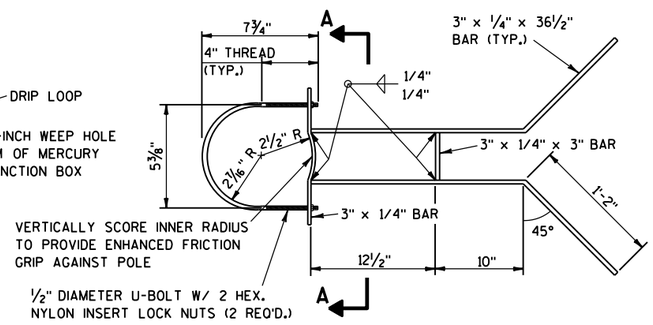
4. ALL BOLTS SHALL BE GALVANIZED AND CONFORM TO ASTM A307, GRADE A, UNLESS DESIGNATED AS HS (HIGH STRENGTH), WHICH SHALL CONFORM TO ASTM A325. BOLTS OF ½" NOMINAL DIAMTER OR LESS MAY BE STAINLESS STEEL.



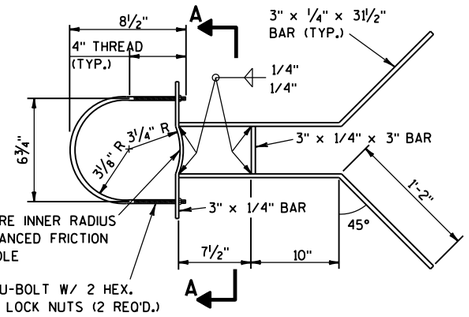
GATE PIVOT ASSEMBLY



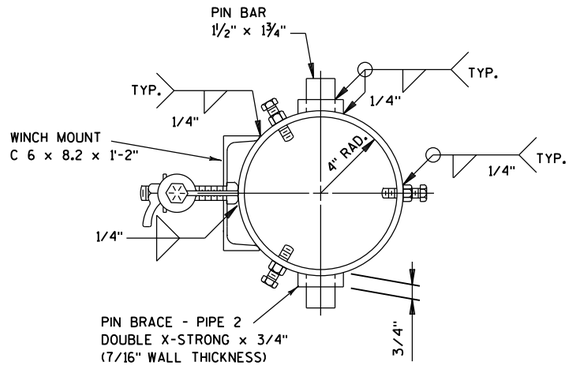
SECTION A-A
U-BOLTS NOT SHOWN



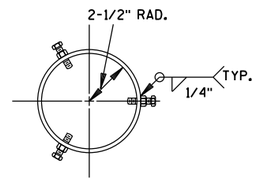
UPPER GATE ARM GUIDE DETAIL



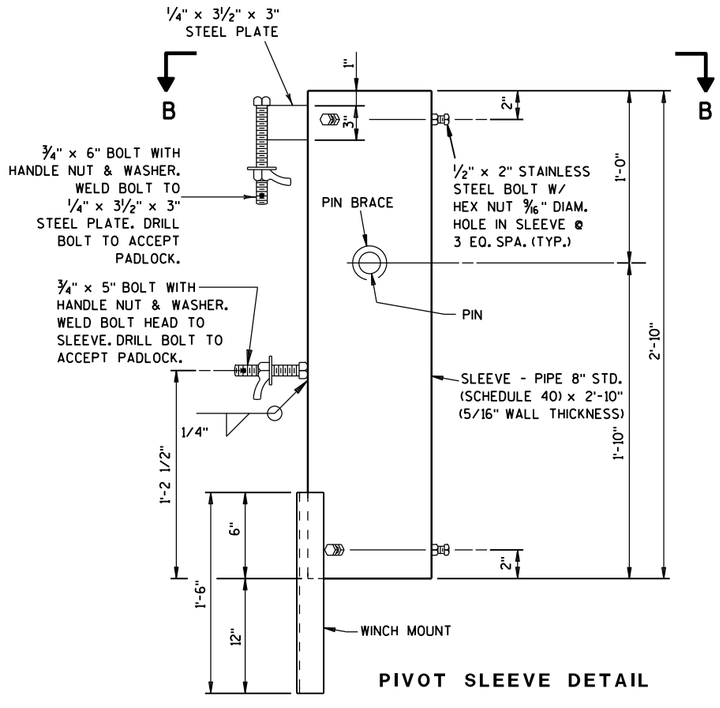
LOWER GATE ARM GUIDE DETAIL



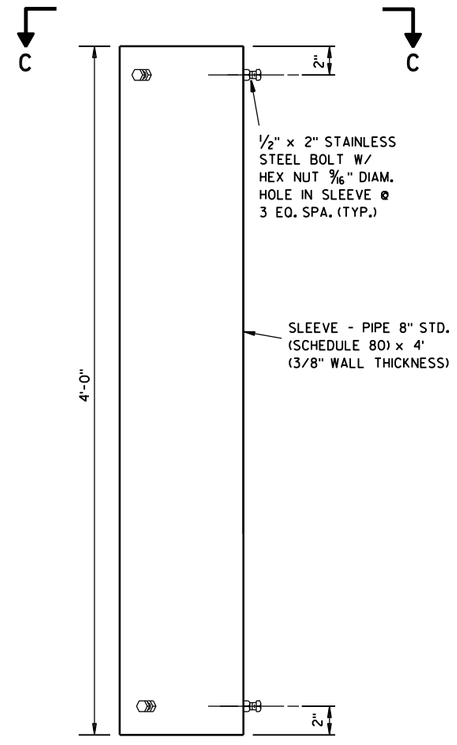
SECTION B-B



SECTION C-C



PIVOT SLEEVE DETAIL



TOP COLLAR

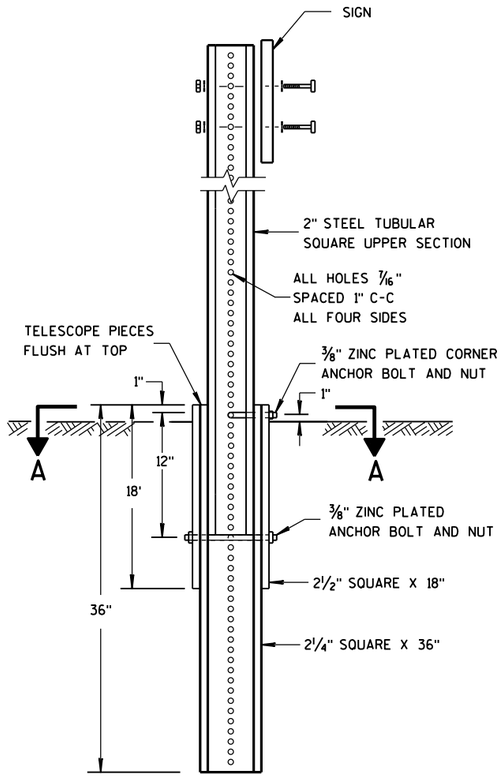
RAMP GATE
HARD WIRED

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

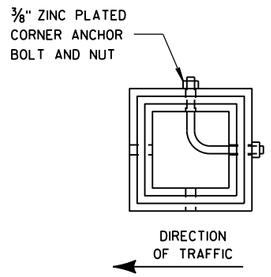
APPROVED
4-30-2013
DATE
/S/ Bill Wondrachek
STATE TRAFFIC MANAGEMENT EN
FHWA

6

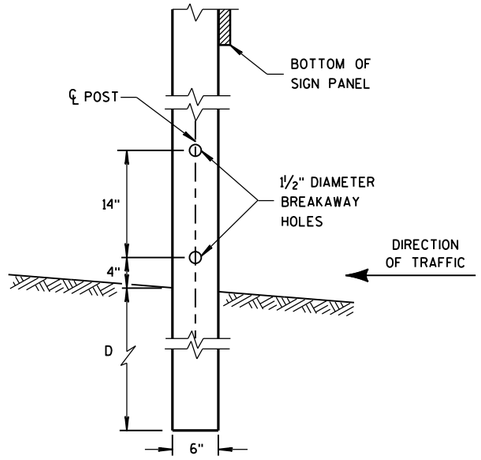
S.D.D. 15 D 35-1d



DETAIL OF TUBULAR STEEL SIGN POST



SECTION A-A



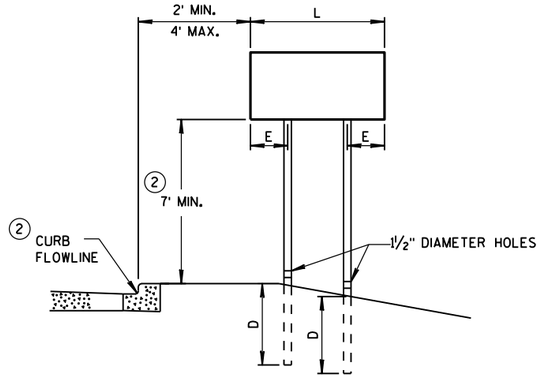
4"x6" WOOD POST MODIFICATION

GENERAL NOTES

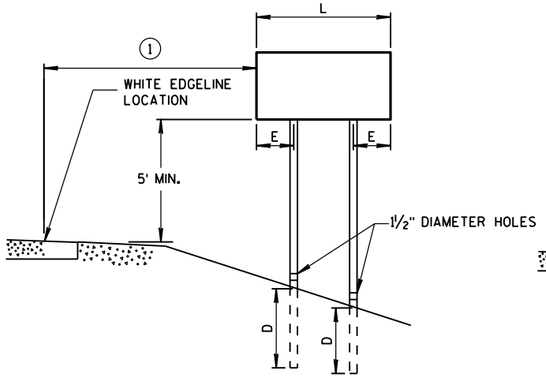
(1) 6 FEET FROM THE EDGE OF PAVEMENT (EDGE LINE LOCATION) UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER. LATERAL OFFSET SHOULD BE ADJUSTED TO AVOID THE DITCH FLOWLINE.

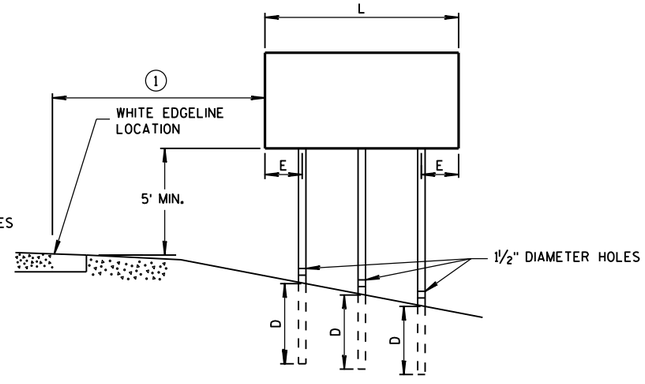
(2) THE EXISTENCE OF CURB AND GUTTER DOES NOT IN ITSELF MANDATE THE VERTICAL CLEARANCE ILLUSTRATED. THAT HEIGHT IS TYPICALLY MEASURED WHERE THERE IS SIDEWALK ADJACENT TO THE ROADWAY OR PARKING IS PERMITTED. IN THE ABSENCE OF SIDEWALK, VERTICAL CLEARANCE IS MEASURED FROM THE TOP OF THE CURB. IF NO SIDEWALK AND NO PARKING, VERTICAL CLEARANCE MAY BE REDUCED TO 5 FOOT MINIMUM. OFFSET OF SIGNS IS MEASURED FROM THE CURB FLOWLINE.

(3) FOR SIGNS REQUIRING 4 POSTS, SPACE INTERMEDIATE POSTS EVENLY.



URBAN AREA





RURAL AREA

POST MOUNTING DETAIL FOR TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

TUBULAR STEEL POSTS

AREA OF SIGN INSTALLATION (SQ. FT.)	NUMBER OF REQUIRED TUBULAR STEEL POSTS
9 OR LESS	1
GREATER THAN 9 LESS THAN OR EQUAL TO 18	2
GREATER THAN 18 LESS THAN OR EQUAL TO 27	3

SIGNS WIDER THAN 3 FEET OR LARGER THAN 9 SQ. FT. SHALL BE MOUNTED ON MULTIPLE POSTS (SEE ABOVE TABLE).

SIGNS LARGER THAN 27 SQ. FT. SHALL NOT BE MOUNTED ON TUBULAR STEEL POSTS.

WOOD POST EMBEDMENT DEPTH

AREA OF SIGN INSTALLATION (SQ. FT.)	D (MIN)
20 OR LESS	4'
GREATER THAN 20	5'

4" X 6" WOOD POST

POST SPACING REQUIREMENTS		NUMBER OF WOOD POSTS REQUIRED
L	E	
48" OR LESS AND LESS THAN 20 SQ. FT.	-	1
LESS THAN 60"	12"	2
60" TO 120"	L/5	2
GREATER THAN 120" LESS THAN 168"	12"	3
168" AND GREATER	12"	4

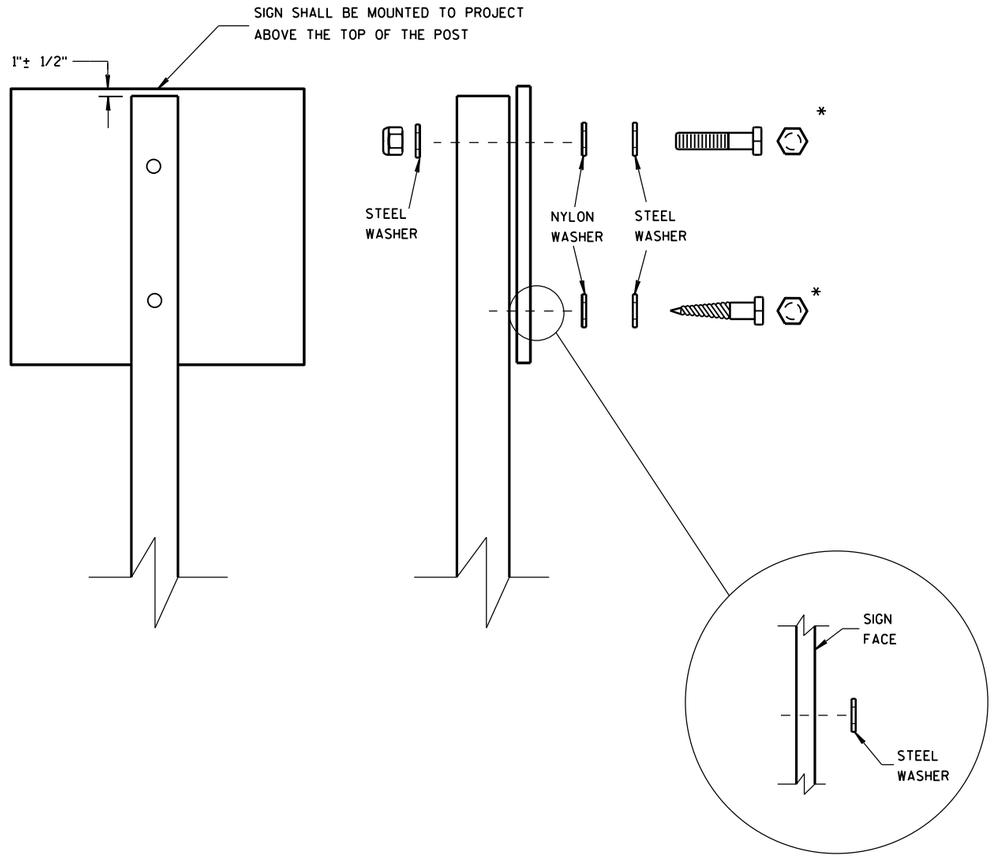
SEE NOTE (3)

TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

STATE OF WISCONSIN DEPARTMENT OF TRANSPO

6

S.D.D. 15 D 38-1a



WASHER PLACEMENT WHEN SIGN HAS OTHER THAN TYPE H OR TYPE F FACE

NUTS, BOLTS AND LAGS USED FOR MOUNTING SIGNS SHALL HAVE HEXAGONAL HEADS AND SHALL BE EITHER:

A. HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: A 153, CLASS D, OR SC 3

B. ELECTRO-GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: B 633, TYPE III, SC 3

THREADS ON BOLTS AND NUTS SHALL BE MANUFACTURED WITH SUFFICIENT ALLOWANCE FOR THE CADMIUM PLATE OR GALVANIZED COATING TO PERMIT THE NUTS TO RUN FREELY ON THE BOLTS.

WOOD POSTS (4" x 4" or 4" x 6")

LAG SCREWS - 3/8" X 3"

MACHINE BOLTS - 5/16" X 6-1/2" OR 7" LENGTH W/ NUTS

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" LENGTH W/ NUTS

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL

1-1/4" O.D. X 3/8" I.D. X .080 NYLON FOR ALL TYPE H SIGNS

* TWO DIFFERENT FASTENING SYSTEMS ARE SHOWN FOR ILLUSTRATION PURPOSES. ON ANY INDIVIDUAL SIGN, EITHER ONE OR THE OTHER SYSTEM SHALL BE USED. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA. FOR A SINGLE POST INSTALLATION, ALL SIGNS GREATER THAN 9 SQ. FT. REQUIRE THE USE OF 3 FASTENERS.

6

6

S.D.D. 15 D 38-1b

S.D.D. 15 D 38-1b

ATTACHMENT OF SIGNS TO POSTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

Feb. 2015 — DATE

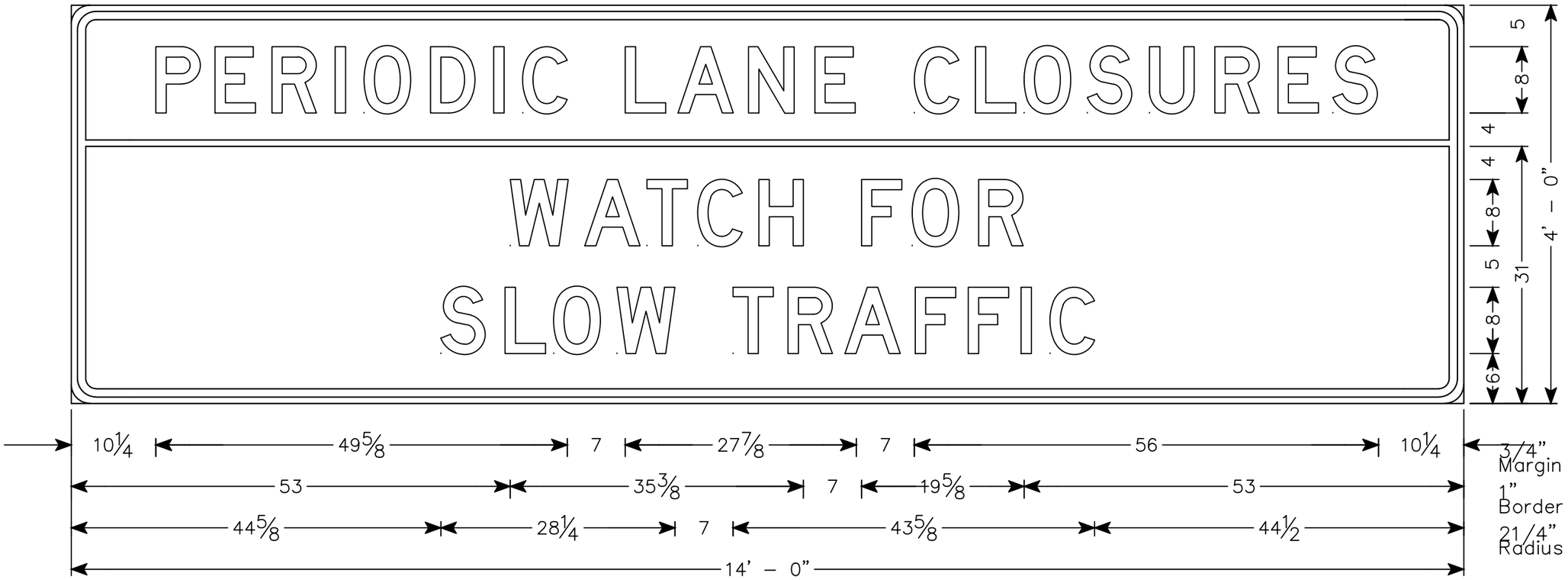
/S/ Travis Feltes — STATE TRAFFIC ENGINEER

FHWA

SIGN

NOTES

1. All Signs Type II – Reflective – reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background – Orange except as noted
   Message – Black
3. Message Series – D



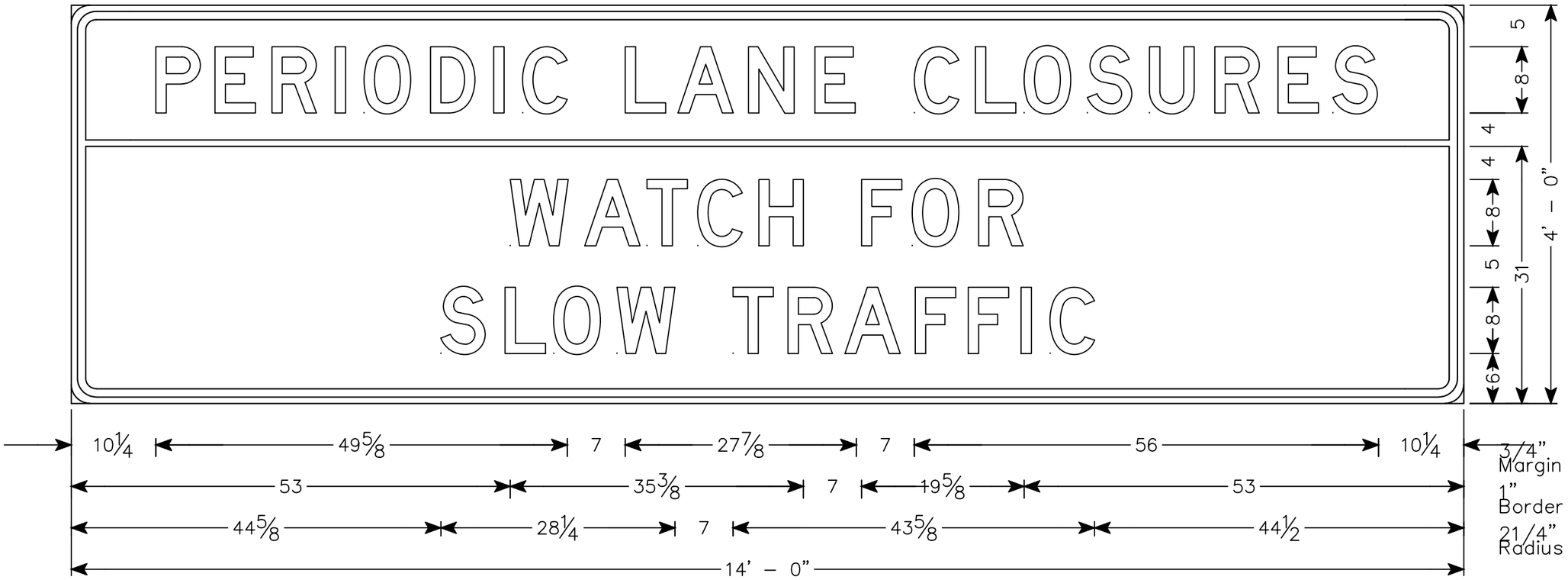
7

7

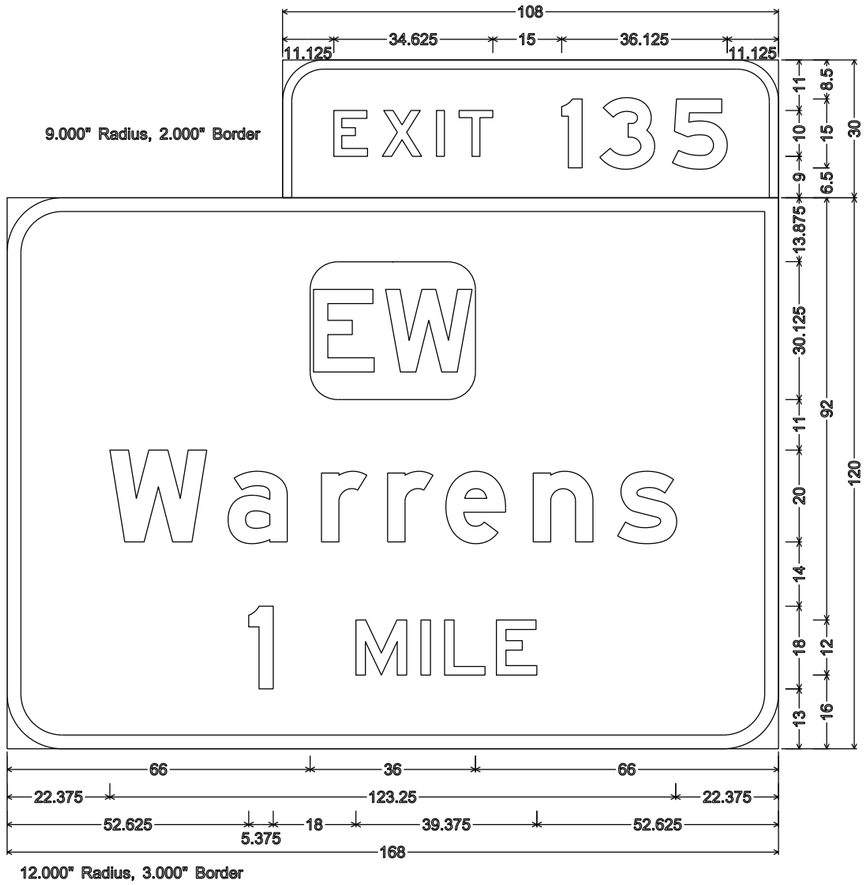
PROJECT NO: 1023-00-72 & 1023-06-73	HWY: IH 94	COUNTY: JACKSON AND MONROE	TEMPORARY SIGNING - EAST BOUND	SHEET 269	E

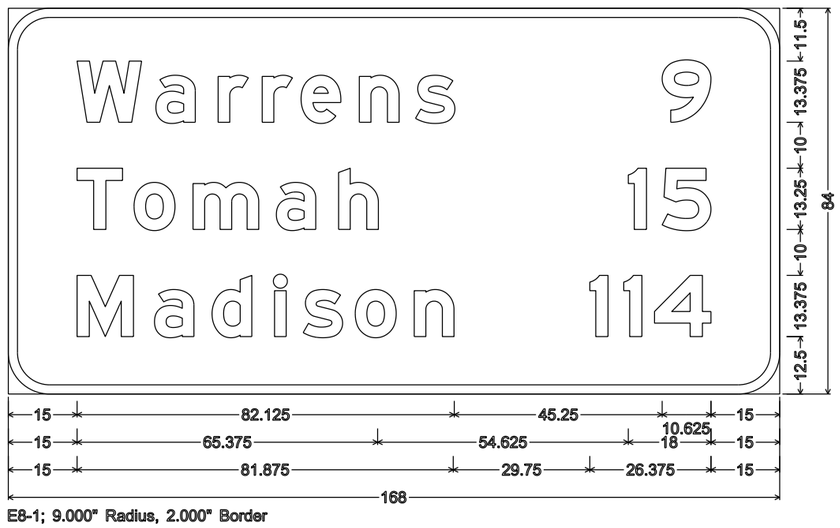
NOTES

1. All Signs Type II – Reflective – reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background – Orange except as noted
   Message – Black
3. Message Series – D



PROJECT NO: 1023-00-80 & 1023-06-75	HWY: IH 94	COUNTY: JACKSON AND MONROE	TEMPORARY SIGNING - WEST BOUND	SHEET 270	E



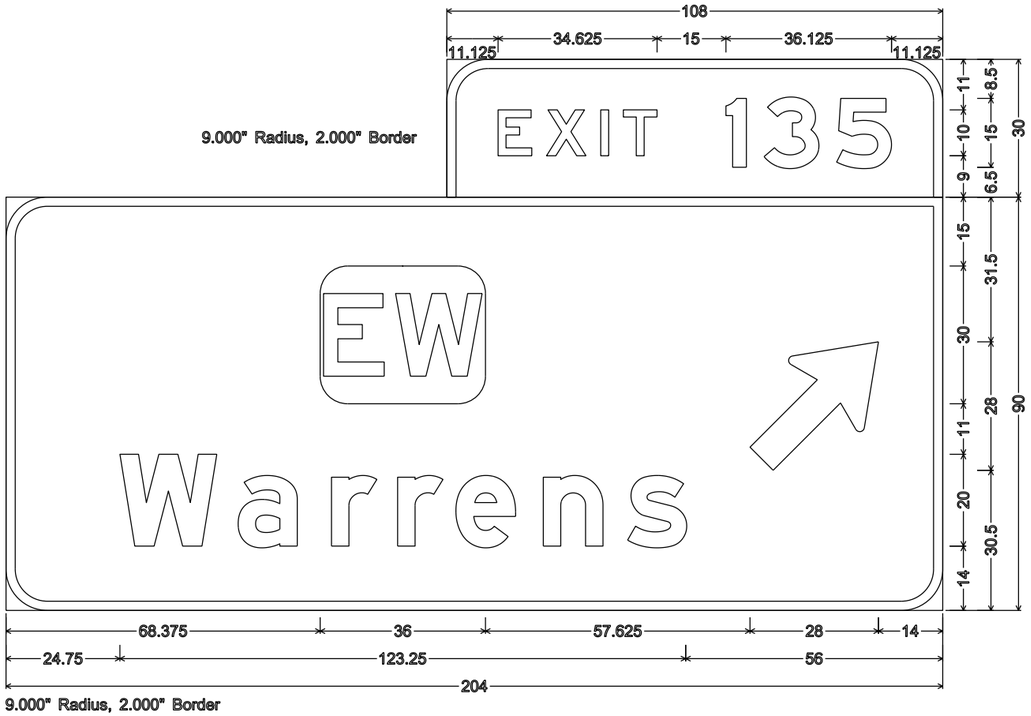


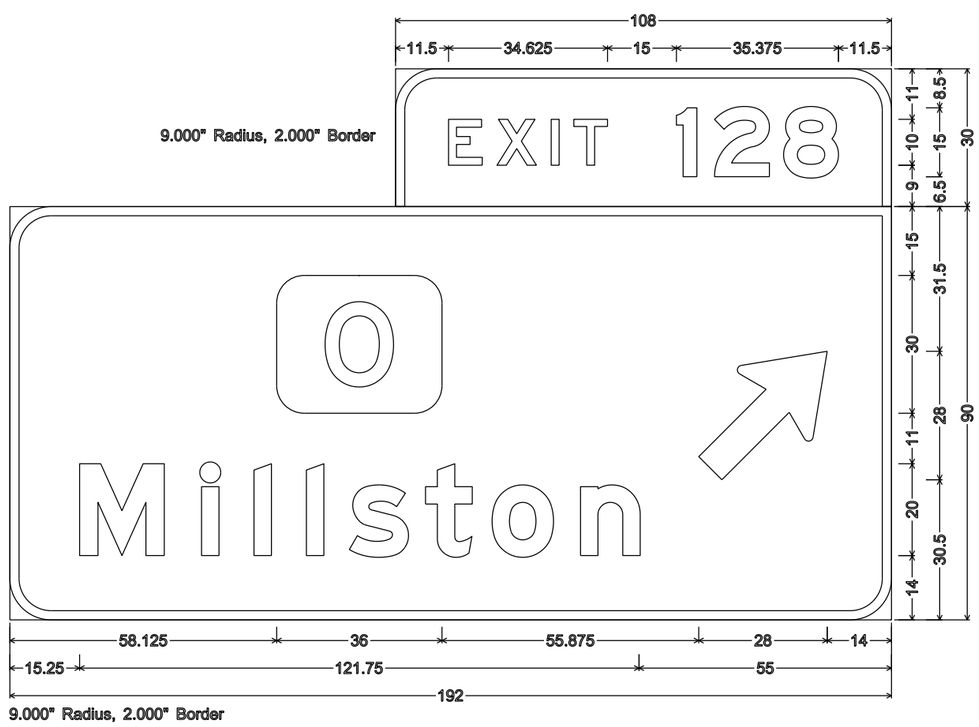
NOTES

1. Sign is Type I - Type SH Reflective
2. Color:
   Background - Green except as noted
   Message - White except as noted
3. Message Series - E Modified except as noted

PROJECT NO: 1023-00-72/1023-06-73	HWY: IH 94	COUNTY: JACKSON	PERMANENT SIGNING	SHEET NO:	E

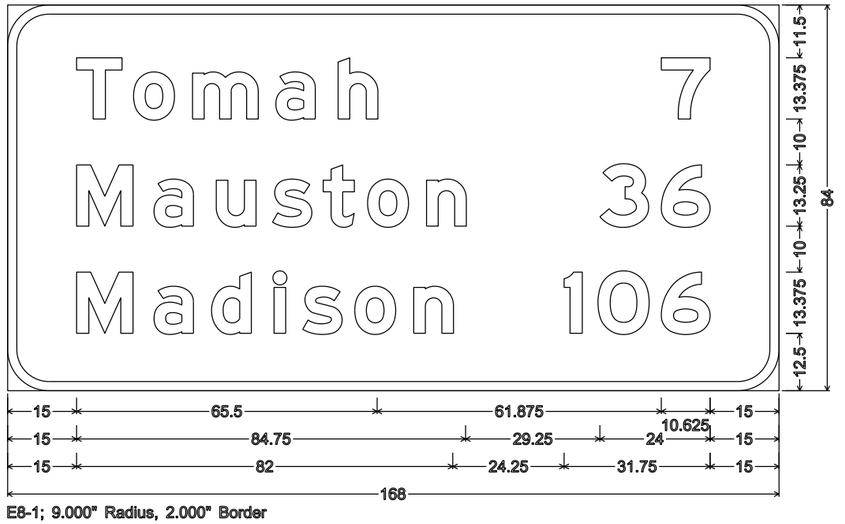
FILE NAME : C:\CAEfiles\Projects\tr_d5\5273d515.dgn PLOT DATE : 22-JUN-2015 10:00 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 32.995622:1.000000
WISDOT/CADDS SHEET 42





NOTES

1. Sign is Type I - Type SH Reflective
2. Color:
   Background - Green except as noted
   Message - White except as noted
3. Message Series - E Modified except as noted

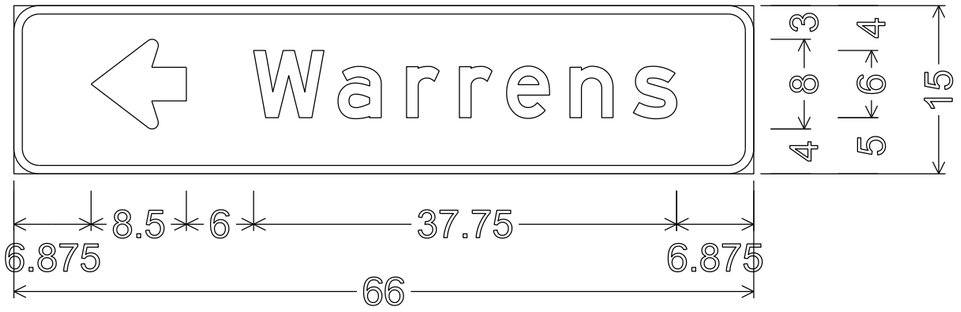


PROJECT NO: 1023-00-72/1023-06-73	HWY: IH 94	COUNTY: JACKSON	PERMANENT SIGNING	SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_d5\5273d515.dgn PLOT DATE : 21-MAY-2015 09:47 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 32.995622:1.000000 WISDOT/CADDS SHEET 42

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E



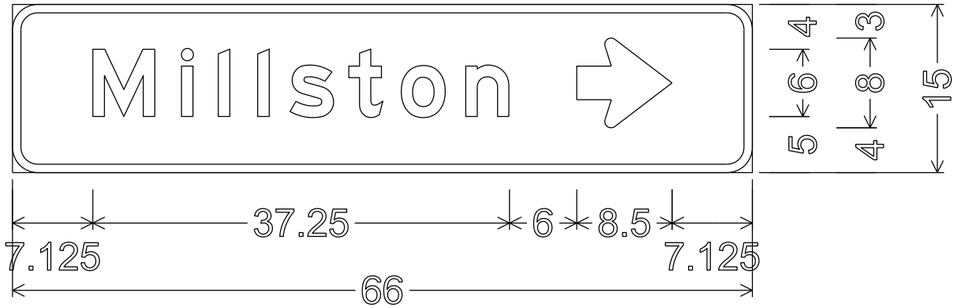
D1-1;
2.250" Radius, 0.750" Border



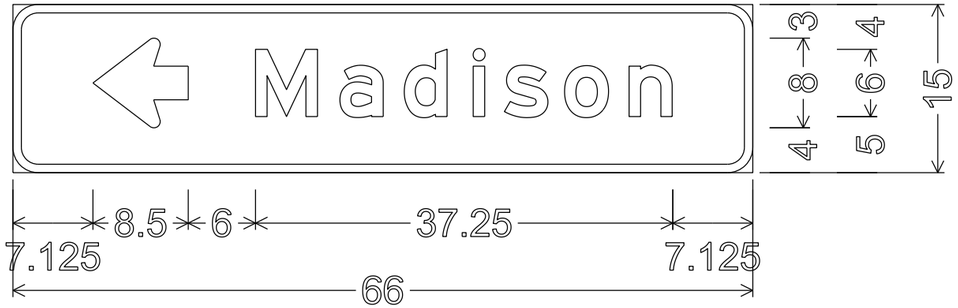
I2-2; 3.000" Radius, 1.000" Border



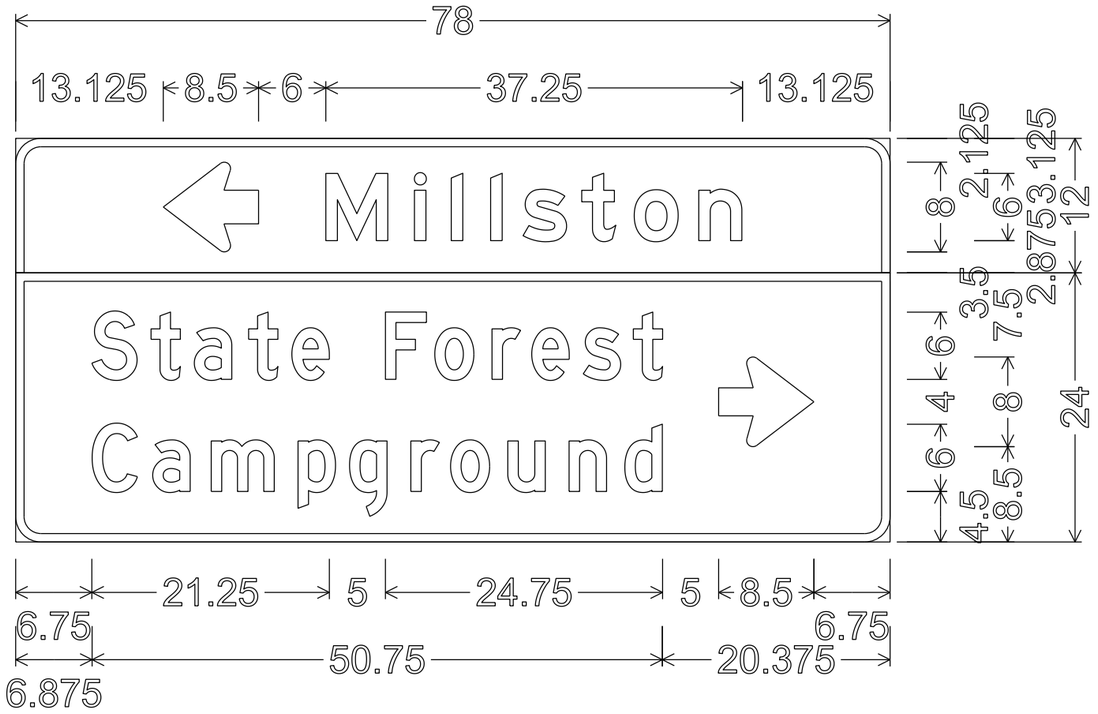
D1-1; 2.250" Radius, 0.750" Border



D1-1; 2.250" Radius, 0.750" Border



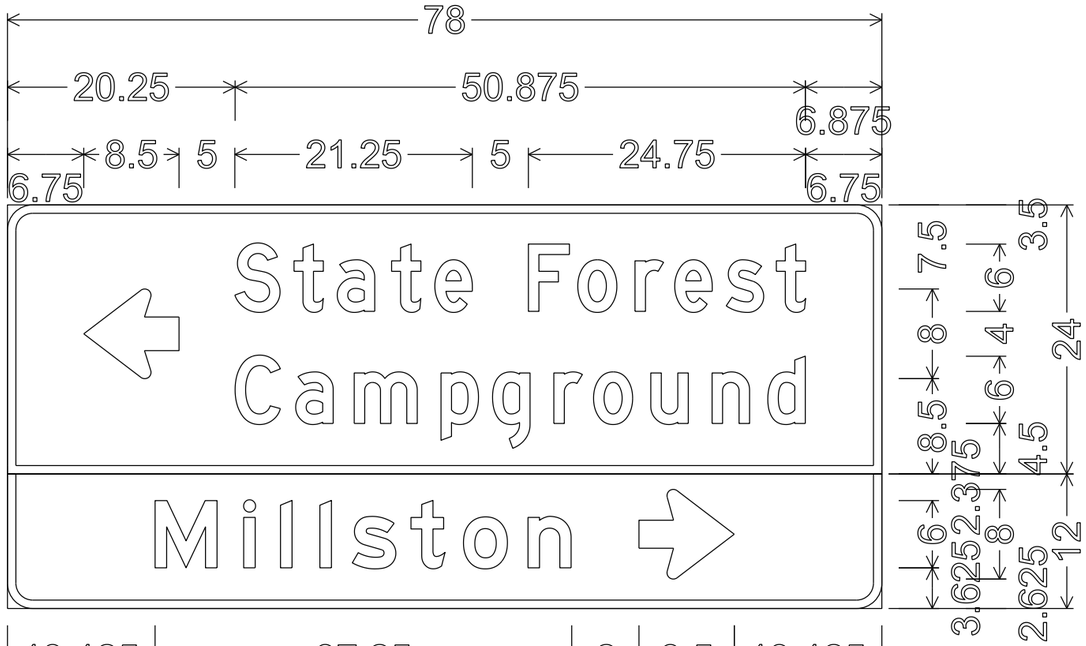
D1-1; 2.250" Radius, 0.750" Border



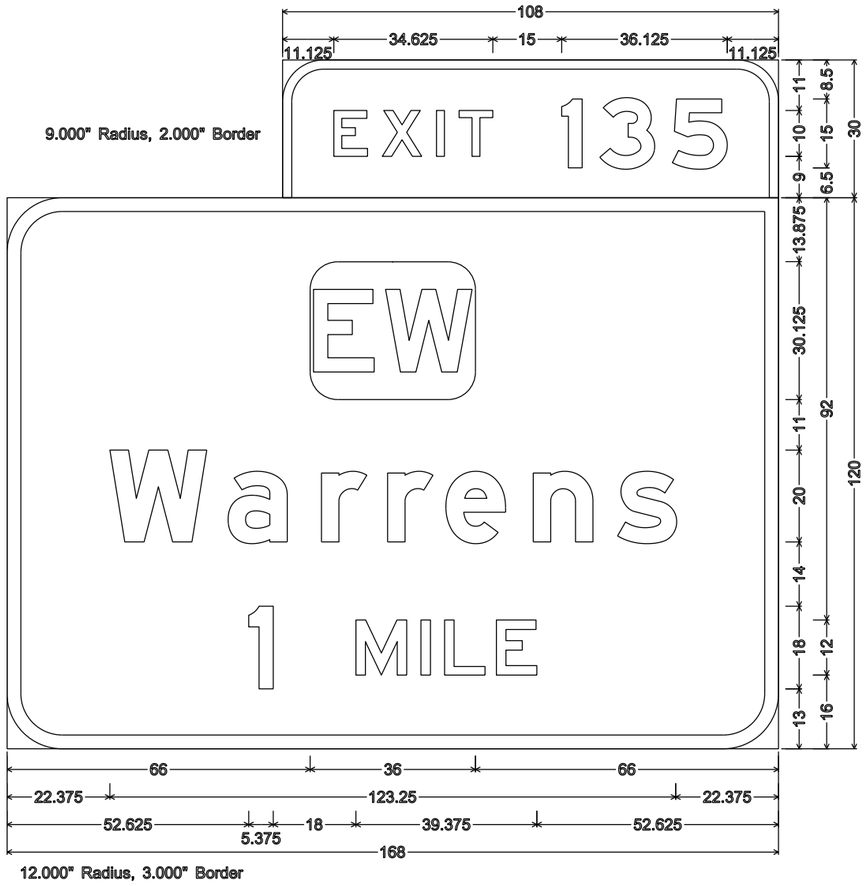
2.250" Radius, 0.750" Border, White on Green;
"Millston" E;
2.250" Radius, 0.750" Border, White on Brown;
"State" D; "Forest" D; "Campground" D;

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Green except as noted
   Message - White except as noted
3. Message Series - E

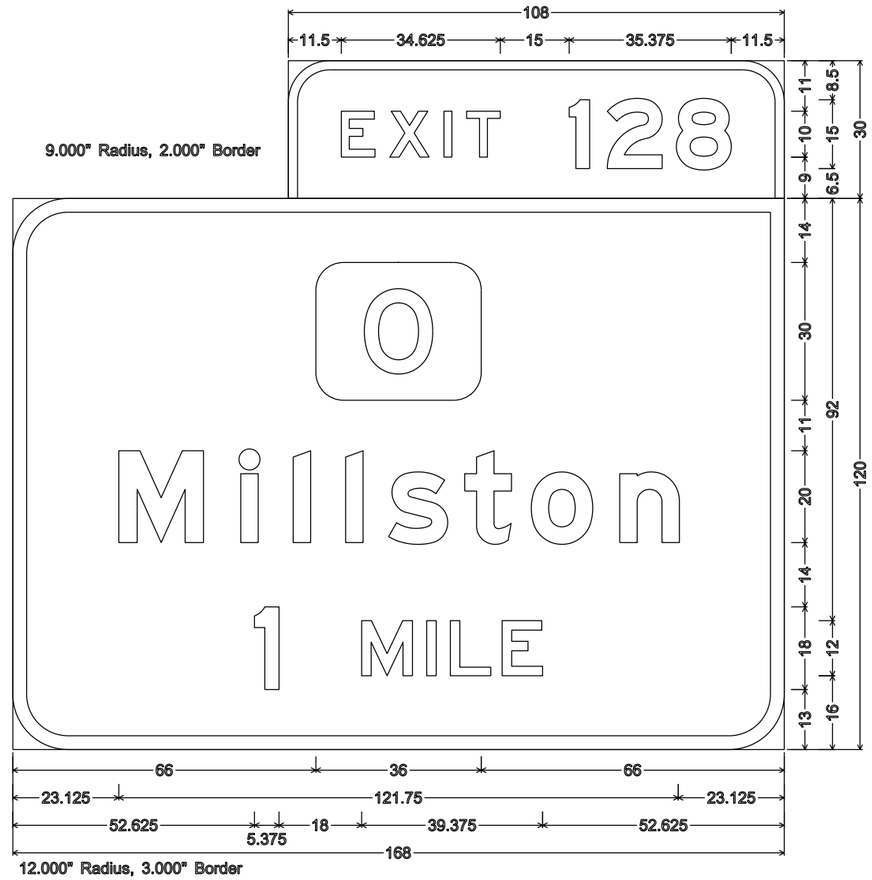


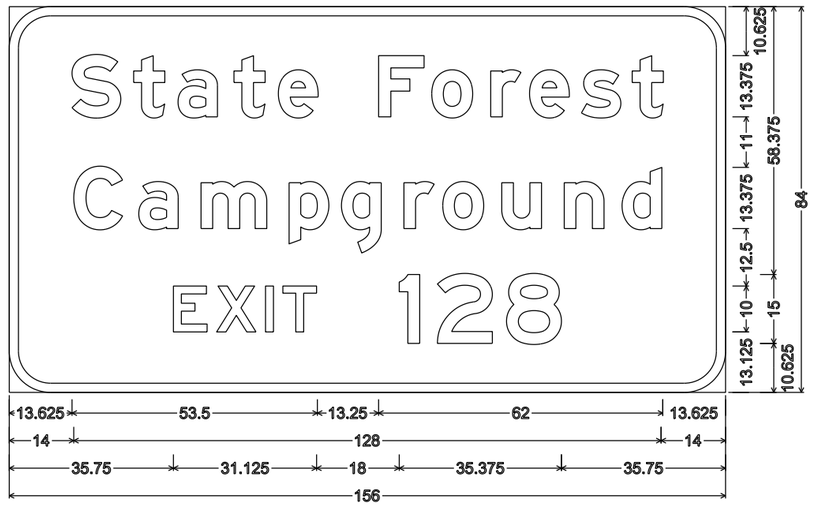
2.250" Radius, 0.750" Border, White on Brown;
"State" D; "Forest" D; "Campground" D;
2.250" Radius, 0.750" Border, White on Green;
"Millston" E;

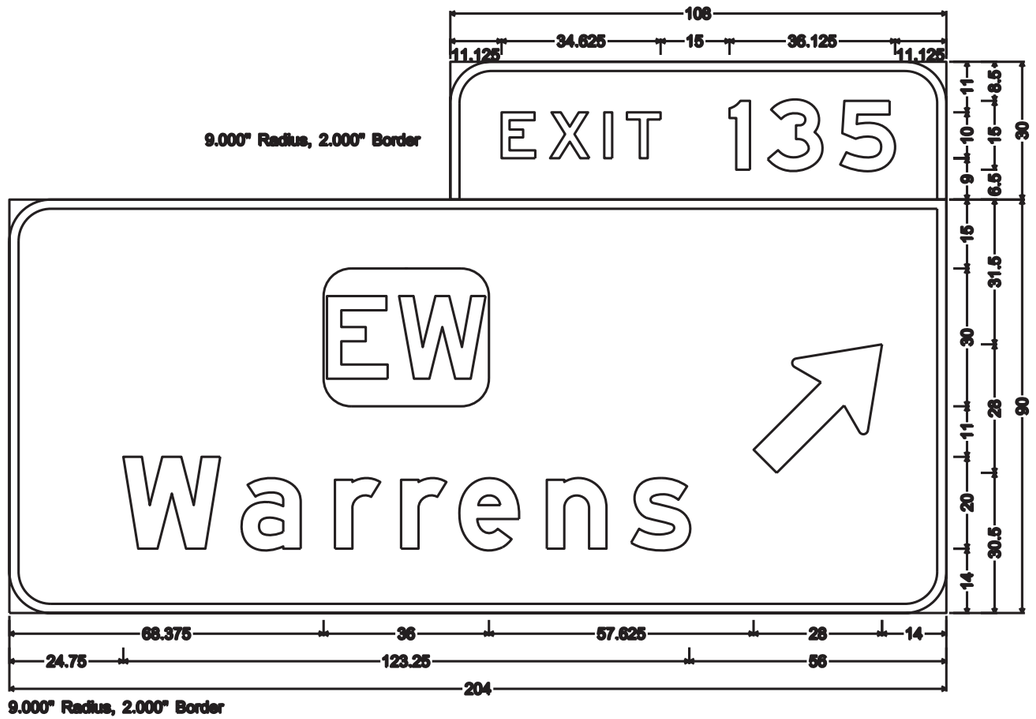


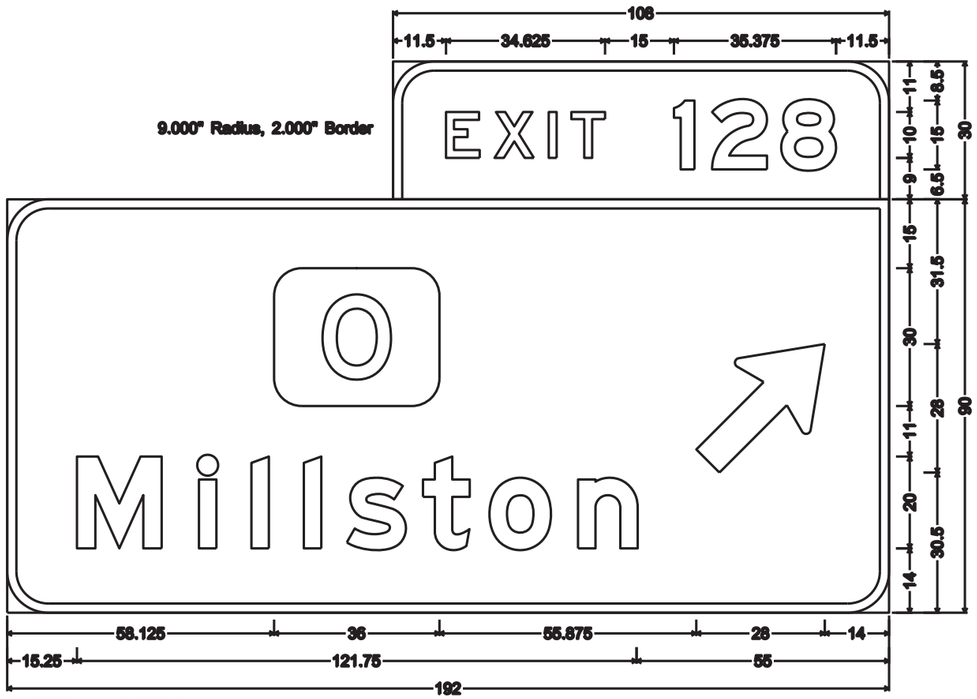
NOTES

1. Sign is Type I - Type SH Reflective
2. Color:
   Background - Green except as noted
   Message - White except as noted
3. Message Series - E Modified except as noted



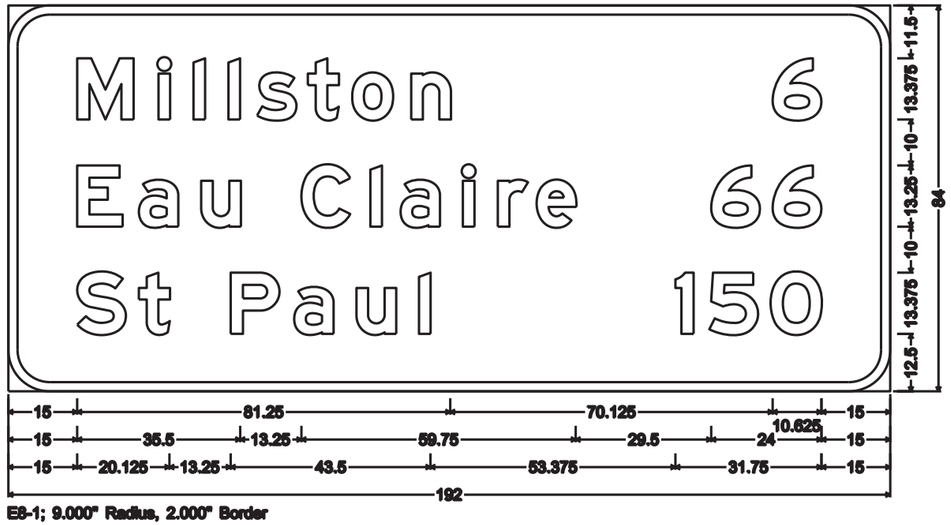






NOTES

1. Sign is Type I - Type SH Reflective
2. Color:
   Background - Green except as noted
   Message - White except as noted
3. Message Series - E Modified except as noted

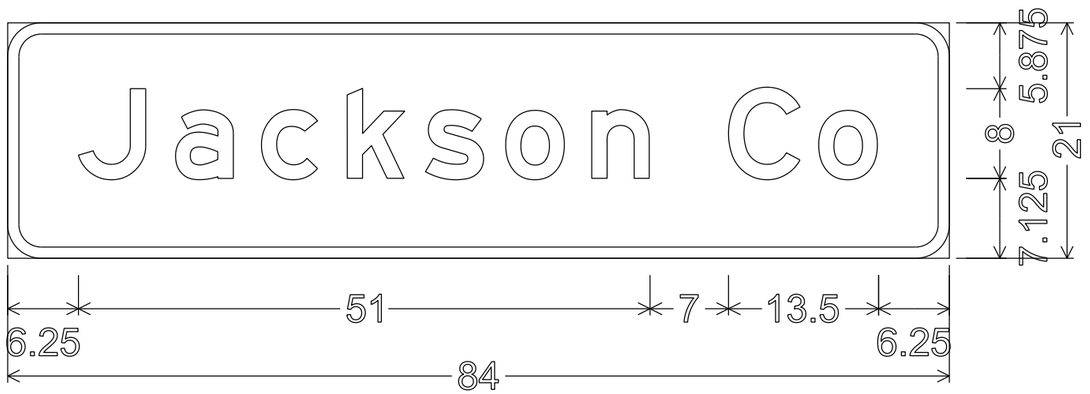


PROJECT NO: 1023-00-80/1023-06-75	HWY: IH 94	COUNTY: JACKSON	PERMANENT SIGNING	SHEET NO:	E

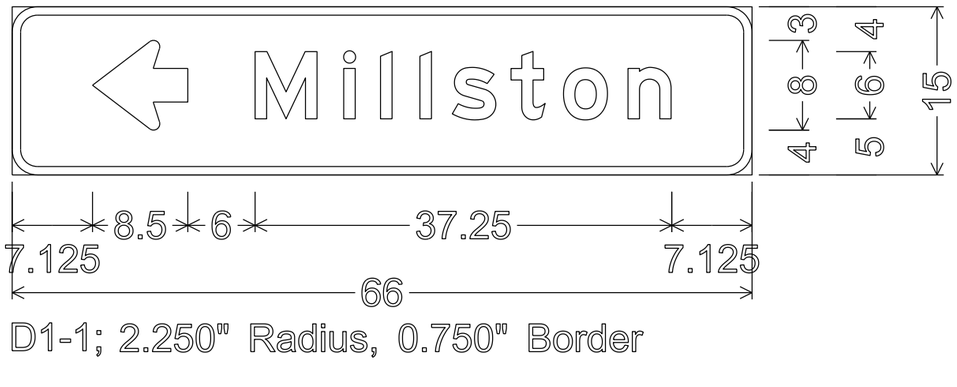
FILE NAME : C:\CAEfiles\Projects\tr_d5\5273A515.DGN PLOT DATE : 14-OCT-2015 09:30 PLOT BY : ss...plotuser...ss PLOT NAME : PLOT SCALE : 52.554173:1.000000 WISDOT/CADDS SHEET 42

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E



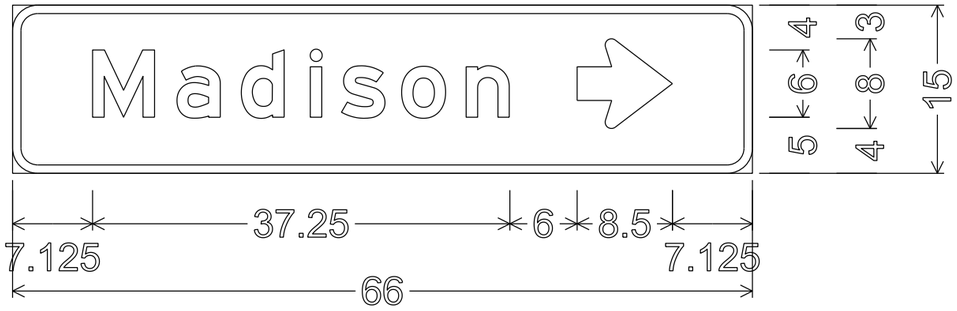
I2-2; 3.000" Radius, 1.000" Border



D1-1; 2.250" Radius, 0.750" Border



D1-1; 2.250" Radius, 0.750" Border



D1-1;
2.250" Radius, 0.750" Border

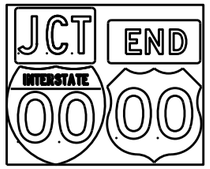
PROJECT NO: 1023-00-80/1023-06-75	HWY: IH 94	COUNTY: JACKSON	PERMANENT SIGNING	SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_d5\5273d515.dgn PLOT DATE : 22-JUN-2015 09:59 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 13.515007:1.000000
WISDOT/CADDS SHEET 42

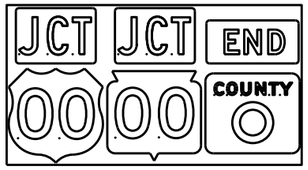
TYPICAL ASSEMBLIES



J1-1



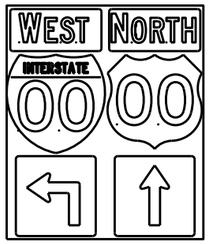
J1-2



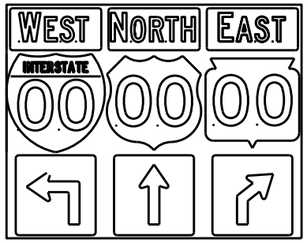
J1-3



J2-1



J2-2

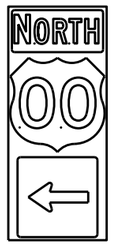


J2-3

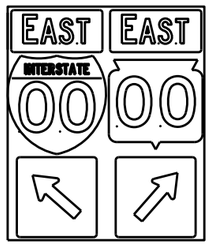


JV

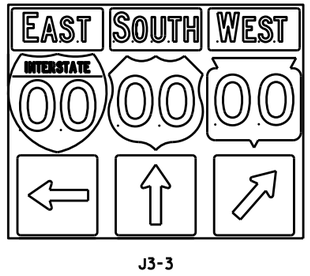
(Typical Vertical J-Assembly
See Note 10 and 11)



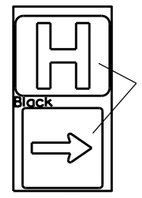
J3-1



J3-2



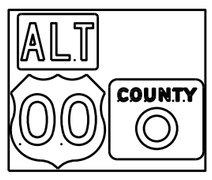
J3-3



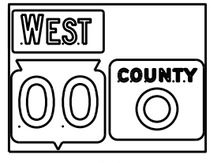
JH-1



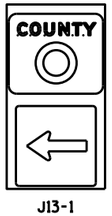
J4-1



J4-2



J4-2



J13-1



J12-1



J32-1



J33-1

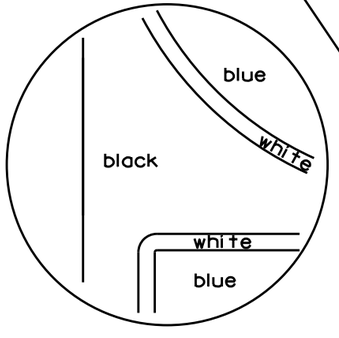


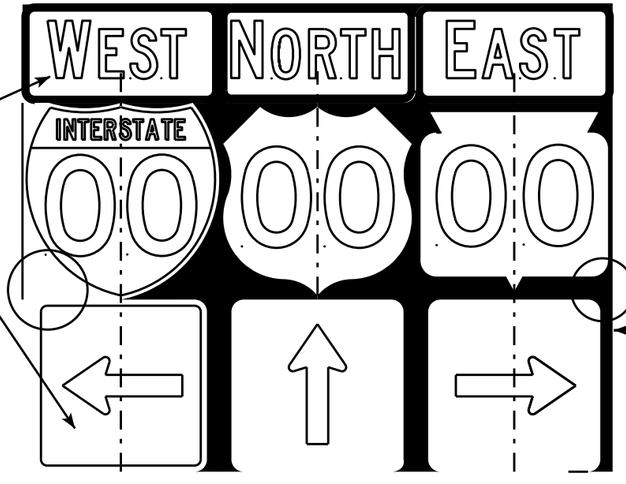
J23-1

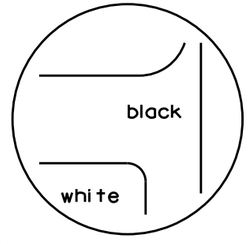


J22-1

blue background
with interstate







black background

NOTES

1. Signs are Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Black Non-reflective
   Message - see Note 5
3. Message Series - See Note 5
4. Corners shall be square or rounded if base material is plywood. If base material is metal the corners shall be rounded.
5. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
6. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
7. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
8. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
10. All Vertical J Assemblies are given a Sign Code of JV
11. For JV Assemblies that have a mixture of Interstate and non Interstate shields, arrows and cardinals shall be white on blue.

ROUTE MARKERS & COMPONENTS
IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

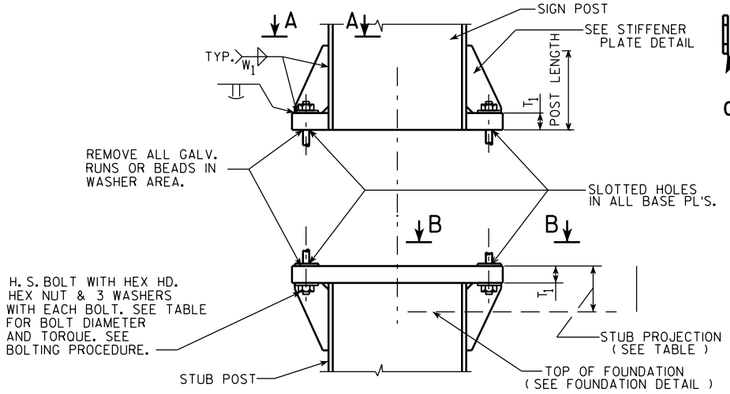
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/06/14 PL... A2-1S.8

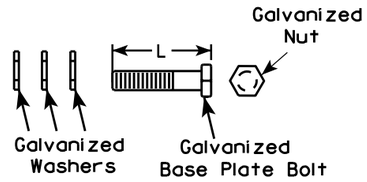
PROJECT NO: | SHEET NO: E

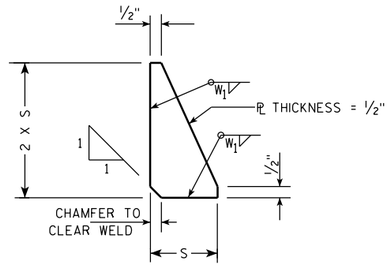
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A21S.DGN PLOT DATE : 06-FEB-2014 14:10 PLOT BY : mscsja PLOT NAME :

WISDOT/CADDS SHEET 42



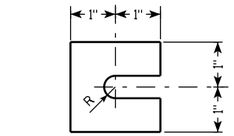
SIGN POST AND STUB POST ELEVATION





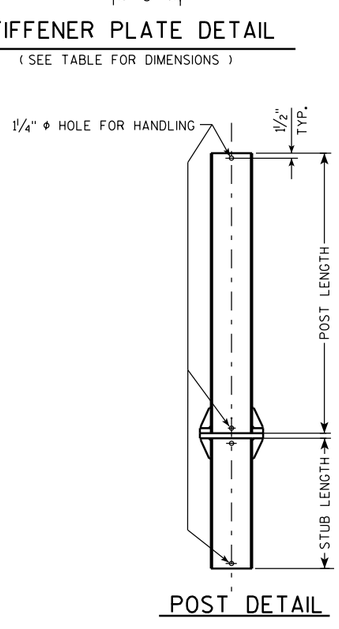
STIFFENER PLATE DETAIL

(SEE TABLE FOR DIMENSIONS)



FURNISH 2 @ .012" ± THICK AND 2 @ .032" ± THICK SHIMS PER POST. SHIMS SHALL BE FABRICATED FROM BRASS SHIM STOCK OR STRIP CONFORMING TO A.S.T.M.- B36.

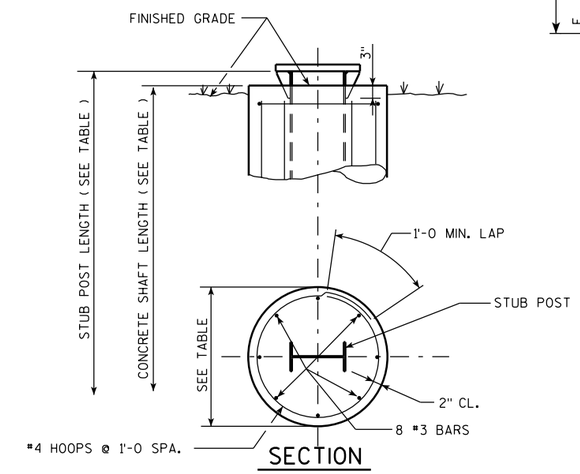
SHIM DETAIL



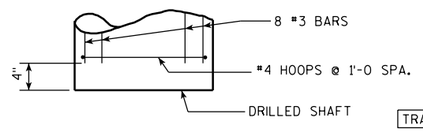
POST DETAIL

QUANTITIES FOR 1 FOOTING		
	CONC. MASONRY C.Y.	REINF. STEEL LBS.
A	0.6	34
B	0.8	49
C	0.9	50
D	0.9	56
⑦ E	1.0	62

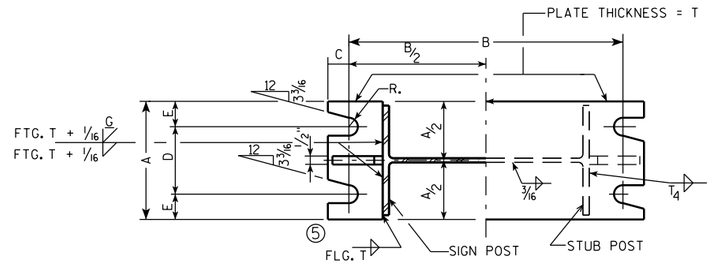
REINF.	TYPE	#3	#4
	A	8 @ 4'-5	5 @ 6'-3
	B	8 @ 6'-5	7 @ 6'-3
	C	8 @ 6'-11	7 @ 6'-3
	D	8 @ 7'-5	8 @ 6'-3
⑦	E	8 @ 7'-11	9 @ 6'-3



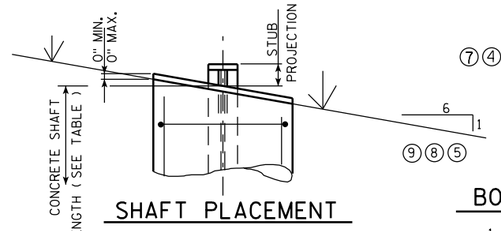
SECTION



FOUNDATION DETAIL



SECTION A-A SECTION B-B



SHAFT PLACEMENT

⑦④

DESIGN DATA

WIND PRESSURE = 75 M.P.H.
WIND COMPONENTS - NORMAL = 1.0 TRANSVERSE = 0.0
ICE LOAD = 3 P.S.F.

GROUP LOADS	PERCENT OF ALLOWABLE STRESS
1. DEAD	100
2. DEAD & WIND	140
3. DEAD, ICE & 1/2 WIND[4]	140 [4]25 P.S.F. MIN.

ALLOWABLE SOIL PRESSURE = 1 1/2 T / SQ. FT.
WIND LOAD WAS APPLIED TO THE AREA OF THE SIGN AND TO THE SUPPORTING MEMBERS.
ICE LOAD WAS APPLIED TO ONE FACE OF THE SIGN AND AROUND THE SURFACE OF THE SUPPORTING MEMBERS.

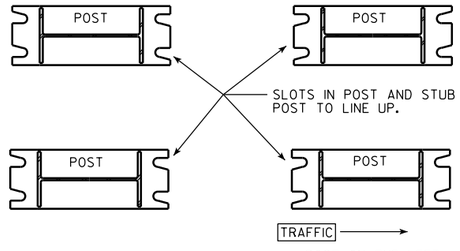
GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.
DESIGN CONFORMS WITH A.A.S.H.T.O. SPECIFICATIONS 1985.
ALL POSTS, POST STUBS & ATTACHMENTS SHALL BE A.S.T.M. A709 GRADE 50.
⑨ THE POST, BASE PLATES, UPPER SIX INCHES OF STUB POST FLANGE SPLICE PLATE AND FUSE PLATE SHALL BE GALVANIZED AFTER FABRICATION.
H.S. BOLTS, WASHERS & NUTS SHALL BE A325 GALVANIZED WHEN POSTS, POST STUBS AND ATTACHMENTS ARE A709 GRADE 50 AND GALVANIZED.

BOLTING PROCEDURE - BASE CONNECTION

1. ASSEMBLE SIGN POST TO STUB POST WITH BOLTS AND ONE OF THE FLAT WASHERS ON EACH BOLT BETW. PLATES.
2. SHIM AS REQ'D. TO PLUMB POST.
3. PRIOR TO BOLT TIGHTENING LUBRICATE BASE CONNECTION BOLTS WITH BEESWAX OR OTHER HIGH-WAX LUBRICANT.
4. TIGHTEN ALL BOLTS THE MAXIMUM POSSIBLE WITH 12" OR 15" WRENCH TO BED WASHERS & SHIMS AND TO CLEAN BOLT THREADS, THEN LOOSEN EACH BOLT IN TURN AND RETIGHTEN IN A SYSTEMATIC ORDER TO THE PRESCRIBED TORQUE. (SEE TABLE)
5. BURR THREADS AT JUNCTION WITH NUT USING A CENTER PUNCH TO PREVENT NUT LOOSENING.

NOTE:
TIGHTEN THE HIGH STRENGTH BOLTS TO THE TORQUE SHOWN. DO NOT OVERTIGHTEN.



POST SLOT ORIENTATION ⑦

L	X	TYPE	DIMENSION / POST SIZE	BASE CONNECTION DATA TABLE: BOLT SIZE & TORQUE	A	B	C	D	E	T_1	T_4	W_1	R	S	FOUNDATION DATA: STUB LENGTH	STUB PROJECTION	SHAFT DIAMETER	SHAFT LENGTH	② K
3 3/4	④	A	W10"X12.0 #/FT.	3/4" Φ @ 75#-FT.	5 1/4"	1'-0 3/8	7/8"	3 1/2"	7/8"	1"	3/16"	5/16"	13/32"	2 1/8"	3'-6	3"	2'-0 Φ	5'-0	76.0# ④
4 3/4	④	B	W12"X16.0 #/FT.	7/8" Φ @ 85#-FT.	5 1/2"	1'-4 1/4	1"	3 1/2"	1"	1 1/4"	1/4"	5/16"	15/32"	3"	5'-6	3"	2'-0 Φ	7'-0	146.5# ④
5		C	W12"X19.0 #/FT.	7/8" Φ @ 85#-FT.	5 1/2"	1'-4 1/4	1"	3 1/2"	1"	1 1/2"	5/16"	5/16"	15/32"	3"	6'-0	3"	2'-0 Φ	7'-6	182.1#
5		D	W12"X22.0 #/FT.	7/8" Φ @ 85#-FT.	5 1/2"	1'-4 1/4	1"	3 1/2"	1"	1 1/2"	3/8"	5/16"	15/32"	3"	6'-6	3"	2'-0 Φ	8'-0	210.5#
5	③	E	W12"X26.0 #/FT.	1" Φ @ 90#-FT.	7"	1'-4 1/4	1 1/4"	4"	1 1/2"	1 1/2"	3/8"	5/16"	11/32"	3"	7'-0	3"	2'-0 Φ	8'-6	293.0# ③

① ⑥ ①

STRUCTURAL CARBON STEEL PAY WTS. (1 POST) = K+ (POST LENGTH X POST WT.)
" K " INCLUDES STUB, BASE PLATES, STIFFS., BOLTS, AND WASHERS.

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 6/30/14 PLATE NO. A3-1.15

NO.	DATE	REVISION
⑩	1-21-14	LUBRICATION OF BASE BOLTS
⑨	4-26-11	REMOVE NON-GALVANIZED
⑧	10-30-96	NOT GALVANIZED/GALVANIZED
⑦	10-30-92	QUANT., A588 EXCEPT., ADD SLOT VIEW
⑥	8-24-87	BASE CONN. WELD
⑤	10-13-81	BASE CONN. WELD & FUSE PL WASHERS
④	10-19-79	POST A & B, A572 GR. 50, & K
②	11-28-78	"K" ③ 4-23-79 TYPE "E"
①	5-4-78	T_1 , T_2 & W_1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

TYPE A, B, C, D, & E

CONST. SPEC. 2011	DRAWN BY JPH	PLANS CK'D.

FTG. & SIGN SUPPORT DETAILS GROUND MOUNT BREAK-AWAY SIGNS

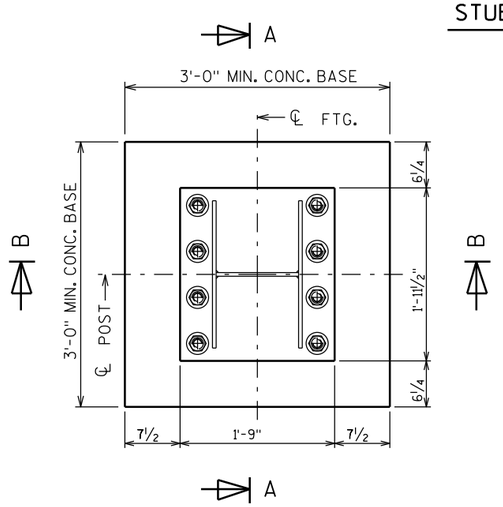
SHEET 279

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

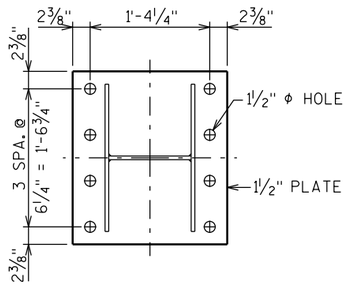
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A31.DGN PLOT DATE : 30-JUN-2014 10:43 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 5.351066:1.000000

WISDOT/CADDS SHEET 42

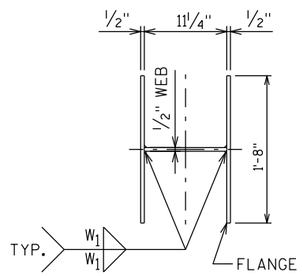
STUB AND MASONRY ANCHOR DETAILS



STUB SECTION



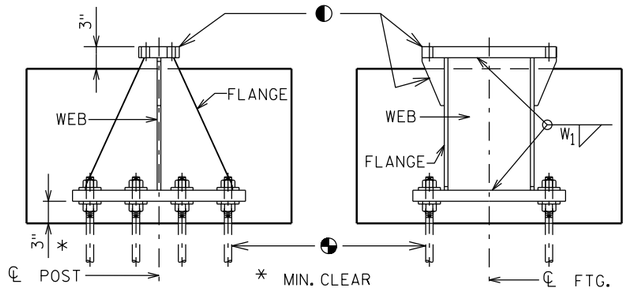
BASE PLATE



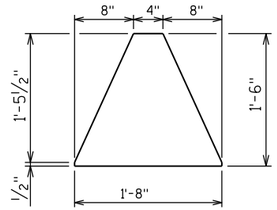
STUB

◐ SEE PLATE NO. A3-1 FOR DETAILS

◒ MASONRY ANCHORS TYPE S 1¼-INCHES (ADHESIVE). ALLOWABLE PULL OUT CAPACITY 14,995 KIPS. EMBED 1'-3" IN ROCK.



SECTION A SECTION B



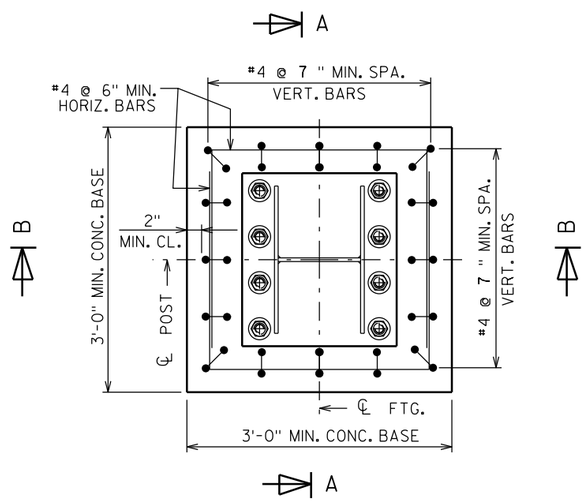
FLANGE

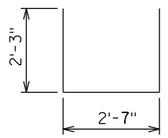
GENERAL NOTES

1. Quantities per Base:
   - REINFORCING BAR STEEL = 62 LBS
   - CONCRETE = 0.6 C.Y.
   - STEEL WEIGHT = 335 LBS
2. All materials, except anchor rod, nuts and washers, are to be A.S.T.M. A709 grade 50. All materials to be galvanized after fabrication.
3. If the contractor encounters rock before reaching the footing depth, per the A3-1 Sign Detail, determine the pull-out capacity of a test adhesive anchor installed in the rock. If the test result equals or exceeds the pull-out capacity of 14,995 KIPS, the contractor may install the breakaway stub for rock, according to this detail.

CONCRETE BASE AND REINFORCING STEEL DETAILS

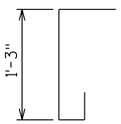
CONCRETE BASE SECTION





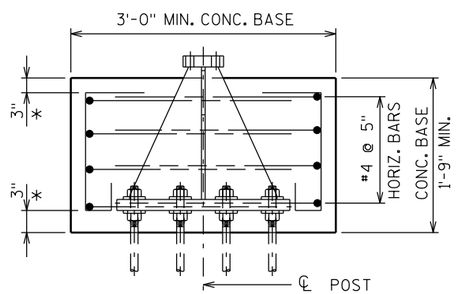
HORIZONTAL BAR

8 BARS @ 6'-11" LENGTH



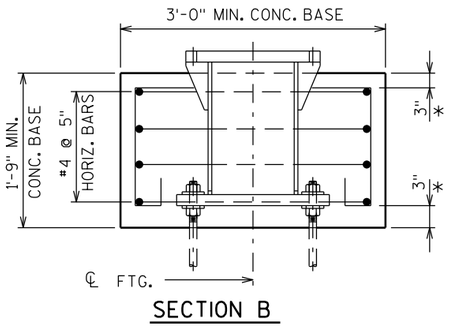
VERTICAL BARS

16 BARS @ 2'-4" LENGTH
MAY BE PLACED IN SKEW
FOR CLEARANCE NEED



SECTION A

* MIN. CLEAR



SECTION B

ALTERNATE BREAK-AWAY BASE ON ROCK
A3-1M

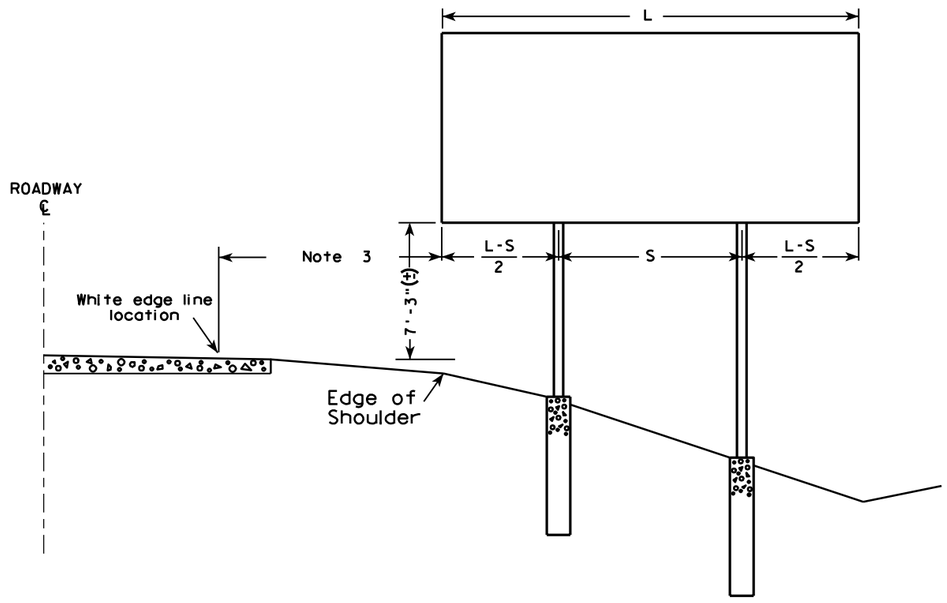
WISCONSIN DEPT OF TRANSPORTATION

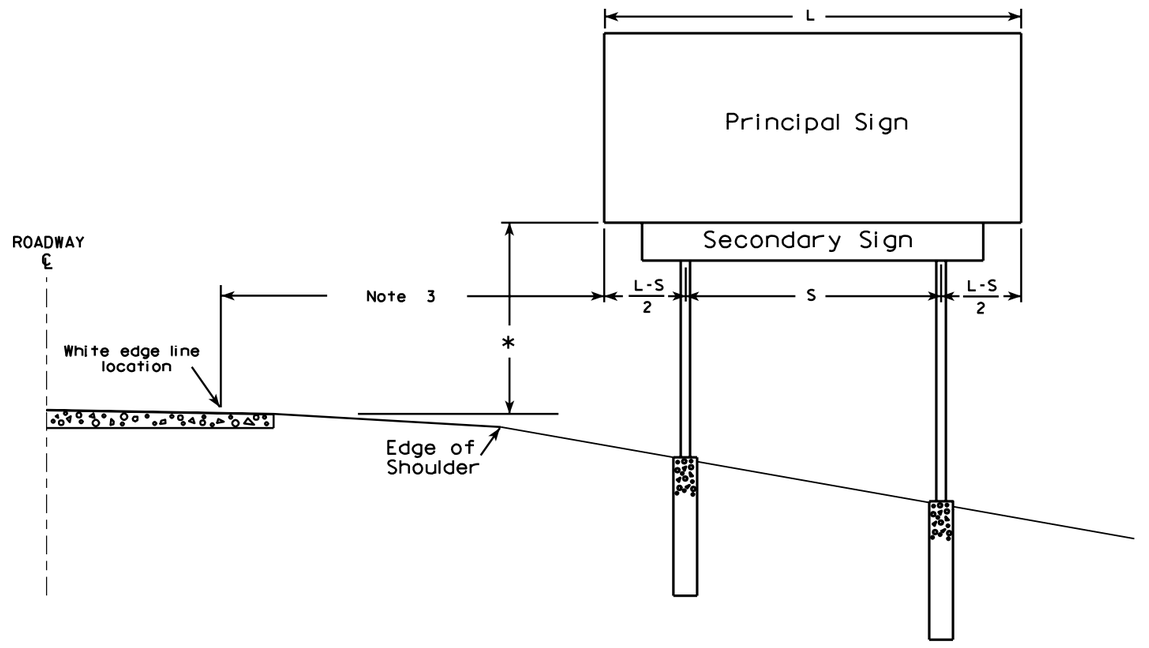
APPROVED Matthew R Rauch for State Traffic Engineer

DATE 2/06/2014 PLATE A3-1M.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A31M.DGN PLOT DATE : 10-MAR-2014 15:16 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 1.556674:1.000000 WISDOT/CADDS SHEET 42





GENERAL NOTES

1. For a 2 post installation, S equals 3L/5, but shall not be less than 9 ft.
2. For a 3 post installation, S equals 5L/7, but shall not be less than 18 ft., and the space between any two posts shall not be less than 9 ft.
3. Unless noted in the plan, the sign offset distance shall be a minimum of 17'-6", desirable 30'-0".
4. The (±) tolerance shown on this sheet is 3 in.
5. The vertical sign height clearance detailed is measured from the bottom of the sign to the near edge of pavement.
6. Post lengths shown in the miscellaneous quantities are estimated lengths. The contractor shall verify post lengths at the time of final grading.
7. Refer to the Traffic Guidelines Manual for further guidance on minimum vertical clearance requirements.

* Clearance is 8'-3"(±) when the secondary sign is 3 ft. or less in height. For secondary signs larger than 3 ft., the clearance to the bottom of the secondary sign shall be 5'-3"(±).

7

7

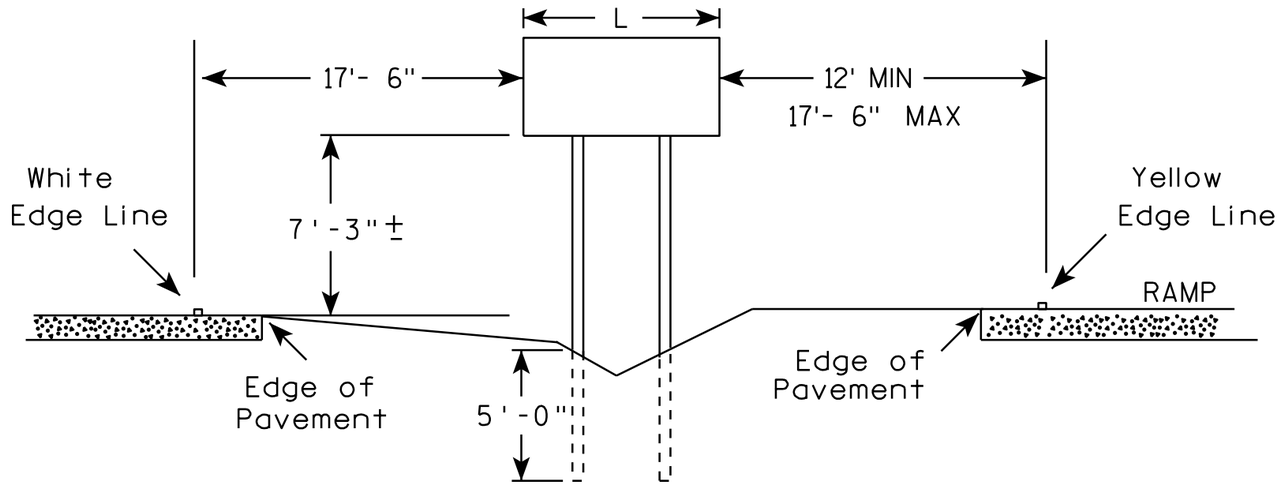
TYPICAL INSTALLATION OF TYPE I SIGNS

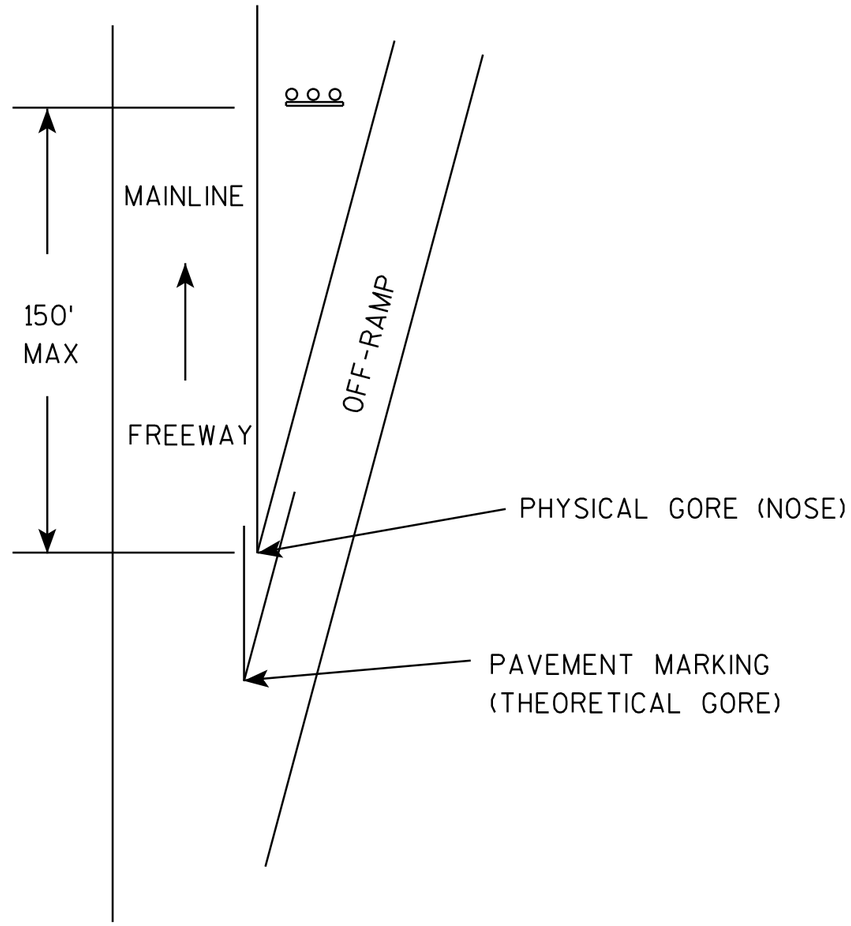
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/02/08 PLATE NO. A4-1.9

PROJECT NO:				SHEET NO: 281	E





GENERAL NOTES

1. The 150 foot distance from the physical gore (where pavement ends) will normally provide the offsets as shown.
2. If roadway geometrics permit, the sign may be closer than the 150 foot distance as long as the offsets are maintained.
3. At no time shall the location be greater than 150 feet. If the normal offsets cannot be maintained, they can be reduced to 6 feet from the edge of the paved shoulder (both freeway and ramp).
4. The offset from edge of sign to the yellow edge line on the ramp is shown as a minimum of 12 feet and a maximum of 17 feet, 6 inches. Preference is adhering to the maximum rather than the minimum dimension.
5. When L is equal to or exceeds 10 feet, use 3 posts as per A4-4.
6. The (∓) tolerance for the mounting height is 3 inches.

7

7

TYPICAL INSTALLATION
OF TYPE II SIGNS ON
WOOD POSTS IN GORE

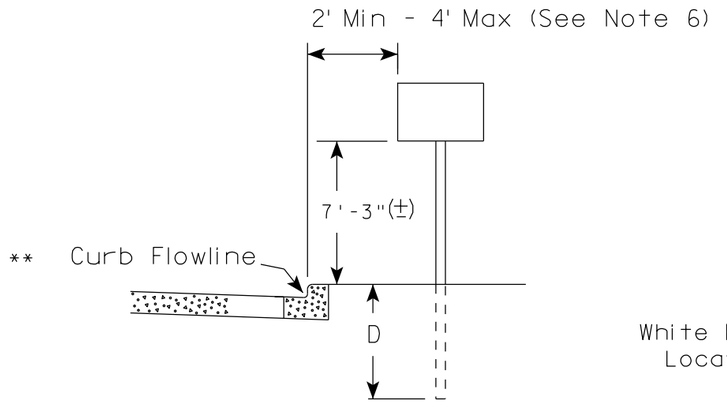
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

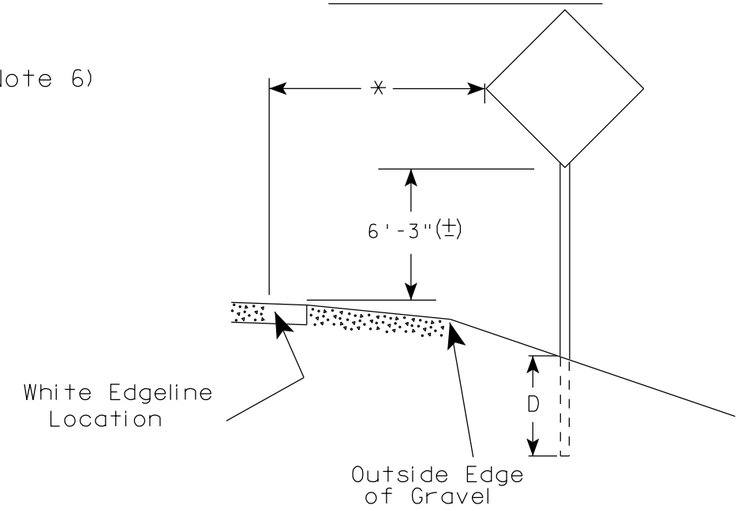
DATE 2/06/14 PLA 282 A4-2.3

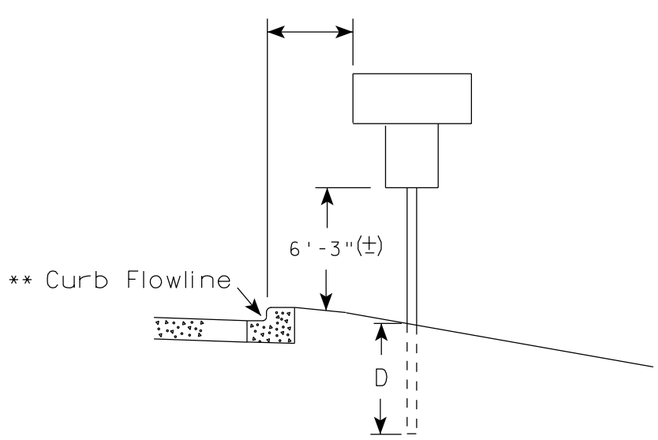
PROJECT NO: | SHEET NO: E

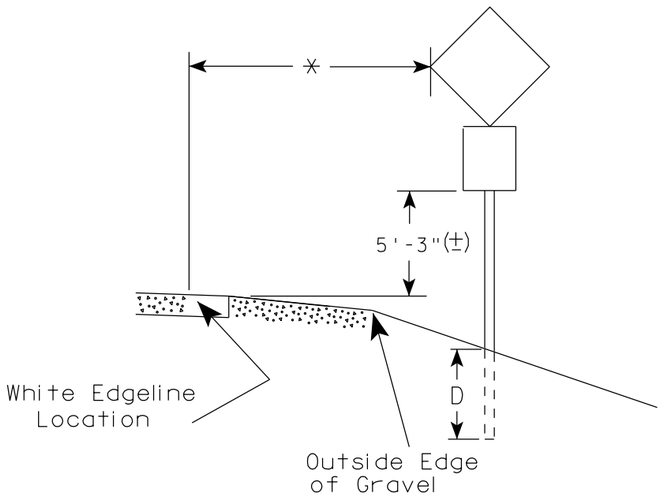
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on barrier wall, see A4-10 sign plate.
3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. Minimum mounting height for J assemblies (A2-1S) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
5. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. The (±) tolerance for mounting height is 3 inches.
8. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.
9. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±).

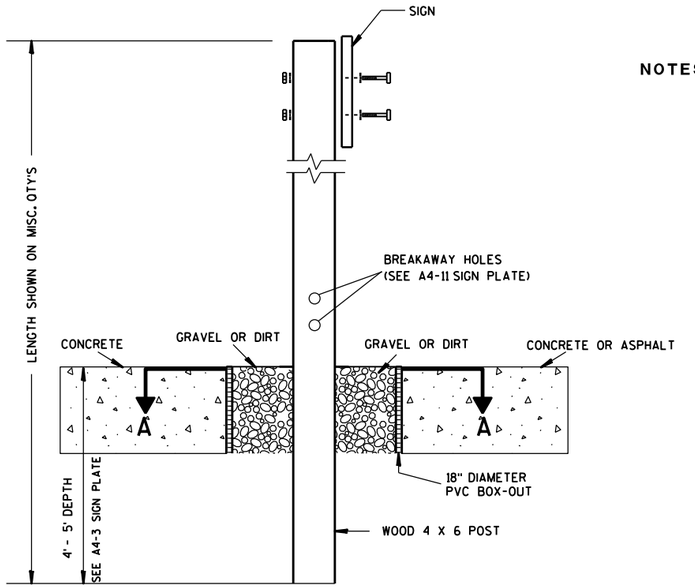
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/23/15 PLATE NO. A4-3.20

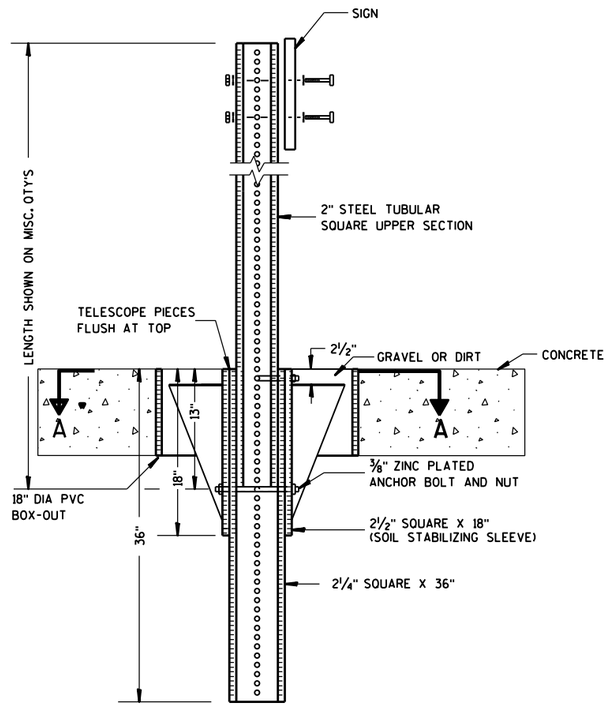
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



ELEVATION VIEW

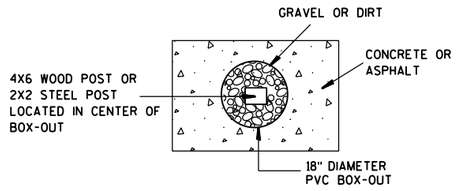
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

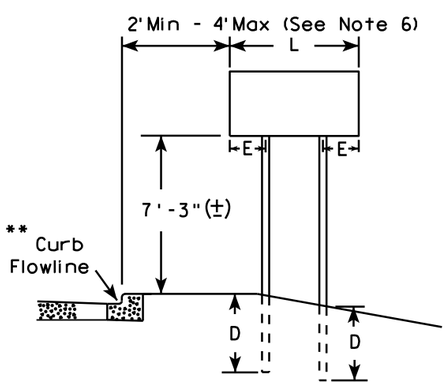
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

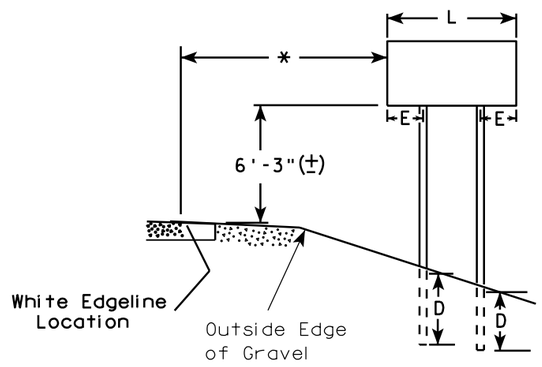
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

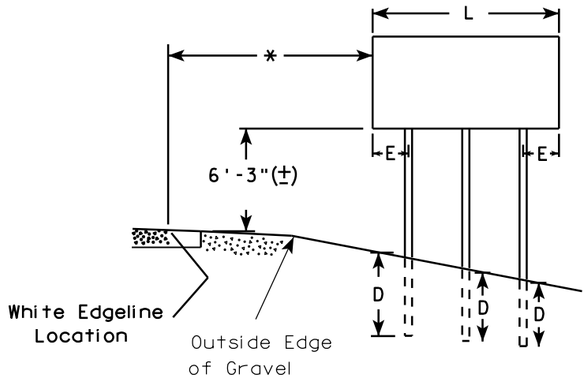
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

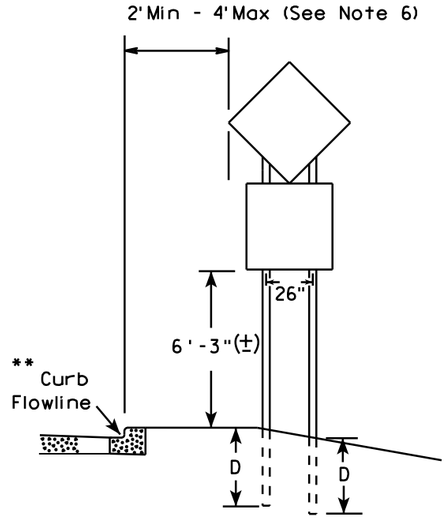
URBAN AREA



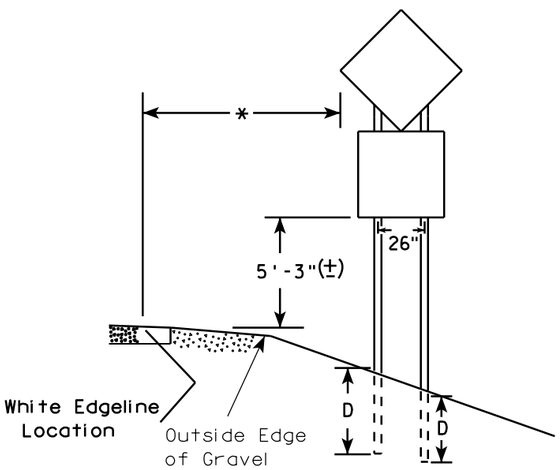
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. Minimum mounting height for J assemblies (A2-1S) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)	
L	E
Greater than 48" Less than 60"	12"
60" to 120"	L/5

***

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 120" less than 168"	12"

SIGN SHAPE OTHER THAN DIAMOND (FOUR POSTS REQUIRED)	
L	E
168" and greater	12"

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

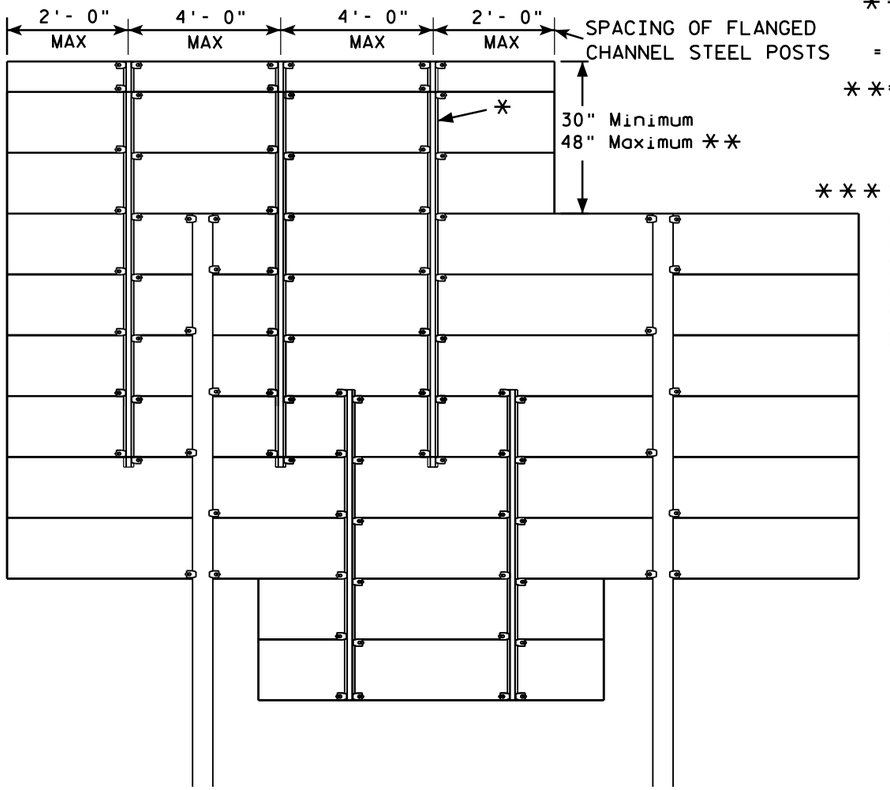
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/23/15 PLATE NO. A4-4 285 14

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

GROUND MOUNTED SIGN

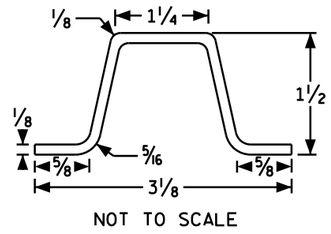


* =2.00 lb/ft FLANGED CHANNEL, MIN. YIELD STRENGTH = 60,000 PSI (GRADE 60) GALVANIZED

** =FOR 48" HEIGHT PANELS ON OVERHEAD STRUCTURES, ENTIRE SIGN SHALL BE CENTERED VERTICALLY ABOUT THE DEPTH OF THE TRUSS.

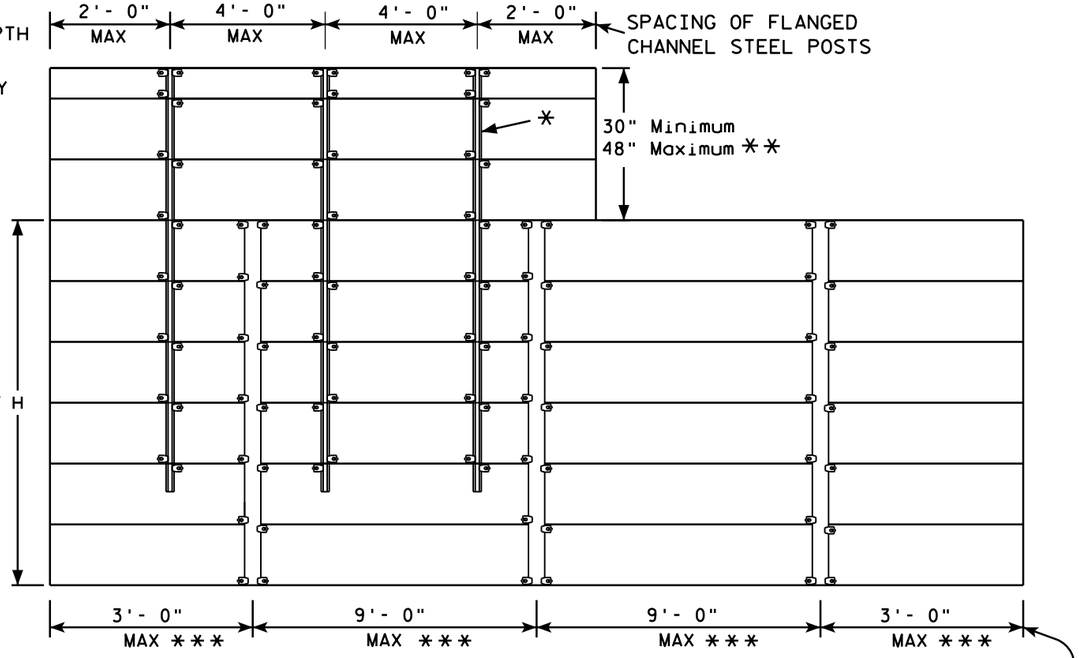
*** THESE SPACING DISTANCES SHALL ONLY BE USED WHEN THE MAIN SIGN HAS A MAXIMUM HEIGHT (DIMENSION H) OF 16 FT OR LESS. FOR SIGNS WITH A HEIGHT OF GREATER THAN 16 FT, STRUCTURAL CALCULATIONS SHALL BE PERFORMED.

FLANGE CHANNEL DETAIL



NOT TO SCALE

SIGN BRIDGE MOUNTED SIGN



GENERAL NOTES

1. Flanged channel steel posts shall conform to size and material above, and shall be considered as incidental to other items in the contract.
2. Number of Flanged channel steel supports varies with length of panel and shall be spaced as shown:

   PANEL LENGTH 8'-0" OR LESS = 2 CHANNELS
   PANEL LENGTH 9'- 0" - 12'- 0" = 3 CHANNELS
   PANEL LENGTH 13'- 0" OR MORE = 4 CHANNELS

   If the flanged channel steel posts can not be horizontally spaced as shown, they can be moved so as to securely hold the sign.
3. The EXIT NUMBER PANEL shall normally be positioned above the guide sign aligned with the right edge of the guide sign. If the guide sign indicates a left exit, the EXIT NUMBER PANEL shall be aligned with the left edge of the guide sign.
4. If the bolt holes in the top panel (EXIT NUMBER), or sub panel (NEXT EXIT) line up with holes in main sign panel, stitch bolts shall be used in addition to the channels.
5. Provide post clips for each sign as shown. (Please note the differences between a ground mounted versus Sign bridge mounted sign as far as number of clips required on the main supports or beams)
6. Structural steel sign supports shall extend to the top of the main signs, as shown on the above details.

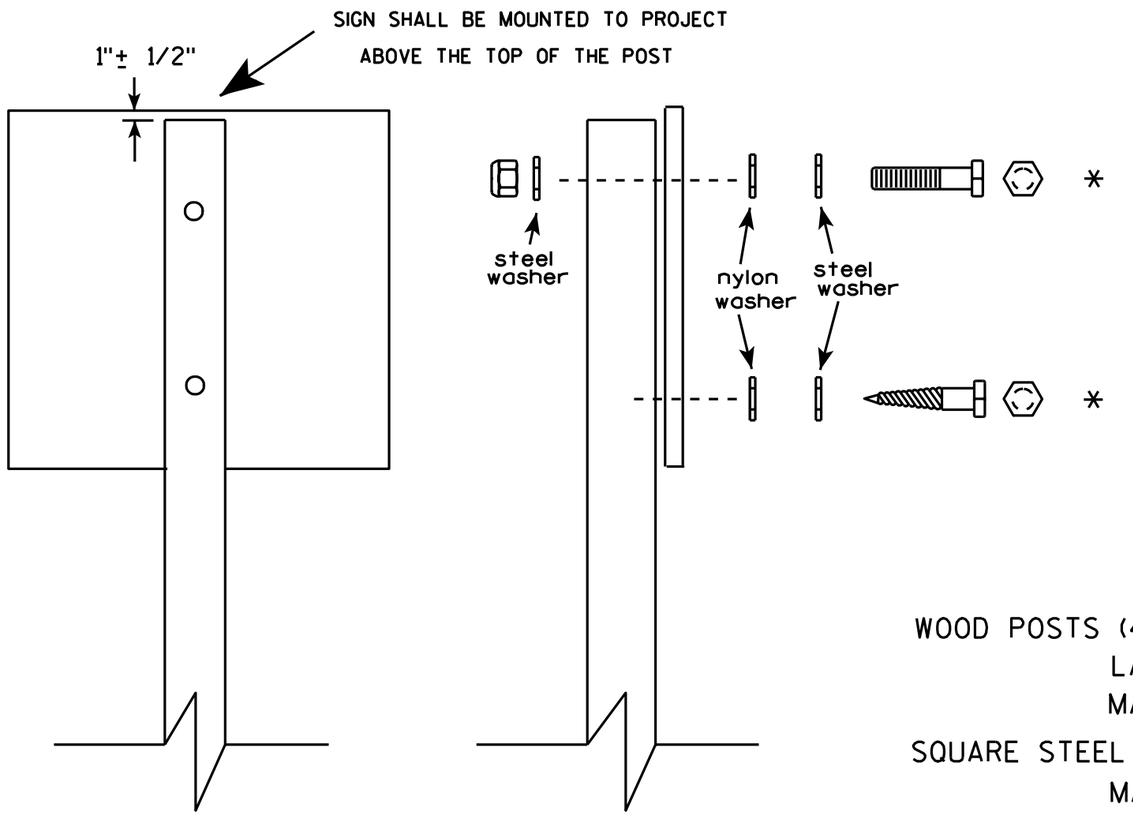
ATTACHMENT OF GUIDE SIGNS TO SUPPORTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/05/13 PLAT 286 A4-6.12

PROJECT NO: | SHEET NO: E



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

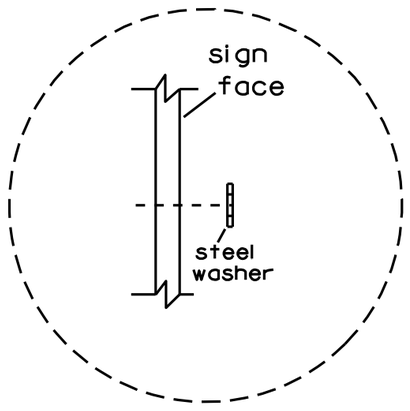
b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

WOOD POSTS (4" x 4" or 4" x 6")
LAG SCREWS - 3/8" X 3"
MACHINE BOLTS - 5/16" X 6-1/2" or 7" Length w/ nuts

SQUARE STEEL POSTS (2" x 2")
MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts
RIVETS - 9/32 " (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON for all Type H signs.



Washer Placement when Sign Has Other Than Type H or Type F Face

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/23/10 PLATE NO. A4-8.7

7

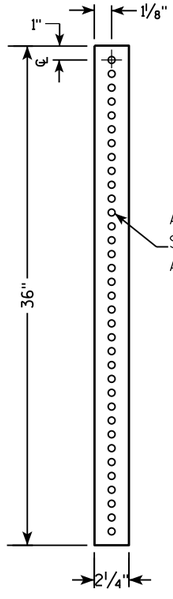
7

PROJECT NO:

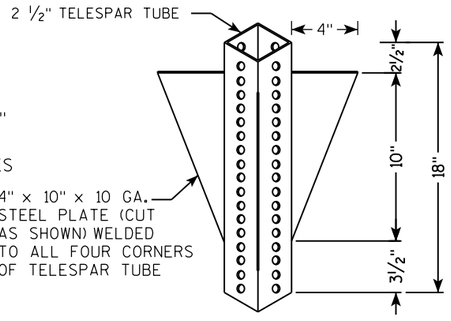
SHEET NO: 287 E

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

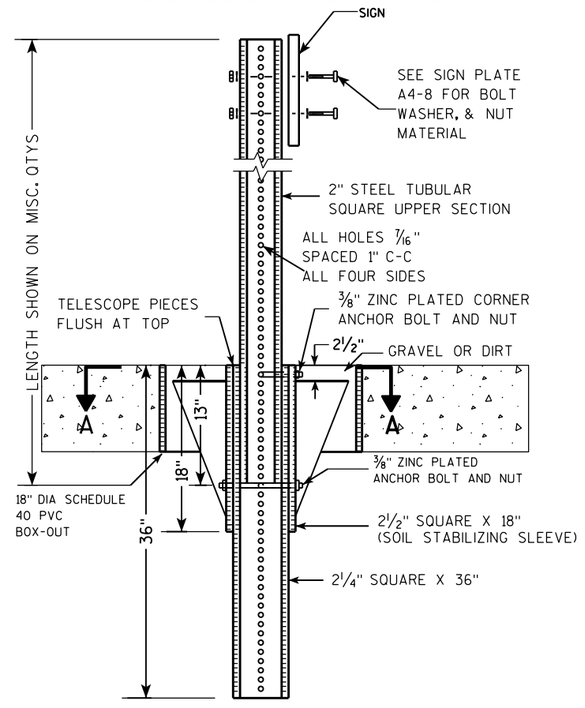
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



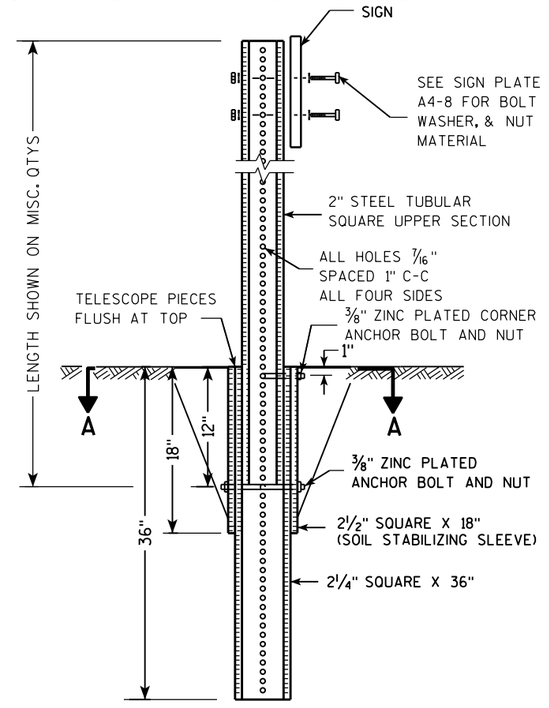
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

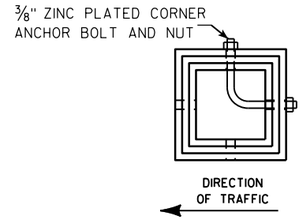


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

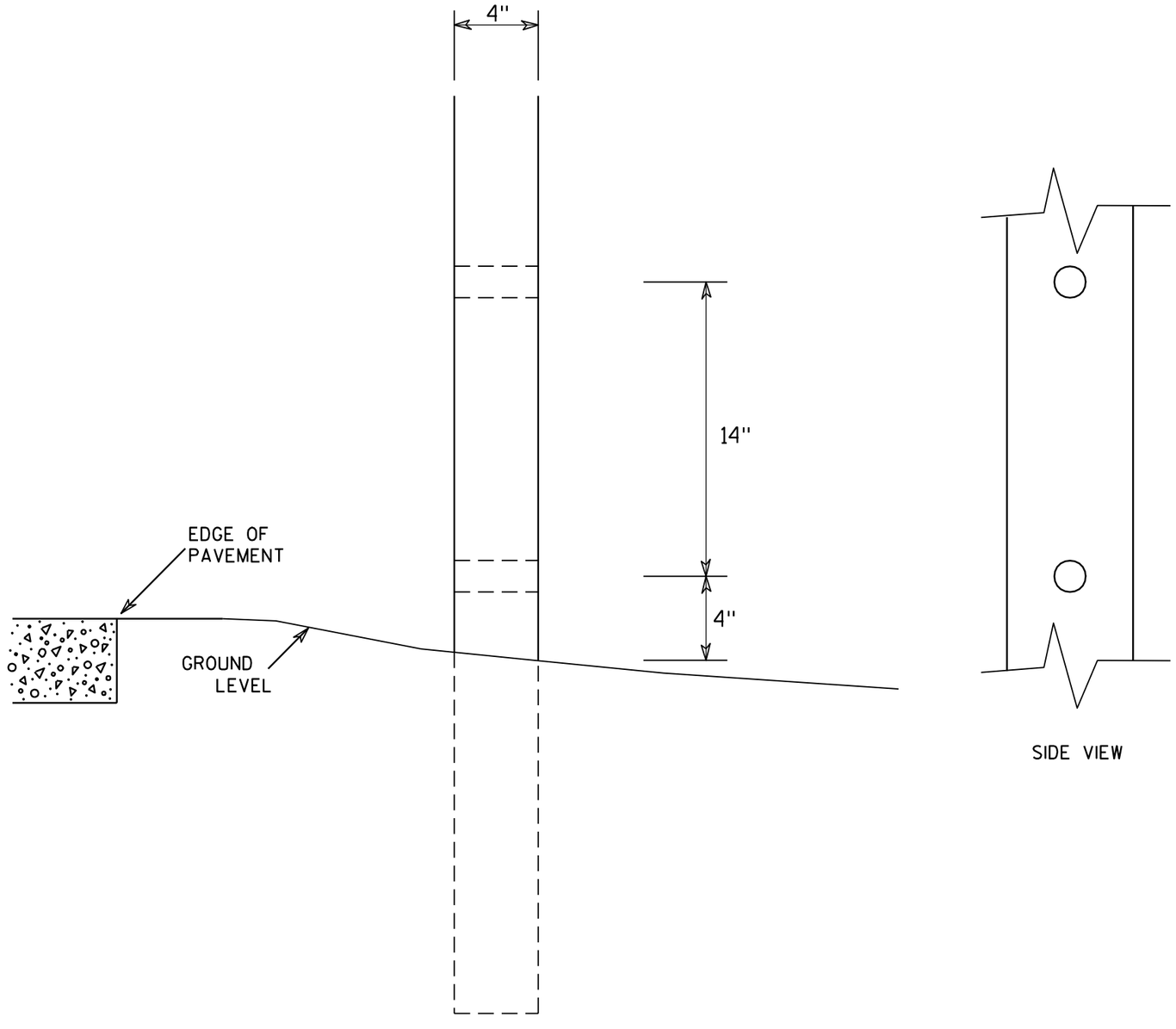
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 288 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

7

4 X 6 WOOD POST MODIFICATIONS

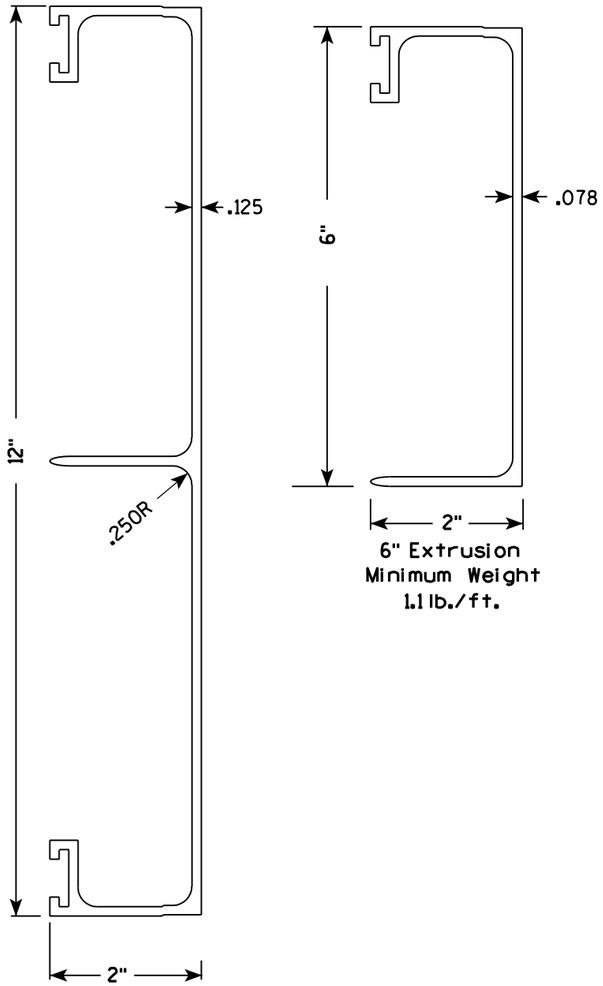
WISCONSIN DEPT OF TRANSPORTATION

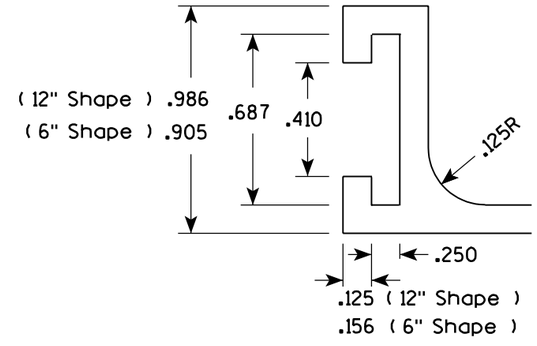
APPROVED Chester J Spang for State Traffic Engineer

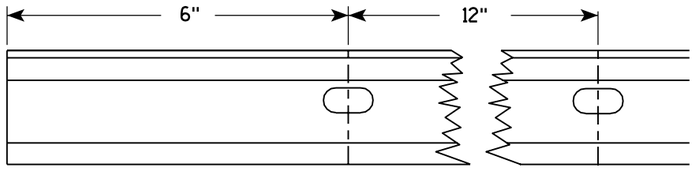
DATE 3/27/97 PLATE NO. A4-11.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 289	E

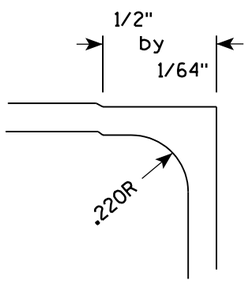
Extruded Shape







Punch 7/16" x 7/8" oval holes beginning 6" in from end of extrusion 12" CC on both edges of 6" and 12" panels.

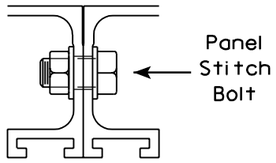


Hardware

STITCH BOLT, WASHER & NUT

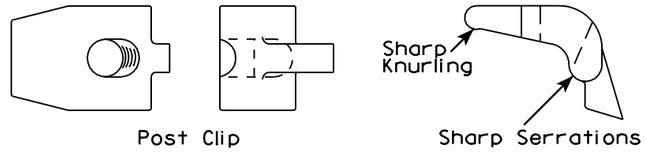
The hardware includes:

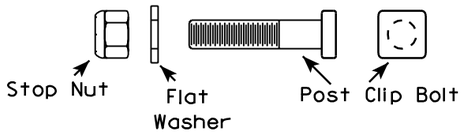
3/8 " - 16 X 3/4 " Economy Bolt 2024-T4 alloy
3/8 " - Stainless steel stop nut
3/8" X .064 Flat Washers, Alclad 2024-T4 alloy



POST CLIP, POST CLIP BOLT, WASHER & NUT

Post Clip shall be Alum. Alloy 356-T6
Post Clip Bolt shall be Stainless Steel.
Flat washer shall be 3/8" X .091, Stainless Steel.
Stop nut shall be stainless steel.





NOTES

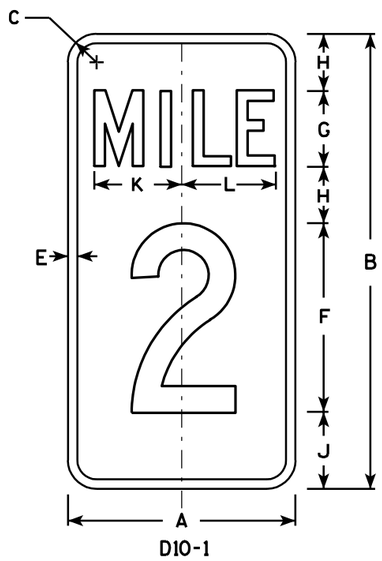
1. The contractor may select any brand of extrusion that conforms to the illustrations or meets with the approval of the engineer, but all extrusions used on this contract shall be of the same brand.
2. Panel Stitch Bolts shall be used to assemble adjacent panels. Maximum stitch bolt spacing shall be 24" C-C, and a minimum of 4 bolts shall be used to connect any two extrusions.
3. Post Clips shall be used to attach the sign panel to the sign support.

ALUMINUM EXTRUSIONS FOR TYPE I SIGNS

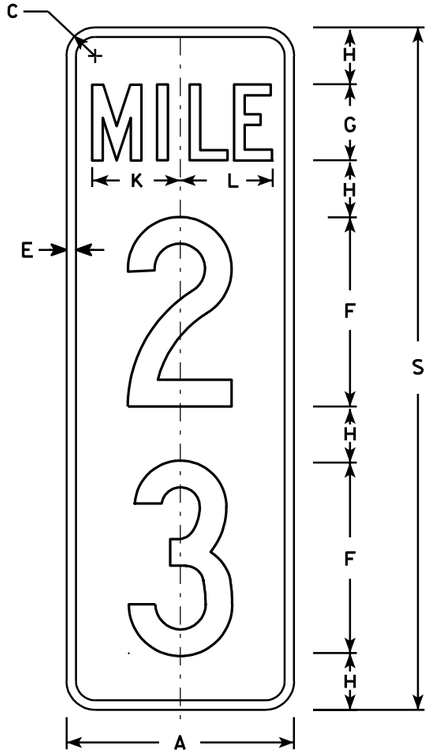
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang
for State Traffic Engineer

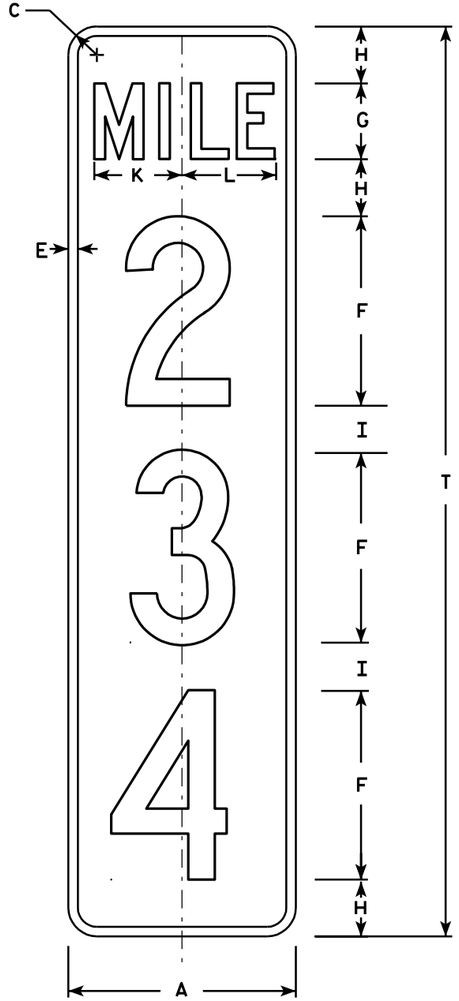
DATE 11/18/99 PLATE NO. A5-2.9



D10-1



D10-2



D10-3

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Green
   Message - White - Type H Reflective
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Optically adjust numerals about the centerline of the sign to achieve proper balance.

Metric equivalent for this sign is:

PHY. SIZE	
12 X 24	300 mm X 600 mm
12 X 36	300 mm X 900 mm
12 X 48	300 mm X 1200 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1																										
2																										
3																										
4	12	24	1 ½		½	10	4	3	2 ½	4	4 ⅝	4 ⅞							36	48						
5	12	24	1 ½		½	10	4	3	2 ½	4	4 ⅝	4 ⅞							36	48						

D10-1	D10-2	D10-3
Area sq. ft.	Area sq. ft.	Area sq. ft.
2.0	3.0	4.0
Area m2	Area m2	Area m2
.19	.28	.38

STANDARD SIGN
D10-1 , D10-2 & D10-3

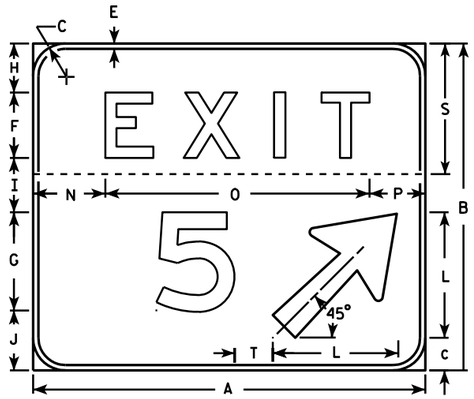
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for Director, Office of Traffic

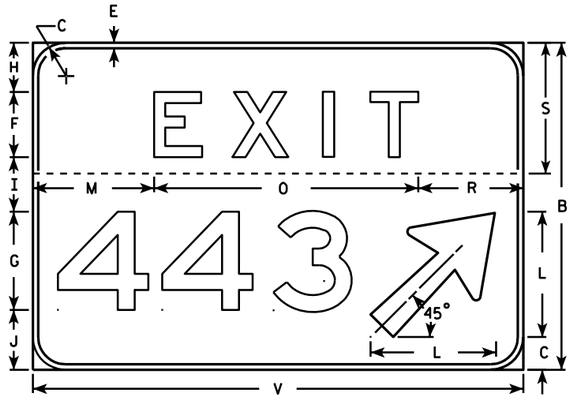
DATE 1/16/02 PLATE NO. D10-3.2

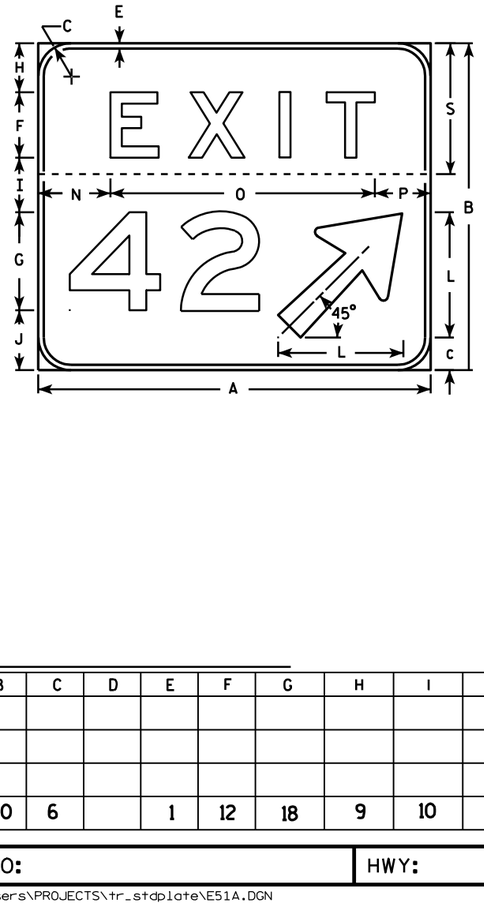
PROJECT NO:

SHEET NO: 291 E



NOTE: T diminision shall be measured from the back of the number to the front of the arrow





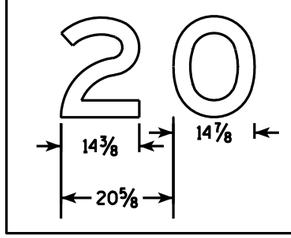
NOTES

1. Sign is Type II - Type H reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Green
   Message - White (Type H reflective)
3. Message Series - E
4. Corners may be square or rounded but the border shall be rounded as shown.
5. Base material for this sign shall be plywood and shall be split into two seperate pieces as shown on each detail by the dashed line (----------).
6. Arrow is Type "A" from sign plate A1-1.
7. Substitute appropriate message, space per the table and adjust placement on sign to achieve proper balance.
8. As per the Standard Spec's, these signs shall not have a vertical joint.

SPACING CHART FOR 18" NUMERALS

NUMBERS	WIDTH	0	1	2	3	4	5	6	7	8	9	A	B	C
0	14 7/8	21 5/8	21 5/8	21 1/4	20 3/8	21 1/4	21 1/4	21 5/8	19 7/8	22 1/8	21 5/8			
1	5 7/8	14	14	14	13 1/8	12 1/8	14	14	12 1/4	14	14			
2	14 3/8	20 5/8	21 1/8	20 5/8	19 3/4	20 1/4	20 5/8	20 5/8	18 7/8	21 1/8	20 5/8			
3	14 3/8	20 3/4	21 1/8	20 3/4	20 1/4	19 3/4	20 3/4	20 3/4	19 3/8	21 1/8	20 3/4			
4	16 5/8	22 7/8	22	22 1/2	21 5/8	21 5/8	22 7/8	22 7/8	20 5/8	23 3/8	22 7/8			
5	14 1/4	20 5/8	20 5/8	20 1/8	18 3/4	18 3/4	20 5/8	20 5/8	18 3/8	20 5/8	20 5/8			
6	14 1/2	21 1/4	20 3/4	20 3/4	19 7/8	19 1/2	20 3/8	20 3/4	19	20 3/4	20 3/8			
7	14 3/8	19 3/4	19 3/4	20 1/4	19 3/4	17	19 3/4	20 5/8	18 7/8	20 5/8	19 3/4			
8	14 1/4	21 1/2	21 1/2	20 5/8	19 1/4	19 3/4	20 5/8	21 1/2	19 5/8	21 1/2	20 5/8			
9	14 1/2	21 1/4	21 1/4	20 7/8	20	20 7/8	20 7/8	21 1/4	19 1/2	21 3/4	21 1/4			
A	18	19 3/4	19 3/4	20 1/4	19 3/4	17	19 3/4	20 5/8	18 7/8	20 5/8	19 3/4	21 5/8	23 7/8	23
B	14 1/4	21 1/2	21 1/2	20 5/8	19 1/4	19 3/4	20 5/8	21 1/2	19 5/8	21 1/2	20 5/8	19 1/2	22 3/8	21 1/2
C	14 1/4	21 1/4	21 1/4	20 7/8	20	20 7/8	20 7/8	21 1/4	19 1/2	21 3/4	21 1/4	18 3/8	21	19 3/4

EXAMPLE FOR USING SPACING CHART



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z
2																										
3																										
4																										
5	72	60	6		1	12	18	9	10	11	8 7/8	23	22 1/4	13 1/4	48 1/2	10 1/4		19 1/4	24	7		90		96	7 1/2	

1-2 Digit Bid Area	3 Digit Bid Area
Sq. Ft.	
30	37.5

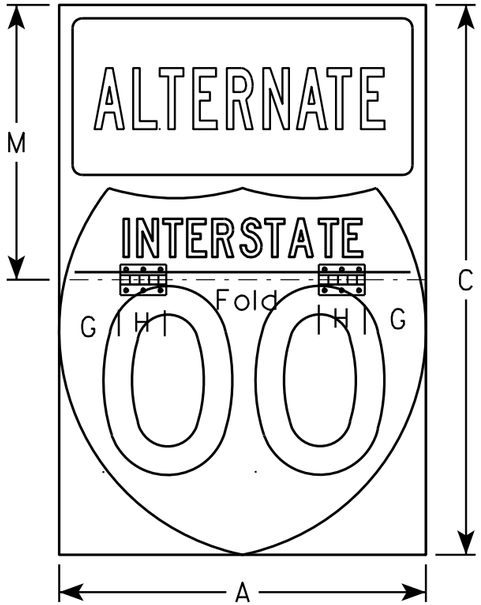
STANDARD SIGN E5-1A

WISCONSIN DEPT OF TRANSPORTATION

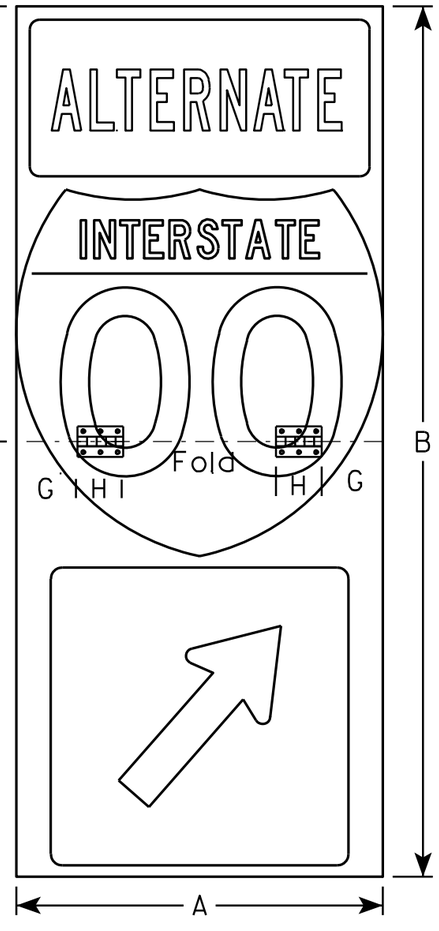
APPROVED Matthew R Rauch for State Traffic Engineer

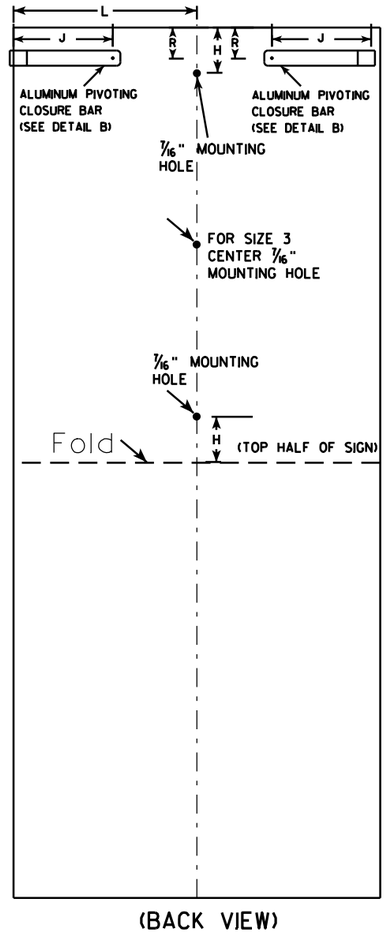
DATE 5/11/10 PLATE NO. E5-1A.12

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 292 | E



SIZE	Area sq. ft.
1	
2	6.0
3	13.5



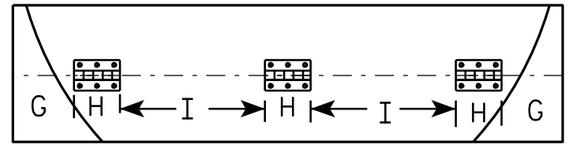


(BACK VIEW)

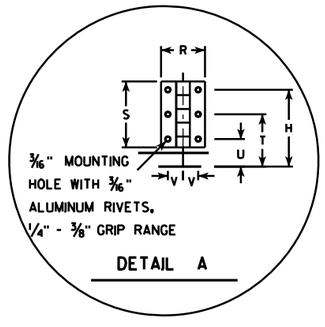
NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - *
   Message - *
3. Message Series - C
4. Sign Base Material shall be aluminum and borders shall be rounded.
5. All hardware used on the folding sign installation shall conform to 637.2.4 of the WIS DOT Standard Specification.
6. Size 3 shall have 3 hinges see detail below

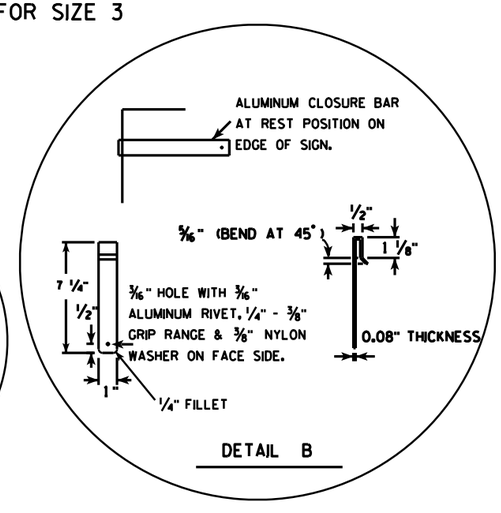
* See Appropriate Route Shield, Cardinals, Arrow, and A2-1S Sign Plates.



HINGE PLACEMENT FOR SIZE 3



DETAIL A



DETAIL B

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	57	36				4	3		6 1/2	28 1/2	12	18					2	3	2 5/8	1 1/4	11/16					9.5
3	36	81	54				4	3	9 1/2	6 1/2	40 1/2	18	27					2	3	2 5/8	1 1/4	11/16					20.25
4																											
5																											

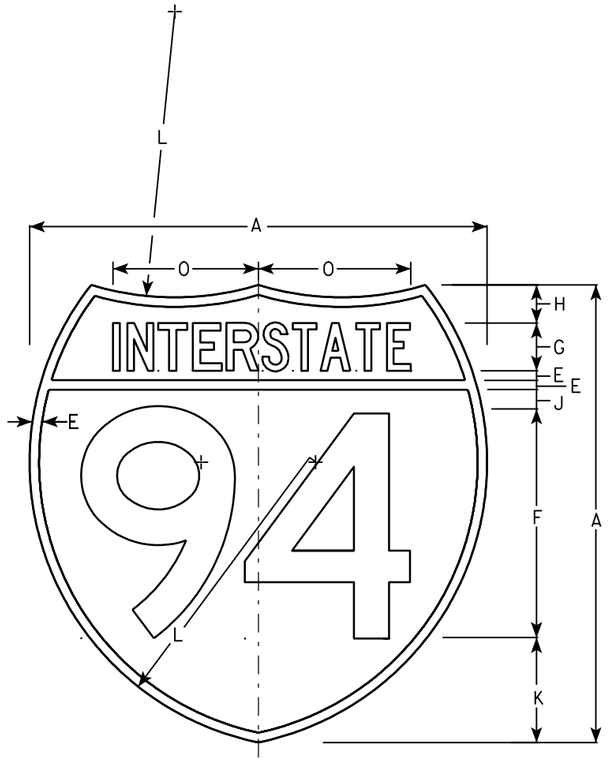
STANDARD SIGN
JV-F

WISCONSIN DEPT OF TRANSPORTATION

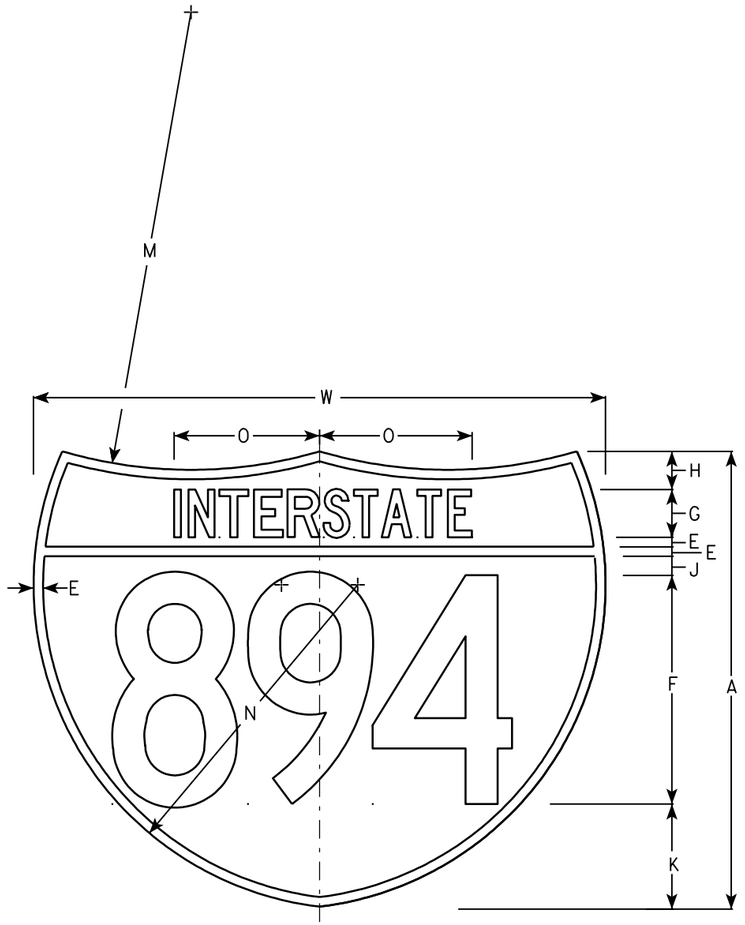
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/17/12 PLATE NO. JV-F.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 293 | E



M1-1



M1-1A

NOTES

1. Sign is Type II - See Note 6 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Top Red - Bottom Blue (See Note 6)
   Message - White - See Note 6
3. Message Series - See note 5
4. Substitute appropriate numerals & ajust spacing as per plate A10-1.
5. M1-1 - Numerals - D
   Interstate - C
   M1-1A - All copy - C
6. Permanent Signs
   Message - Type H Reflective
   Detour or other temporary signs
   Background - Reflective
   Message - Reflective

Metric equivalent for these signs are:

SIZE	M1-1	SIZE	M1-1A
1			
2	600 mm X 600 mm	2	600 mm X 750 mm
3	900 mm X 900 mm	3	900 mm X 1125 mm
4	900 mm X 900 mm	4	900 mm X 1125 mm
5	900 mm X 900 mm	5	900 mm X 1125 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	M1-1 Area sq. ft.	M1-1A Area sq. ft.	M1-1 Area m2	M1-1A Area m2
1																													
2	24				1/2	12	2 1/2	2		1	5 1/2	15	24	17	7 7/8								30			3.13	3.91	.36	.46
3	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79	.81	1.05
4	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79	.81	1.05
5	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79	.81	1.05

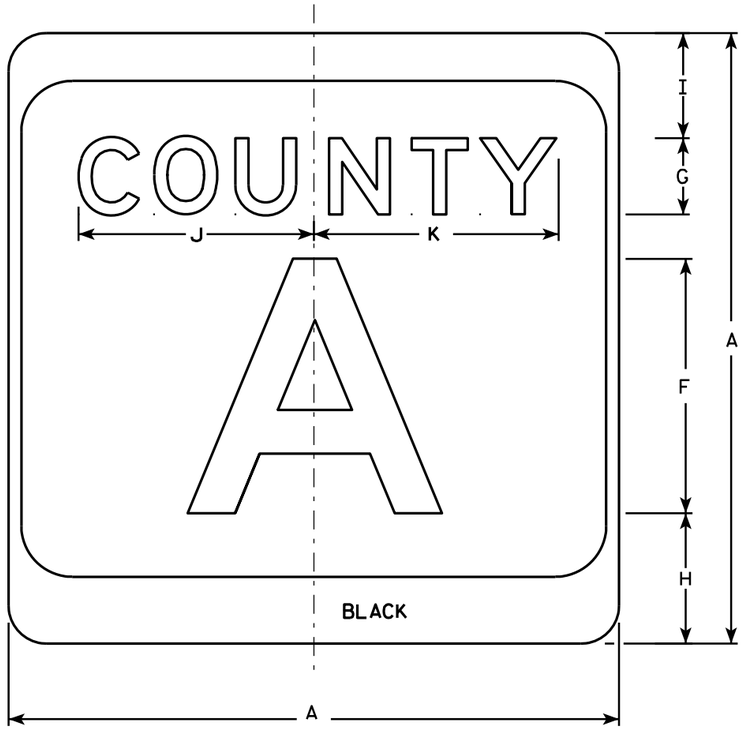
INTERSTATE ROUTE MARKER
M1-1 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

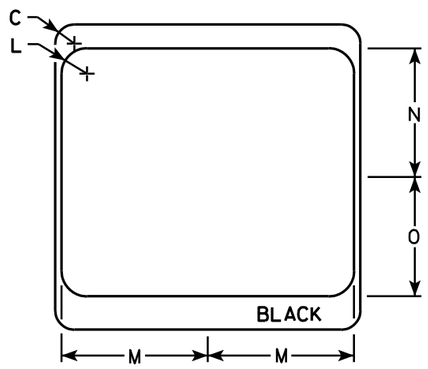
APPROVED Matthew R Rauch
for State Traffic Engineer

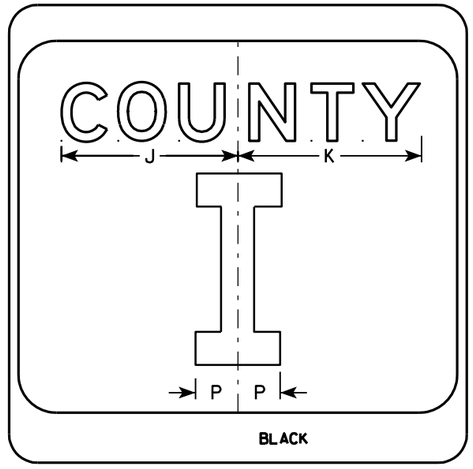
DATE 08/23/05 PLATE NO. M1-1.8

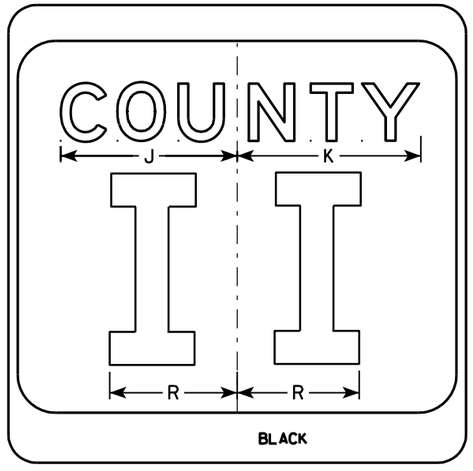
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 294	E



M1-5A







NOTES

1. Sign is Type II - see Note 7 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White & Black - See Note 7
   Message - Black
3. Message Series - see Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
6. Substitute appropriate letters & optically center to achieve proper balance.
7. Permanent Signs
   Background - Type H Reflective
   Detour or temporary Signs
   Background - Reflective

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

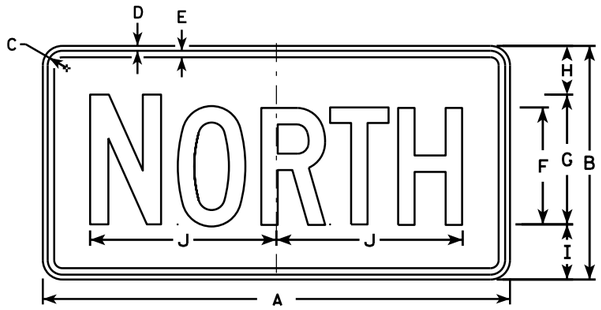
CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

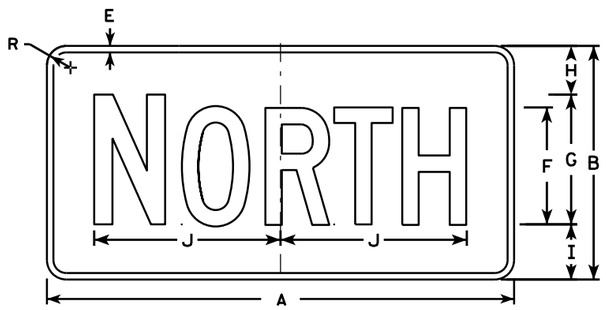
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/27/11 PLATE NO. M1-5A.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 295 | E



M3-1
MK3-1
MM3-1
MN3-1



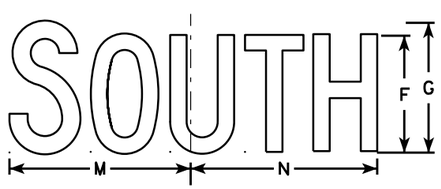
MB3-1



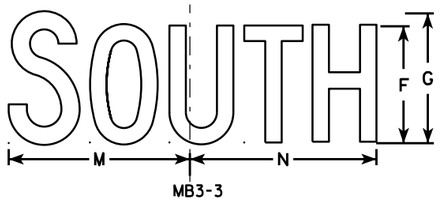
M3-2
MK3-2
MM3-2
MN3-2



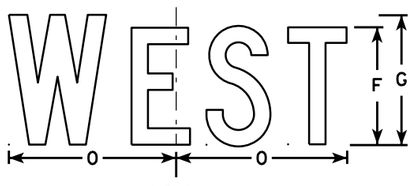
MB3-2



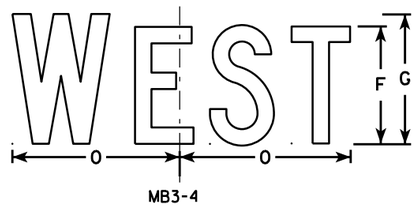
M3-3
MK3-3
MM3-3
MN3-3



MB3-3



M3-4
MK3-4
MM3-4
MN3-4



MB3-4

NOTES

1. All Signs Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
5	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5

STANDARD SIGNS
M3-1 thur M3-4
SERIES

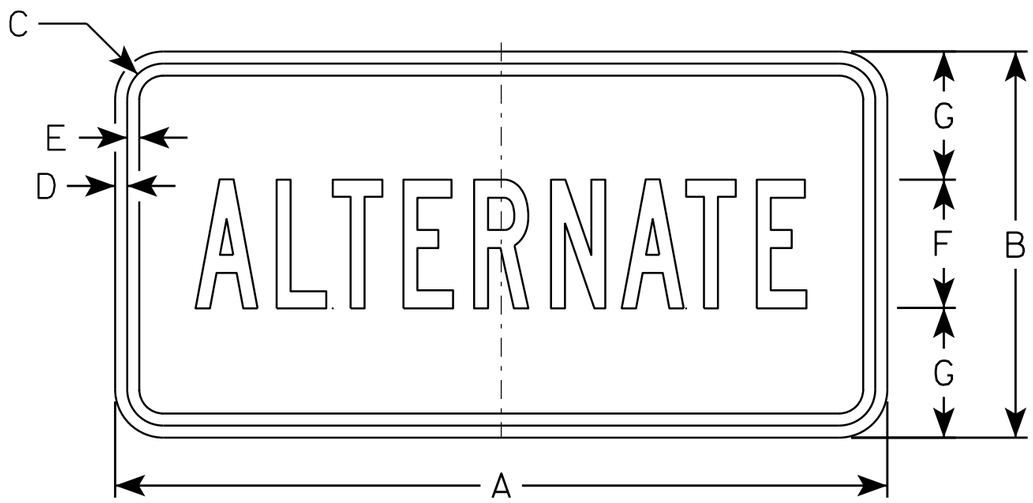
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

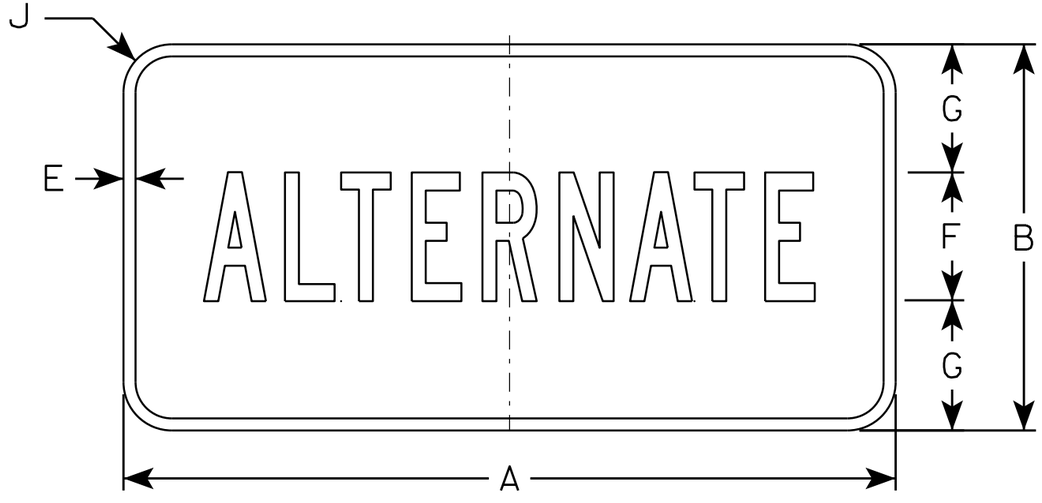
DATE 6/30/14 PLATE NO. M3-1.13

PROJECT NO: | HWY: | COUNTY: | | SHEET NO: E

7



M4-1
M04-1



MB4-1

NOTES

1. Sign is Type II - Type H except as Shown
2. Color:
   Background - See Note 5
   Message - See note 5
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-1 Background - White
   Message - Black

   MB4-1 Background - Blue
   Message - White

   M04-1 Background - Orange - Type F
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	4	4	9 3/4	9 1/2	1 1/2																	2.00
3	36	18	1 1/8	3/8	1/2	7	5 1/2	16 3/8	16 1/2	1 1/2																	4.5
4	36	18	1 1/8	3/8	1/2	7	5 1/2	16 3/8	16 1/2	1 1/2																	4.5
5	36	18	1 1/8	3/8	1/2	7	5 1/2	16 3/8	16 1/2	1 1/2																	4.5

STANDARD SIGN
M4-1

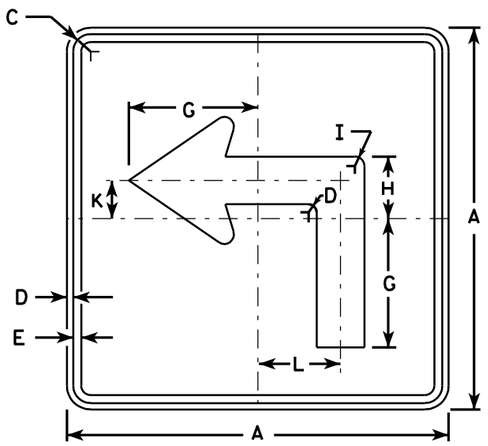
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

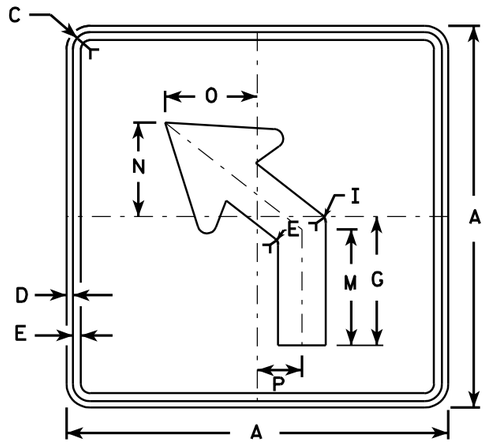
DATE 6/30/14 PLATE 14-1.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

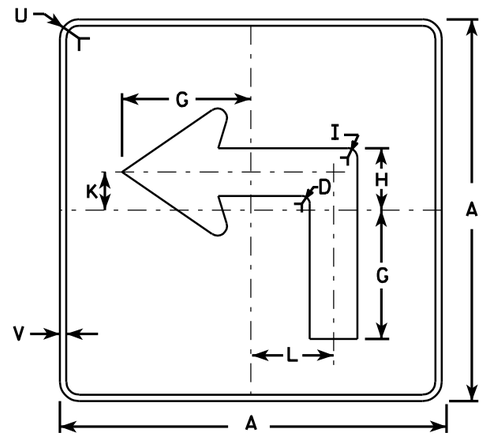
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\M41.DGN PLOT DATE : 30-JUN-2014 15:38 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 4.708937:1.000000 WISDOT/CADDS SHEET 42



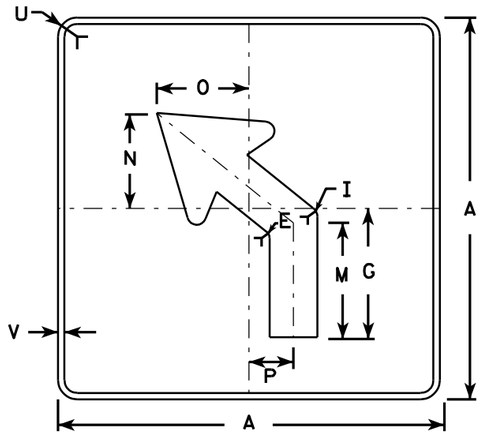
M5-1L
MK5-1L
MM5-1L
MO5-1L
MP5-1L
MR5-1L



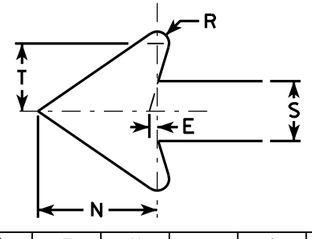
M5-2L
MK5-2L
MM5-2L
MO5-2L
MP5-2L
MR5-2L



MB5-1L
MG5-1L
MN5-1L



MB5-2L
MG5-2L
MN5-2L



NOTES

1. Signs are Type II - See Note 4 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White - Type H Reflective
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White - Type H Reflective
   MG5-1 and MG5-2 Background - Green
   Message - White - Type H Reflective
   MK5-1 and MK5-2 Background - Green
   Message - White Type H Reflective
   MM5-1 and MM5-2 Background - White - Type H Reflective
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White - Type H Reflective
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White - Type H Reflective
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow - Type H Reflective
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3	1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 1/8	4 1/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 1/8	4 1/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 1/8	4 1/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25

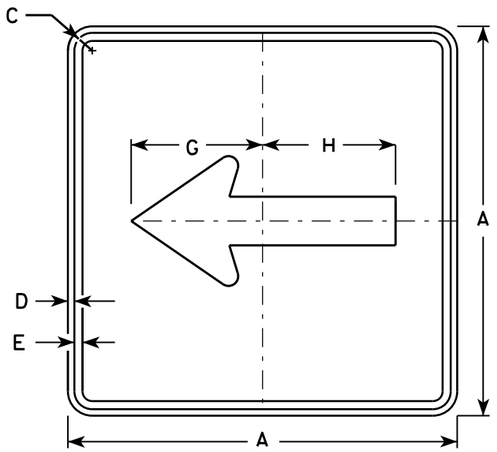
STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

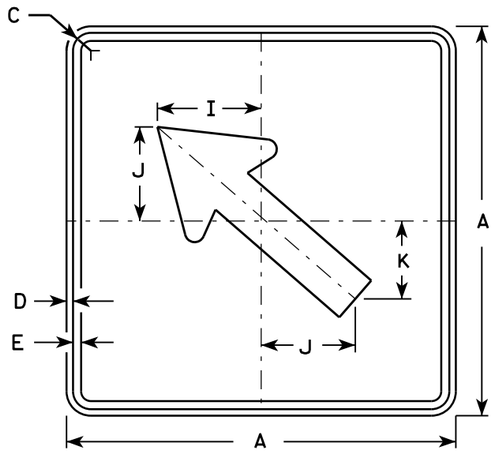
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/29/13 PLATE NO. M5-1.12

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 298 | E



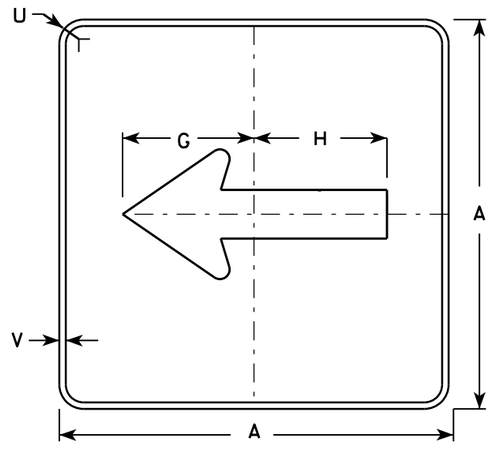
M6-1
MK6-1
MM6-1
MN6-1
MO6-1
MP6-1
MR6-1



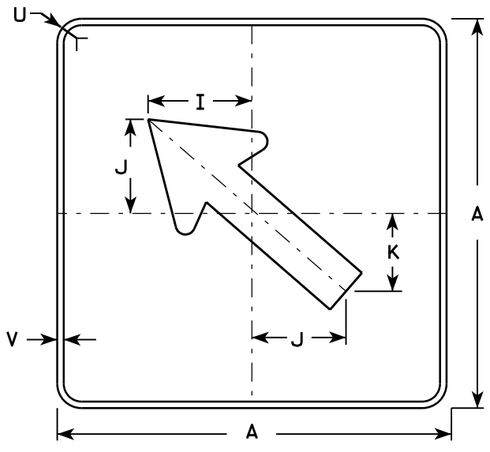
M6-2
MK6-2
MM6-2
MN6-2
MO6-2
MP6-2
MR6-2

NOTES

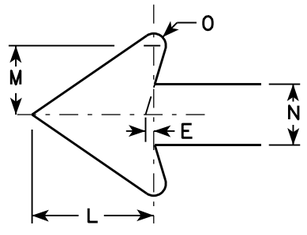
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MG6-1 and MG6-2 Background - Green
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow



MB6-1



MB6-2



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2						1 1/2	1/2						3.06
3	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
4	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
5	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25

STANDARD SIGN M6-1 & M6-2 SERIES

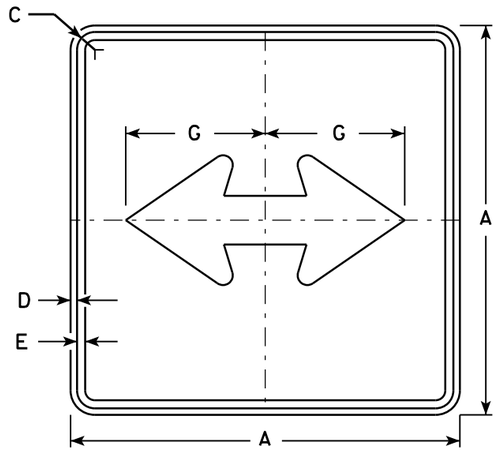
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

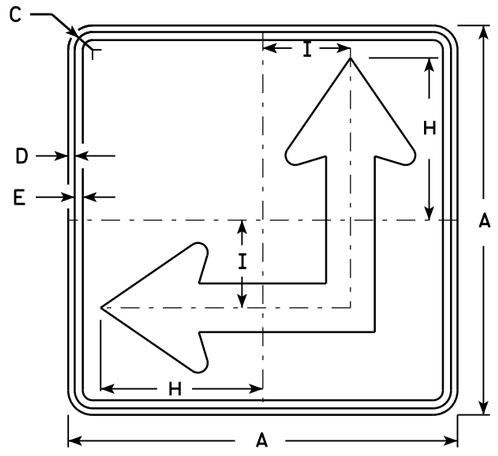
DATE 7/03/14 PLATE M6-1.14

PROJECT NO: | HWY: | COUNTY: | | SHEET NO: E

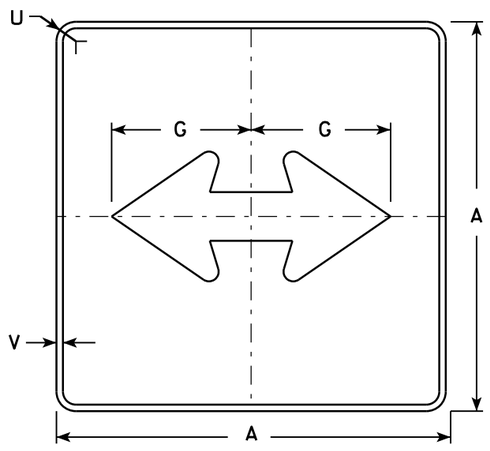
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\M61.DGN PLOT DATE : 03-JUL-2014 14:28 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 11.675051:1.000000
WISDOT/CADDS SHEET 42



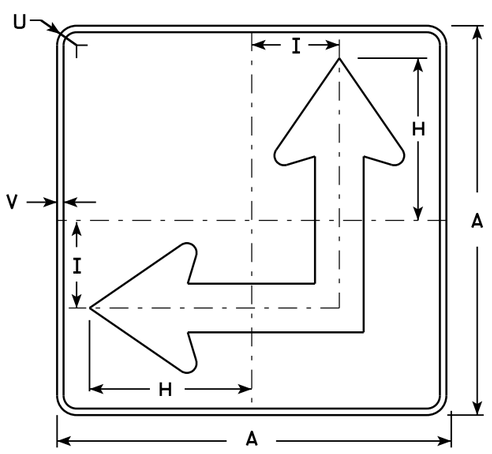
M6-4
MK6-4
MM6-4
MN6-4
MO6-4
MP6-4
MR6-4



M6-6
MK6-6
MM6-6
MN6-6
MO6-6
MP6-6
MR6-6



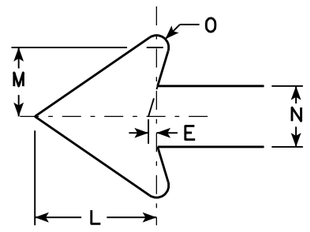
MB6-4



MB6-6

NOTES

1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See Note 4
   Message - See Note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-4 and M6-6 Background - White
   Message - Black
   MB6-4 and MB6-6 Background - Blue
   Message - White
   MK6-4 and MK6-6 Background - Green
   Message - White
   MM6-4 and MM6-6 Background - White
   Message - Green
   MN6-4 and MN6-6 Background - Brown
   Message - White
   MO6-4 and MO6-6 Background - Orange - Type F Reflective
   Message - Black
   MP6-4 and MP6-6 Background - White
   Message - Blue
   MR6-4 and MR6-6 Background - Brown
   Message - Yellow
5. M6-6R same as M6-6L except arrow points ahead and right.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 5/8	1/2						1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25

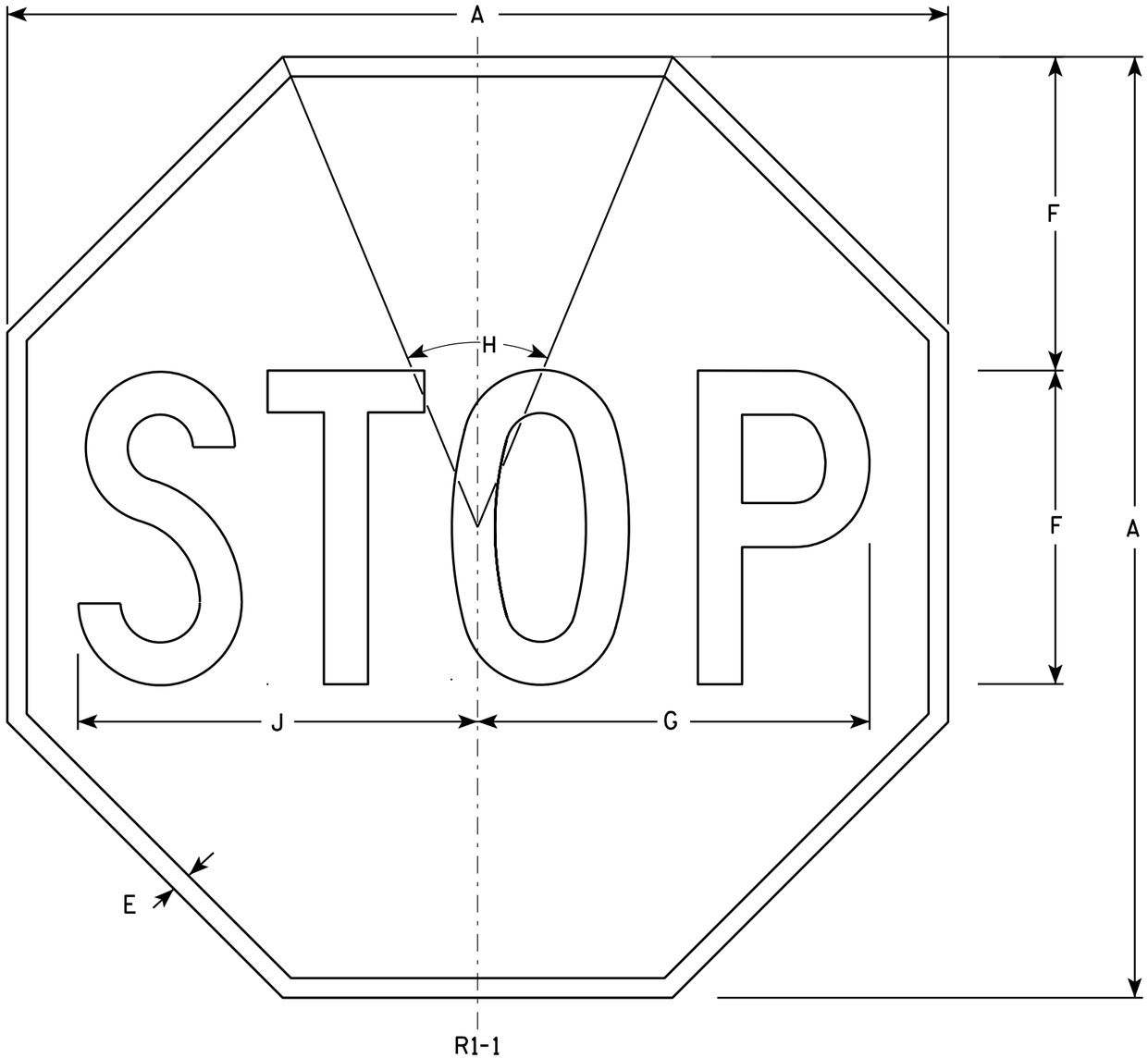
STANDARD SIGN M6-4 & M6-6 SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 7/03/14 PLATE 300 M6-4.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24				3/8	8	10	45°		10 1/4																	3.31
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

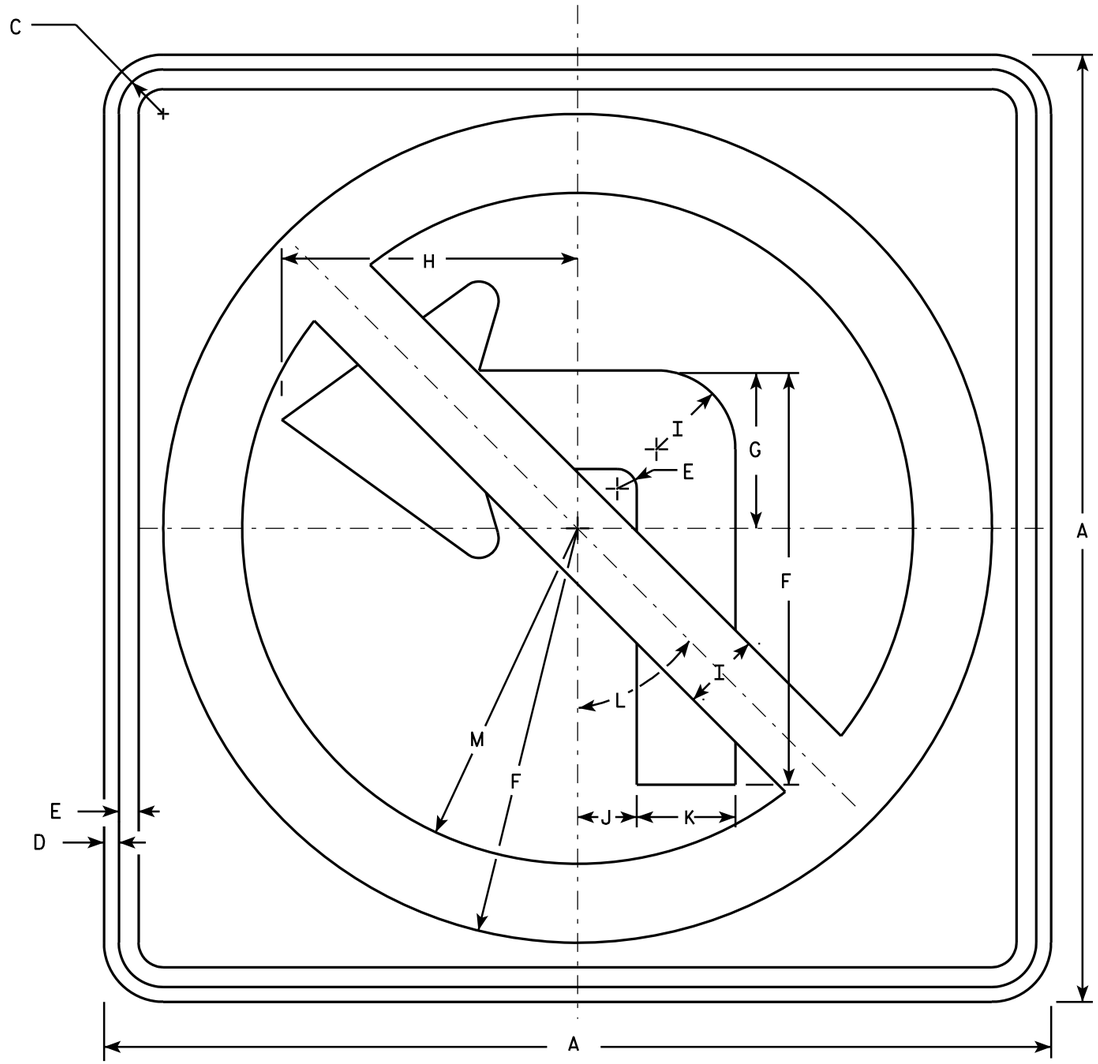
STANDARD SIGN
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-1.12

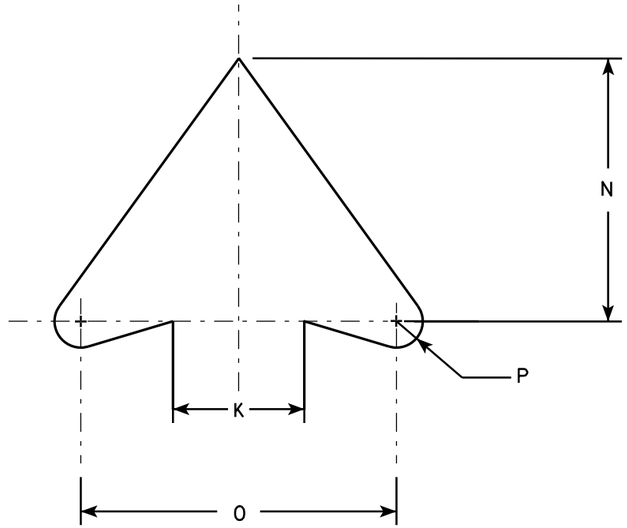
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 301	E



R3-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2S	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2M	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
3	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
4	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17	10	12	1											16.0

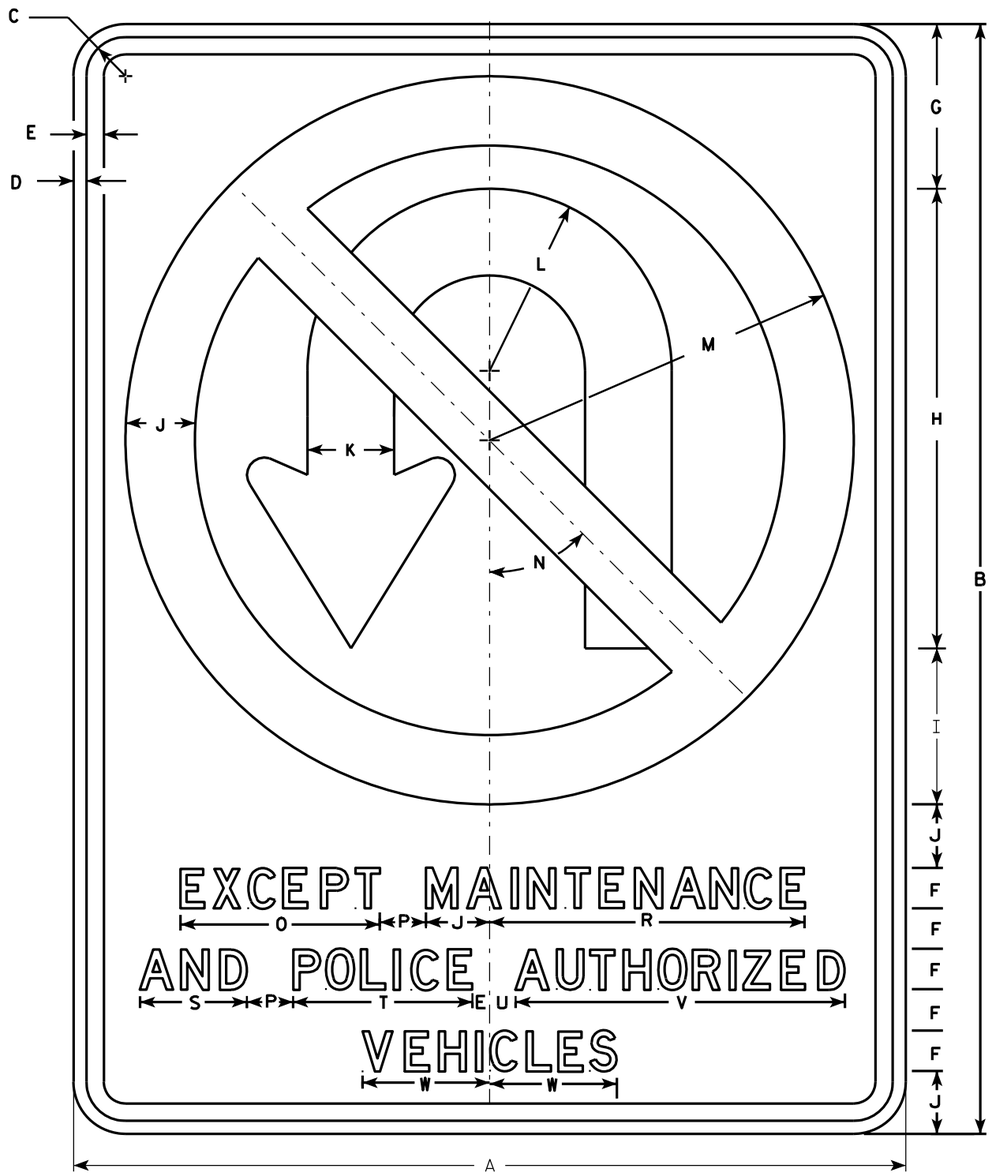
STANDARD SIGN
R3-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/08/10 PLATE NO. R3-2.10

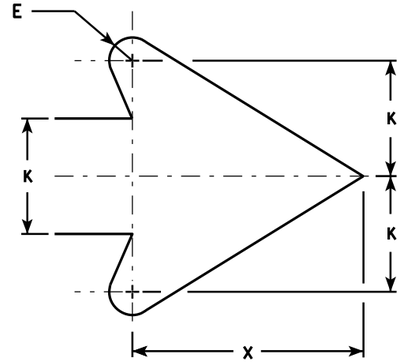
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 302	E



R3-4B

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S																											
2M																											
3																											
4	36	48	1 5/8	5/8	3/4	1 3/4	7 1/8	19 7/8	6 3/4	2 3/4	3 3/4	7 7/8	15 3/4	45°	8 5/8	2		13 5/8	4 5/8	7 3/4	1 1/8	14 1/4	5 1/2	7 5/8			12.0
5	36	48	1 5/8	5/8	3/4	1 3/4	7 1/8	19 7/8	6 3/4	2 3/4	3 3/4	7 7/8	15 3/4	45°	8 5/8	2		13 5/8	4 5/8	7 3/4	1 1/8	14 1/4	5 1/2	7 5/8			12.0

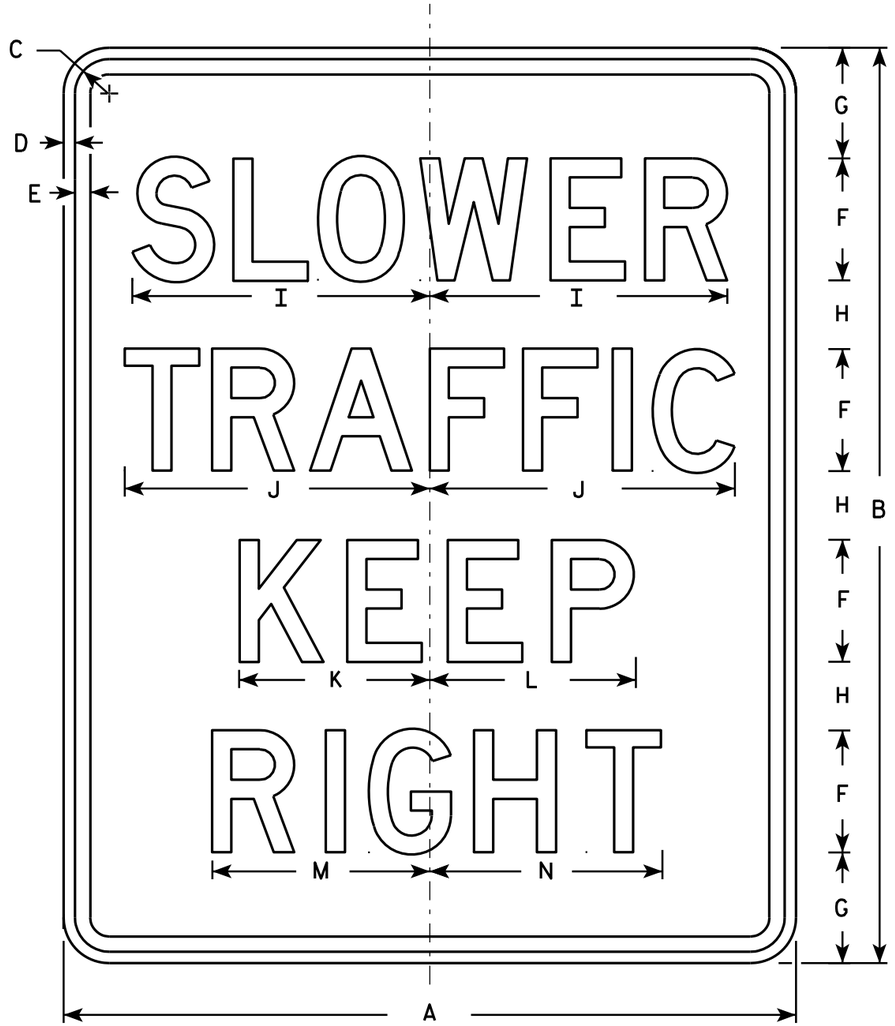
STANDARD SIGN
R3-4B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/17/2011 PLATE NO. R3-4B.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 303	E



R4-3

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	30	1 1/8	3/8	1/2	4	3 5/8	2 1/4	9 3/4	10	6 1/4	6 3/4	7 1/8	7 5/8													5.0
2M	24	30	1 1/8	3/8	1/2	4	3 5/8	2 1/4	9 3/4	10	6 1/4	6 3/4	7 1/8	7 5/8													5.0
3	36	48	1 5/8	5/8	3/4	6	6	4	14 5/8	15	9 3/8	10	10 3/4	11 3/8													12.0
4	36	48	1 5/8	5/8	3/4	6	6	4	14 5/8	15	9 3/8	10	10 3/4	11 3/8													12.0
5	48	60	2 1/4	3/4	1	8	7 1/4	4 1/2	19 1/2	20	12 1/2	13 1/2	14 1/4	15 1/4													20.0

STANDARD SIGN
R4-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-3.8

PROJECT NO:

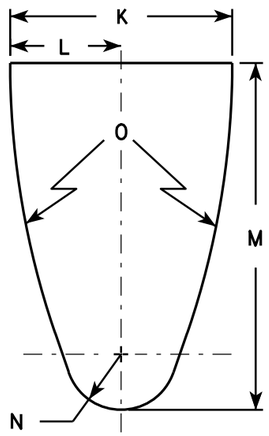
SHEET NO: 304 E

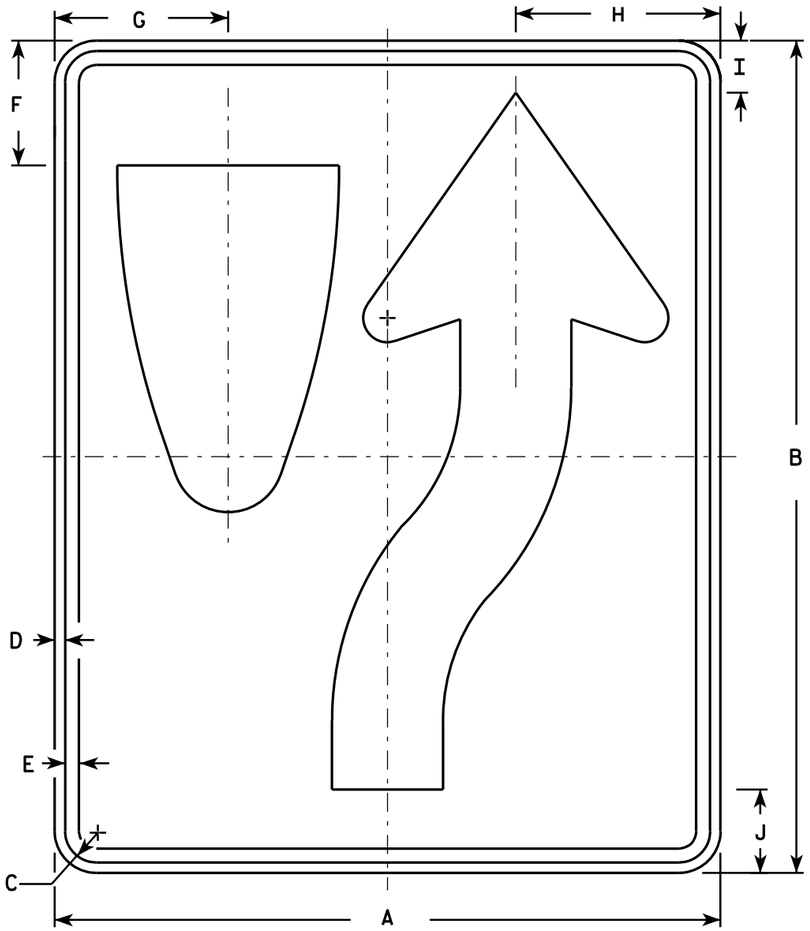
FILE NAME : C:\Users\PROJECTS\tr_stdplate\R43.DGN PLOT DATE : 25-MAR-2011 13:40 PLOT BY : mscsja

WISDOT/CADDS SHEET 42

7

7

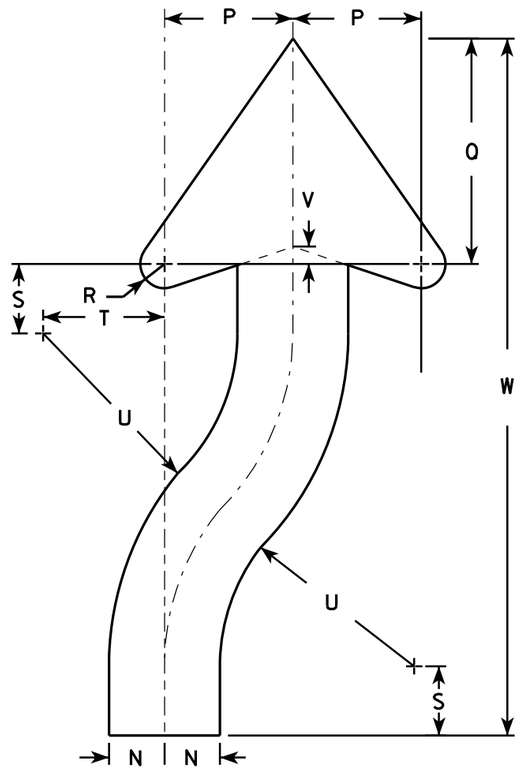




R4-7

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. material is plywood but borders shall be rounded
2. Color:
   Background - White
   Message - Black
3. Corners may be square or rounded when base as shown. When base material is metal, the corners and borders shall be rounded.
4. R4-8 is the same as R4-7 except Legend is reversed.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3 3/8	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5/8	1 7/8	3 1/4	6 3/4	1/2	20 3/8				3.0
2S	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2M	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
3	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
4	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
5	48	60	2 1/4	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 5/8	5	8 3/4	18	1 1/4	50 1/4				20.0

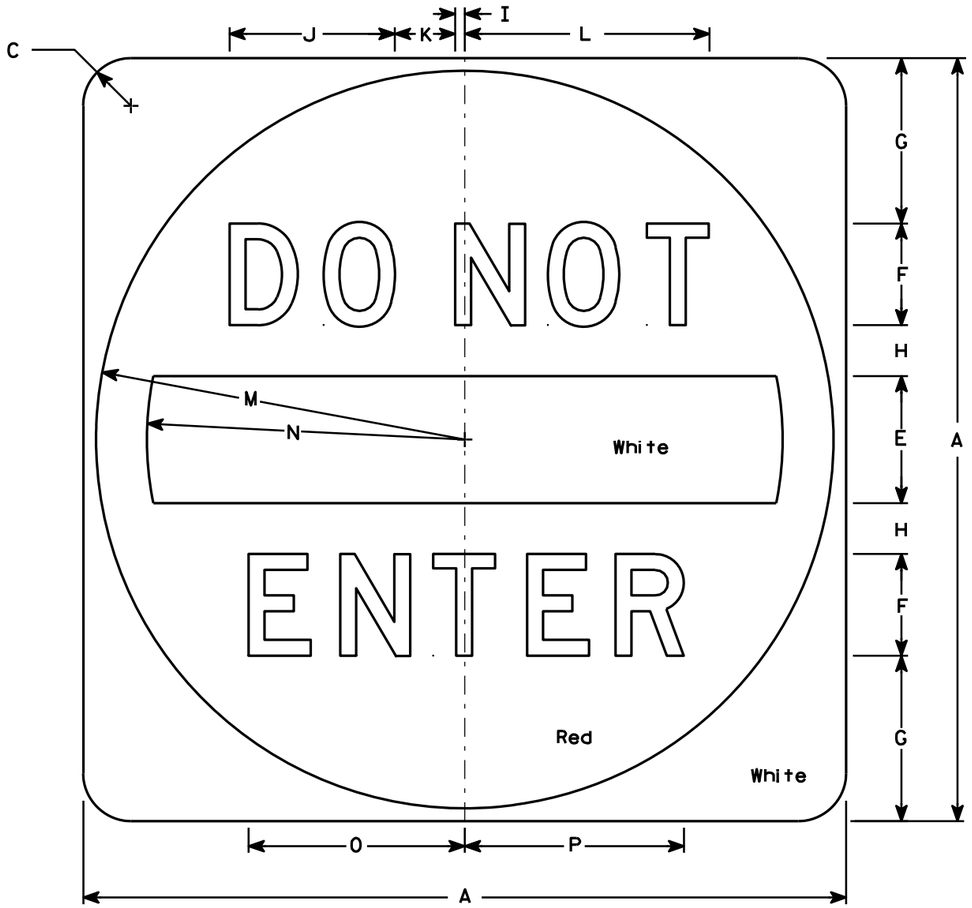
STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-7.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 305	E



R5-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - See detail
   Message - White - Type H Reflective
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but when base material is metal, the cornors shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30		1 7/8		5	4	6 1/2	2	3/8	6 1/2	2 3/8	9 5/8	14 1/2	12 1/2	8 1/2	8 5/8											6.26
2M	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
3	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
4	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
5	48		3		8	6	11	3	5/8	9 3/4	3 5/8	14 1/2	23 1/2	20	12 3/4	12 7/8											16.0

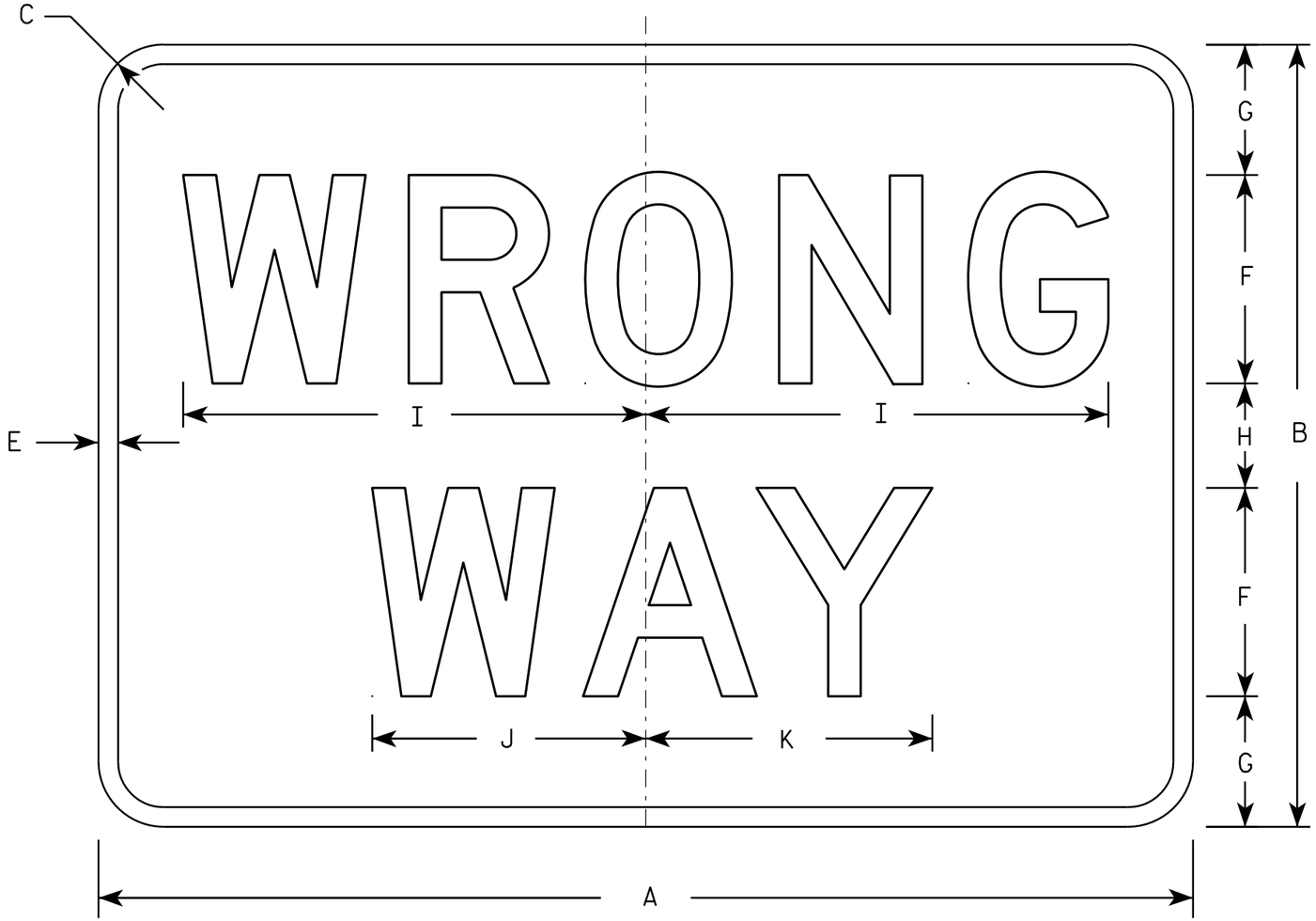
STANDARD SIGN
R5-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R5-1.15

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 306 | E



R5-1A

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	18	1 1/2		1/2	5	3	2	11	6 1/2	6 7/8																3.75
2S	36	24	2		5/8	6	4 1/2	3	13 1/4	7 7/8	8 1/4																6.00
2M	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
3	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
4	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
5	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75

STANDARD SIGN
R5-1A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R5-1A.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 307 | E



R5-57

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - Lines 1, 2, and 5 are Series C.
   Lines 3 and 4 are Series B.
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S																											
2M																											
3																											
4	36		1 5/8	5/8	3/4	4	3	2	3 1/2	14 1/4	14 7/8	11	11 1/2	4 3/4	1 3/4	9		1 3/8	10	11	2 1/2	1 3/4	15 1/2	13	13 5/8		9.0
5	36		1 5/8	5/8	3/4	4	3	2	3 1/2	14 1/4	14 7/8	11	11 1/2	4 3/4	1 3/4	9		1 3/8	10	11	2 1/2	1 3/4	15 1/2	13	13 5/8		9.0

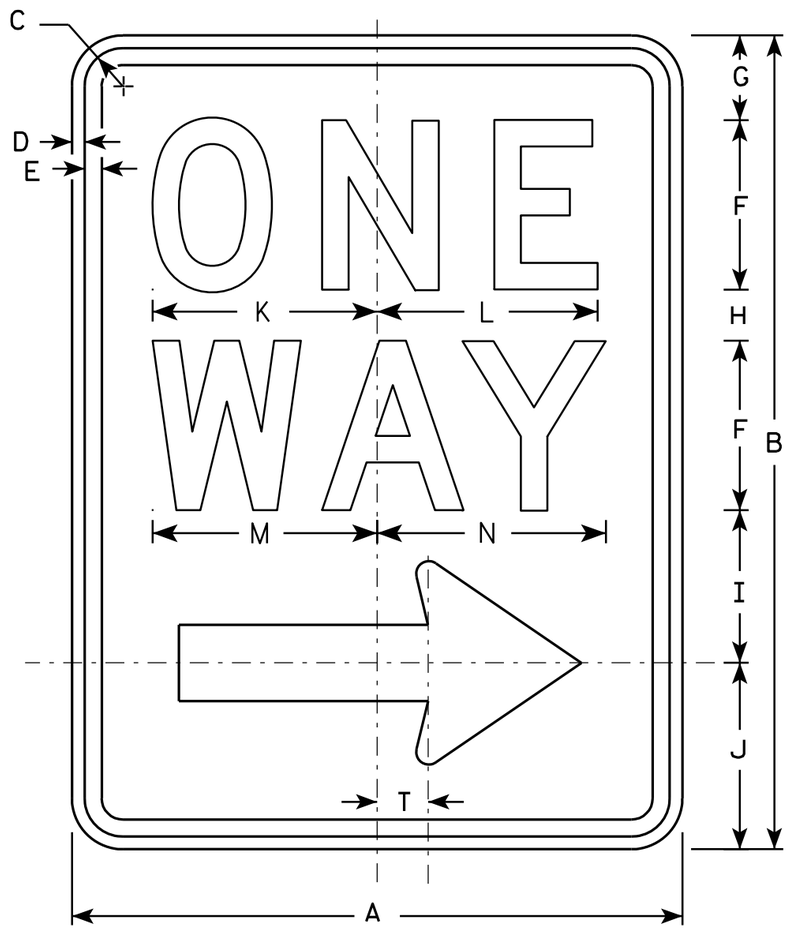
STANDARD SIGN
R5-57

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/29/2011 PLATE NO. R5-57.10

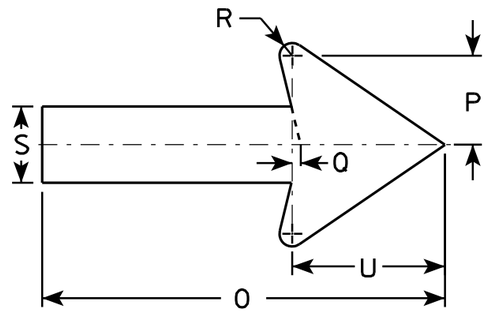
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 308 | E



R6-2R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. R6-2L same as R6-2R except arrow points to the left.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z
1	18	24	1 1/8	3/8	1/2	5	2 1/2	1 1/2	4 1/2	5 1/2	6 5/8	6 1/2	6 5/8	6 3/4	11 7/8	2 5/8	1/4	3/8	2 1/4	1 1/2	4 1/2					
2S	24	30	1 1/8	3/8	1/2	6	3	2 1/2	5 1/2	7	8 1/8	8 1/8	8 1/2	8 5/8	16	3 1/2	3/8	1/2	3	2	6					
2M	30	36	1 3/8	1/2	5/8	8	2 1/2	2 5/8	6 7/8	8	10 1/2	10 1/2	11 1/4	11 1/4	20	4 3/8	1/2	5/8	3 3/4	2 1/2	7 1/2					
3	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
4	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
5																										

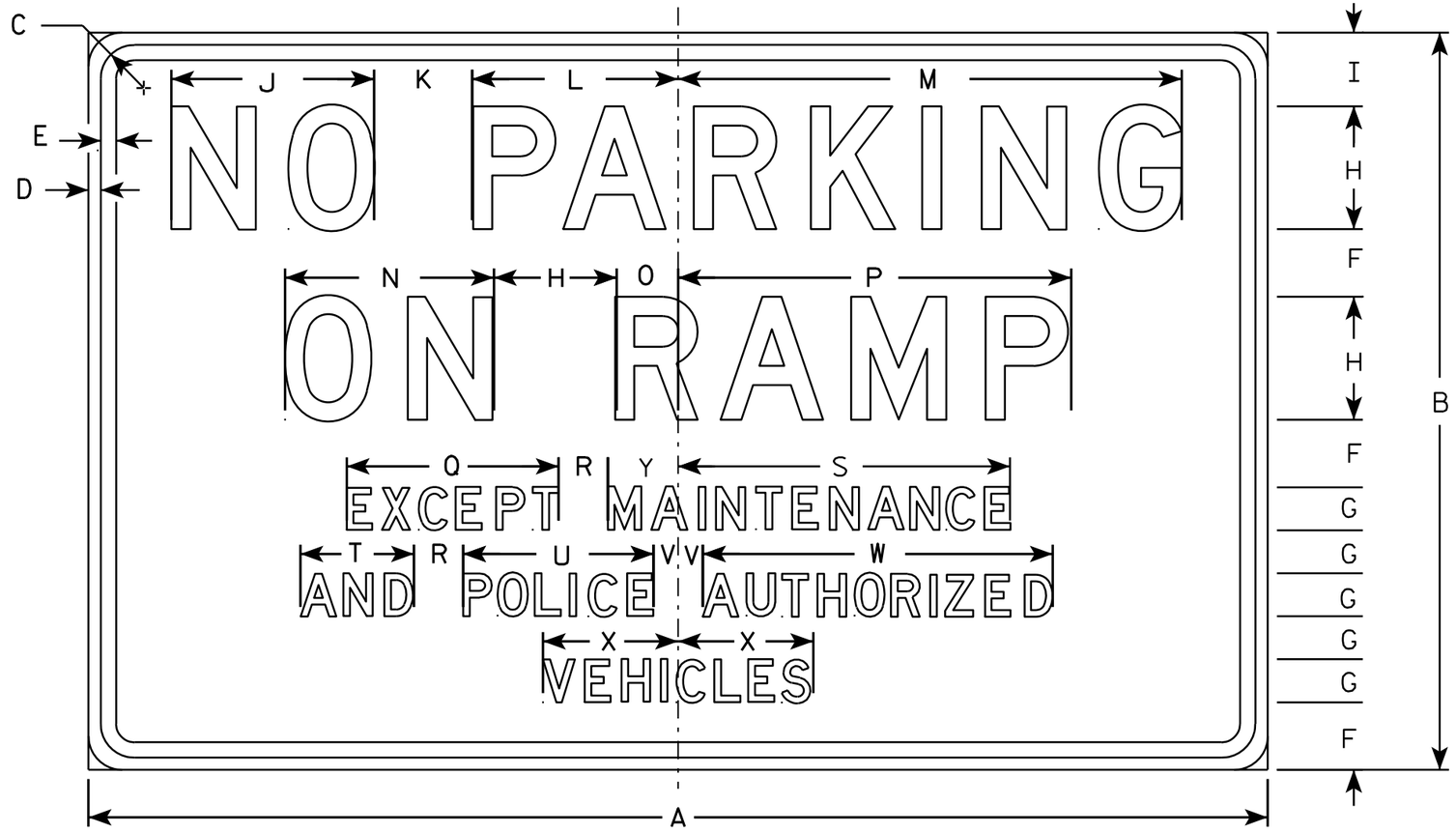
STANDARD SIGN
R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/2/10 PLATE NO. R6-2.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 309	E



R7-64

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - WHITE
   Message - Lines 1& 2 and Border are RED
   Lines 3, 4, & 5 are BLACK
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S																											
2M																											
3	48	30	1 3/8	1/2	5/8	2 3/4	1 3/4	5	3	8 1/4	4	8 3/8	20 1/2	8 1/2	2 1/2	16	8 5/8	2	13 5/8	4 5/8	7 3/4	1	14 1/4	5 1/2			10.0
4																											
5																											

STANDARD SIGN
R7-64

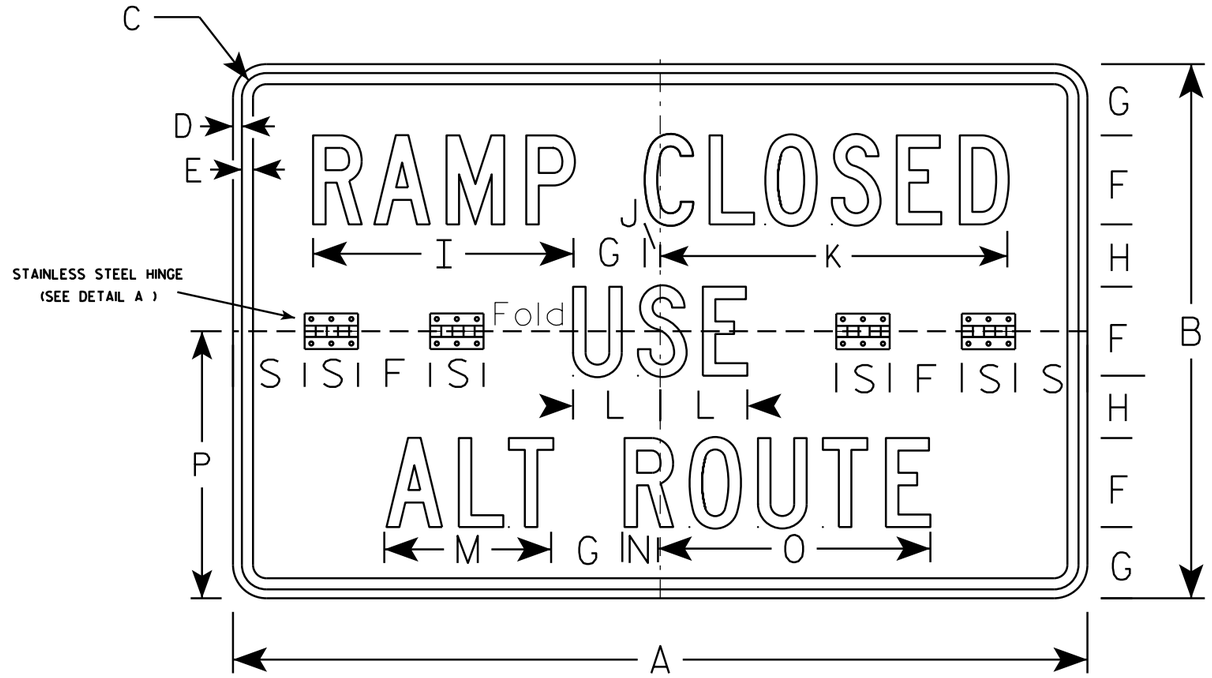
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R7-64.3

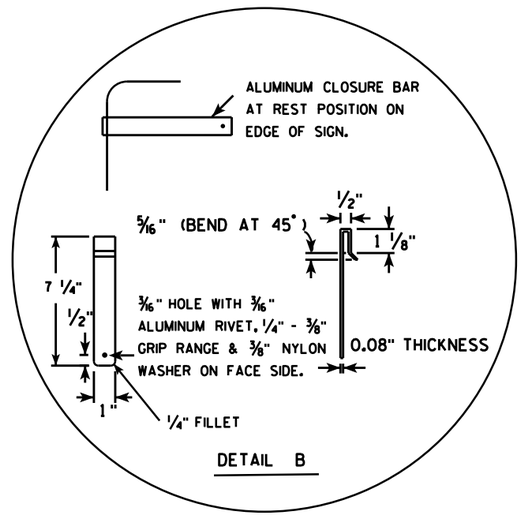
PROJECT NO:

SHEET NO: 310 E



R11-54F

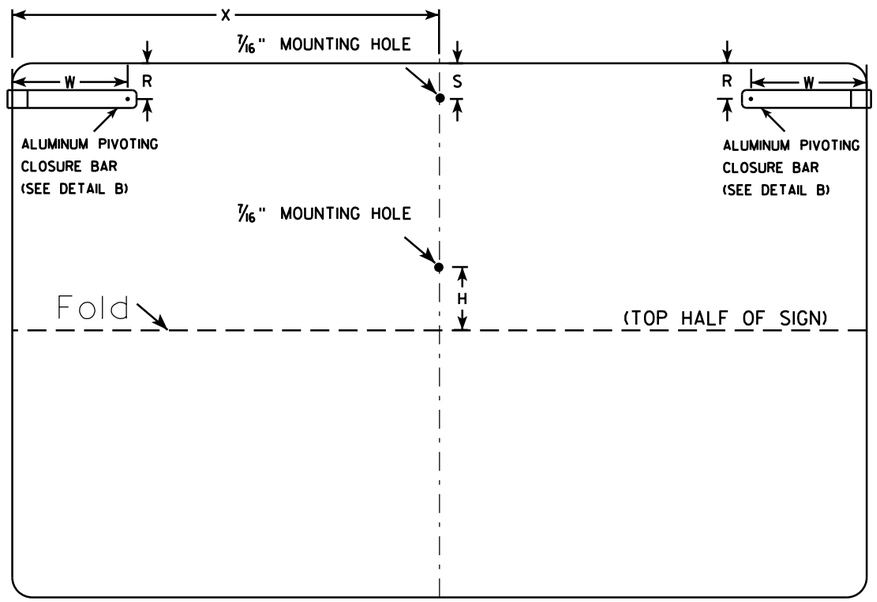
DETAIL A



DETAIL B

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - WHITE
   Message - BLACK
3. Message Series - C
4. Sign Base Material shall be aluminum, corners and borders shall be rounded.
5. All hardware used on the folding sign installation shall conform to 637.2.4 of the WIS DOT Standard Specification.
6. Refer to plate A5-3A for sign blank layout.



(BACK VIEW)

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 3/8	1/2	5/8	5	4	3 1/2	14 5/8	7/8	19 1/2	4 7/8	9 3/8	2	15 1/4	15		2	3	2 5/8	1 1/4	11/16	6 1/2	24			10.0
2M	48	30	1 3/8	1/2	5/8	5	4	3 1/2	14 5/8	7/8	19 1/2	4 7/8	9 3/8	2	15 1/4	15		2	3	2 5/8	1 1/4	11/16	6 1/2	24			10.0
3																											
4																											
5																											

STANDARD SIGN
R11-54F

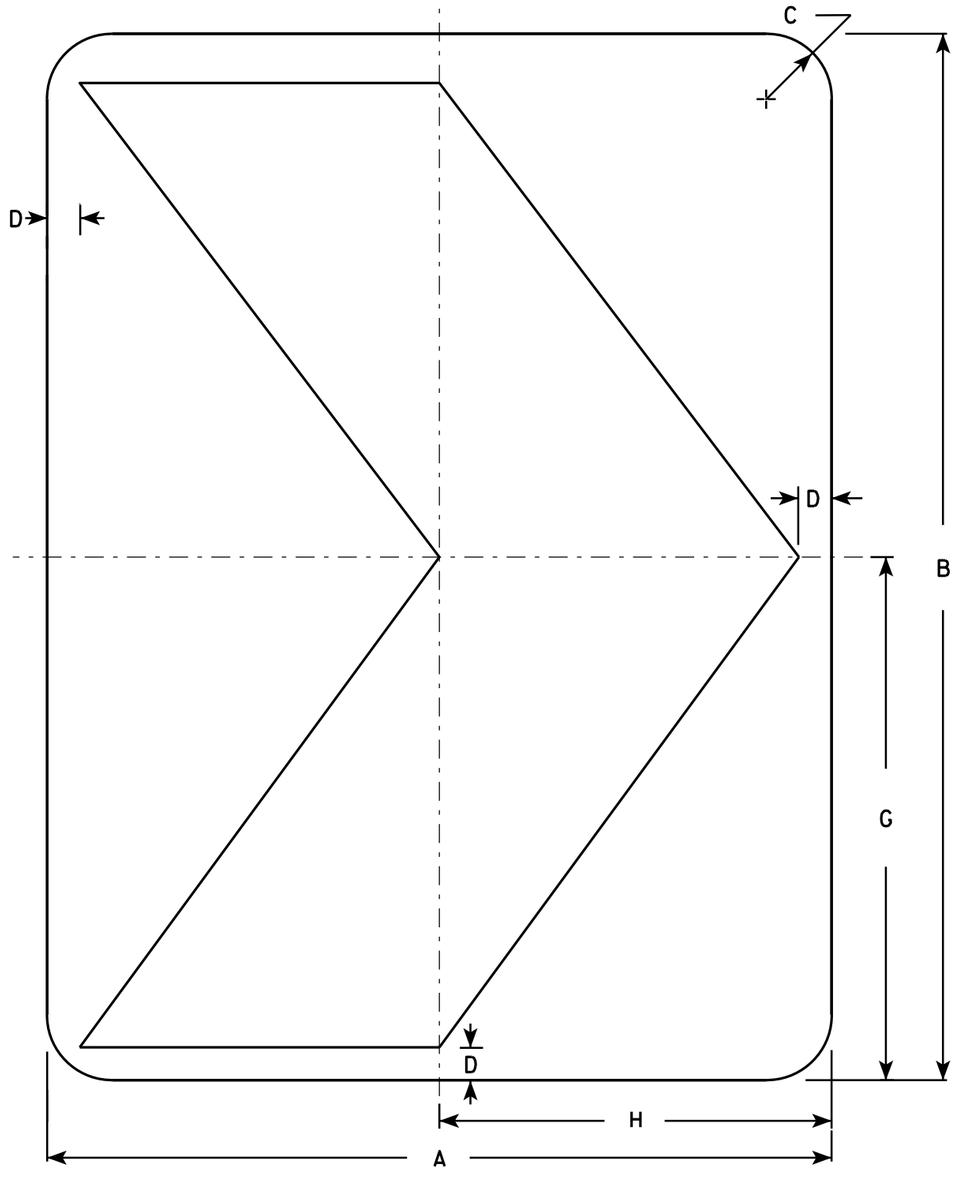
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/28/14 PLATE NO. R11-54F.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\R1154F.DGN PLOT DATE : 28-MAY-2014 14:15 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 8.511110:1.000000
WISDOT/CADDS SHEET 42



W1-8

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 ½	½			9	6																			1.5
2S	18	24	1 ½	¾			12	9																			3.0
2M	18	24	1 ½	¾			12	9																			3.0
3	24	30	1 ½	1			15	12																			5.0
4	30	36	1 ⅞	1 ¼			18	15																			7.5
5	36	48	2 ¼	1 ½			24	18																			12.0

STANDARD SIGN
W1-8

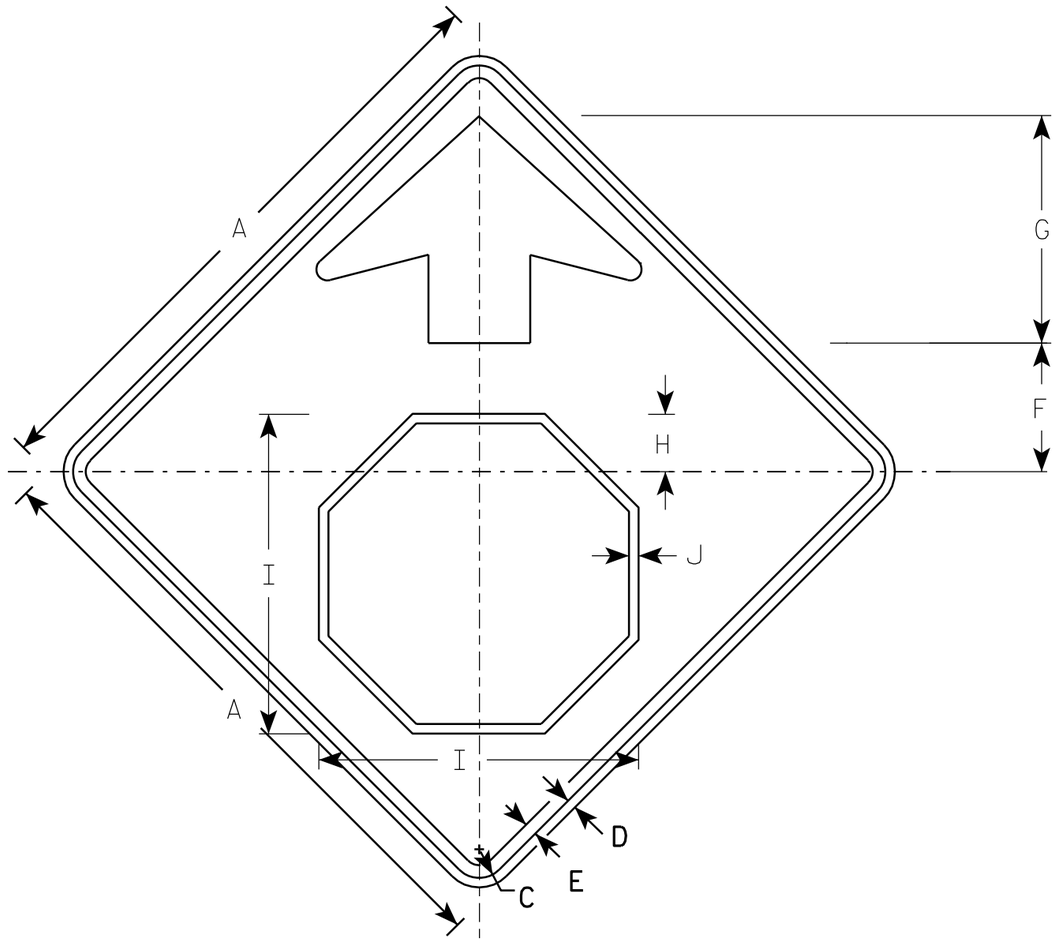
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W1-8.6

PROJECT NO:

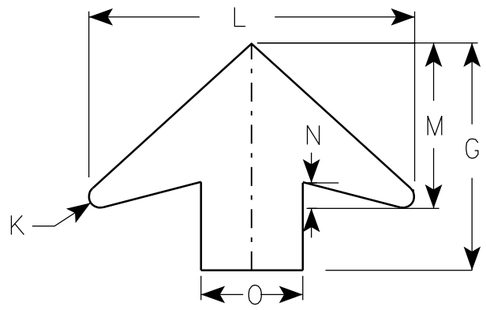
SHEET NO: 312 E



W3-1

NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - YELLOW
   Arrow & Border - BLACK
   Stop Symbol - WHITE BORDER ON RED BACKGROUND



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	6 1/4	11 1/4	2 7/8	15 3/4	1/2	1/2	16	8	1 1/4	5												6.25
2S	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
2M	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
3	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
4	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
5	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0

STANDARD SIGN
W3-1

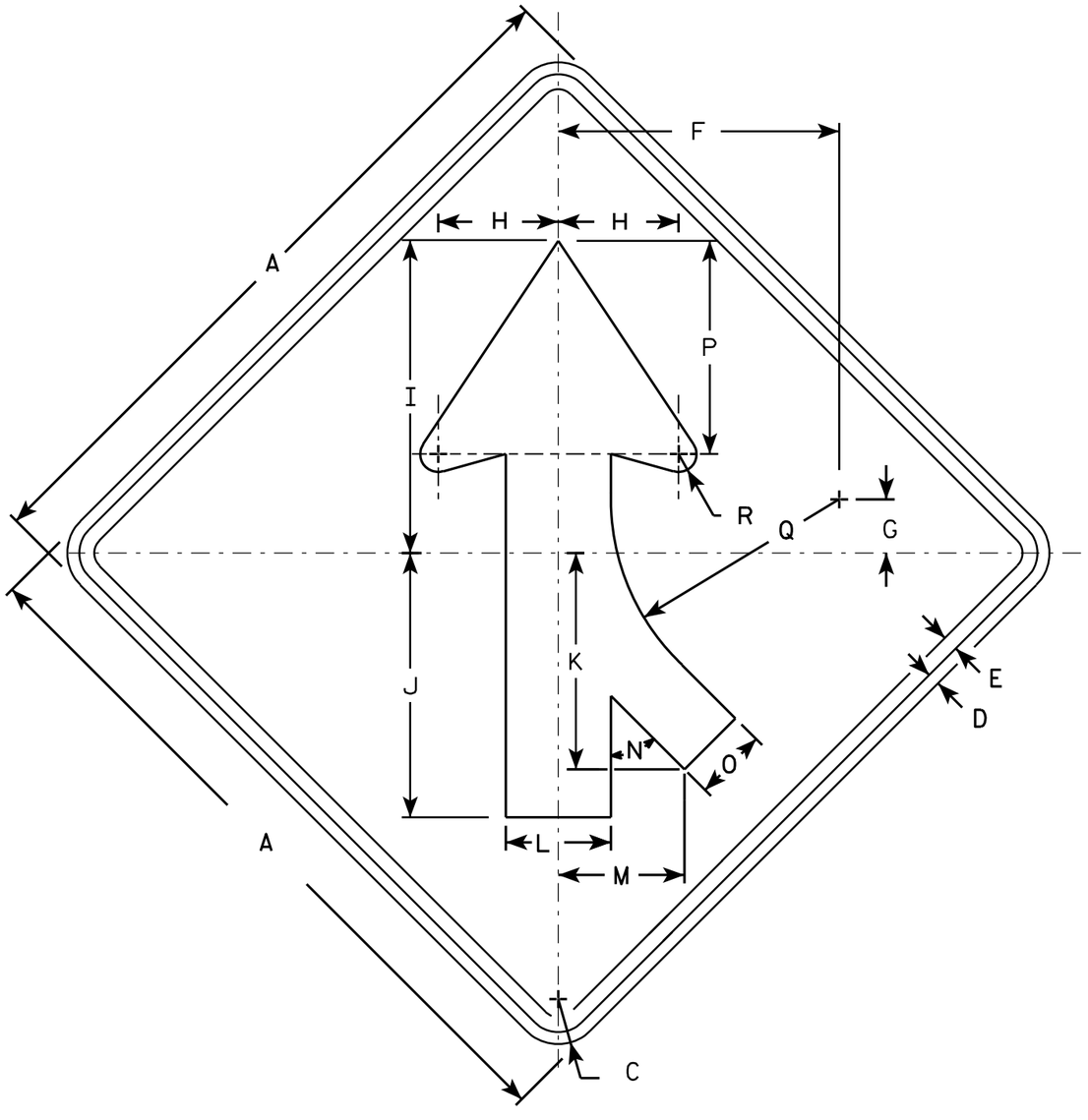
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W3-1.12

PROJECT NO:

SHEET NO: 313 E



W4-1 R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W4-1L is the same as W4-1R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	11 5/8	2 1/2	5	13	11	9	4 3/8	5 1/4	45°	3	8 7/8	9 1/2	3/4									6.25
2S	36		1 5/8	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8									9.0
2M	36		1 5/8	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8									9.0
3	36		1 5/8	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8									9.0
4	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
5	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0

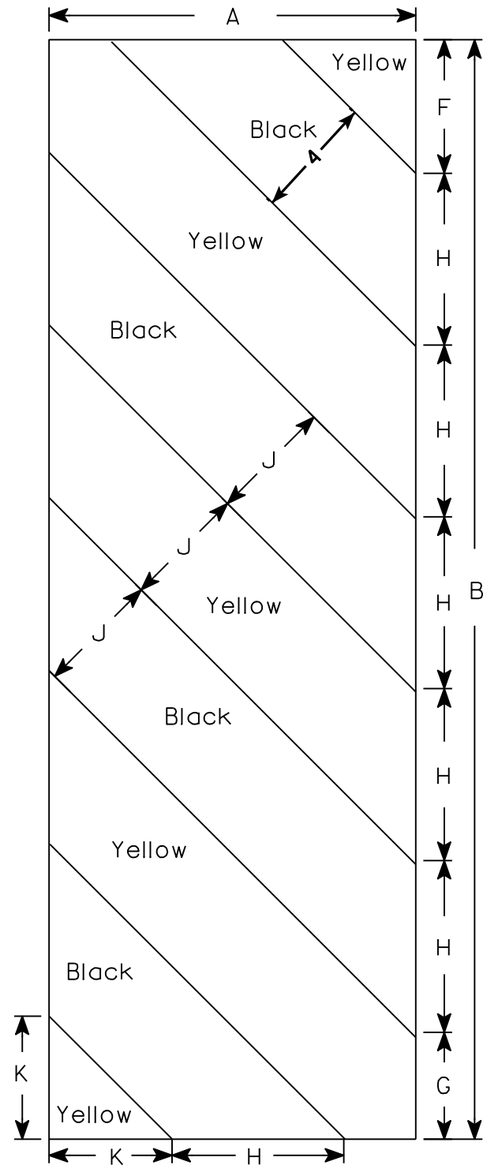
STANDARD SIGN
W4-1

WISCONSIN DEPT OF TRANSPORTATION

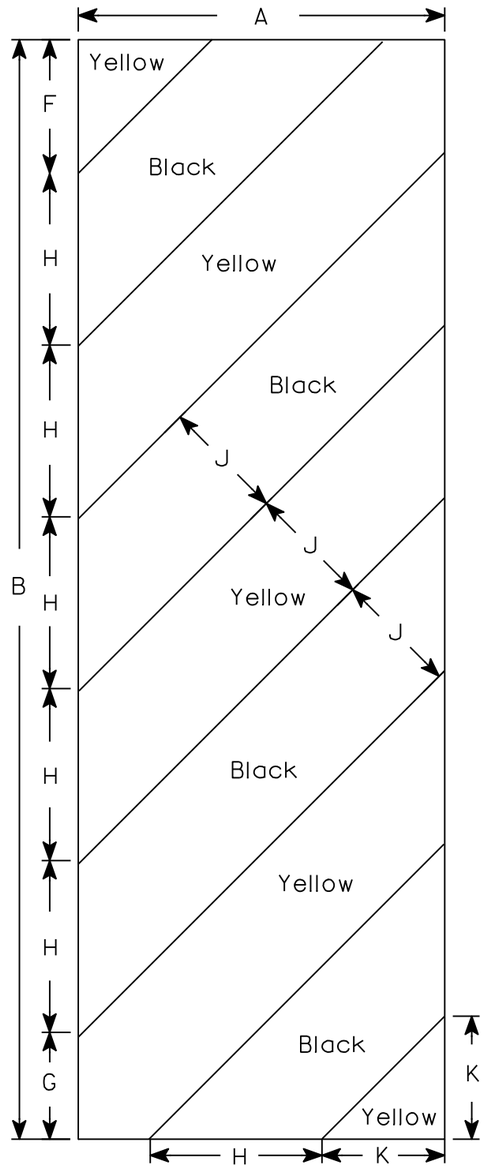
APPROVED Matthew R Rausch for State Traffic Engineer

DATE 03/12/13 PLATE NO. W4-1.14

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 314	E



W5-52L



W5-52R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Alternate colors of stripes as shown.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	12	36				4 3/8	3 1/2	5 5/8	45°	4	4																3.0
2M	12	36				4 3/8	3 1/2	5 5/8	45°	4	4																3.0
3	18	54				6	5 1/2	8 1/2	45°	6	6 9/16																6.75
4																											
5																											

STANDARD SIGN

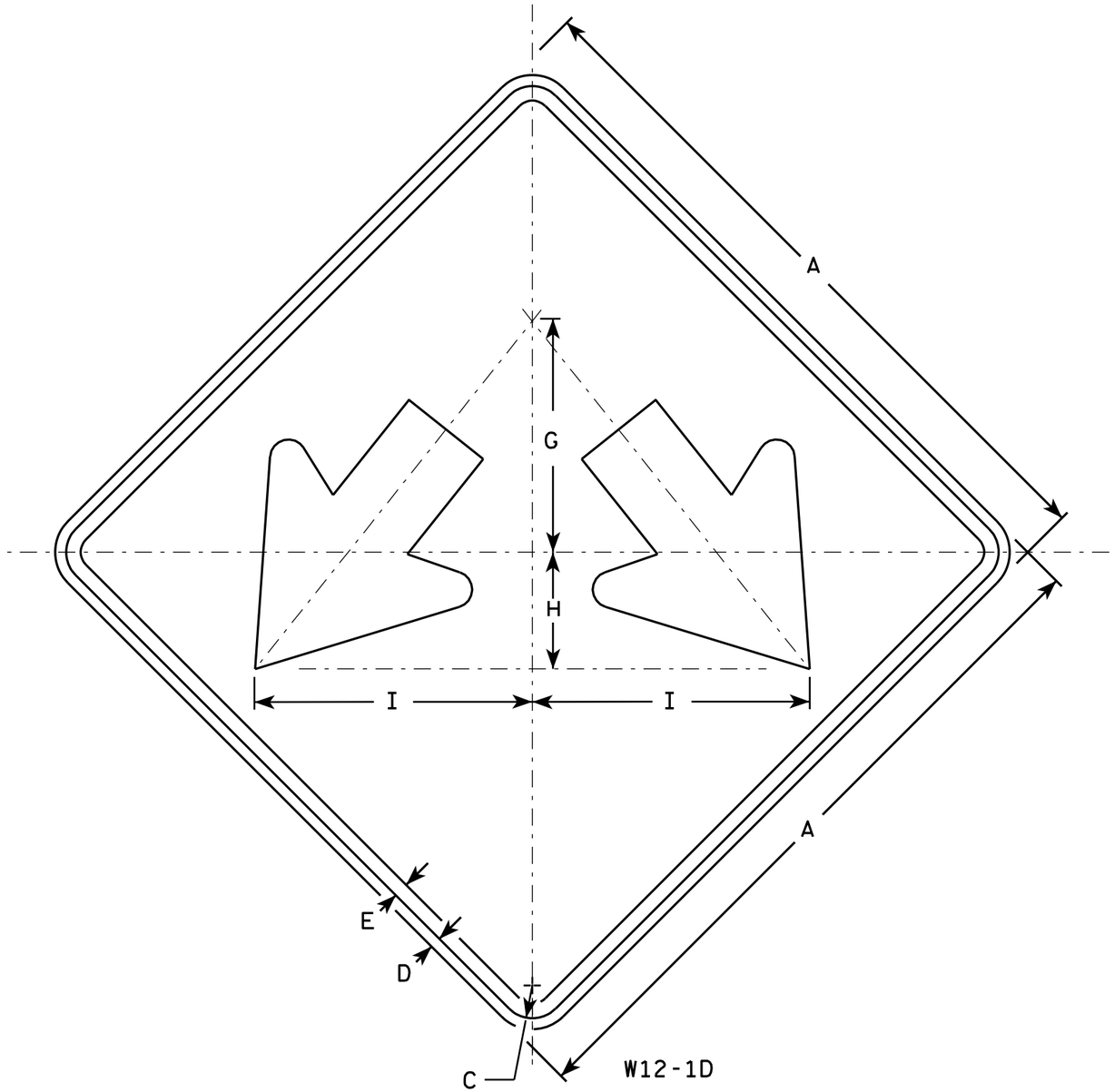
W5-52L & W5-52R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

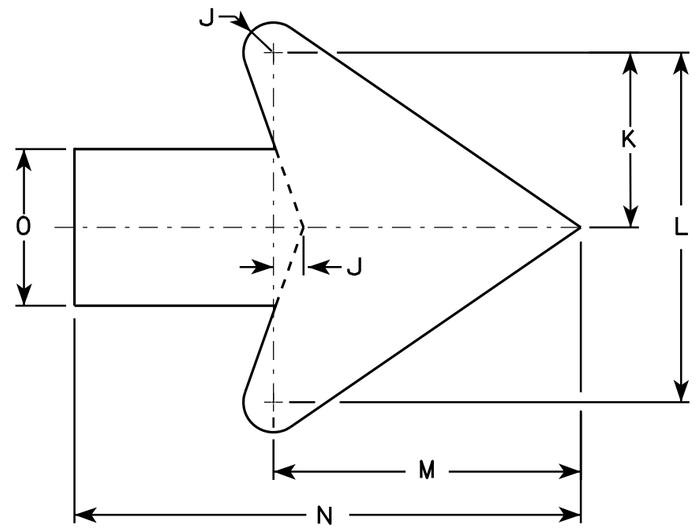
DATE 5/29/12 PLATE NO. W5-52.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 315	E



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24		1 1/8	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
2M	24		1 1/8	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
3	30		1 3/8	1/2	5/8		10	5	11 7/8	3/4	4 1/2	9	7 7/8	13	4												6.25
4	36		1 3/8	1/2	5/8		12	6	14 1/4	1	5 1/2	10 7/8	9 5/8	15 3/4	4 3/4												9.0
5	48		2 1/4	3/4	1		16	8	19	1 1/4	7 1/4	14 1/2	12 3/4	21	6 1/4												16.0

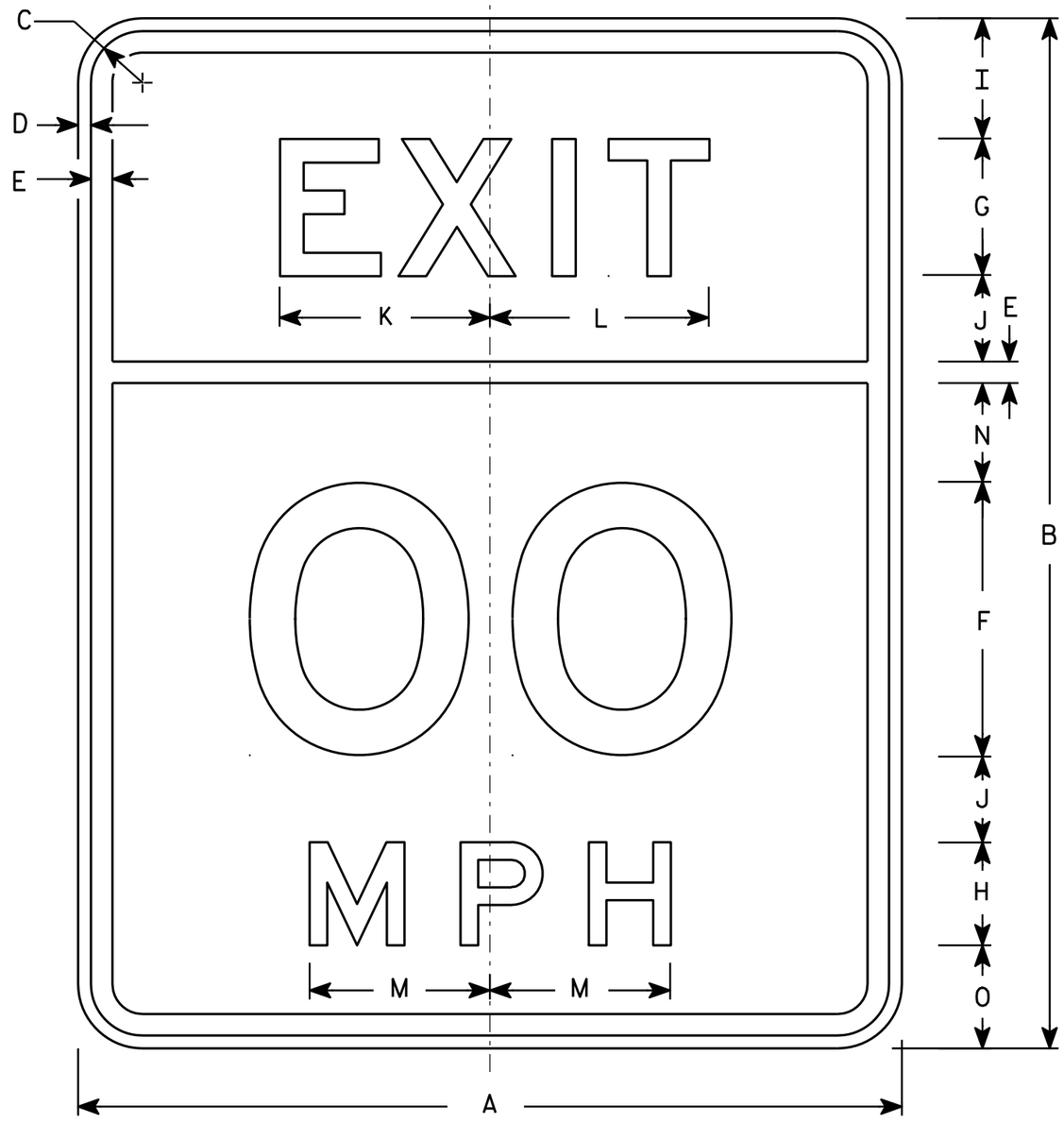
STANDARD SIGN
W12-1D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/13/13 PLATE NO. W12-1D.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 316	E



W13-2

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically space about centerline to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	30	1 1/2	3/8	5/8	8	4	3	3 1/2	2 1/2	6 1/8	6 3/8	5 1/4	2 7/8	3												5.0
2M	24	30	1 1/2	3/8	5/8	8	4	3	3 1/2	2 1/2	6 1/8	6 3/8	5 1/4	2 7/8	3												5.0
3	36	48	2 1/4	5/8	7/8	12	6	4	6	4	9 1/4	9 1/2	7 1/8	5 1/8	6												12.0
4	36	48	2 1/4	5/8	7/8	12	6	4	6	4	9 1/4	9 1/2	7 1/8	5 1/8	6												12.0
5	48	60	2 1/4	3/4	1	16	8	6	7	5	12 1/4	12 3/4	10 5/8	5 3/4	6												20.0

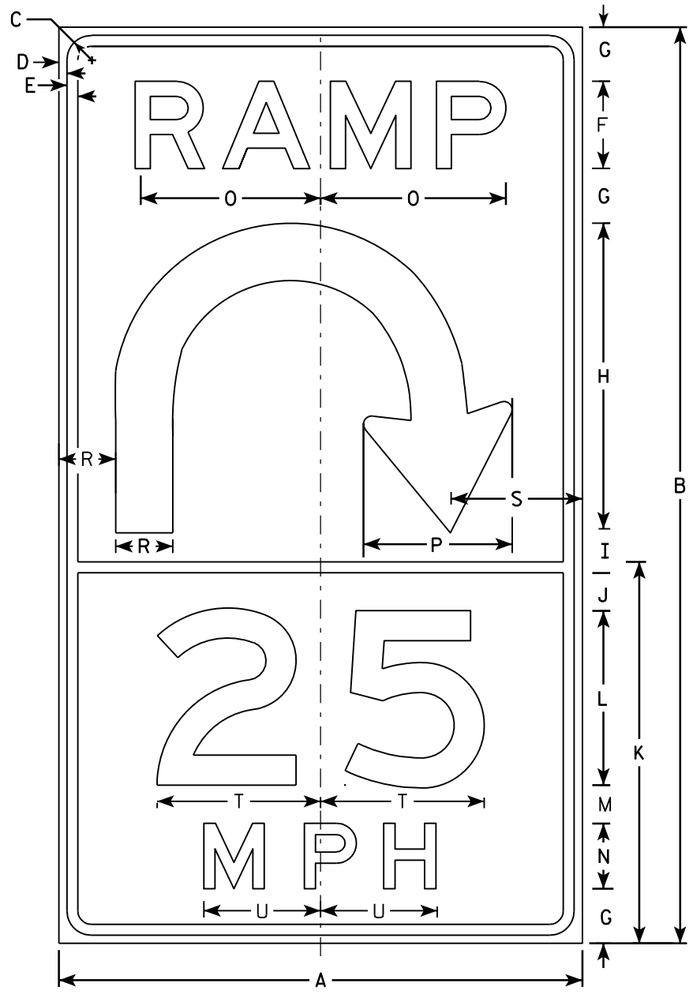
STANDARD SIGN
W13-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/31/12 PLATE NO. W13-2.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 317 | E



W13-3A

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36	60	1 5/8	3/4	5/8	6	3 1/2	20 1/4	2 1/2	3 1/2	25	10	2 1/4	5	12 3/4	10 1/4		4	9	10	8 1/2						15.0
2M	36	60	1 5/8	3/4	5/8	6	3 1/2	20 1/4	2 1/2	3 1/2	25	10	2 1/4	5	12 3/4	10 1/4		4	9	10	8 1/2						15.0
3																											
4	48	84	2 1/4	3/4	1	8	5	28	4	3 1/2	35	16	3 1/2	6	17	13 5/8		5 1/4	12	15	10 3/4						28.0
5	48	84	2 1/4	3/4	1	8	5	28	4	3 1/2	35	16	3 1/2	6	17	13 5/8		5 1/4	12	15	10 3/4						28.0

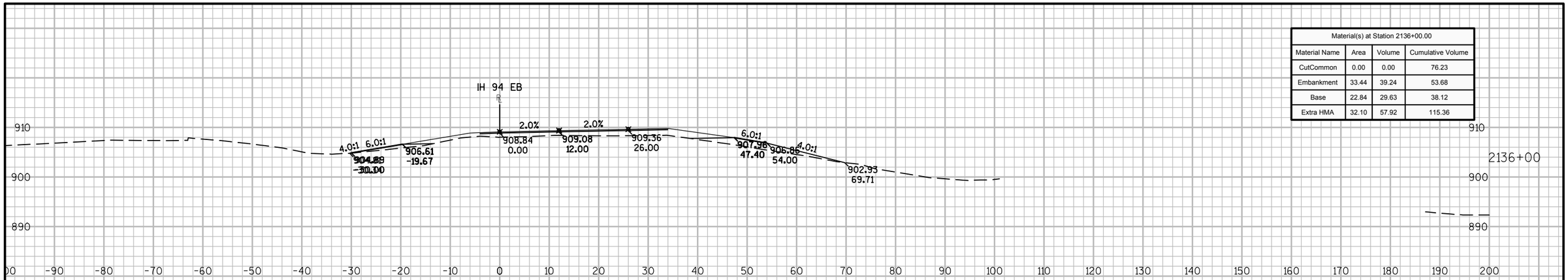
STANDARD SIGN
W13-3A

WISCONSIN DEPT OF TRANSPORTATION

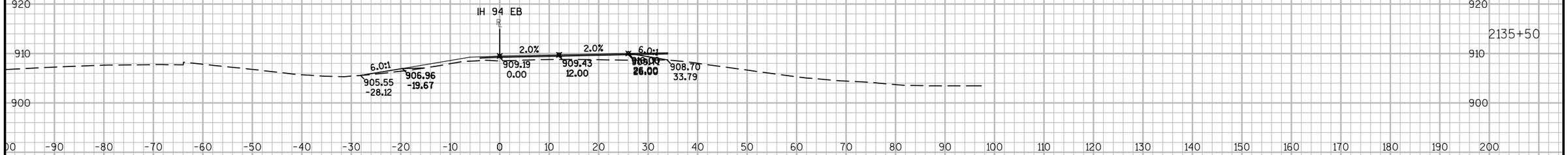
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/13 PLATE NO. W13-3A.1

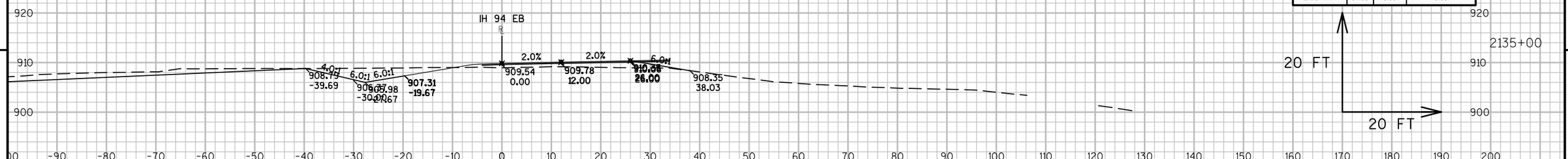
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 318 | E



Material(s) at Station 2136+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	76.23
Embankment	33.44	39.24	53.68
Base	22.84	29.63	38.12
Extra HMA	32.10	57.92	115.36



Material(s) at Station 2135+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	76.23	76.23
Embankment	8.93	14.44	14.44
Base	9.17	8.49	8.49
Extra HMA	30.46	57.44	57.44



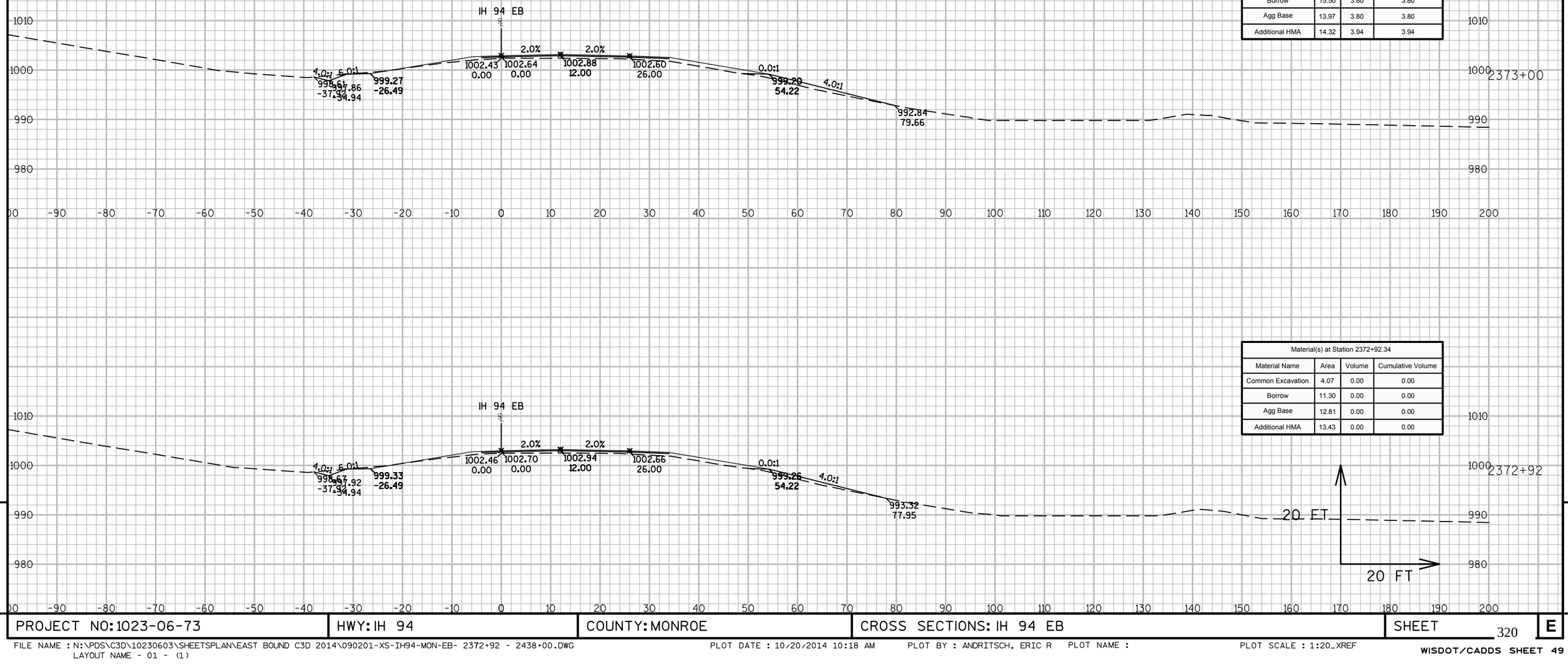
Material(s) at Station 2135+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	82.33	0.00	0.00
Embankment	6.66	0.00	0.00
Base	0.00	0.00	0.00
Extra HMA	31.58	0.00	0.00

9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 319	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (1)
PLOT DATE : 10/20/2014 9:45 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2373+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	4.04	1.15	1.15
Borrow	15.50	3.80	3.80
Agg Base	13.97	3.80	3.80
Additional HMA	14.32	3.94	3.94

Material(s) at Station 2372+92.34			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	4.07	0.00	0.00
Borrow	11.30	0.00	0.00
Agg Base	12.81	0.00	0.00
Additional HMA	13.43	0.00	0.00

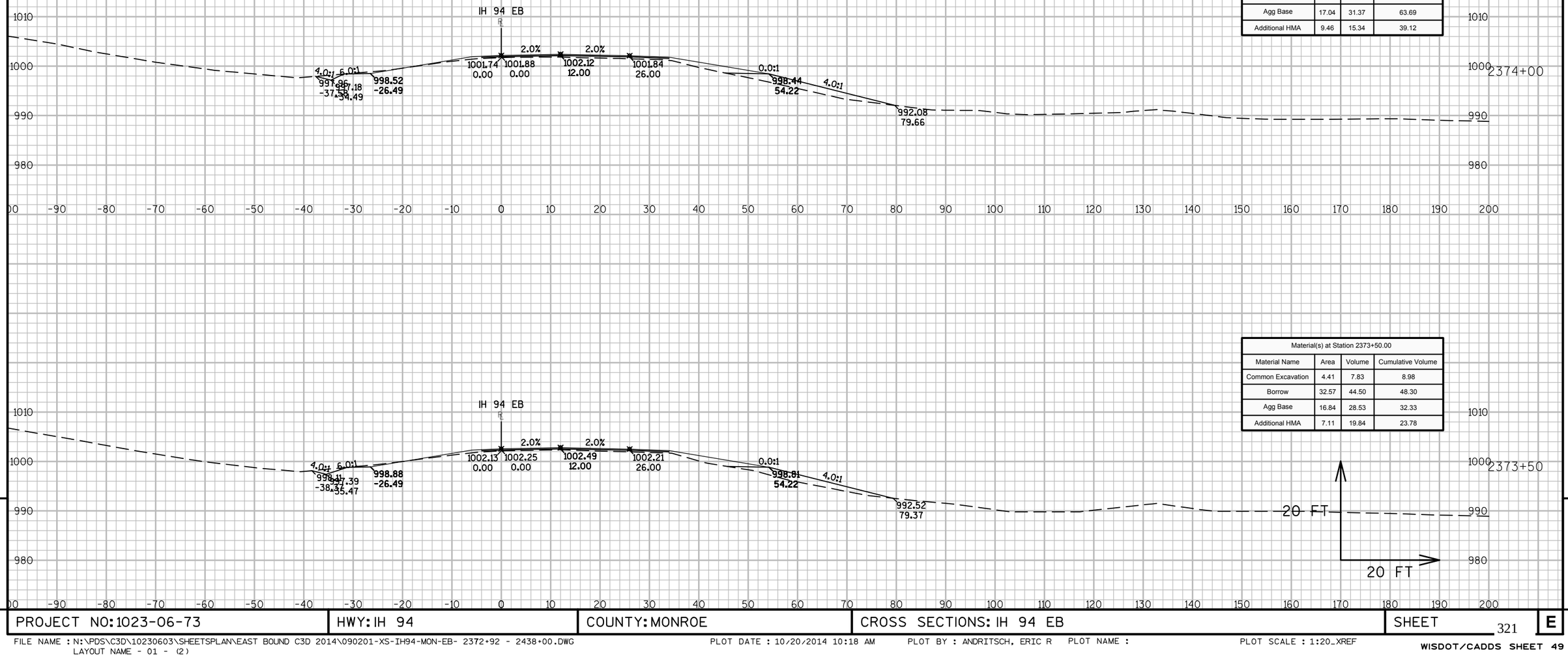
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 320	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (1)

PLOT DATE : 10/20/2014 10:18 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2374+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	3.81	7.61	16.59
Borrow	36.11	63.59	111.89
Agg Base	17.04	31.37	63.69
Additional HMA	9.46	15.34	39.12

Material(s) at Station 2373+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	4.41	7.83	8.98
Borrow	32.57	44.50	48.30
Agg Base	16.84	28.53	32.33
Additional HMA	7.11	19.84	23.78

9

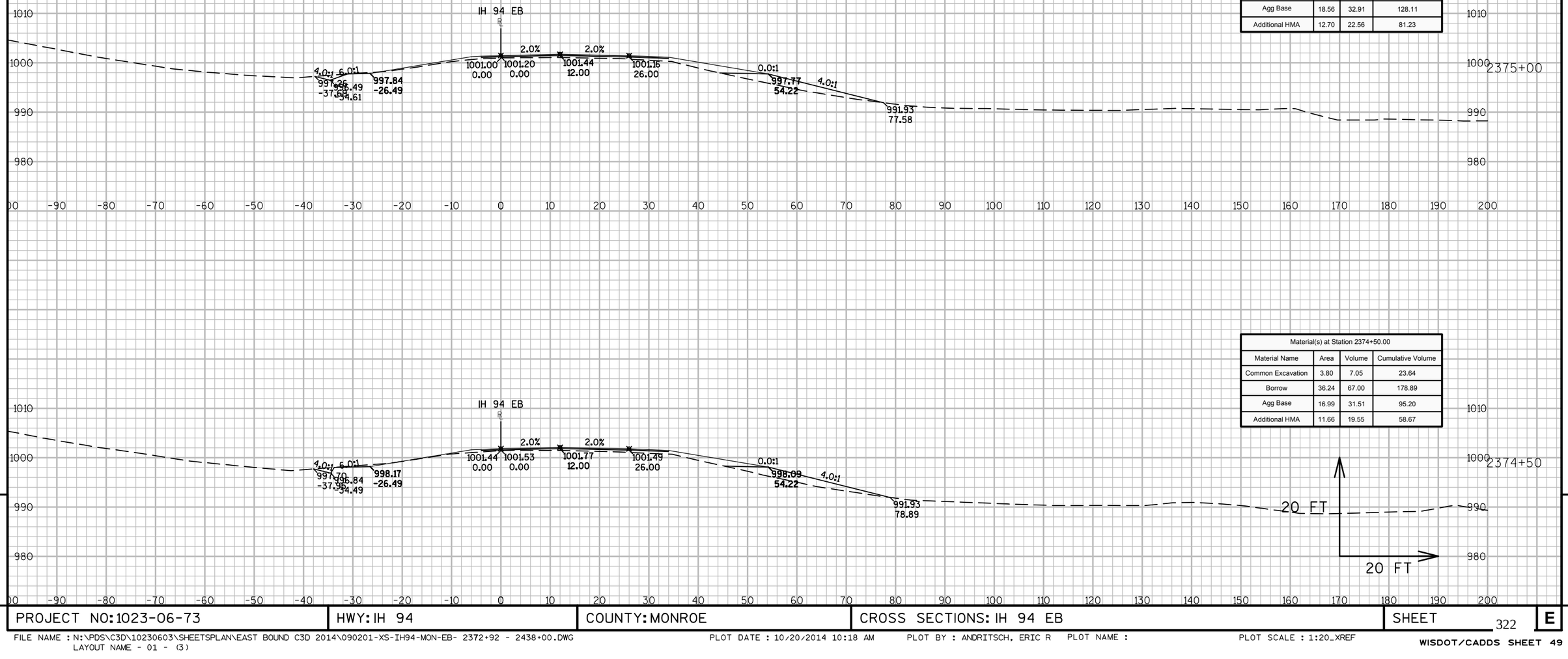
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 321	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (2)

PLOT DATE : 10/20/2014 10:18 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2375+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	3.85	7.09	30.73
Borrow	36.24	67.11	246.00
Agg Base	18.56	32.91	128.11
Additional HMA	12.70	22.56	81.23

Material(s) at Station 2374+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	3.80	7.05	23.64
Borrow	36.24	67.00	178.89
Agg Base	16.99	31.51	95.20
Additional HMA	11.66	19.55	58.67

9

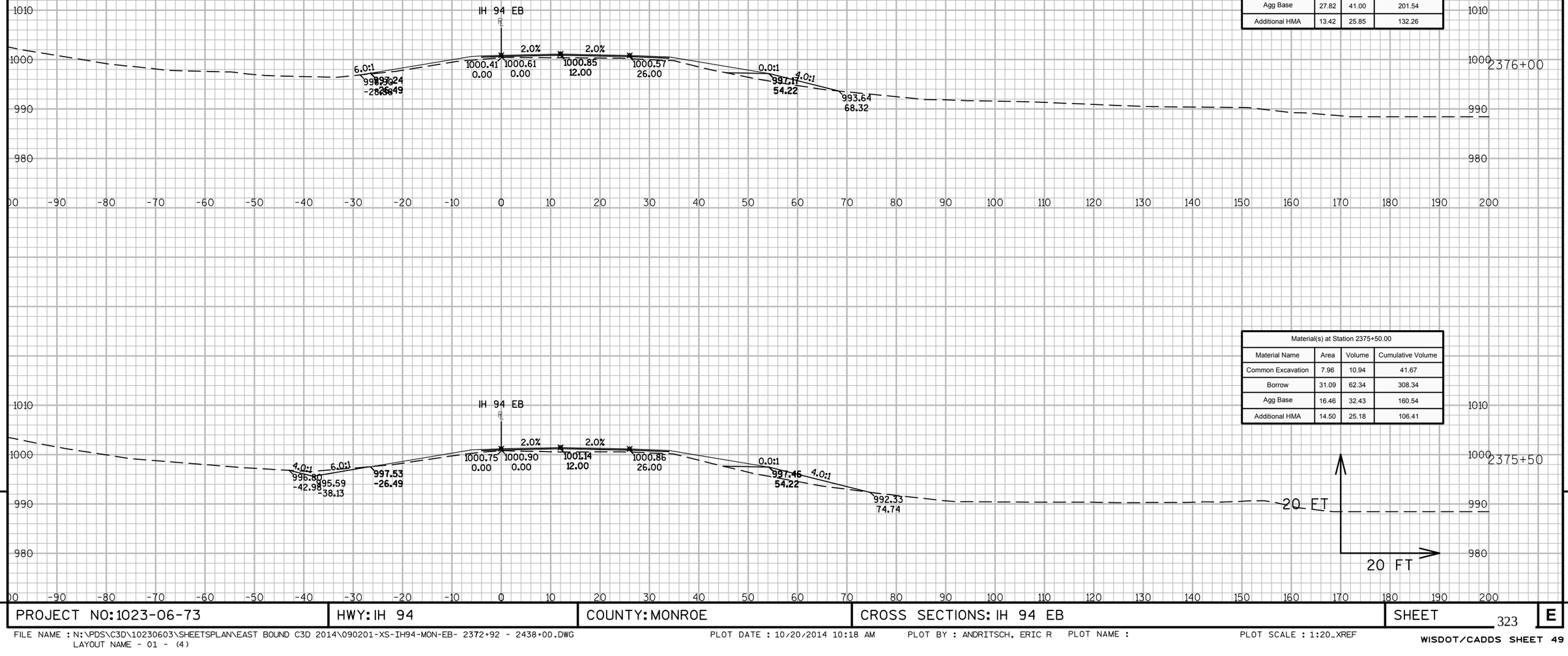
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 322	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (3)

PLOT DATE : 10/20/2014 10:18 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2376+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	7.37	49.04
Borrow	18.72	46.12	354.47
Agg Base	27.82	41.00	201.54
Additional HMA	13.42	25.85	132.26

Material(s) at Station 2375+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	7.96	10.94	41.67
Borrow	31.09	62.34	308.34
Agg Base	16.46	32.43	160.54
Additional HMA	14.50	25.18	106.41

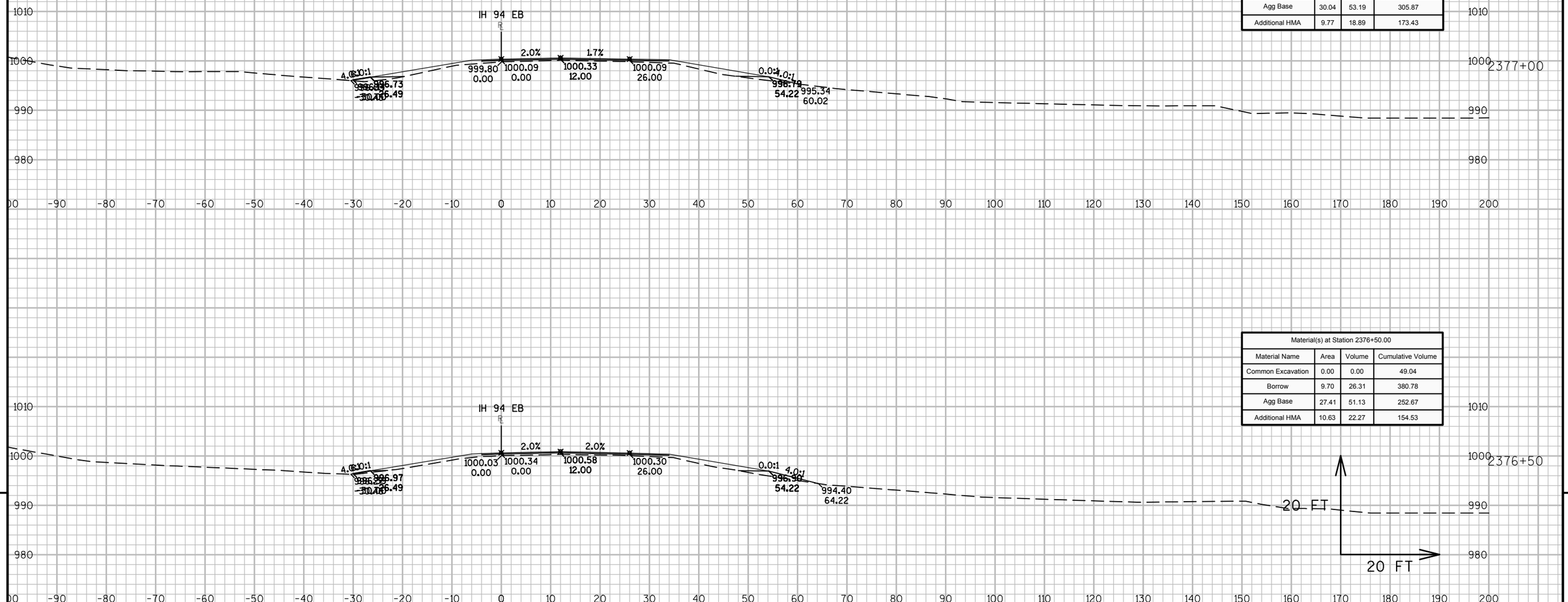
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 323	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (4)

PLOT DATE : 10/20/2014 10:18 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2377+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	49.04
Borrow	10.07	18.31	399.09
Agg Base	30.04	53.19	305.87
Additional HMA	9.77	18.89	173.43

Material(s) at Station 2376+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	49.04
Borrow	9.70	26.31	380.78
Agg Base	27.41	51.13	252.67
Additional HMA	10.63	22.27	154.53

9

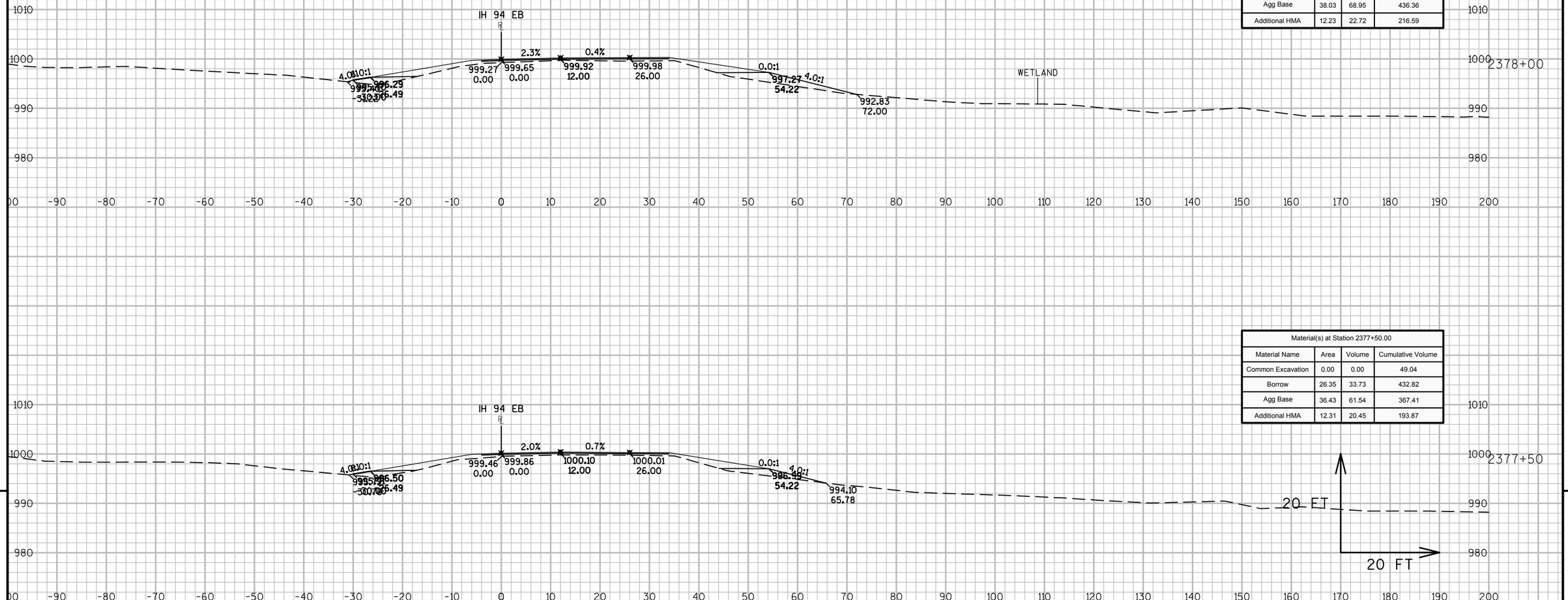
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 324	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (5)

PLOT DATE : 10/20/2014 10:18 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



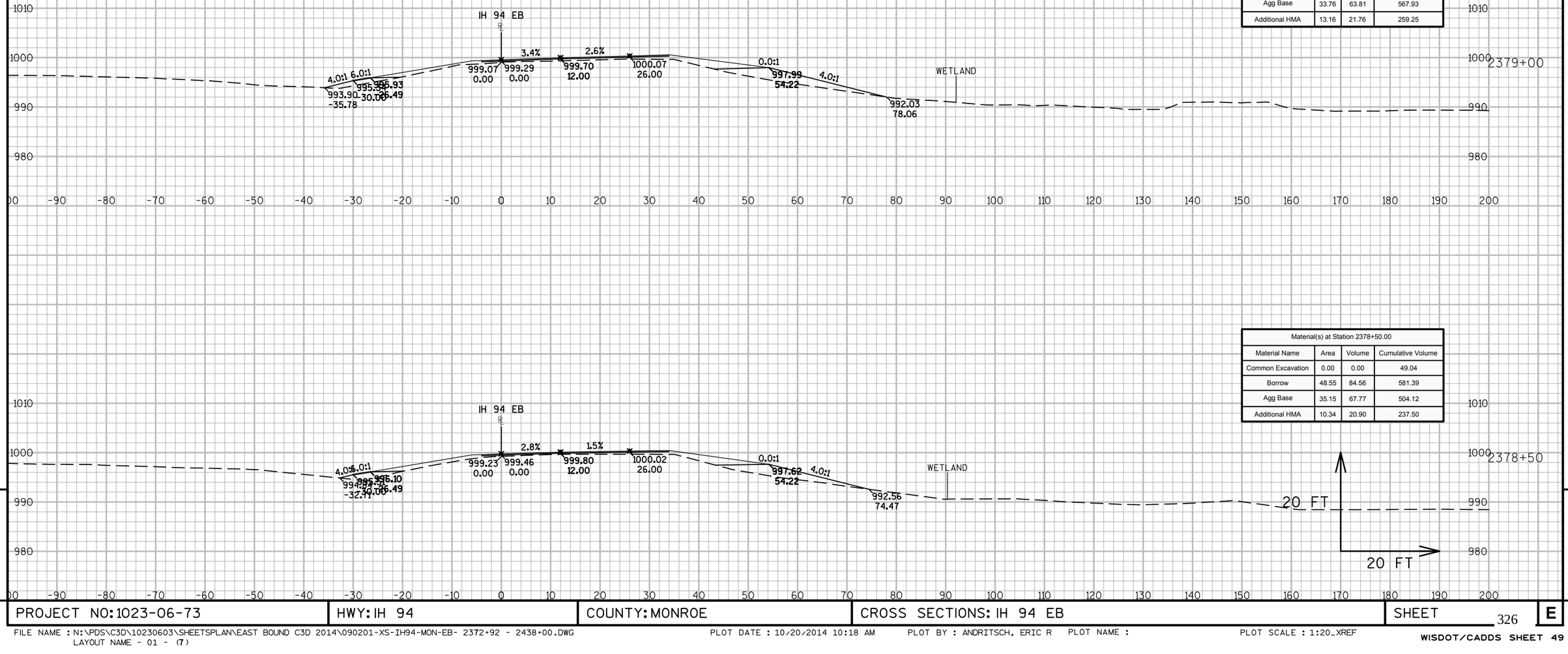
Material(s) at Station 2378+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	49.04
Borrow	42.78	64.01	496.83
Agg Base	38.03	68.95	436.36
Additional HMA	12.23	22.72	216.59

Material(s) at Station 2377+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	49.04
Borrow	26.35	33.73	432.82
Agg Base	36.43	61.54	367.41
Additional HMA	12.31	20.45	193.87

9 9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 325	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (6)
PLOT DATE : 10/20/2014 10:18 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2379+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	49.04
Borrow	55.40	96.25	677.64
Agg Base	33.76	63.81	567.93
Additional HMA	13.16	21.76	259.25

Material(s) at Station 2378+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	49.04
Borrow	48.55	84.56	581.39
Agg Base	35.15	67.77	504.12
Additional HMA	10.34	20.90	237.50

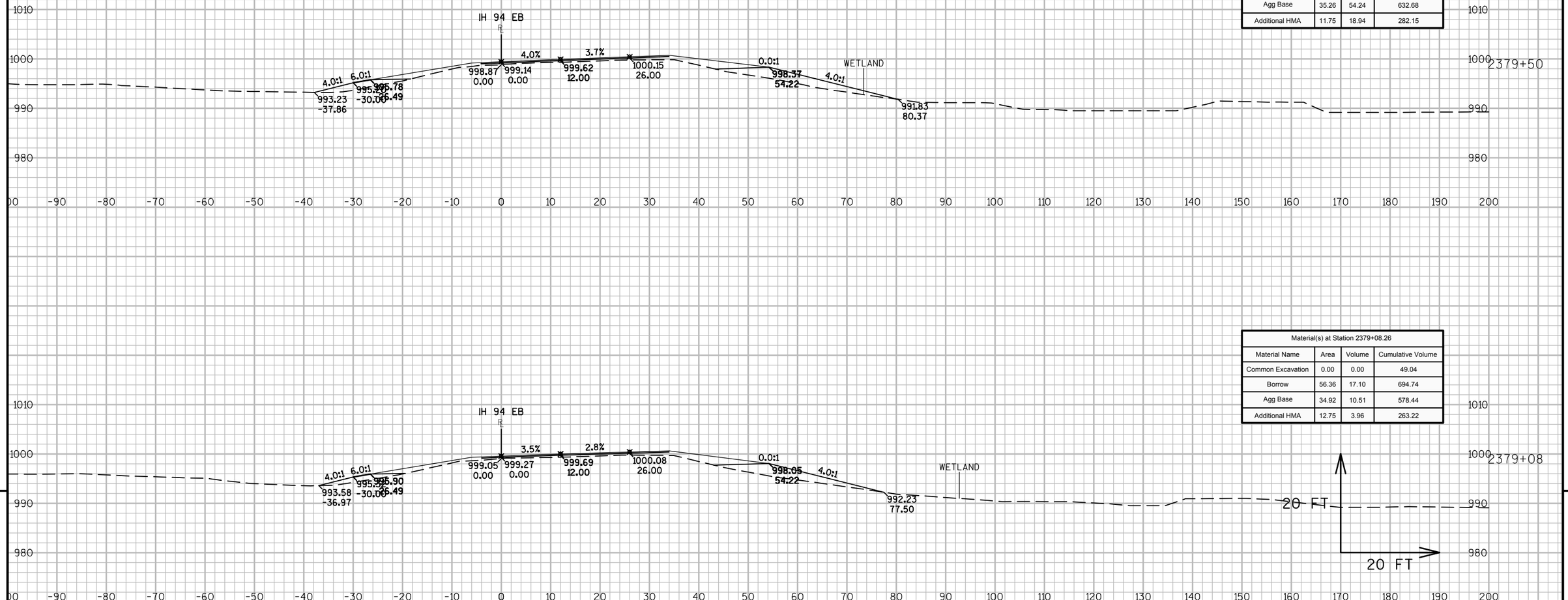
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 326	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (7)

PLOT DATE : 10/20/2014 10:18 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



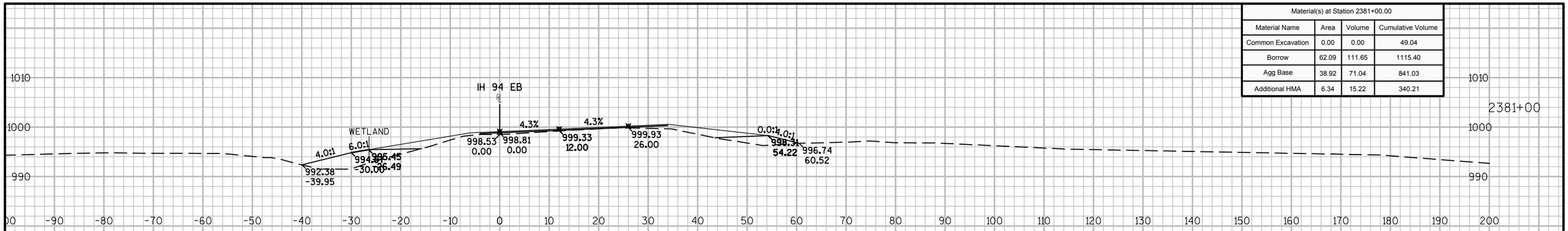
Material(s) at Station 2379+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	49.04
Borrow	65.66	94.32	789.06
Agg Base	35.26	54.24	632.68
Additional HMA	11.75	18.94	282.15

Material(s) at Station 2379+08.26			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	49.04
Borrow	56.36	17.10	694.74
Agg Base	34.92	10.51	578.44
Additional HMA	12.75	3.96	263.22

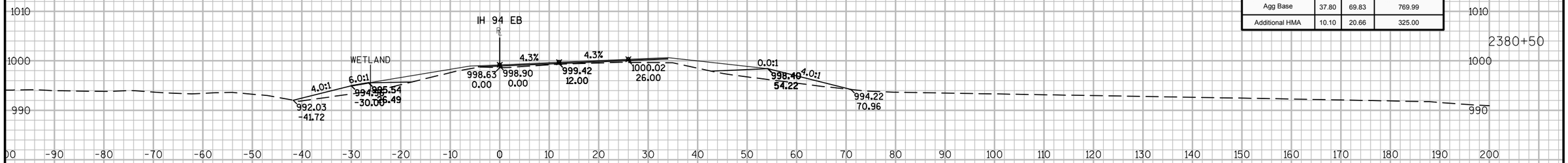
9

9

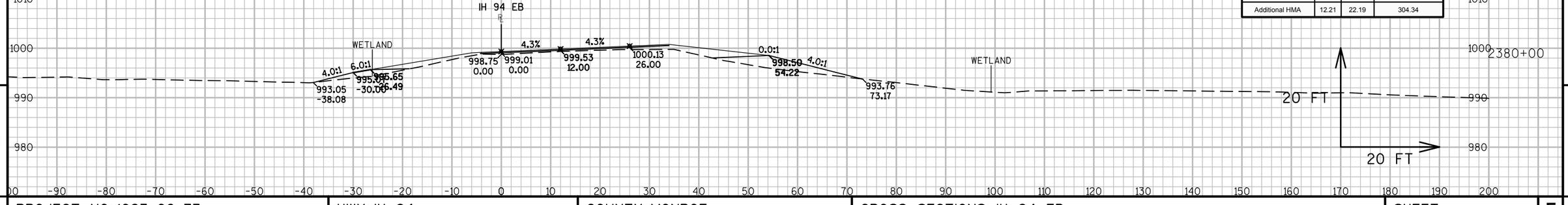
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 327	E



Material(s) at Station 2381+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	49.04
Borrow	62.09	111.65	1115.40
Agg Base	38.92	71.04	841.03
Additional HMA	6.34	15.22	340.21



Material(s) at Station 2380+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	49.04
Borrow	58.50	104.03	1003.75
Agg Base	37.80	69.83	769.99
Additional HMA	10.10	20.66	325.00



Material(s) at Station 2380+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	49.04
Borrow	53.86	110.67	899.72
Agg Base	37.62	67.48	700.16
Additional HMA	12.21	22.19	304.34

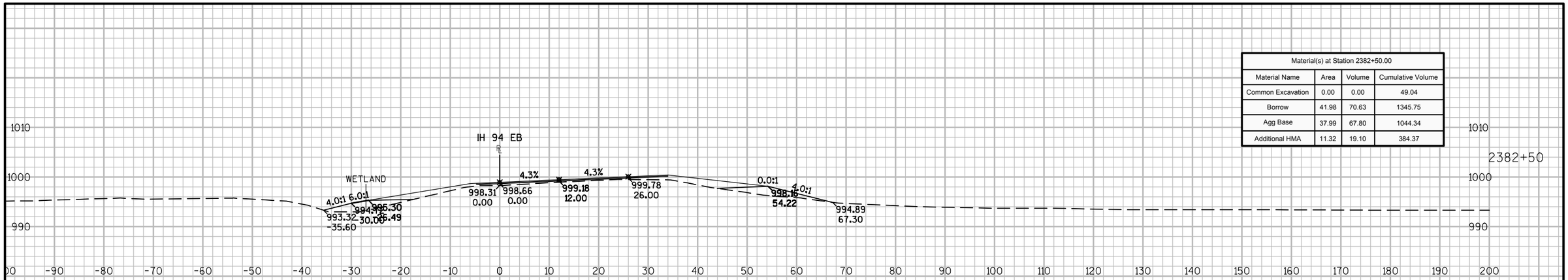
9

9

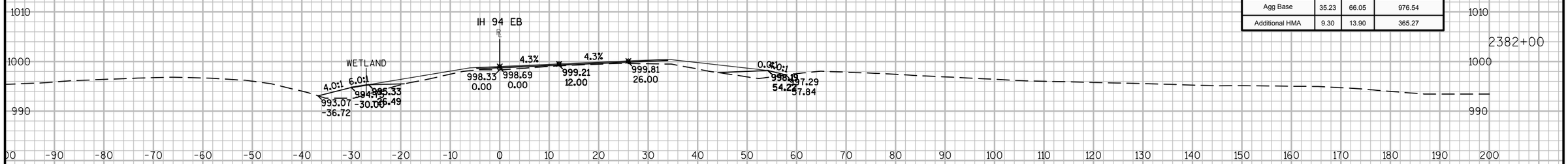
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 328	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (9)

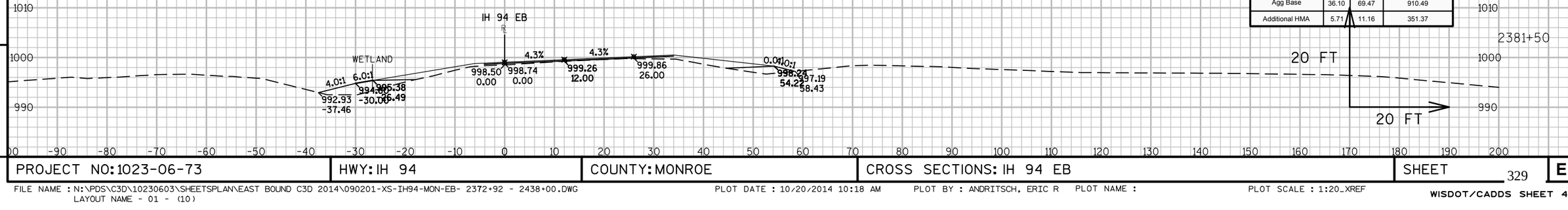
PLOT DATE : 10/20/2014 10:18 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2382+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	49.04
Borrow	41.98	70.63	1345.75
Agg Base	37.99	67.80	1044.34
Additional HMA	11.32	19.10	384.37



Material(s) at Station 2382+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	49.04
Borrow	34.30	67.00	1275.12
Agg Base	35.23	66.05	976.54
Additional HMA	9.30	13.90	365.27



Material(s) at Station 2381+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	49.04
Borrow	38.06	92.72	1208.13
Agg Base	36.10	69.47	910.49
Additional HMA	5.71	11.16	351.37

9

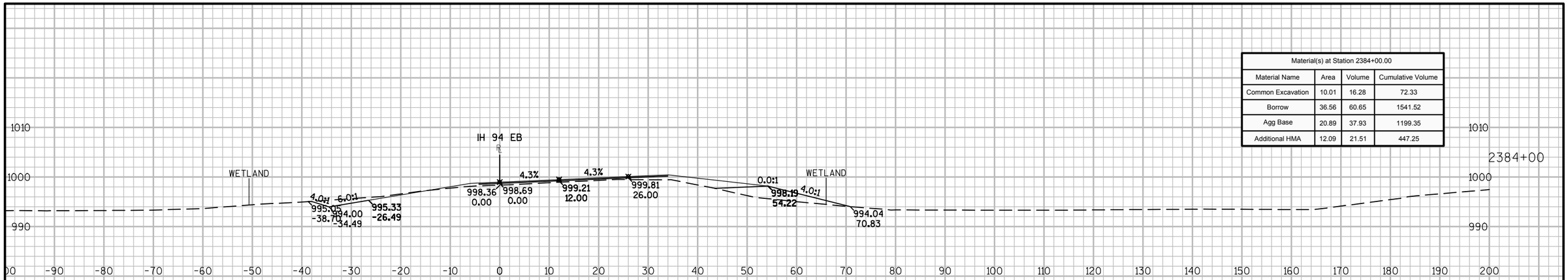
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 329	E

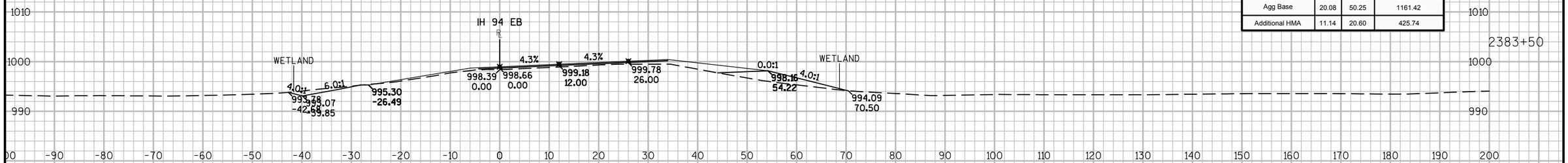
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (10)

PLOT DATE : 10/20/2014 10:18 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

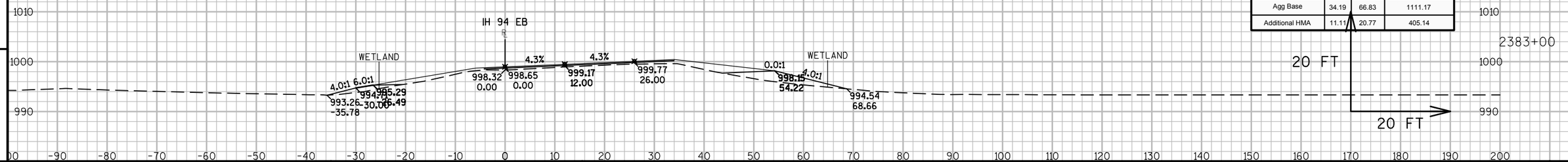
WISDOT/CADDS SHEET 49



Material(s) at Station 2384+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	10.01	16.28	72.33
Borrow	36.56	60.65	1541.52
Agg Base	20.89	37.93	1199.35
Additional HMA	12.09	21.51	447.25



Material(s) at Station 2383+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	7.58	7.01	56.05
Borrow	28.95	61.53	1480.87
Agg Base	20.08	50.25	1161.42
Additional HMA	11.14	20.60	425.74



Material(s) at Station 2383+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	49.04
Borrow	37.50	73.59	1419.34
Agg Base	34.19	66.83	1111.17
Additional HMA	11.11	20.77	405.14

9

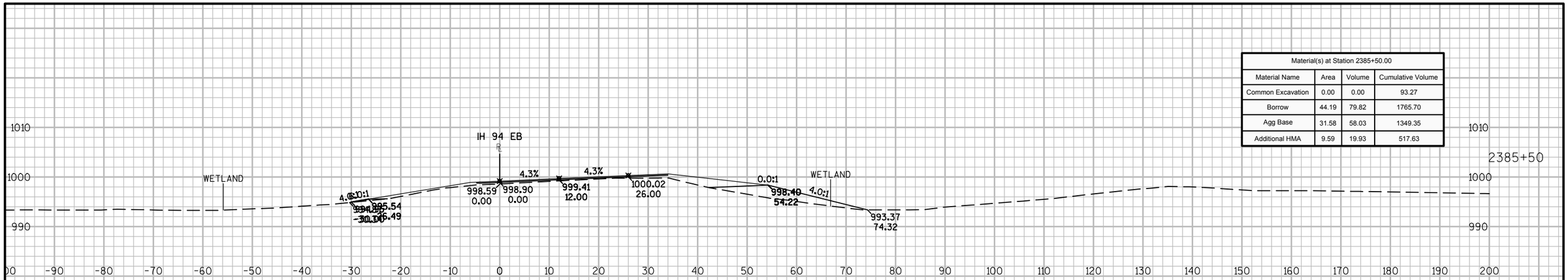
9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 330 | E

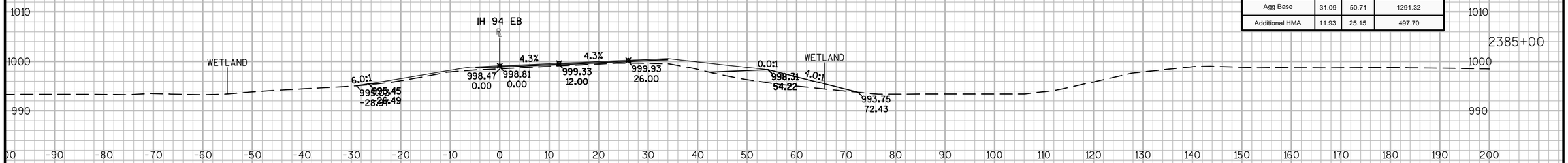
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (11)

PLOT DATE : 10/20/2014 10:19 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

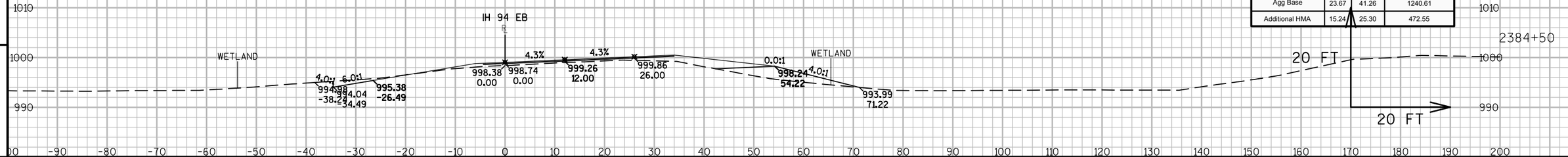
WISDOT/CADDS SHEET 49



Material(s) at Station 2385+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	93.27
Borrow	44.19	79.82	1765.70
Agg Base	31.58	58.03	1349.35
Additional HMA	9.59	19.93	517.63



Material(s) at Station 2385+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	5.83	93.27
Borrow	42.02	74.71	1685.88
Agg Base	31.09	50.71	1291.32
Additional HMA	11.93	25.15	497.70

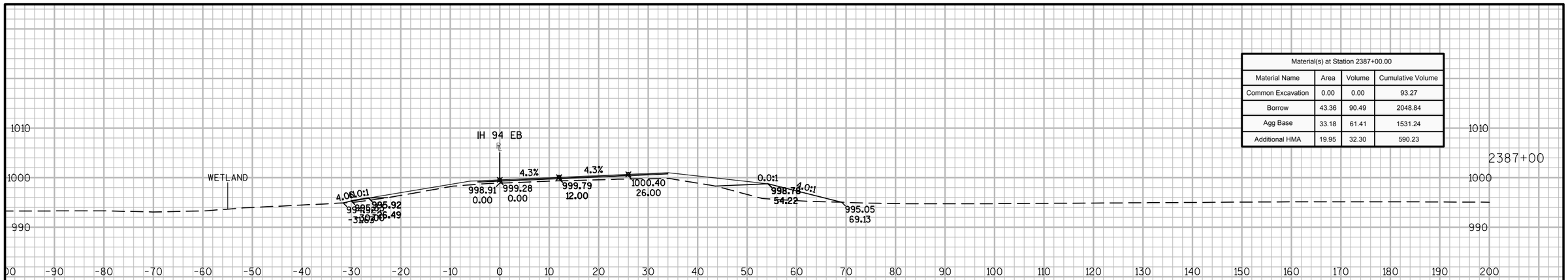


Material(s) at Station 2384+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	6.30	15.10	87.43
Borrow	38.67	69.65	1611.17
Agg Base	23.67	41.26	1240.61
Additional HMA	15.24	25.30	472.55

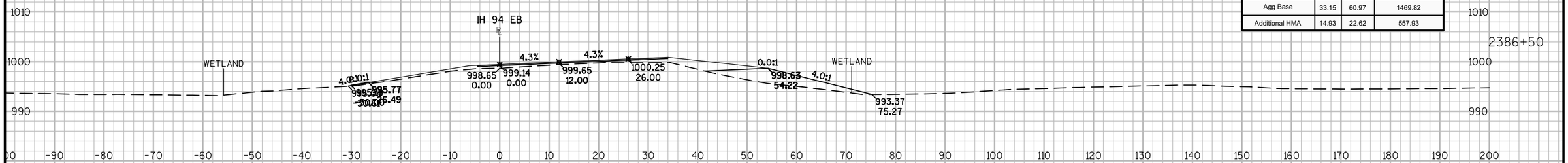
9 9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 331 | E

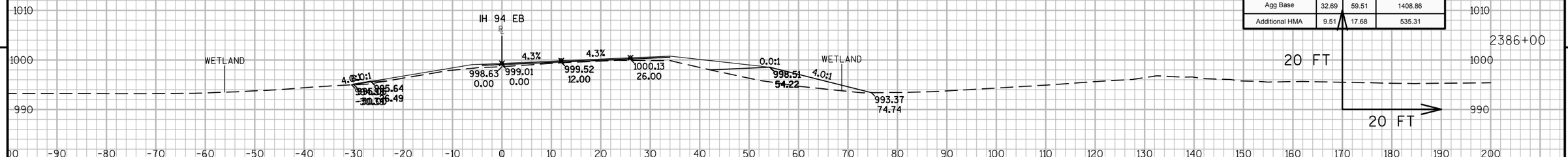
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (12)
PLOT DATE : 10/20/2014 10:19 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2387+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	93.27
Borrow	43.36	90.49	2048.84
Agg Base	33.18	61.41	1531.24
Additional HMA	19.95	32.30	590.23



Material(s) at Station 2386+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	93.27
Borrow	54.36	101.03	1958.35
Agg Base	33.15	60.97	1469.82
Additional HMA	14.93	22.62	557.93

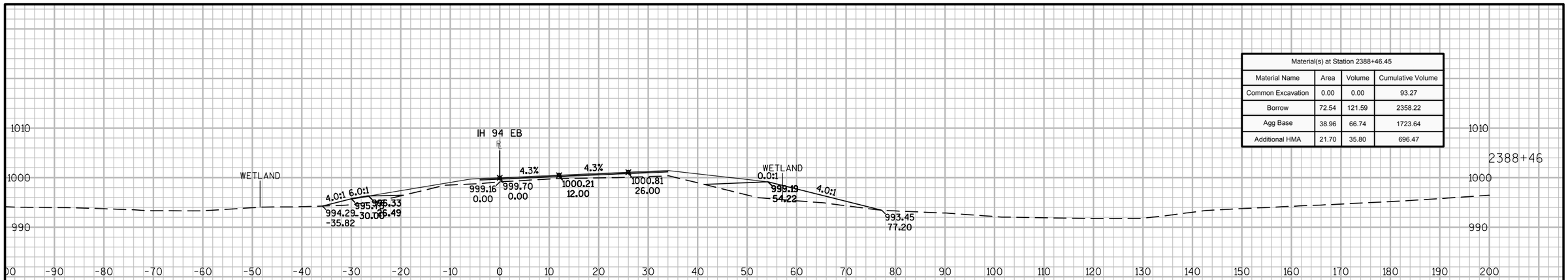


Material(s) at Station 2386+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	93.27
Borrow	54.76	91.62	1857.31
Agg Base	32.69	59.51	1408.86
Additional HMA	9.51	17.68	535.31

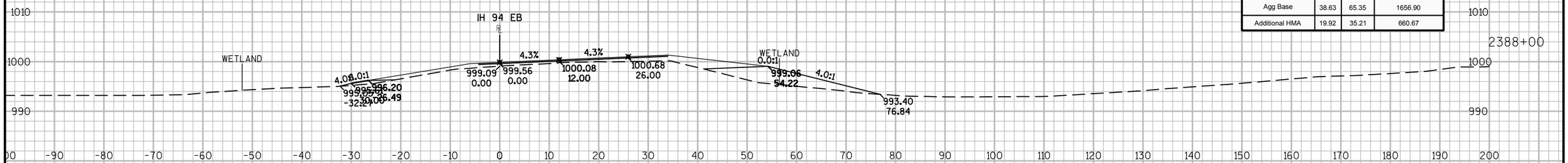
9 9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 332 | E

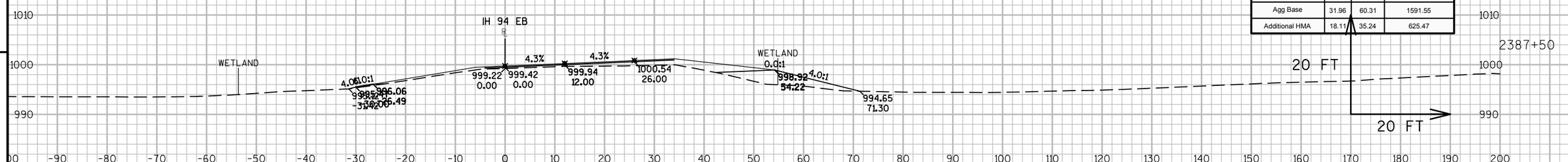
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (13)
PLOT DATE : 10/20/2014 10:19 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2388+46.45			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	93.27
Borrow	72.54	121.59	2358.22
Agg Base	38.96	66.74	1723.64
Additional HMA	21.70	35.80	696.47



Material(s) at Station 2388+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	93.27
Borrow	68.82	105.68	2236.63
Agg Base	38.63	65.35	1656.90
Additional HMA	19.92	35.21	660.67



Material(s) at Station 2387+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	93.27
Borrow	45.31	82.11	2130.94
Agg Base	31.96	60.31	1591.55
Additional HMA	18.11	35.24	625.47

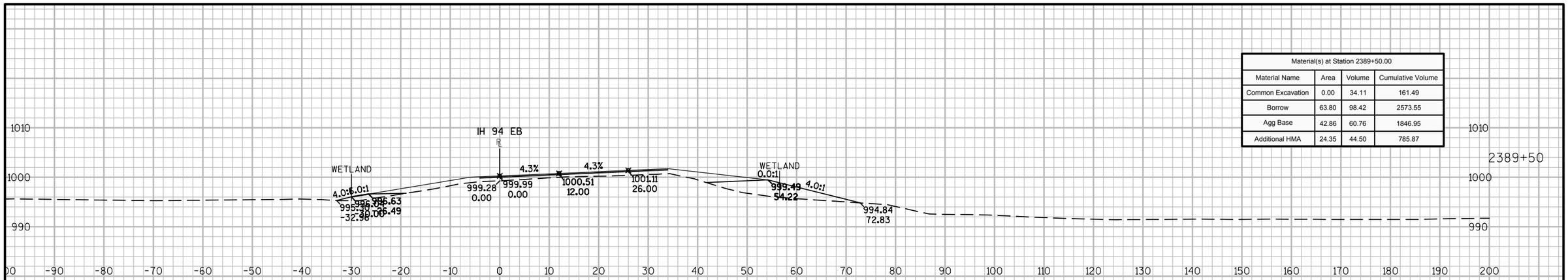
9

9

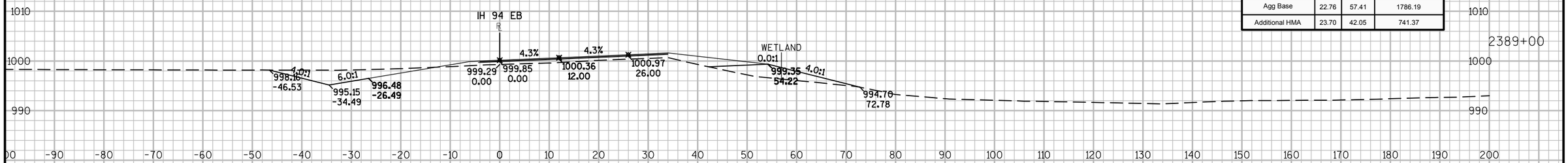
PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 333 | E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (14)

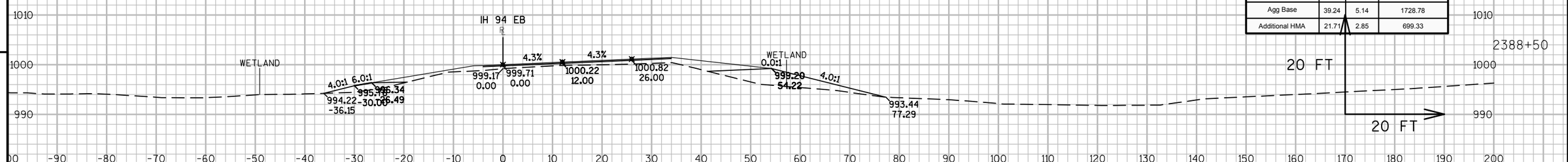
PLOT DATE : 10/20/2014 10:19 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2389+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	34.11	161.49
Borrow	63.80	98.42	2573.55
Agg Base	42.86	60.76	1846.95
Additional HMA	24.35	44.50	785.87



Material(s) at Station 2389+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	36.84	34.11	127.38
Borrow	42.50	107.31	2475.13
Agg Base	22.76	57.41	1786.19
Additional HMA	23.70	42.05	741.37



Material(s) at Station 2388+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	93.27
Borrow	73.40	9.60	2367.81
Agg Base	39.24	5.14	1728.78
Additional HMA	21.71	2.85	699.33

9

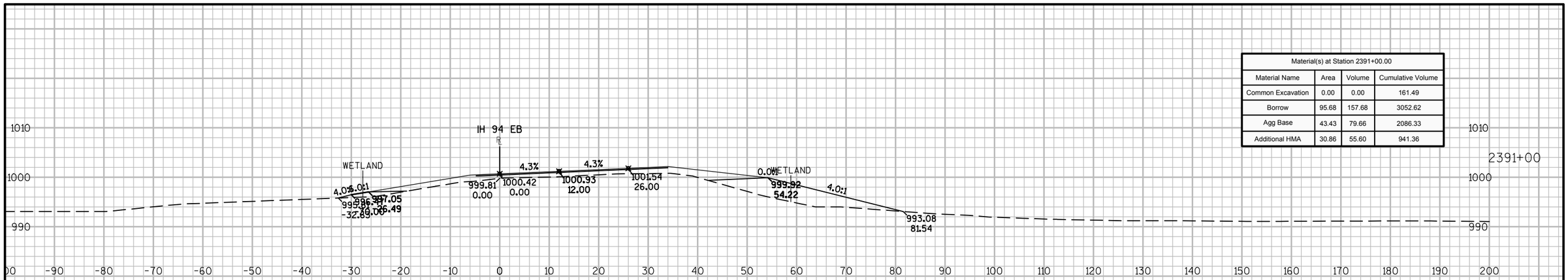
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 334	E

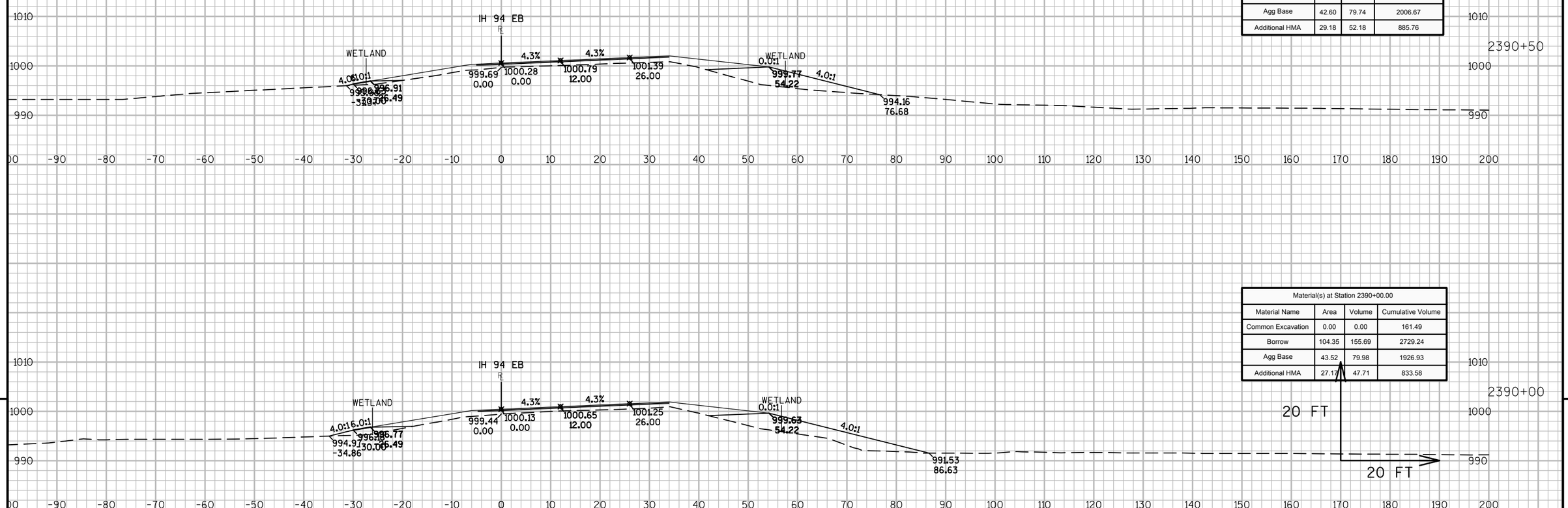
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (15)

PLOT DATE : 10/20/2014 10:19 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2391+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	95.68	157.68	3052.62
Agg Base	43.43	79.66	2086.33
Additional HMA	30.86	55.60	941.36



Material(s) at Station 2390+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	74.61	165.70	2894.94
Agg Base	42.60	79.74	2006.67
Additional HMA	29.18	52.18	885.76

Material(s) at Station 2390+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	104.35	155.69	2729.24
Agg Base	43.52	79.98	1926.93
Additional HMA	27.17	47.71	833.58

9

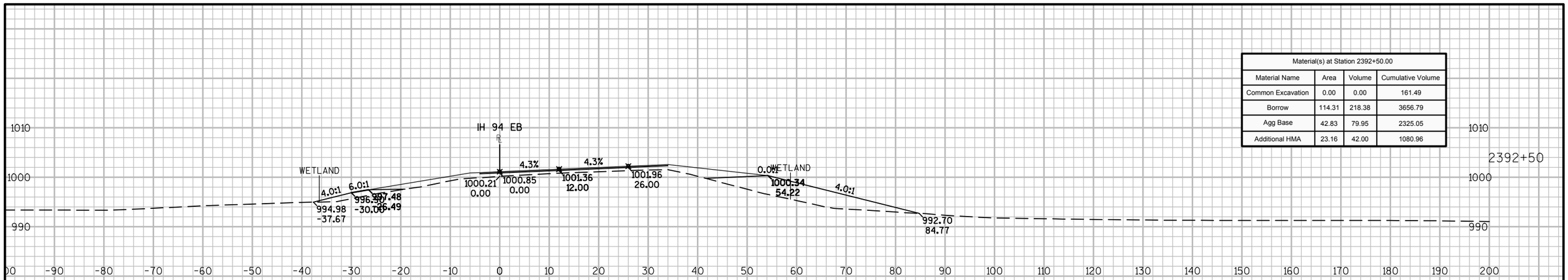
9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 335 | E

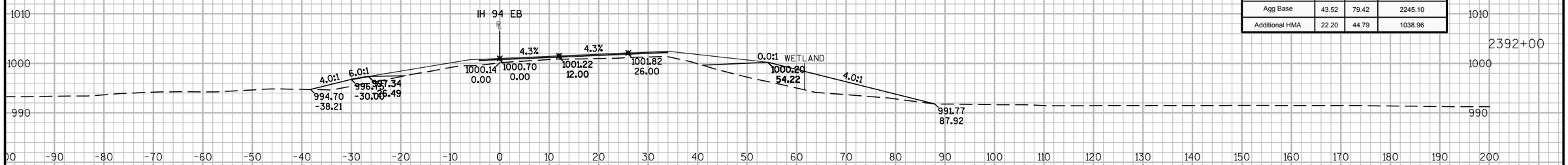
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (16)

PLOT DATE : 10/20/2014 10:19 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

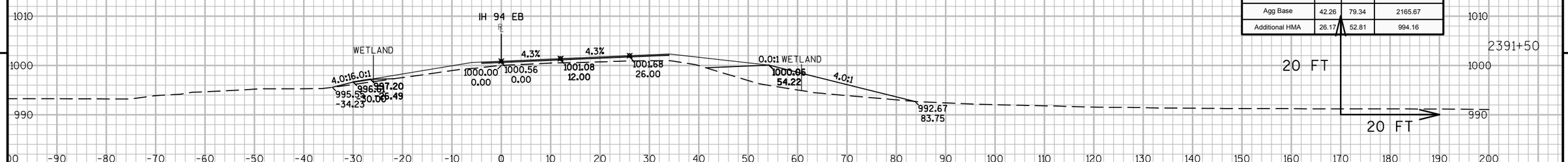
WISDOT/CADDS SHEET 49



Material(s) at Station 2392+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	114.31	218.38	3656.79
Agg Base	42.83	79.95	2325.05
Additional HMA	23.16	42.00	1080.96



Material(s) at Station 2392+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	121.54	204.87	3438.41
Agg Base	43.52	79.42	2245.10
Additional HMA	22.20	44.79	1038.96



Material(s) at Station 2391+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	99.72	180.92	3233.54
Agg Base	42.26	79.34	2165.67
Additional HMA	26.17	52.81	994.16

9

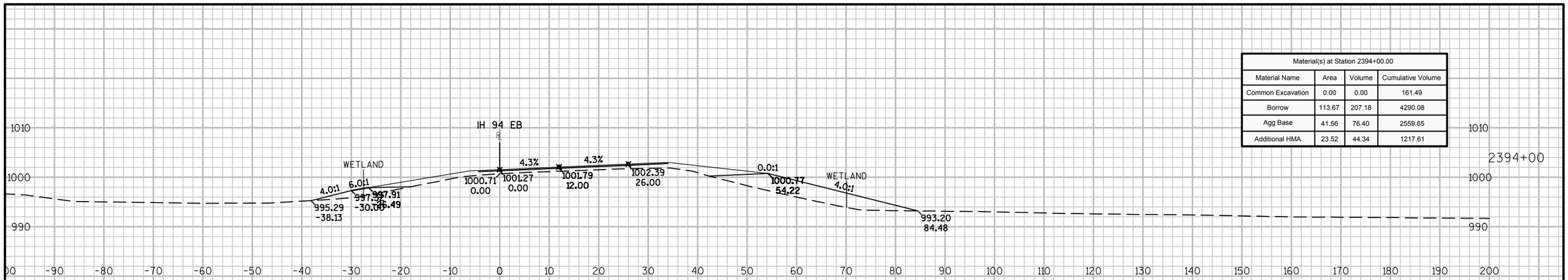
9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 336 | E

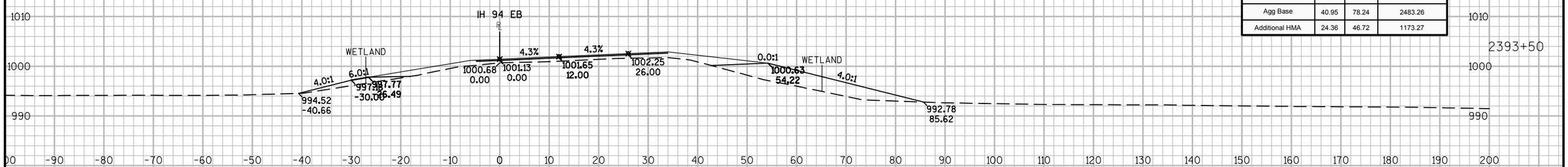
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (17)

PLOT DATE : 10/20/2014 10:19 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

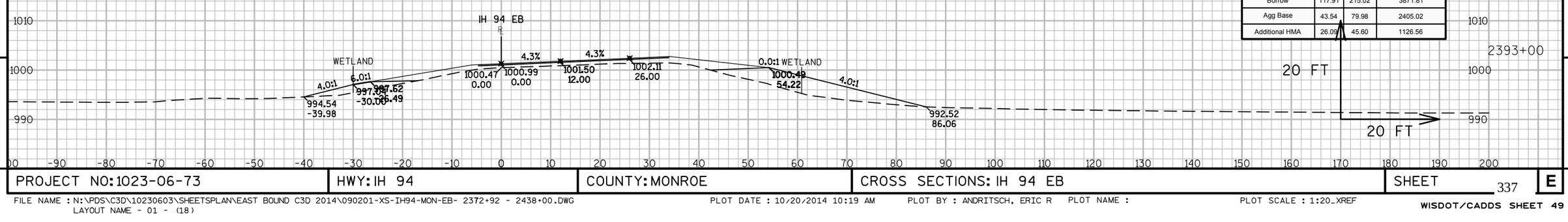
WISDOT/CADDS SHEET 49



Material(s) at Station 2394+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	113.67	207.18	4290.08
Agg Base	41.56	76.40	2559.65
Additional HMA	23.52	44.34	1217.61



Material(s) at Station 2393+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	110.08	211.10	4082.90
Agg Base	40.95	78.24	2483.26
Additional HMA	24.36	46.72	1173.27

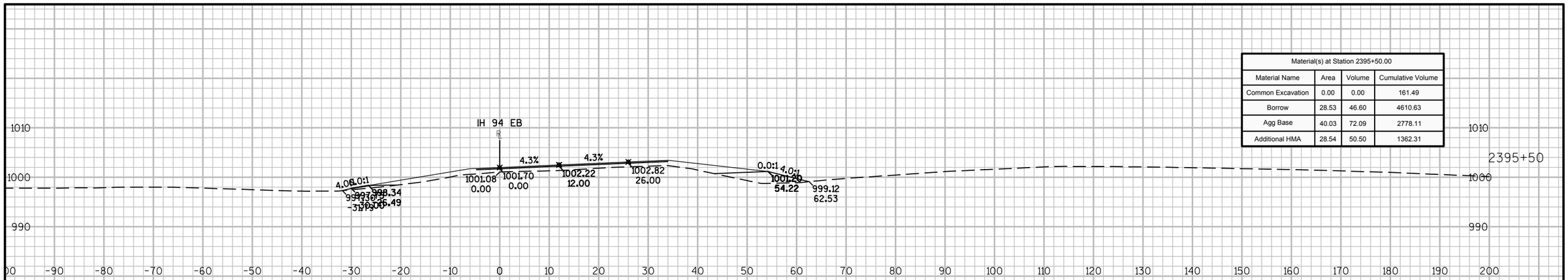


Material(s) at Station 2393+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	117.91	215.02	3871.81
Agg Base	43.54	79.98	2405.02
Additional HMA	26.09	45.60	1126.56

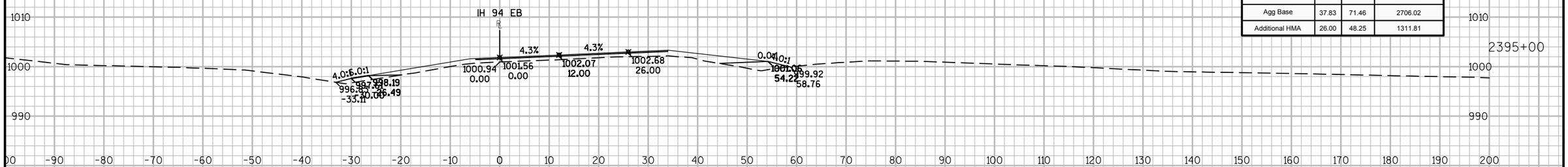
9 9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 337 | E

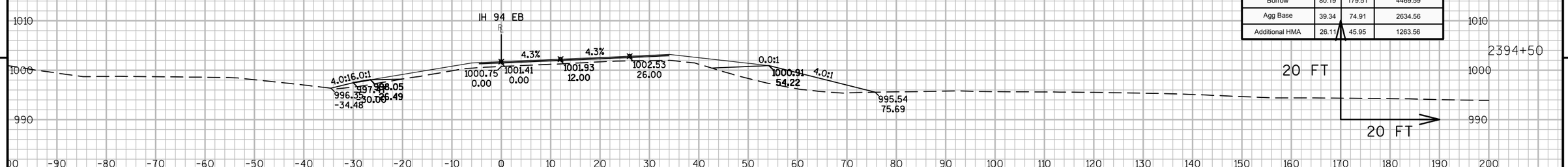
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (18)
PLOT DATE : 10/20/2014 10:19 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2395+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	28.53	46.60	4610.63
Agg Base	40.03	72.09	2778.11
Additional HMA	28.54	50.50	1362.31



Material(s) at Station 2395+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	21.80	94.44	4564.02
Agg Base	37.83	71.46	2706.02
Additional HMA	26.00	48.25	1311.81

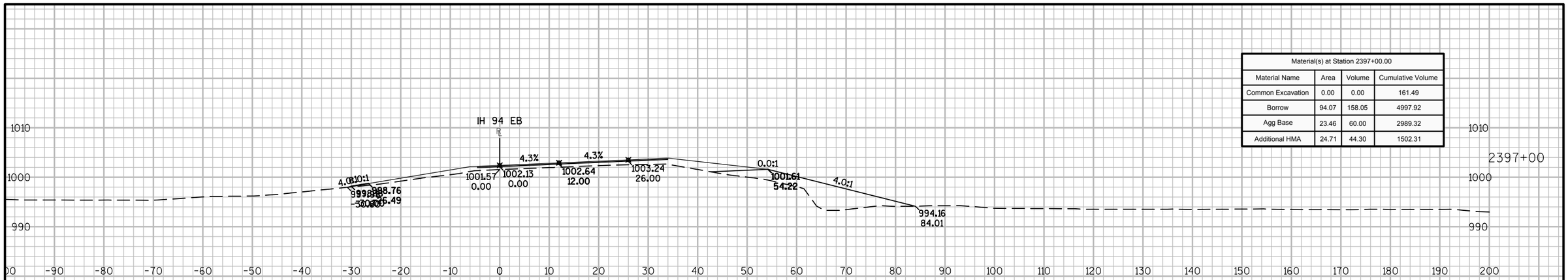


Material(s) at Station 2394+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	80.19	179.51	4469.59
Agg Base	39.34	74.91	2634.56
Additional HMA	26.11	45.95	1263.56

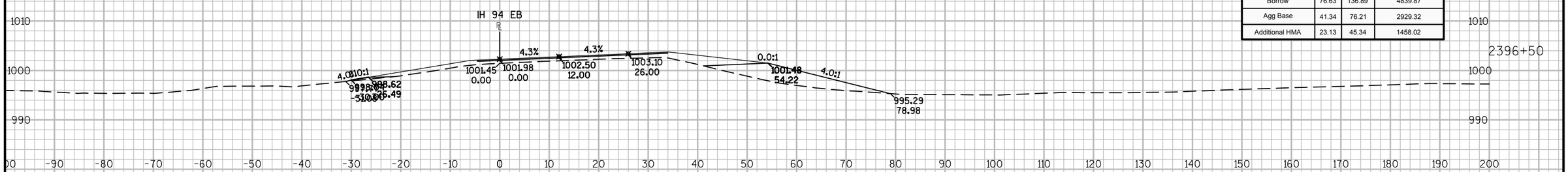
9 9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 338	E

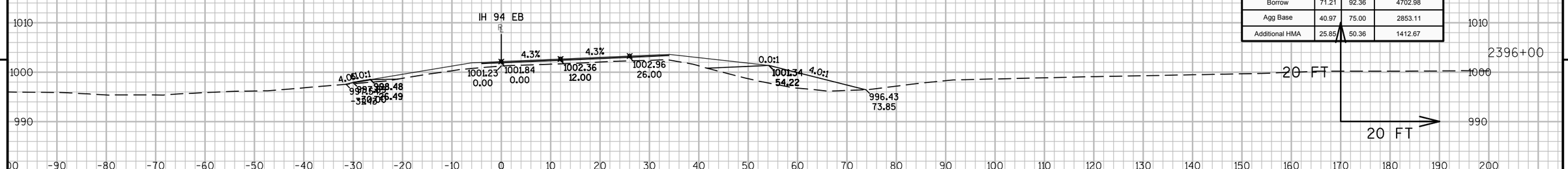
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (19)
PLOT DATE : 10/20/2014 10:19 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2397+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	94.07	158.05	4997.92
Agg Base	23.46	60.00	2989.32
Additional HMA	24.71	44.30	1502.31



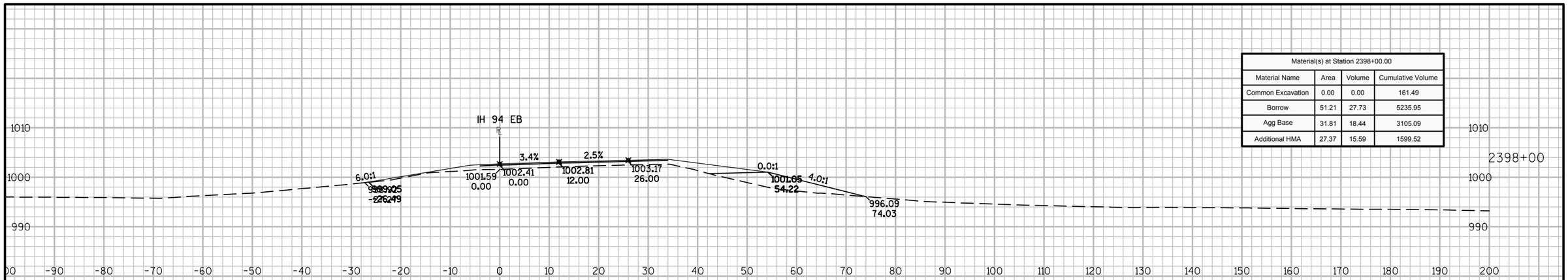
Material(s) at Station 2396+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	76.63	136.89	4839.87
Agg Base	41.34	76.21	2929.32
Additional HMA	23.13	45.34	1458.02



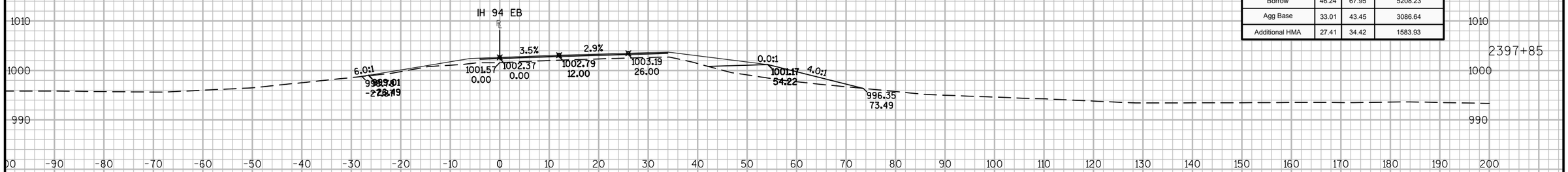
Material(s) at Station 2396+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	71.21	92.36	4702.98
Agg Base	40.97	75.00	2853.11
Additional HMA	25.85	50.36	1412.67

9 9

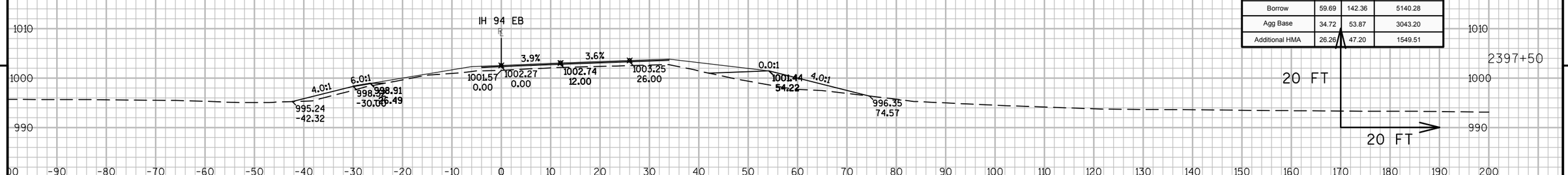
PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 339 | E



Material(s) at Station 2398+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	51.21	27.73	5235.95
Agg Base	31.81	18.44	3105.09
Additional HMA	27.37	15.59	1599.52



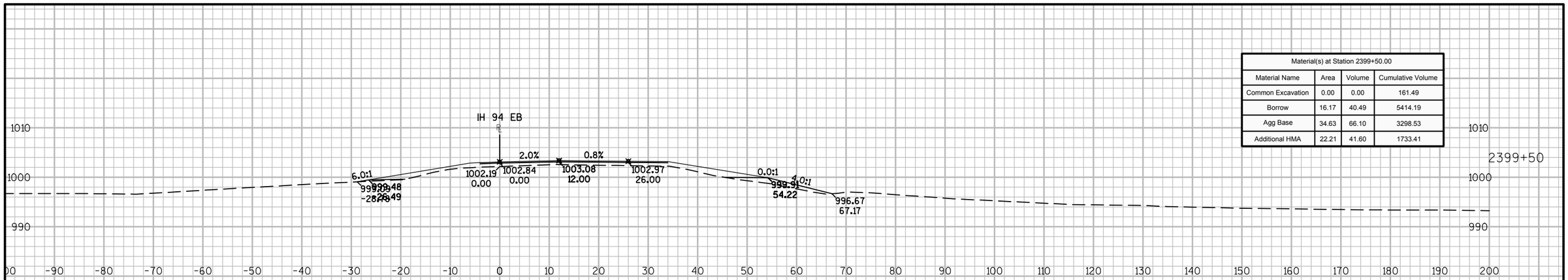
Material(s) at Station 2397+84.64			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	46.24	67.95	5208.23
Agg Base	33.01	43.45	3086.64
Additional HMA	27.41	34.42	1583.93



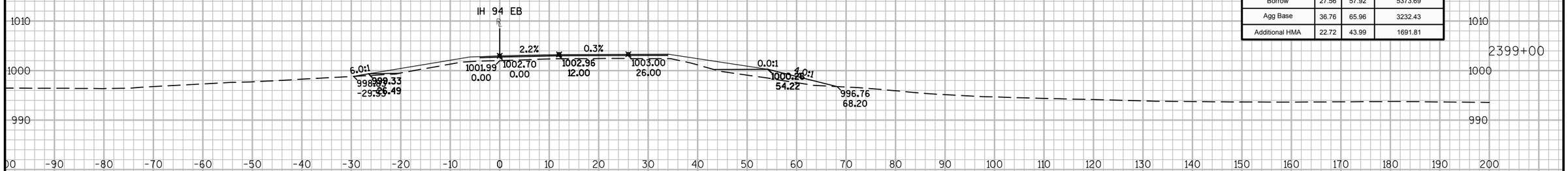
Material(s) at Station 2397+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	59.69	142.36	5140.28
Agg Base	34.72	53.87	3043.20
Additional HMA	26.26	47.20	1549.51

9 9

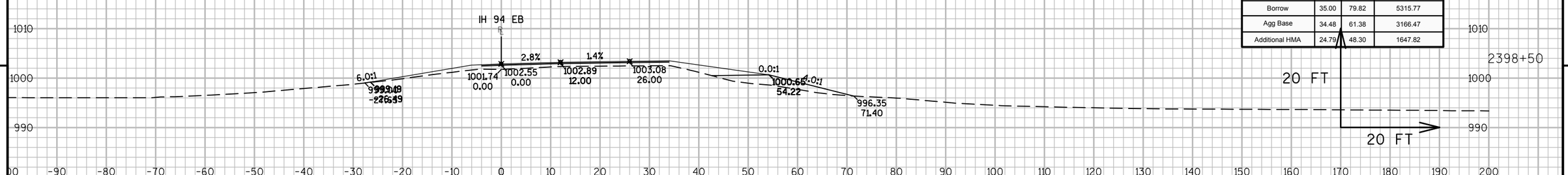
PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 340 E



Material(s) at Station 2399+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	16.17	40.49	5414.19
Agg Base	34.63	66.10	3298.53
Additional HMA	22.21	41.60	1733.41



Material(s) at Station 2399+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	27.56	57.92	5373.69
Agg Base	36.76	65.96	3232.43
Additional HMA	22.72	43.99	1691.81

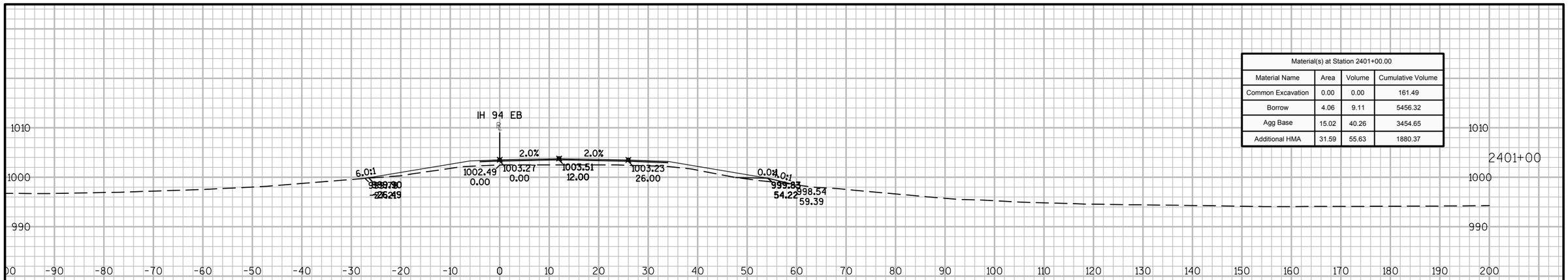


Material(s) at Station 2398+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	35.00	79.82	5315.77
Agg Base	34.48	61.38	3166.47
Additional HMA	24.79	48.30	1647.82

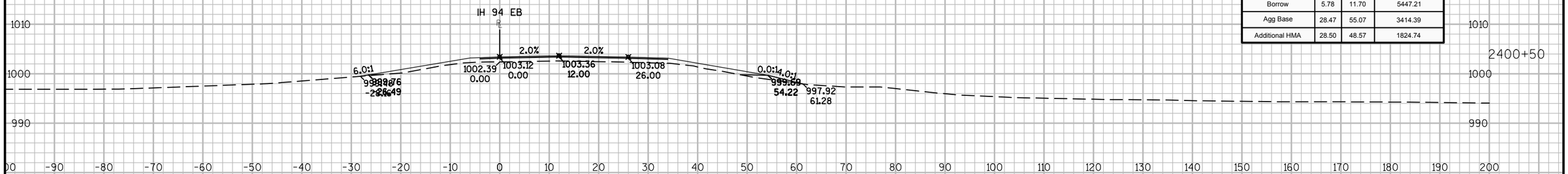
9 9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 341	E

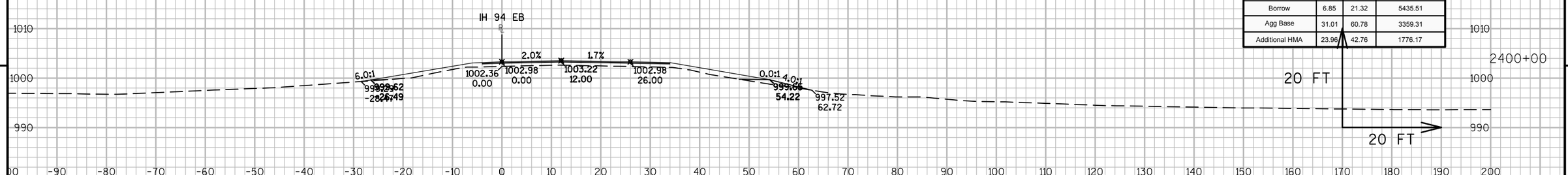
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (22)
PLOT DATE : 10/20/2014 10:20 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2401+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	4.06	9.11	5456.32
Agg Base	15.02	40.26	3454.65
Additional HMA	31.59	55.63	1880.37



Material(s) at Station 2400+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	5.78	11.70	5447.21
Agg Base	28.47	55.07	3414.39
Additional HMA	28.50	48.57	1824.74



Material(s) at Station 2400+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	6.85	21.32	5435.51
Agg Base	31.01	60.78	3359.31
Additional HMA	23.96	42.76	1776.17

9

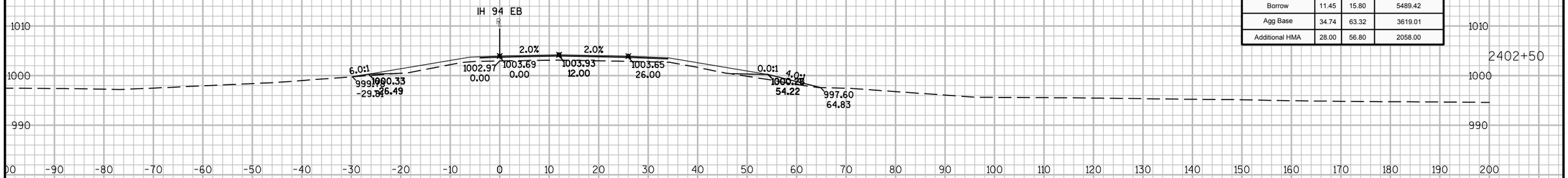
9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 342 | E

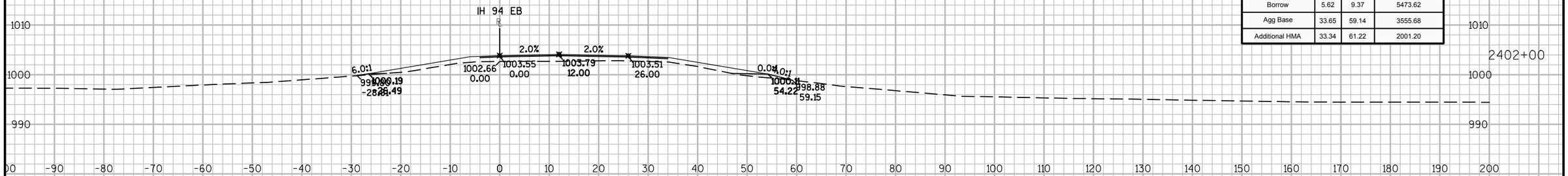
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (23)

PLOT DATE : 10/20/2014 10:20 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

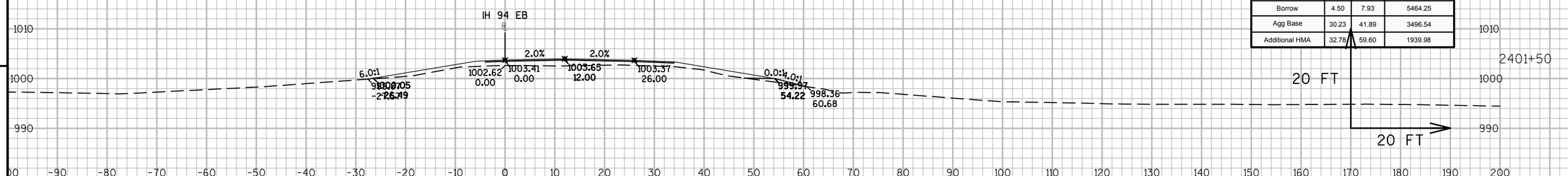
WISDOT/CADDS SHEET 49



Material(s) at Station 2402+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	11.45	15.80	5489.42
Agg Base	34.74	63.32	3619.01
Additional HMA	28.00	56.80	2058.00



Material(s) at Station 2402+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	5.62	9.37	5473.62
Agg Base	33.65	59.14	3555.68
Additional HMA	33.34	61.22	2001.20



Material(s) at Station 2401+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	4.50	7.93	5464.25
Agg Base	30.23	41.89	3496.54
Additional HMA	32.78	59.60	1939.98

9

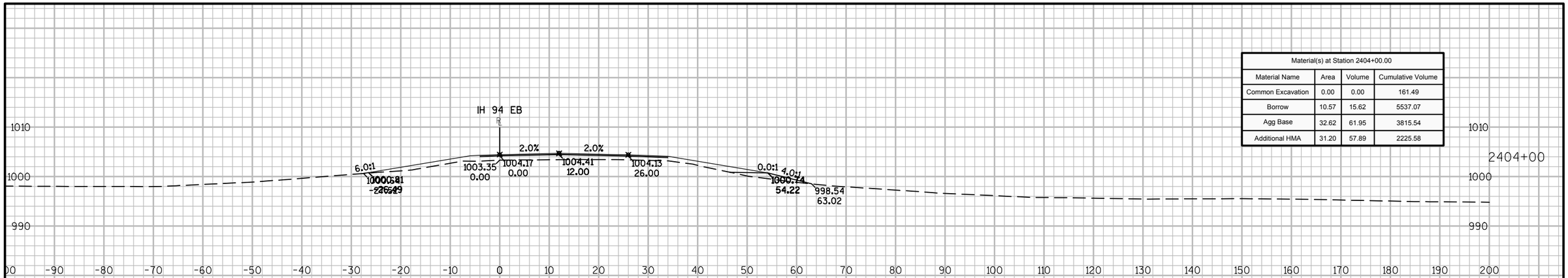
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 343	E

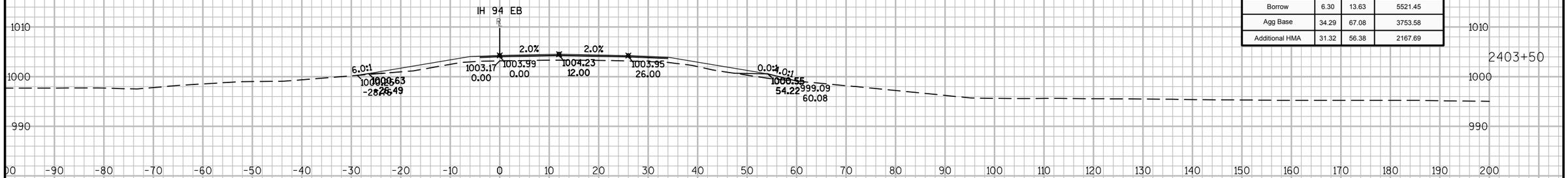
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (24)

PLOT DATE : 10/20/2014 10:20 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

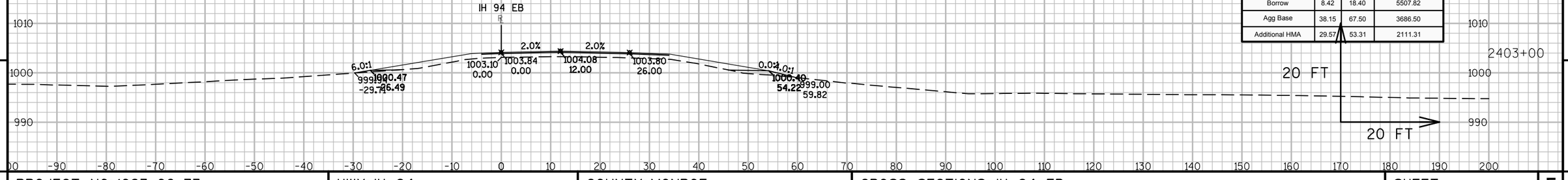
WISDOT/CADDS SHEET 49



Material(s) at Station 2404+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	10.57	15.62	5537.07
Agg Base	32.62	61.95	3815.54
Additional HMA	31.20	57.89	2225.58



Material(s) at Station 2403+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	6.30	13.63	5521.45
Agg Base	34.29	67.08	3753.58
Additional HMA	31.32	56.38	2167.69



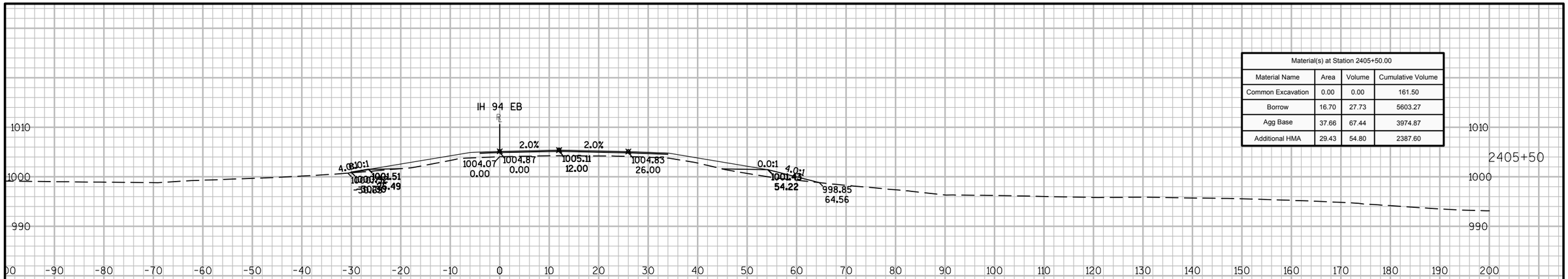
Material(s) at Station 2403+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.49
Borrow	8.42	18.40	5507.82
Agg Base	38.15	67.50	3686.50
Additional HMA	29.57	53.31	2111.31

9 9

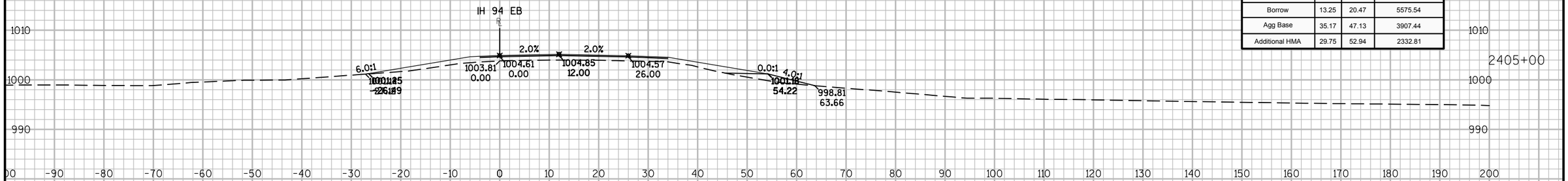
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 344	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (25)

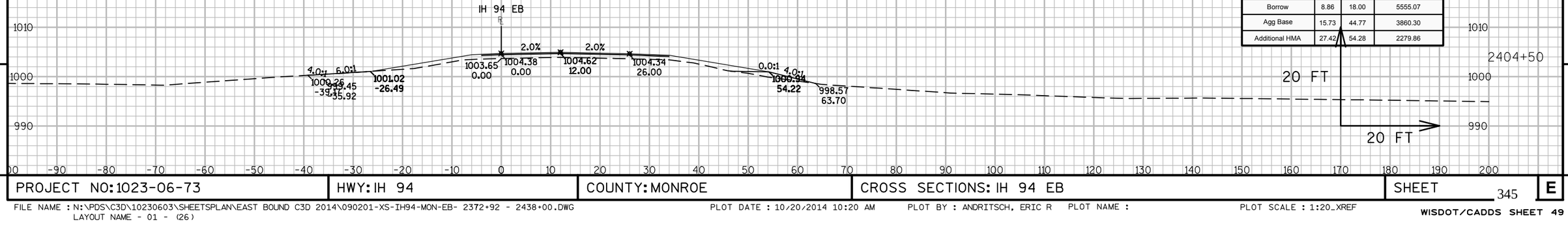
PLOT DATE : 10/20/2014 10:20 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2405+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.50
Borrow	16.70	27.73	5603.27
Agg Base	37.66	67.44	3974.87
Additional HMA	29.43	54.80	2387.60



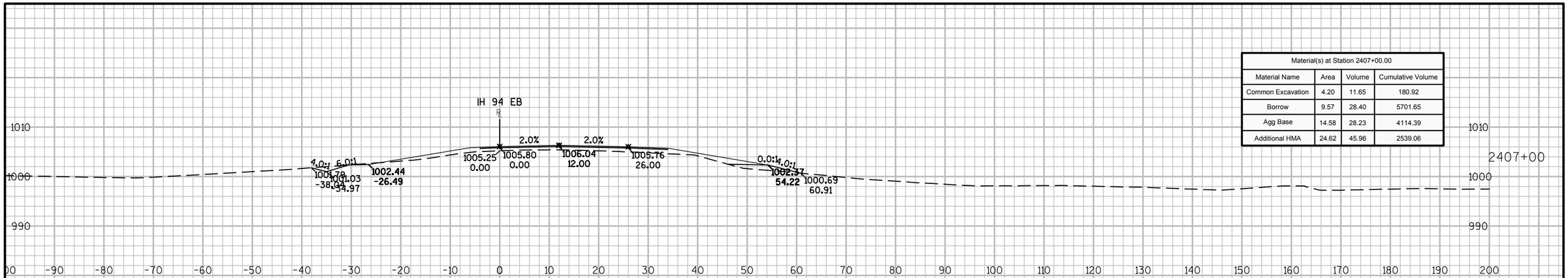
Material(s) at Station 2405+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.50
Borrow	13.25	20.47	5575.54
Agg Base	35.17	47.13	3907.44
Additional HMA	29.75	52.94	2332.81



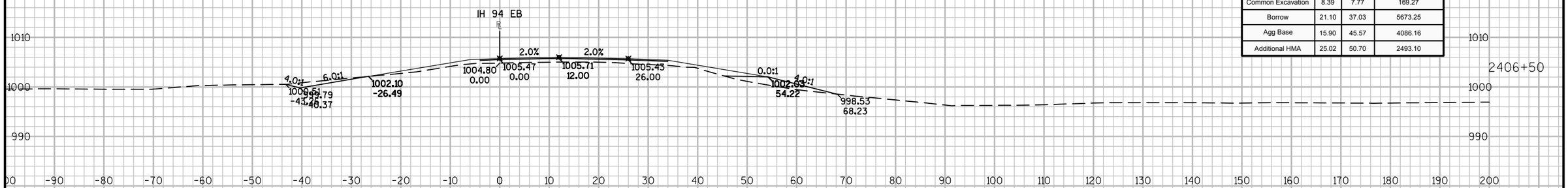
Material(s) at Station 2404+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.50
Borrow	8.86	18.00	5555.07
Agg Base	15.73	44.77	3860.30
Additional HMA	27.42	54.28	2279.86

9 9

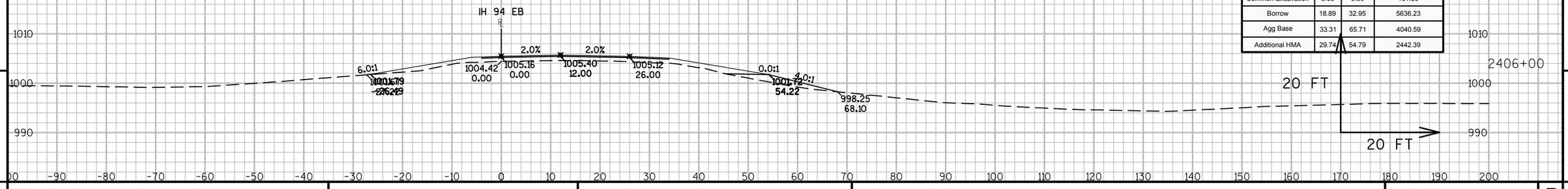
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 345	E



Material(s) at Station 2407+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	4.20	11.65	180.92
Borrow	9.57	28.40	5701.65
Agg Base	14.58	28.23	4114.39
Additional HMA	24.62	45.96	2539.06



Material(s) at Station 2406+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	8.39	7.77	169.27
Borrow	21.10	37.03	5673.25
Agg Base	15.90	45.57	4086.16
Additional HMA	25.02	50.70	2493.10



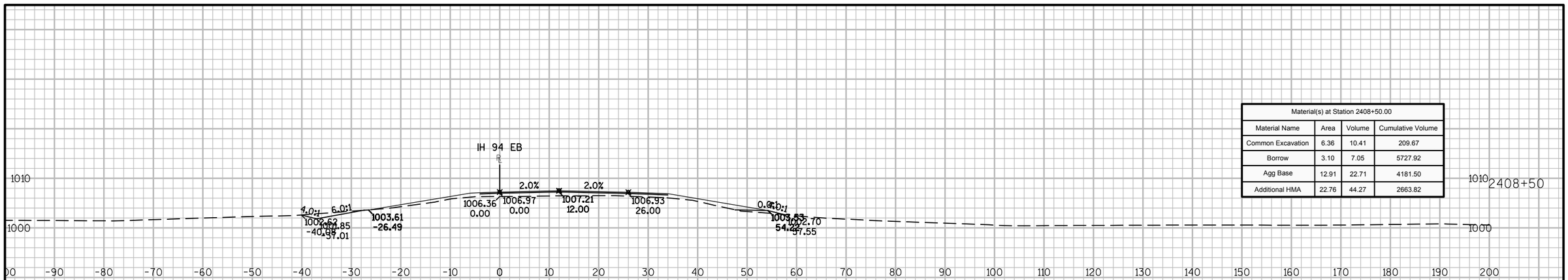
Material(s) at Station 2406+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	161.50
Borrow	18.89	32.95	5636.23
Agg Base	33.31	65.71	4040.59
Additional HMA	29.74	54.79	2442.39

9 9

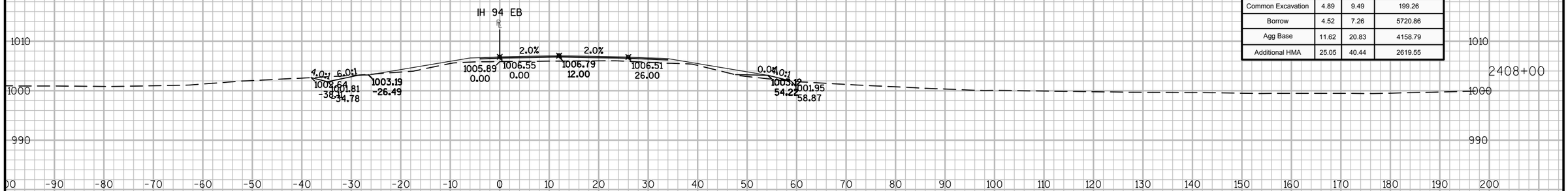
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 346 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (27)

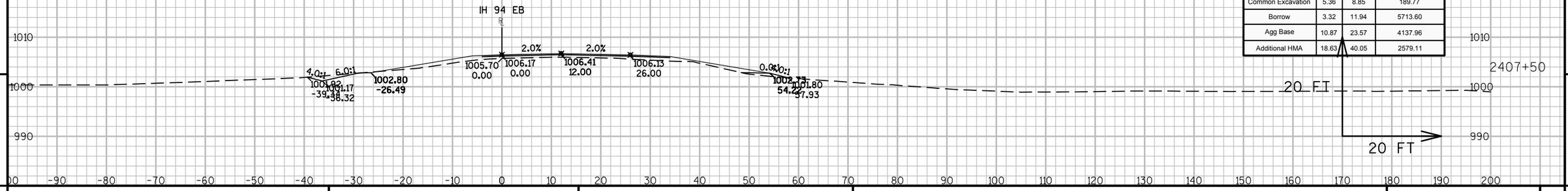
PLOT DATE : 10/20/2014 10:20 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2408+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	6.36	10.41	209.67
Borrow	3.10	7.05	5727.92
Agg Base	12.91	22.71	4181.50
Additional HMA	22.76	44.27	2663.82



Material(s) at Station 2408+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	4.89	9.49	199.26
Borrow	4.52	7.26	5720.86
Agg Base	11.62	20.83	4158.79
Additional HMA	25.05	40.44	2619.55



Material(s) at Station 2407+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	5.36	8.85	189.77
Borrow	3.32	11.94	5713.60
Agg Base	10.87	23.57	4137.96
Additional HMA	18.63	40.05	2579.11

9 9

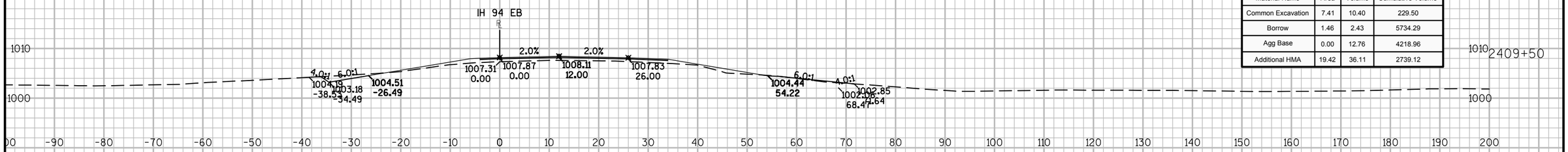
PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 347 | E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (28)

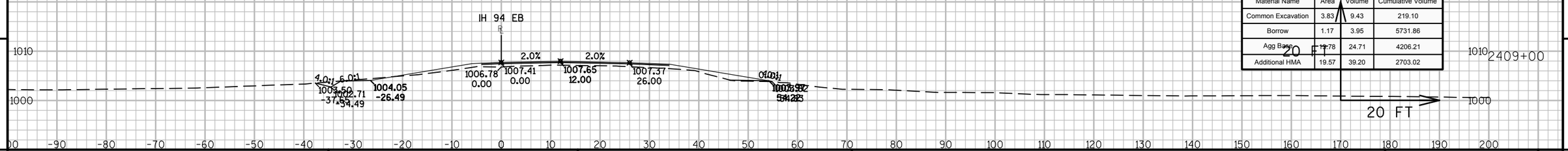
PLOT DATE : 10/20/2014 10:20 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2410+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	4.84	11.34	240.84
Borrow	2.82	3.96	5738.25
Agg Base	12.02	11.13	4230.09
Additional HMA	19.10	35.67	2774.79



Material(s) at Station 2409+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	7.41	10.40	229.50
Borrow	1.46	2.43	5734.29
Agg Base	0.00	12.76	4218.96
Additional HMA	19.42	36.11	2739.12



Material(s) at Station 2409+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	3.83	9.43	219.10
Borrow	1.17	3.95	5731.86
Agg Base	19.78	24.71	4206.21
Additional HMA	19.57	39.20	2703.02

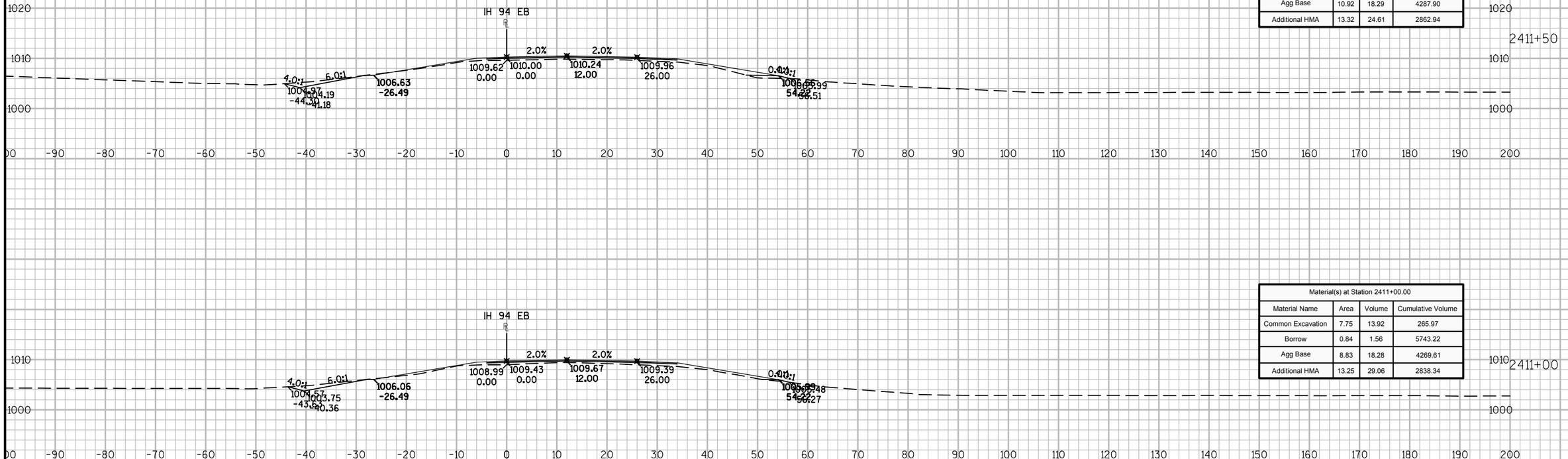
9 9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 348 | E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (29)

PLOT DATE : 10/20/2014 10:20 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2411+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	7.46	14.08	280.06
Borrow	3.43	3.95	5747.17
Agg Base	10.92	18.29	4287.90
Additional HMA	13.32	24.61	2862.94

Material(s) at Station 2411+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	7.75	13.92	265.97
Borrow	0.84	1.56	5743.22
Agg Base	8.83	18.28	4269.61
Additional HMA	13.25	29.06	2838.34

Material(s) at Station 2410+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	7.28	11.22	252.06
Borrow	0.85	3.40	5741.66
Agg Base	10.92	21.24	4251.33
Additional HMA	18.14	34.48	2809.28

9

9

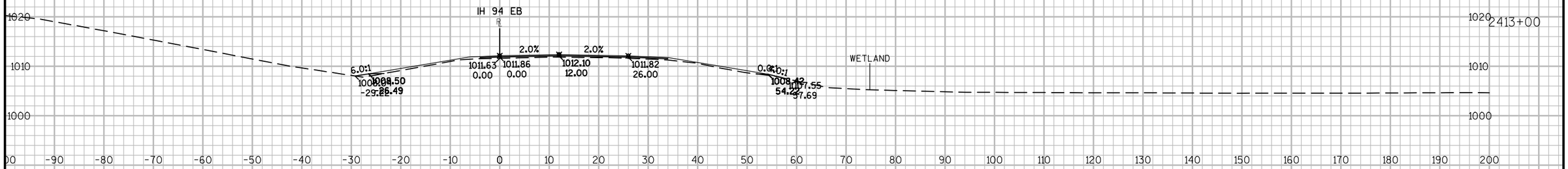
PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 349 | E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (30)

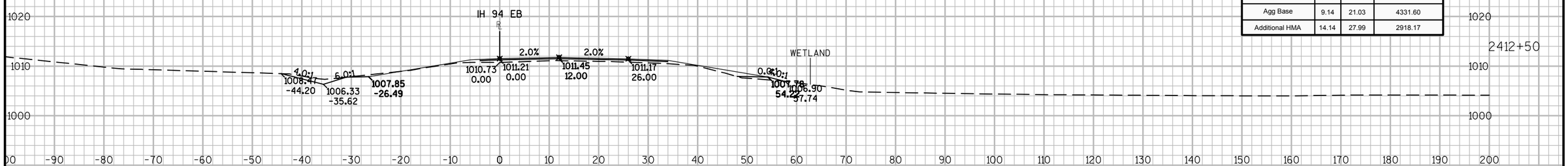
PLOT DATE : 10/20/2014 10:21 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

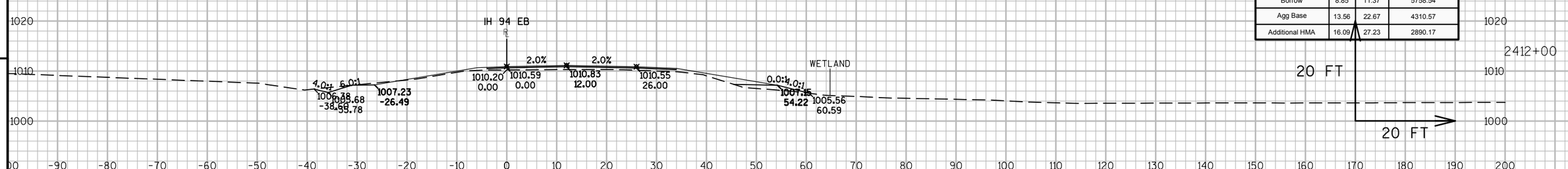
Material(s) at Station 2413+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	7.28	310.01
Borrow	2.27	5.05	5774.73
Agg Base	14.35	21.76	4353.36
Additional HMA	7.76	20.28	2938.45



Material(s) at Station 2412+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	7.87	11.53	302.73
Borrow	3.19	11.15	5769.68
Agg Base	9.14	21.03	4331.60
Additional HMA	14.14	27.99	2918.17



Material(s) at Station 2412+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	4.58	11.15	291.20
Borrow	8.85	11.37	5758.54
Agg Base	13.56	22.67	4310.57
Additional HMA	16.09	27.23	2890.17



9

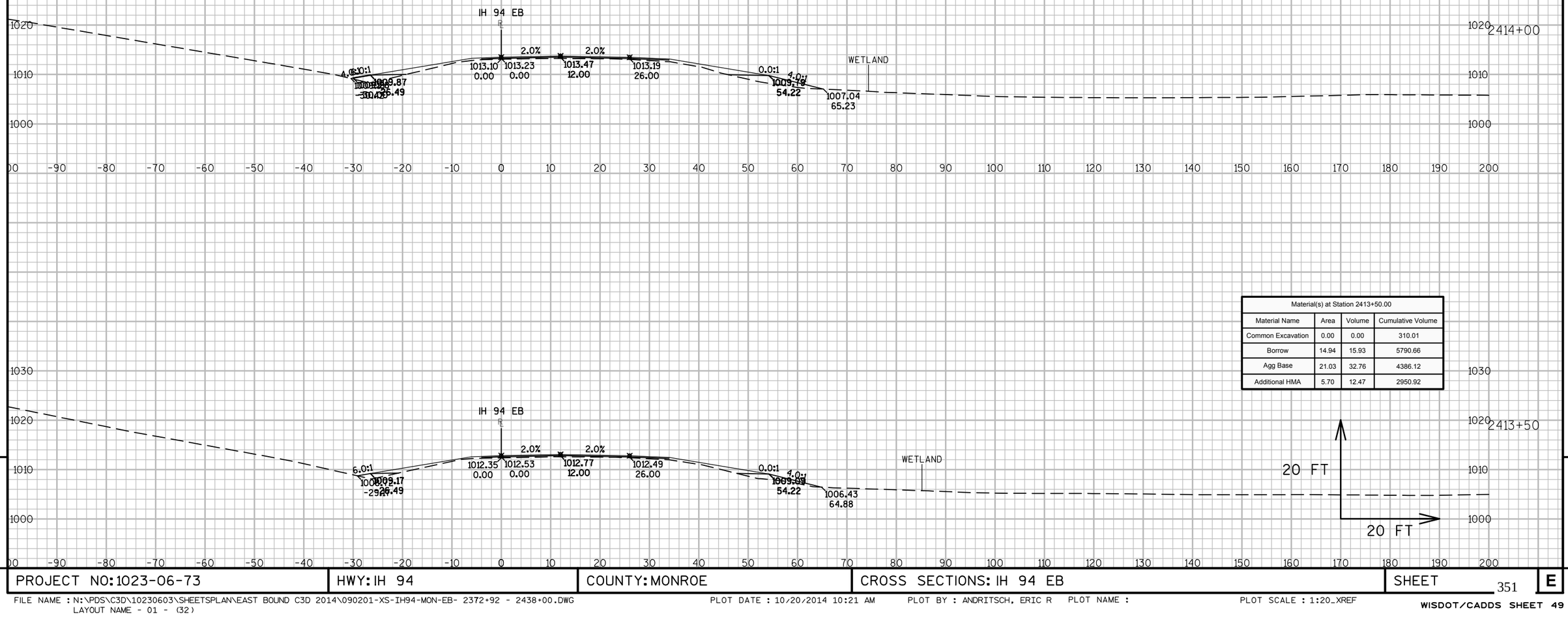
9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 350 | E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (31)

PLOT DATE : 10/20/2014 10:21 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2414+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	310.01
Borrow	26.26	38.15	5828.81
Agg Base	26.66	44.15	4430.27
Additional HMA	6.16	10.98	2961.90

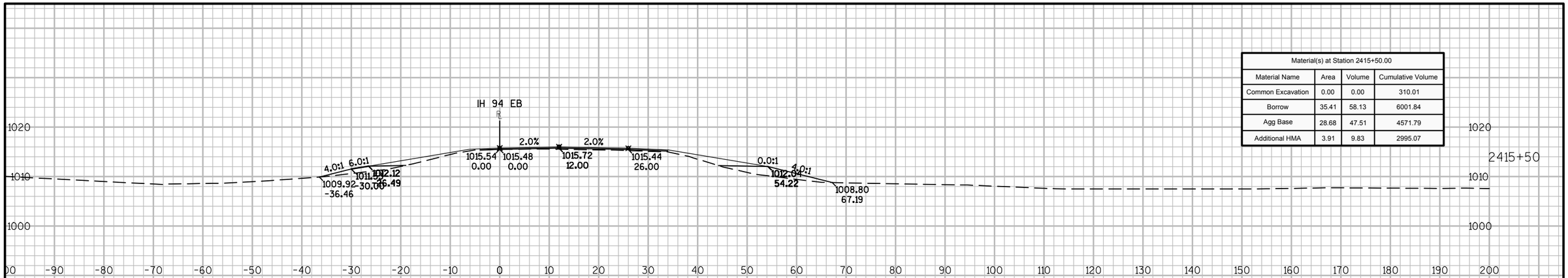


Material(s) at Station 2413+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	310.01
Borrow	14.94	15.93	5790.66
Agg Base	21.03	32.76	4386.12
Additional HMA	5.70	12.47	2950.92

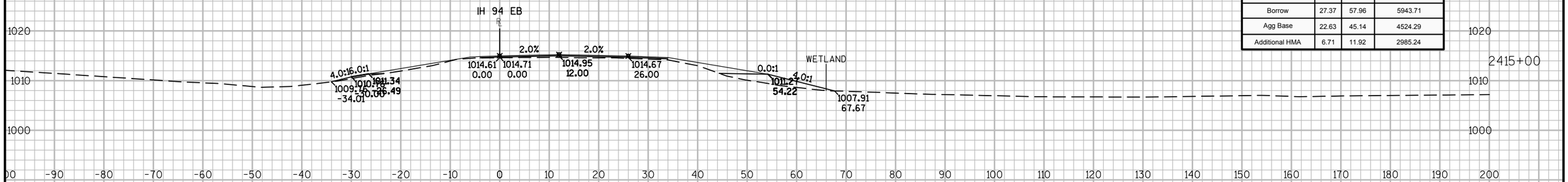
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 351	E



Material(s) at Station 2415+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	310.01
Borrow	35.41	58.13	6001.84
Agg Base	28.68	47.51	4571.79
Additional HMA	3.91	9.83	2995.07



Material(s) at Station 2415+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	310.01
Borrow	27.37	57.96	5943.71
Agg Base	22.63	45.14	4524.29
Additional HMA	6.71	11.92	2985.24

Material(s) at Station 2414+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	310.01
Borrow	35.23	56.93	5885.75
Agg Base	26.13	48.87	4479.15
Additional HMA	6.17	11.42	2973.32

9

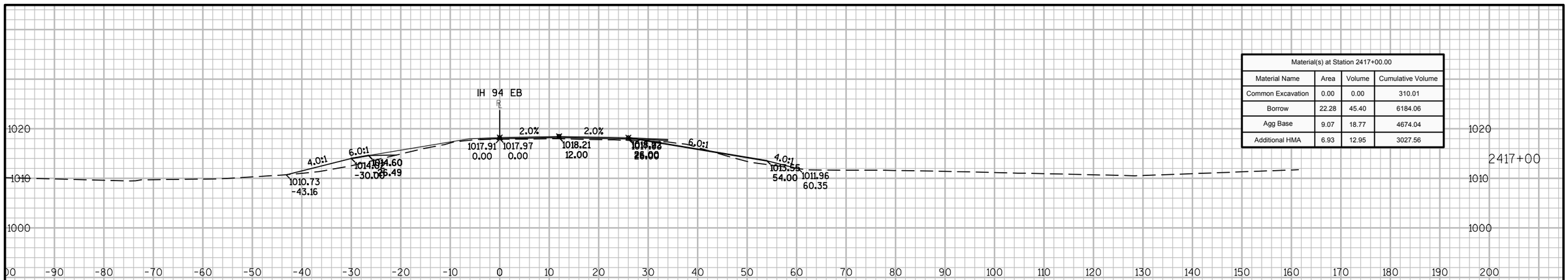
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 352	E

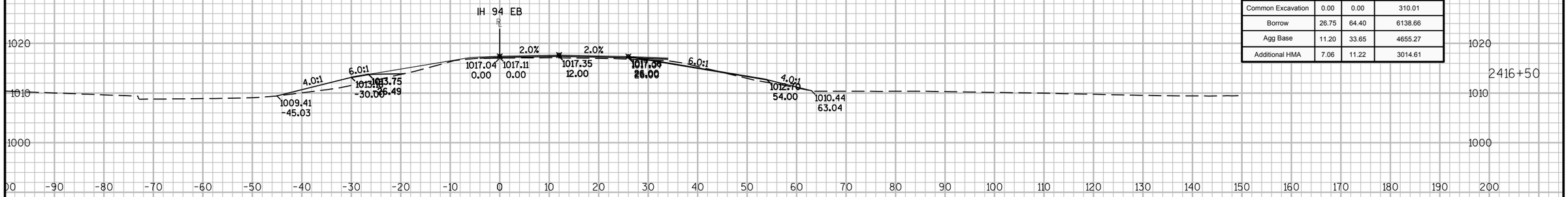
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (33)

PLOT DATE : 10/20/2014 10:21 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

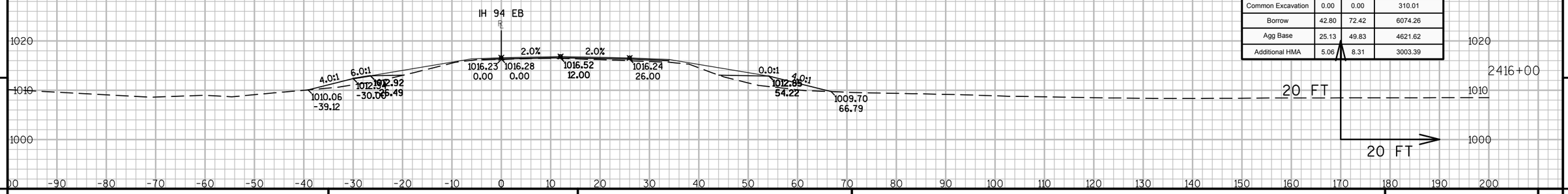
WISDOT/CADDS SHEET 49



Material(s) at Station 2417+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	310.01
Borrow	22.28	45.40	6184.06
Agg Base	9.07	18.77	4674.04
Additional HMA	6.93	12.95	3027.56



Material(s) at Station 2416+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	310.01
Borrow	26.75	64.40	6138.66
Agg Base	11.20	33.65	4655.27
Additional HMA	7.06	11.22	3014.61



Material(s) at Station 2416+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	310.01
Borrow	42.80	72.42	6074.26
Agg Base	25.13	49.83	4621.62
Additional HMA	5.06	8.31	3003.39

9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 353	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (34)

PLOT DATE : 10/20/2014 10:21 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2418+50.00

Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	310.01
Borrow	40.01	66.92	6330.17
Agg Base	28.72	52.41	4776.80
Additional HMA	10.01	9.76	3046.37

Material(s) at Station 2418+00.00

Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	310.01
Borrow	32.26	44.22	6263.25
Agg Base	27.88	33.89	4724.40
Additional HMA	0.53	1.56	3036.61

Material(s) at Station 2417+50.00

Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	310.01
Borrow	15.49	34.97	6219.03
Agg Base	9.72	16.47	4690.50
Additional HMA	1.16	7.49	3035.05

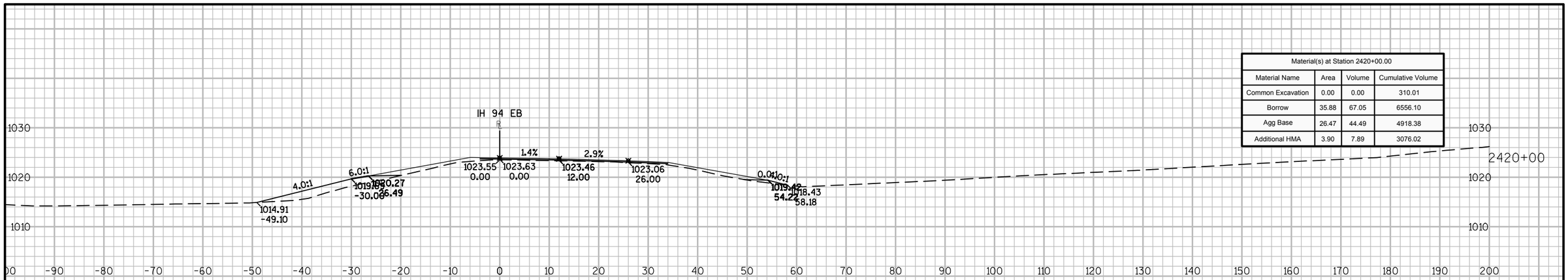
9

9

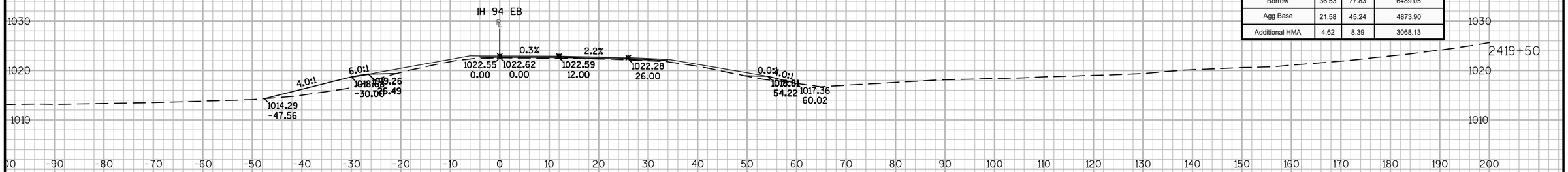
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 354	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (35)

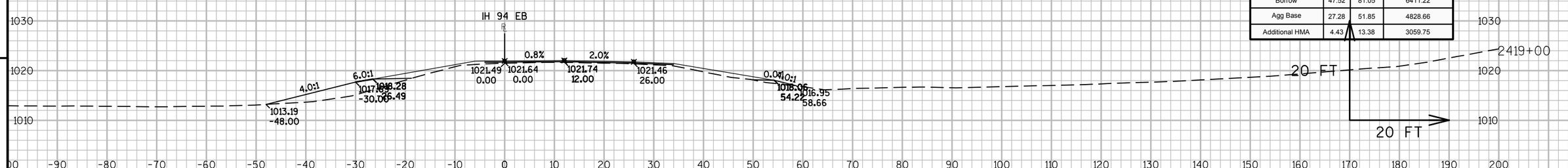
PLOT DATE : 10/20/2014 10:21 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2420+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	310.01
Borrow	35.88	67.05	6556.10
Agg Base	26.47	44.49	4918.38
Additional HMA	3.90	7.89	3076.02



Material(s) at Station 2419+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	310.01
Borrow	36.53	77.83	6489.05
Agg Base	21.58	45.24	4873.90
Additional HMA	4.62	8.39	3068.13

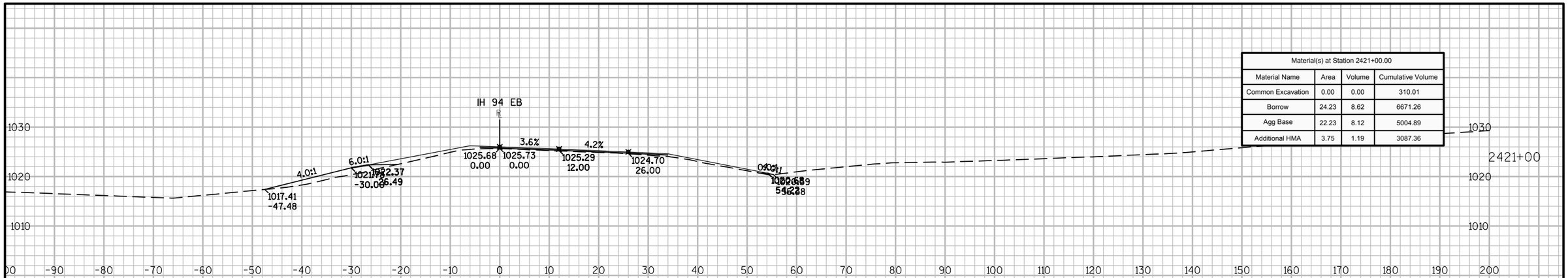


Material(s) at Station 2419+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	310.01
Borrow	47.52	81.05	6411.22
Agg Base	27.28	51.85	4828.66
Additional HMA	4.43	13.38	3059.75

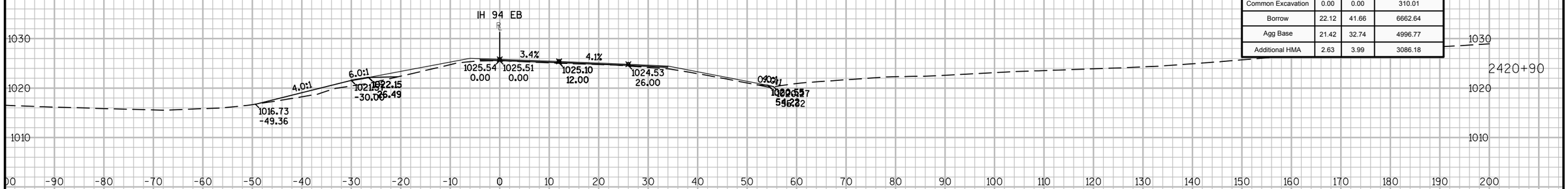
9

9

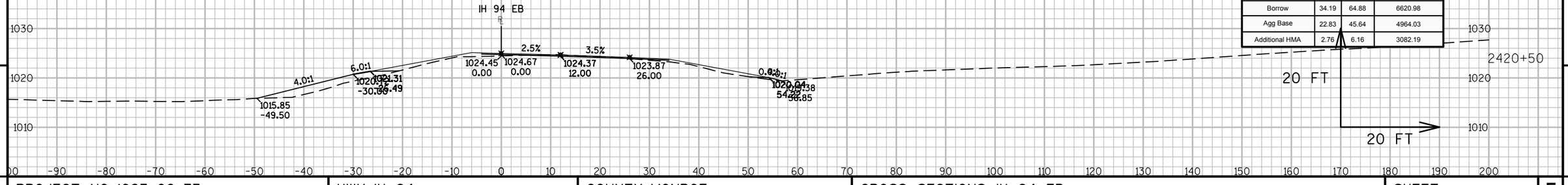
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 355	E



Material(s) at Station 2421+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	310.01
Borrow	24.23	8.62	6671.26
Agg Base	22.23	8.12	5004.89
Additional HMA	3.75	1.19	3087.36



Material(s) at Station 2420+89.95			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	310.01
Borrow	22.12	41.66	6662.64
Agg Base	21.42	32.74	4996.77
Additional HMA	2.63	3.99	3086.18



Material(s) at Station 2420+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	0.00	310.01
Borrow	34.19	64.88	6620.98
Agg Base	22.83	45.64	4964.03
Additional HMA	2.76	6.16	3082.19

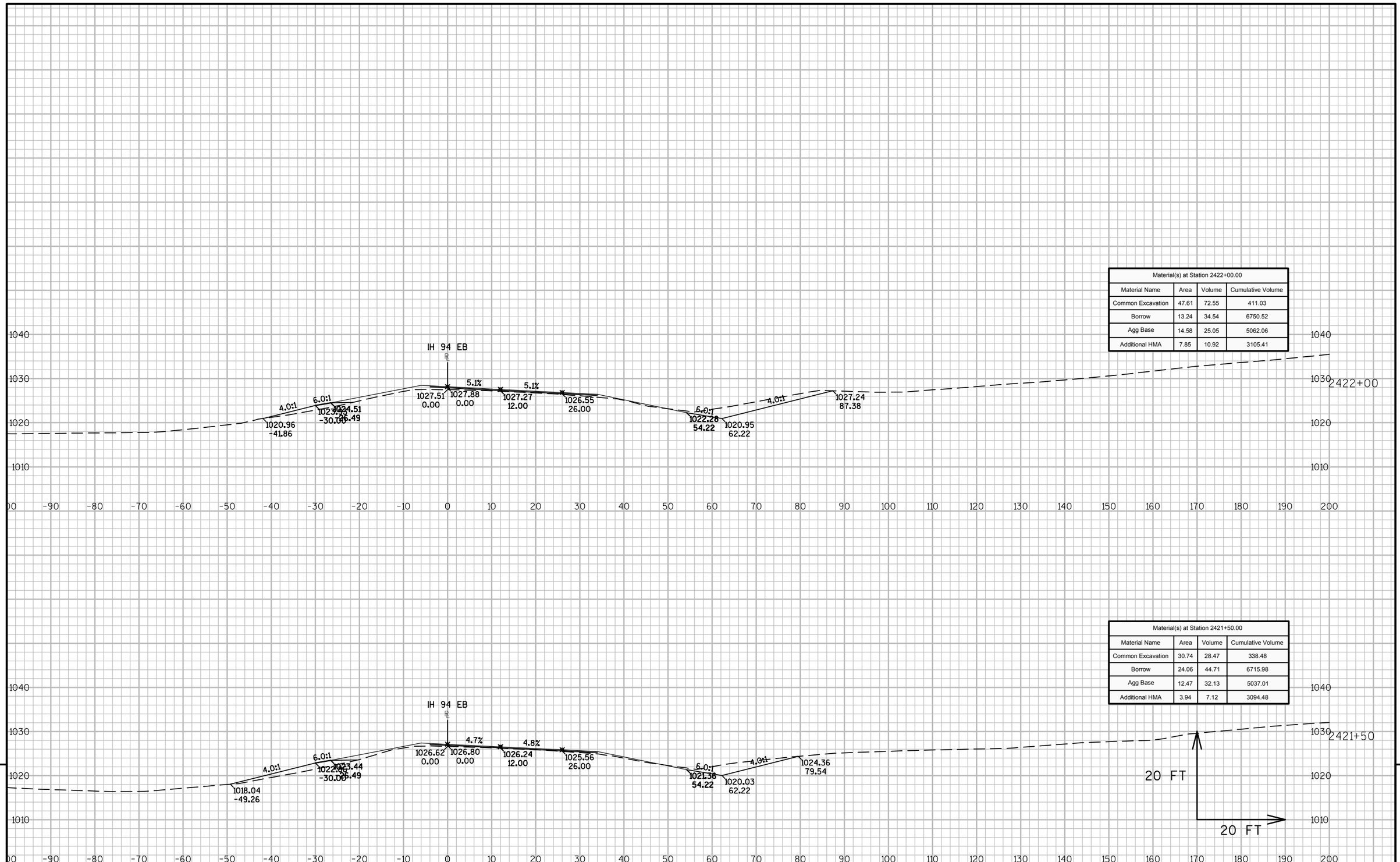
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 356	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (37)

PLOT DATE : 10/20/2014 10:21 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2422+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	47.61	72.55	411.03
Borrow	13.24	34.54	6750.52
Agg Base	14.58	25.05	5062.06
Additional HMA	7.85	10.92	3105.41

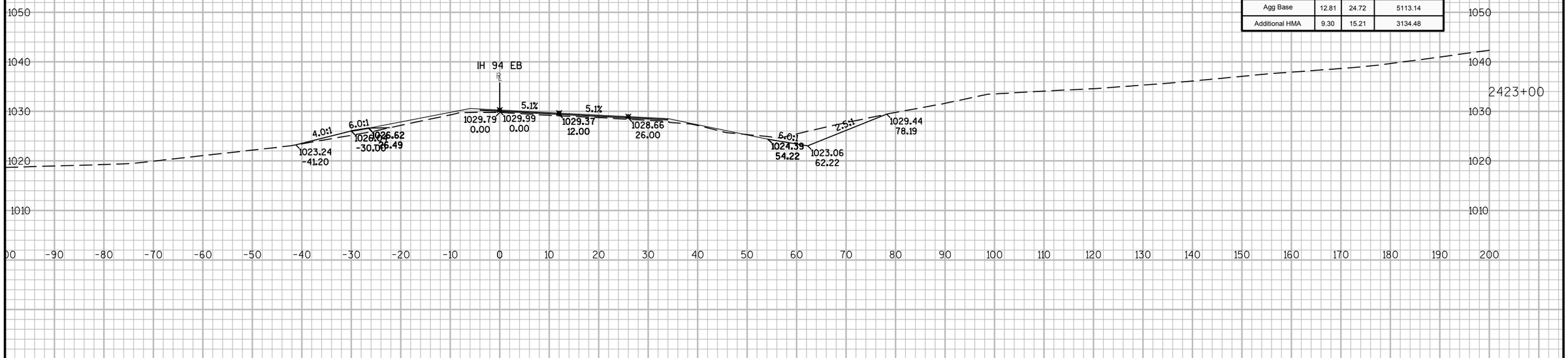
Material(s) at Station 2421+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	30.74	28.47	338.48
Borrow	24.06	44.71	6715.98
Agg Base	12.47	32.13	5037.01
Additional HMA	3.94	7.12	3094.48

9

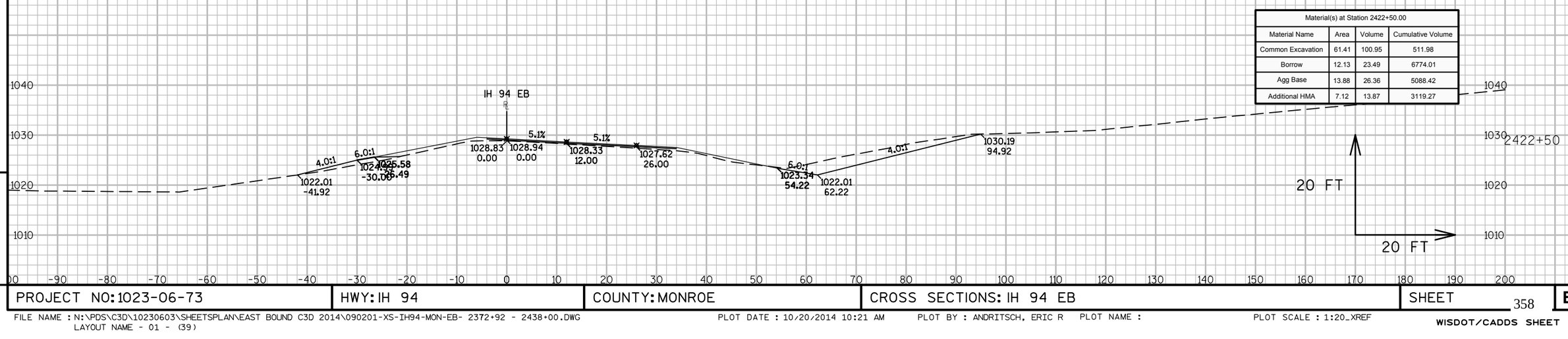
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 357	E

Material(s) at Station 2423+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	35.37	89.61	601.59
Borrow	9.58	20.11	6794.12
Agg Base	12.81	24.72	5113.14
Additional HMA	9.30	15.21	3134.48



Material(s) at Station 2422+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	61.41	100.95	511.98
Borrow	12.13	23.49	6774.01
Agg Base	13.88	26.36	5088.42
Additional HMA	7.12	13.87	3119.27



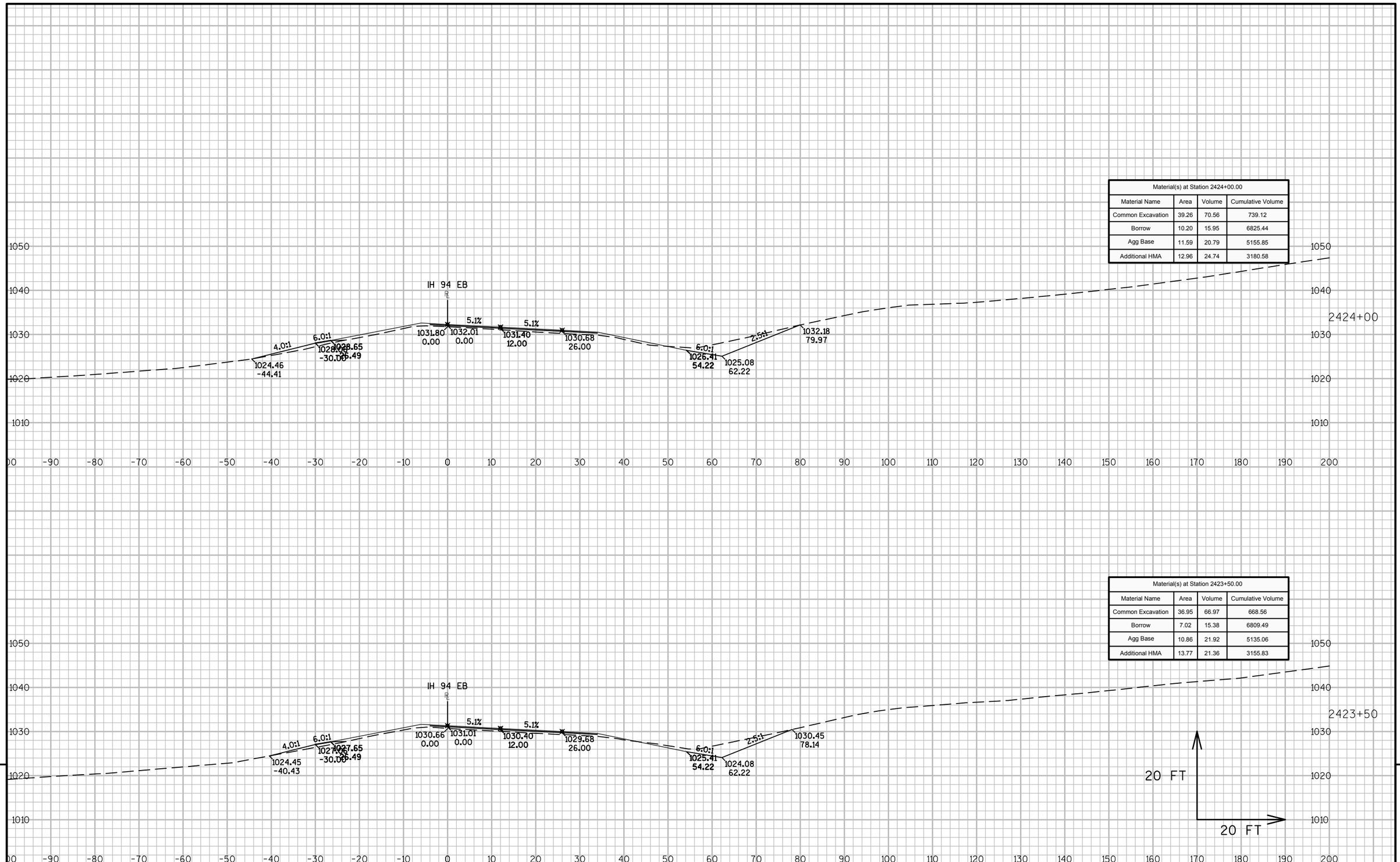
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 358	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (39)

PLOT DATE : 10/20/2014 10:21 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2424+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	39.26	70.56	739.12
Borrow	10.20	15.95	6825.44
Agg Base	11.59	20.79	5155.85
Additional HMA	12.96	24.74	3180.58

Material(s) at Station 2423+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	36.95	66.97	668.56
Borrow	7.02	15.38	6809.49
Agg Base	10.86	21.92	5135.06
Additional HMA	13.77	21.36	3155.83

9

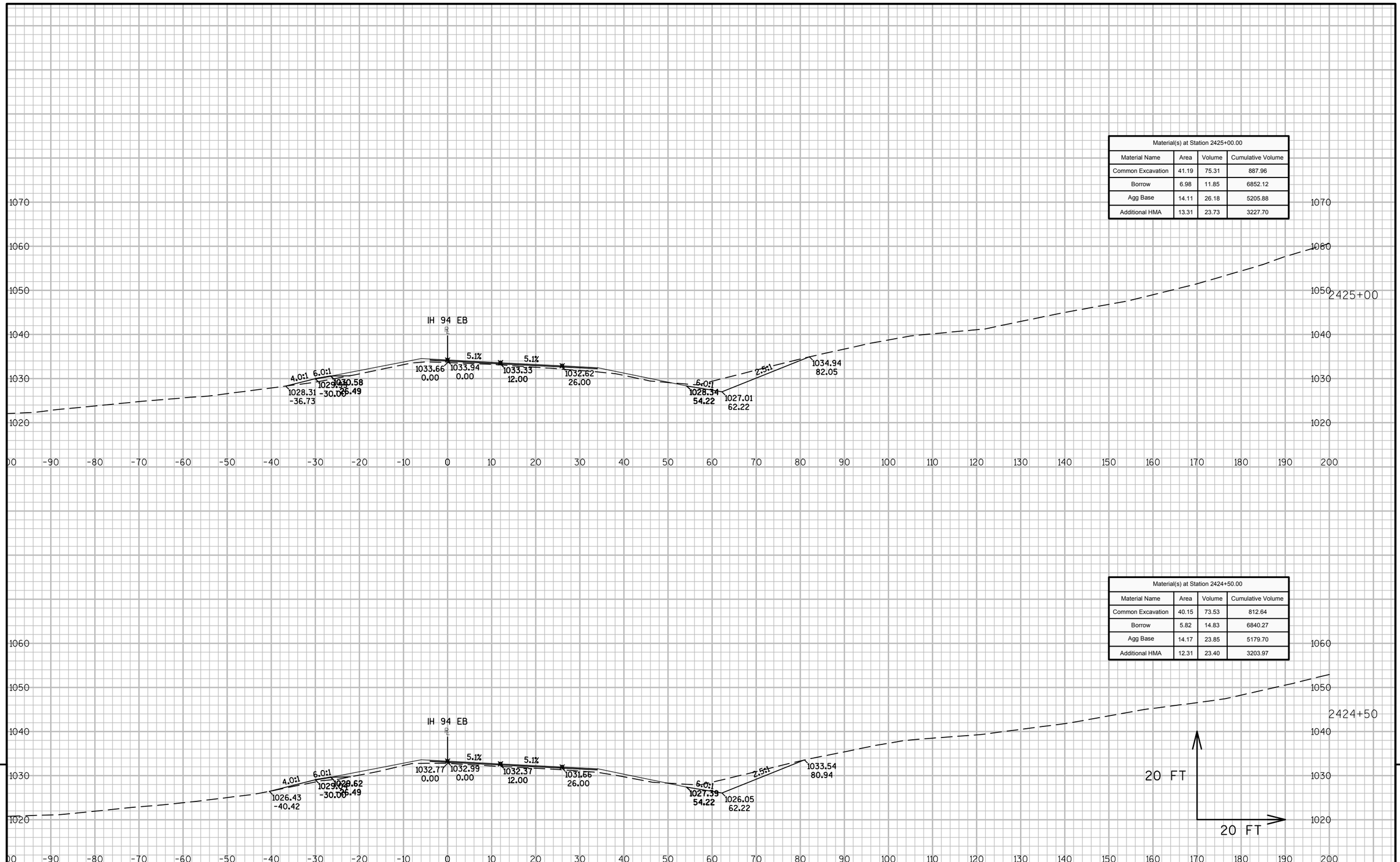
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 359	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (40)

PLOT DATE : 10/20/2014 10:22 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



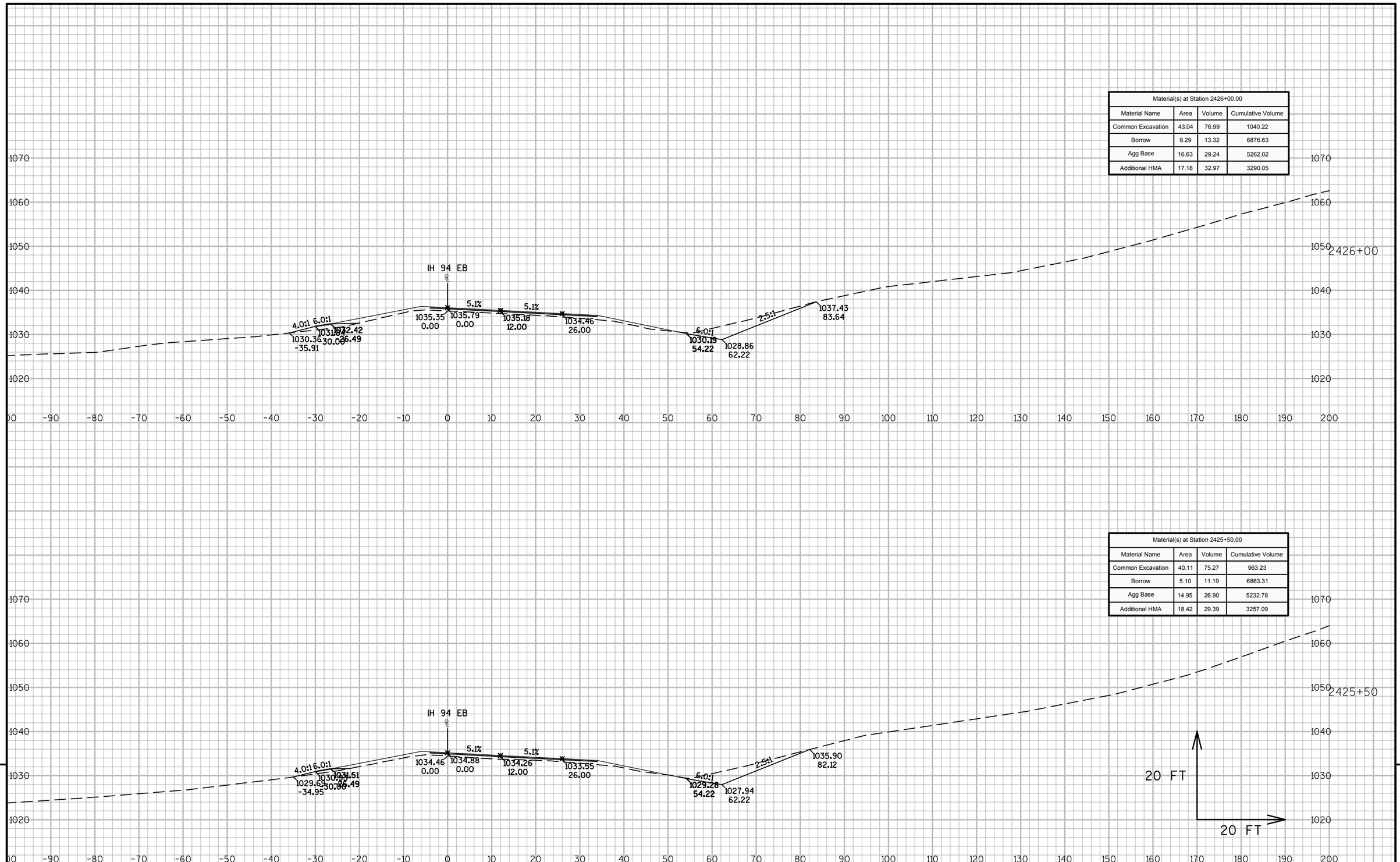
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 360	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (41)

PLOT DATE : 10/20/2014 10:22 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2426+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	43.04	76.99	1040.22
Borrow	9.29	13.32	6876.63
Agg Base	16.63	29.24	5262.02
Additional HMA	17.18	32.97	3290.05

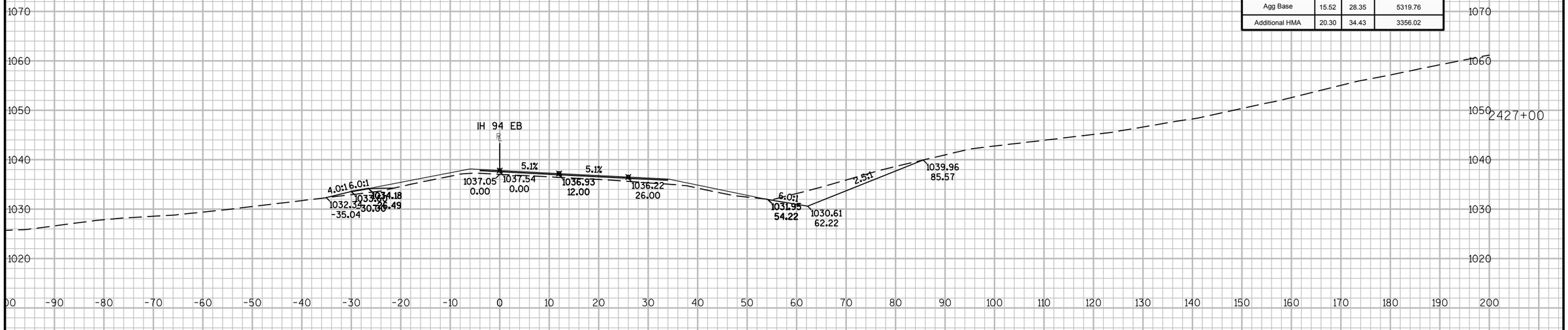
Material(s) at Station 2425+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	40.11	75.27	963.23
Borrow	5.10	11.19	6863.31
Agg Base	14.95	26.90	5232.78
Additional HMA	18.42	29.39	3257.09

9

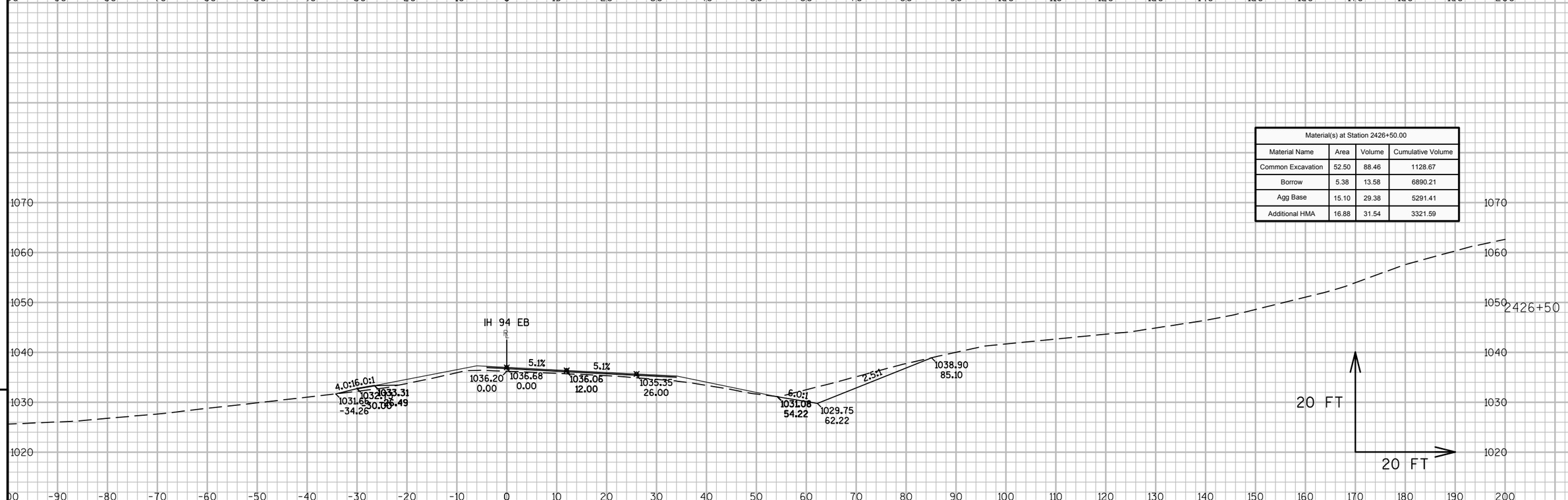
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 361	E

Material(s) at Station 2427+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	50.51	95.38	1224.05
Borrow	6.72	11.20	6901.41
Agg Base	15.52	28.35	5319.76
Additional HMA	20.30	34.43	3356.02



Material(s) at Station 2426+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	52.50	88.46	1128.67
Borrow	5.38	13.58	6890.21
Agg Base	15.10	29.38	5291.41
Additional HMA	16.88	31.54	3321.59



9

9

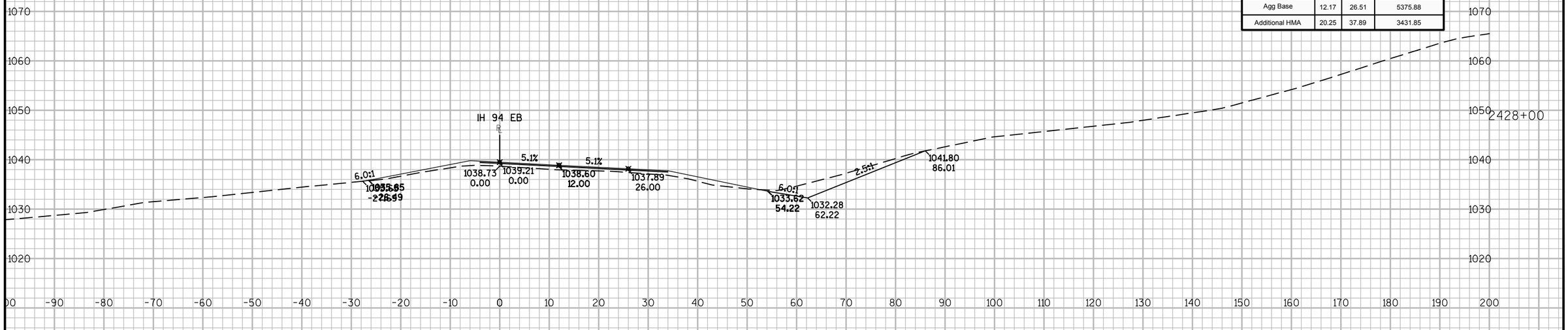
PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 362 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (43)

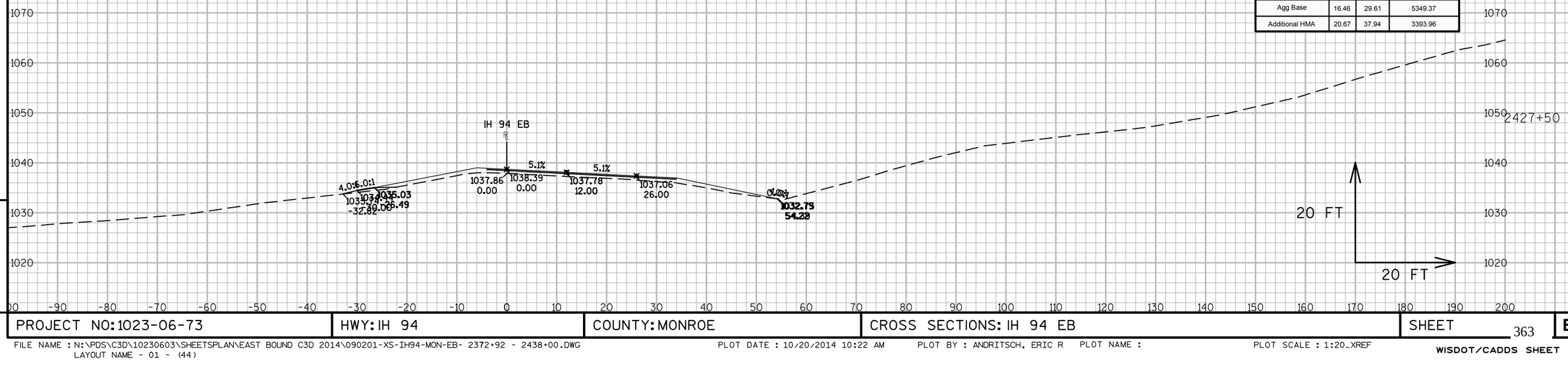
PLOT DATE : 10/20/2014 10:22 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

Material(s) at Station 2428+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	46.18	42.76	1313.58
Borrow	0.10	3.56	6914.66
Agg Base	12.17	26.51	5375.88
Additional HMA	20.25	37.89	3431.85



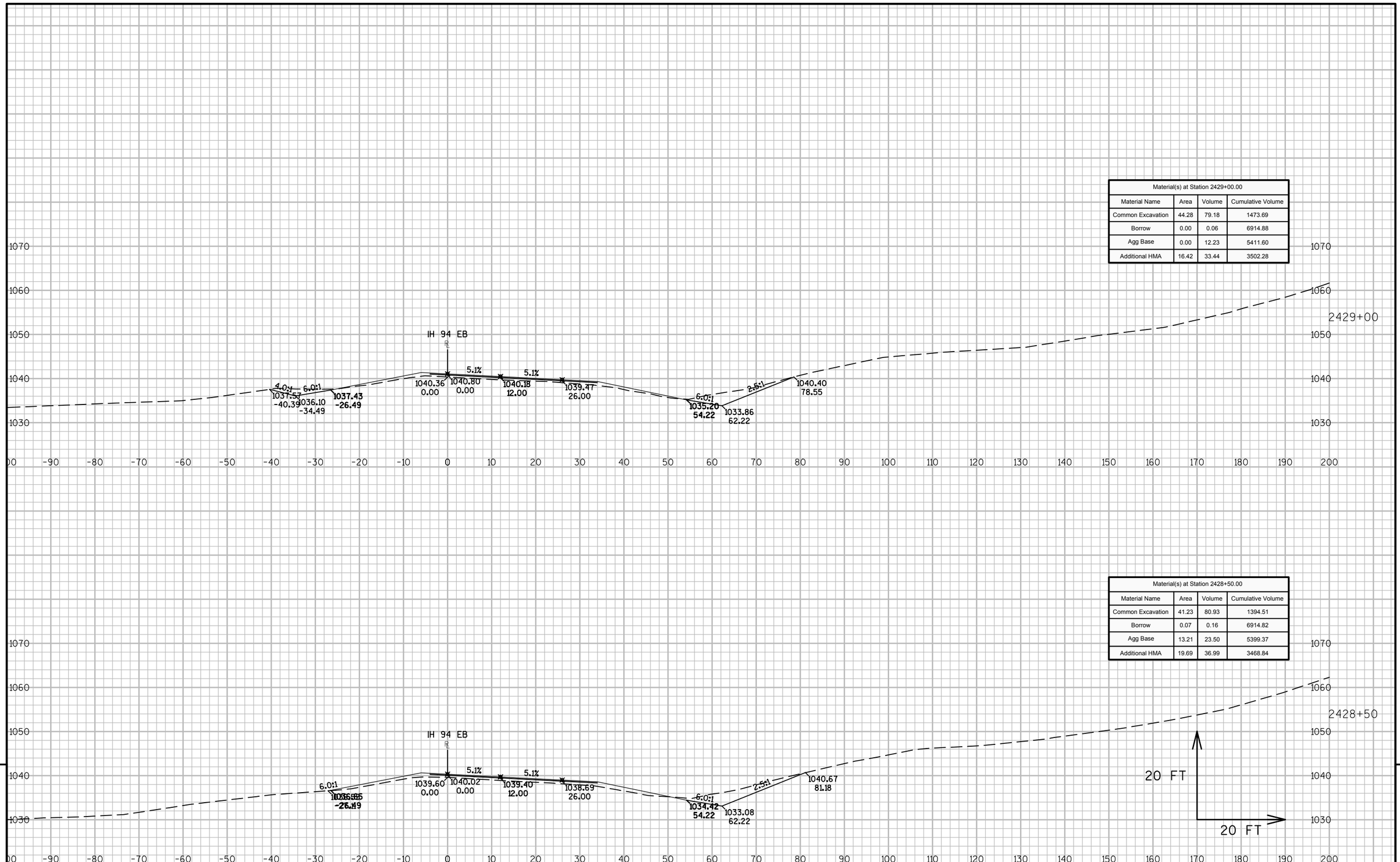
Material(s) at Station 2427+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	0.00	46.77	1270.82
Borrow	3.75	9.69	6911.10
Agg Base	16.46	29.61	5349.37
Additional HMA	20.67	37.94	3393.96



9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 363	E

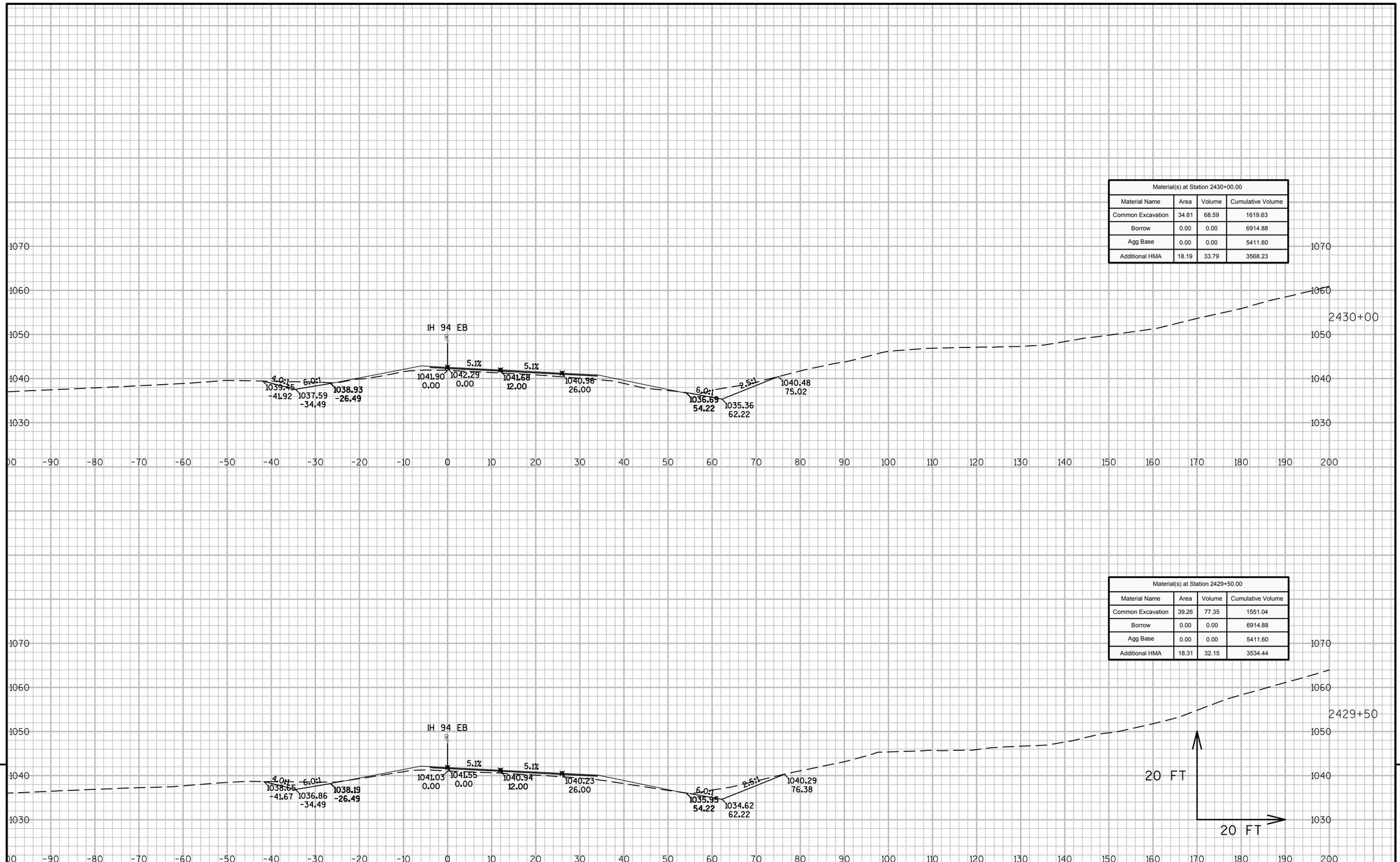


9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 364	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (45)
PLOT DATE : 10/20/2014 10:22 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



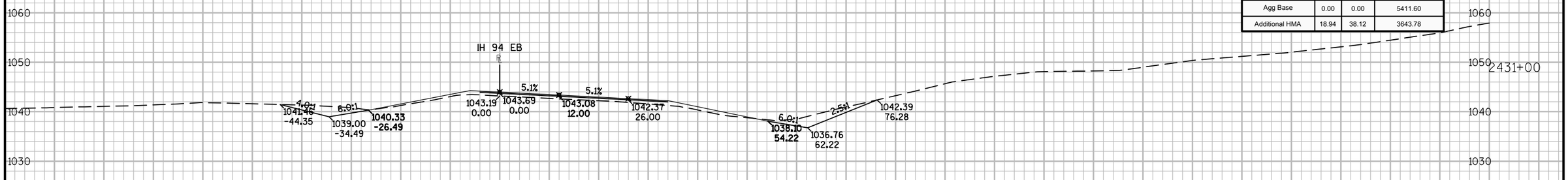
Material(s) at Station 2430+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	34.81	68.59	1619.63
Borrow	0.00	0.00	6914.88
Agg Base	0.00	0.00	5411.60
Additional HMA	18.19	33.79	3568.23

Material(s) at Station 2429+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	39.26	77.35	1551.04
Borrow	0.00	0.00	6914.88
Agg Base	0.00	0.00	5411.60
Additional HMA	18.31	32.15	3534.44

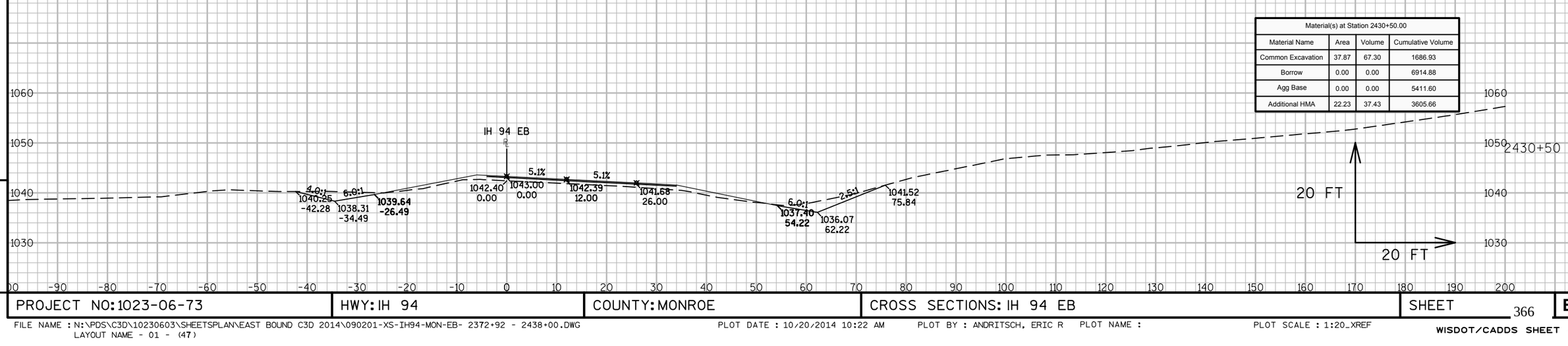
9 9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 365	E

Material(s) at Station 2431+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	44.53	76.29	1763.22
Borrow	0.00	0.00	6914.88
Agg Base	0.00	0.00	5411.60
Additional HMA	18.94	38.12	3643.78



Material(s) at Station 2430+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	37.87	67.30	1686.93
Borrow	0.00	0.00	6914.88
Agg Base	0.00	0.00	5411.60
Additional HMA	22.23	37.43	3605.66



9

9

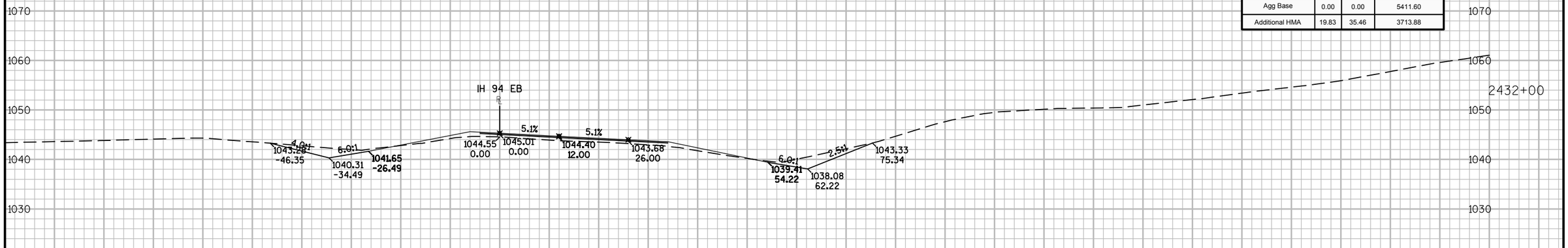
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 366	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (47)

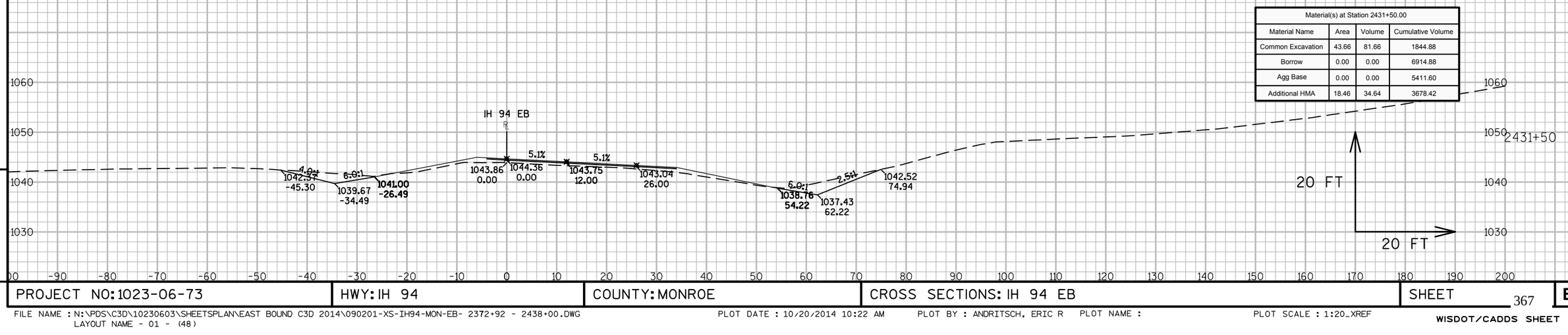
PLOT DATE : 10/20/2014 10:22 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

Material(s) at Station 2432+00.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	44.74	81.85	1926.73
Borrow	0.00	0.00	6914.88
Agg Base	0.00	0.00	5411.60
Additional HMA	19.83	35.46	3713.88



Material(s) at Station 2431+50.00			
Material Name	Area	Volume	Cumulative Volume
Common Excavation	43.66	81.66	1844.88
Borrow	0.00	0.00	6914.88
Agg Base	0.00	0.00	5411.60
Additional HMA	18.46	34.64	3678.42



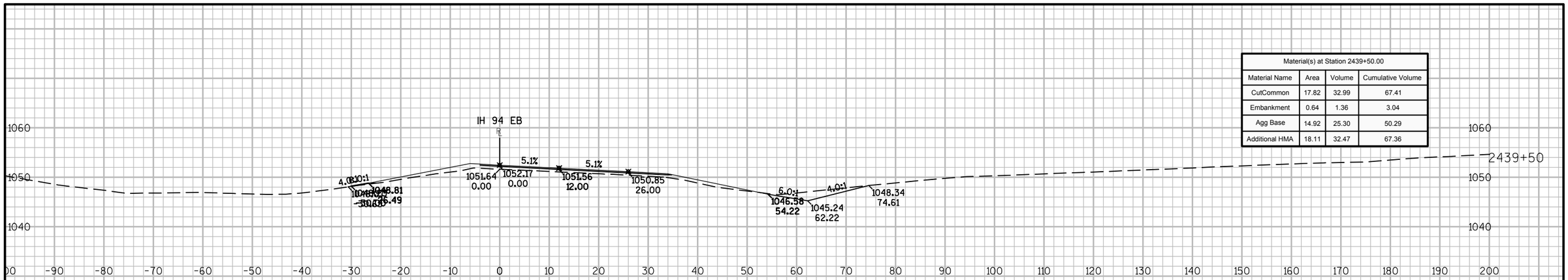
9

9

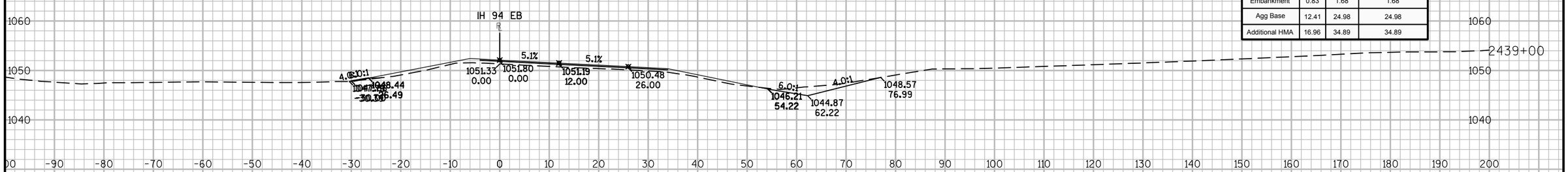
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 367	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-MON-EB- 2372+92 - 2438+00.DWG
LAYOUT NAME - 01 - (48)

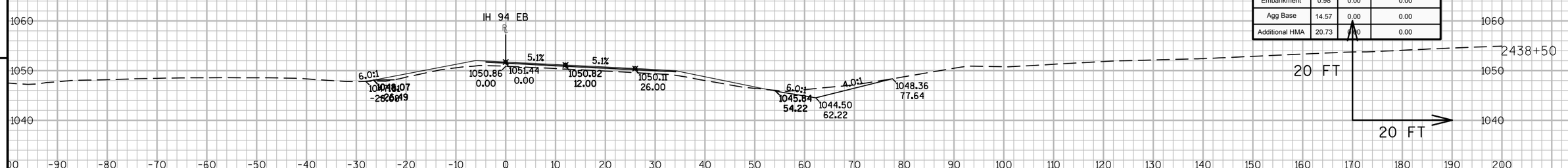
PLOT DATE : 10/20/2014 10:22 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2439+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	17.82	32.99	67.41
Embankment	0.64	1.36	3.04
Agg Base	14.92	25.30	50.29
Additional HMA	18.11	32.47	67.36



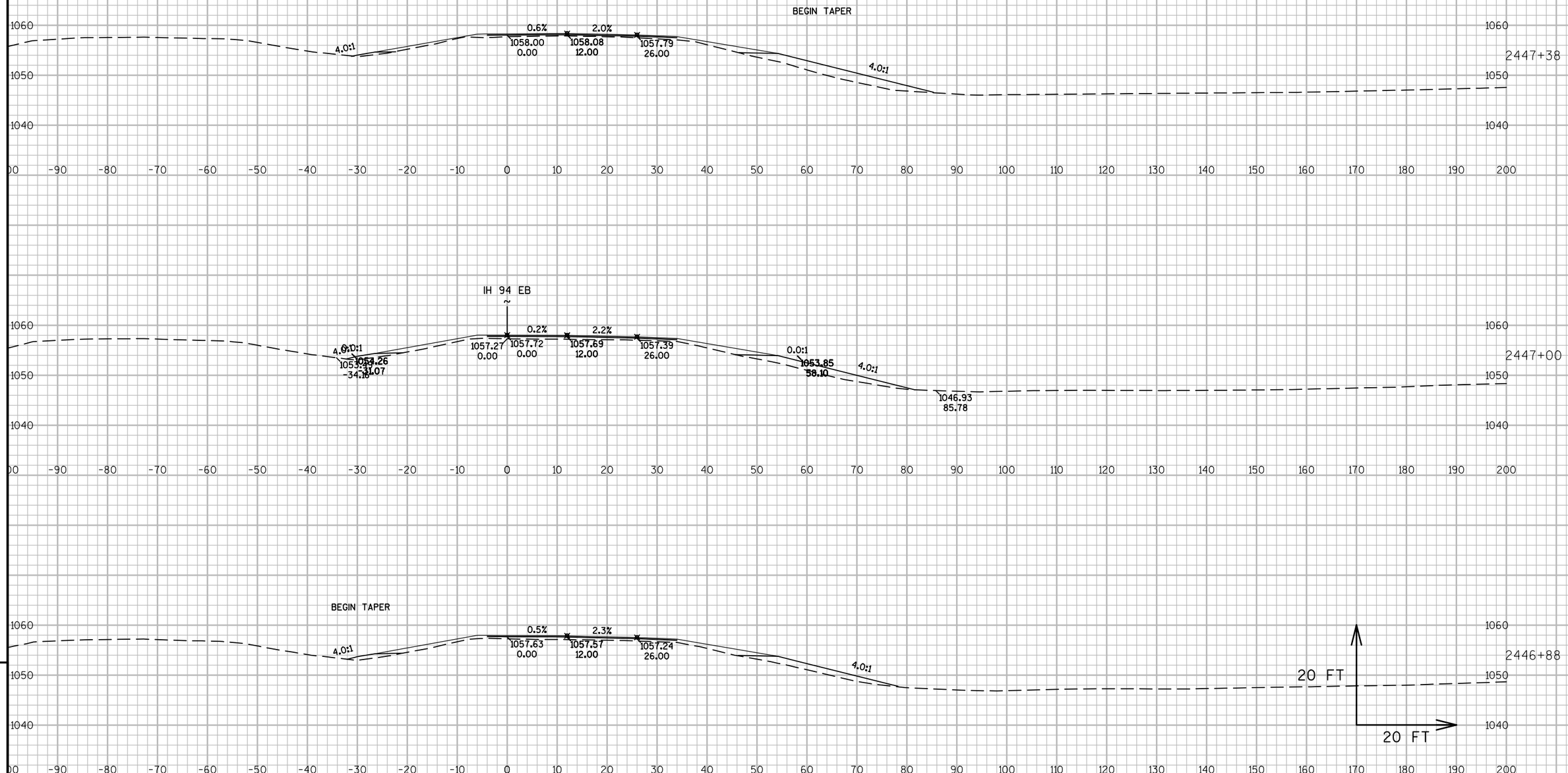
Material(s) at Station 2439+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	17.81	34.42	34.42
Embankment	0.83	1.68	1.68
Agg Base	12.41	24.98	24.98
Additional HMA	16.96	34.89	34.89



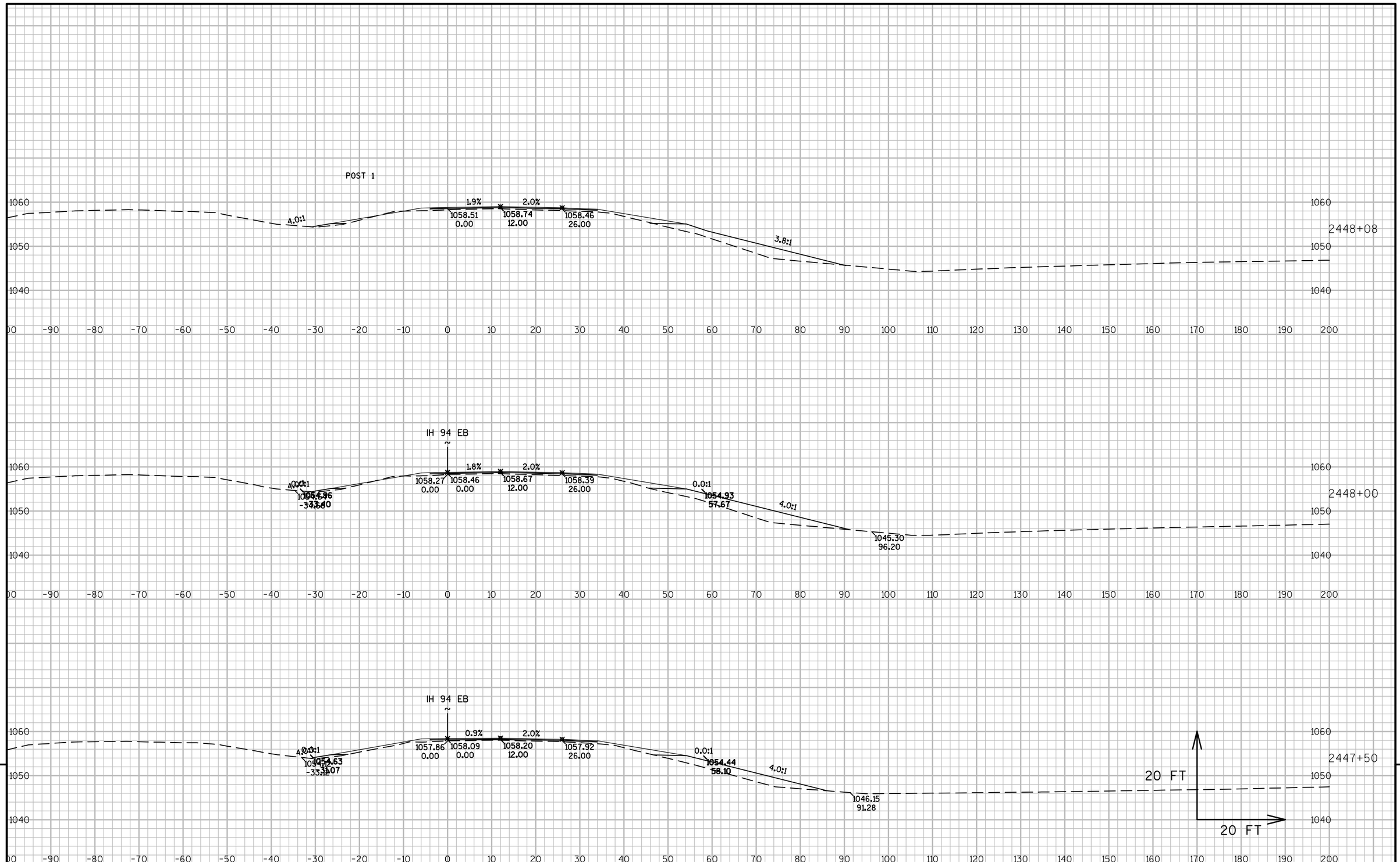
Material(s) at Station 2438+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	19.36	0.00	0.00
Embankment	0.98	0.00	0.00
Agg Base	14.57	0.00	0.00
Additional HMA	20.73	0.00	0.00

9 9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 368 E



PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: GUARDRAIL - SECTIONS	SHEET 369 E



9

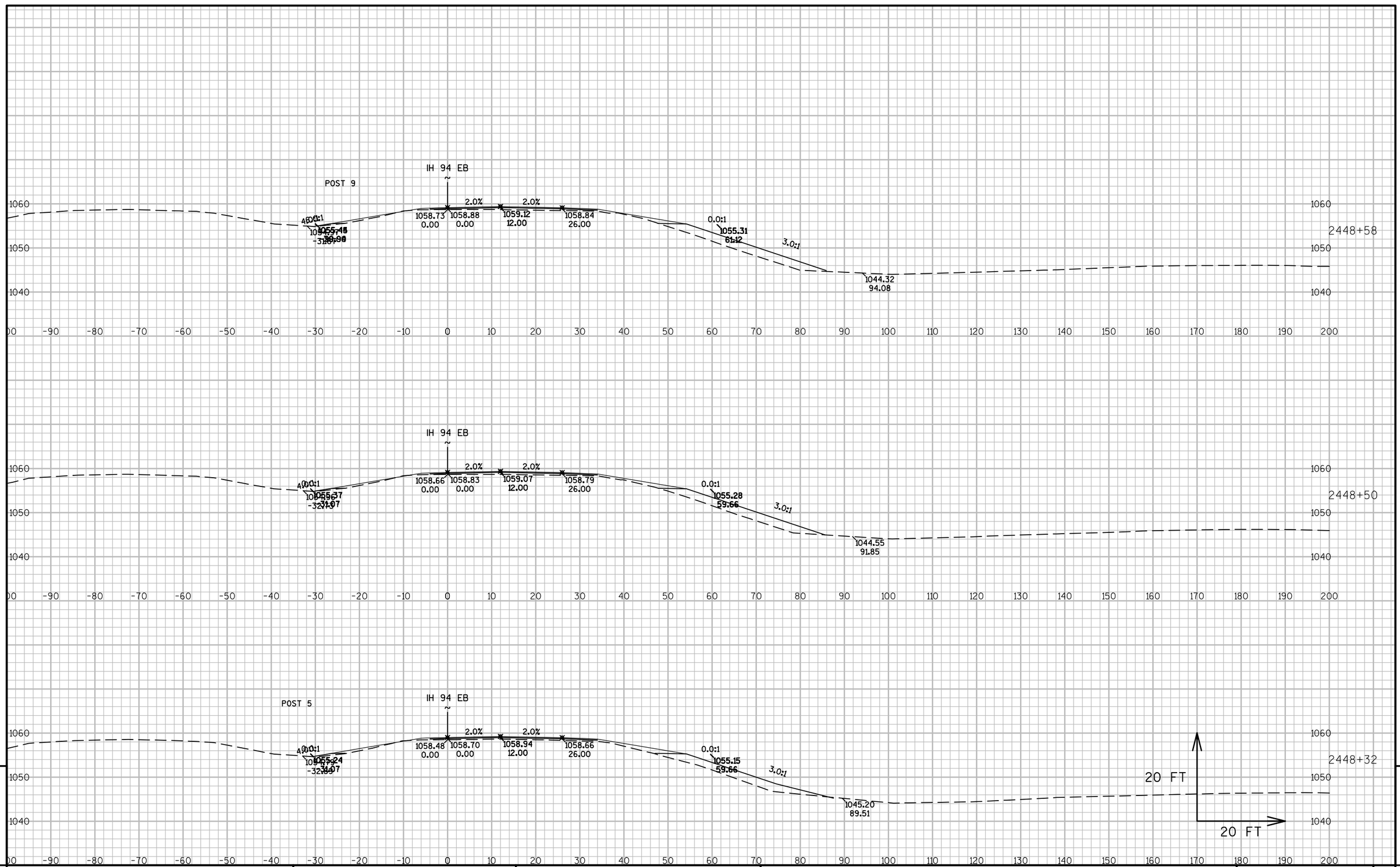
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: GUARDRAIL - SECTIONS	SHEET 370	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - SECTION SHEET - (2)

PLOT DATE : 7/7/2015 2:19 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9 9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: GUARDRAIL - SECTIONS	SHEET 371	E

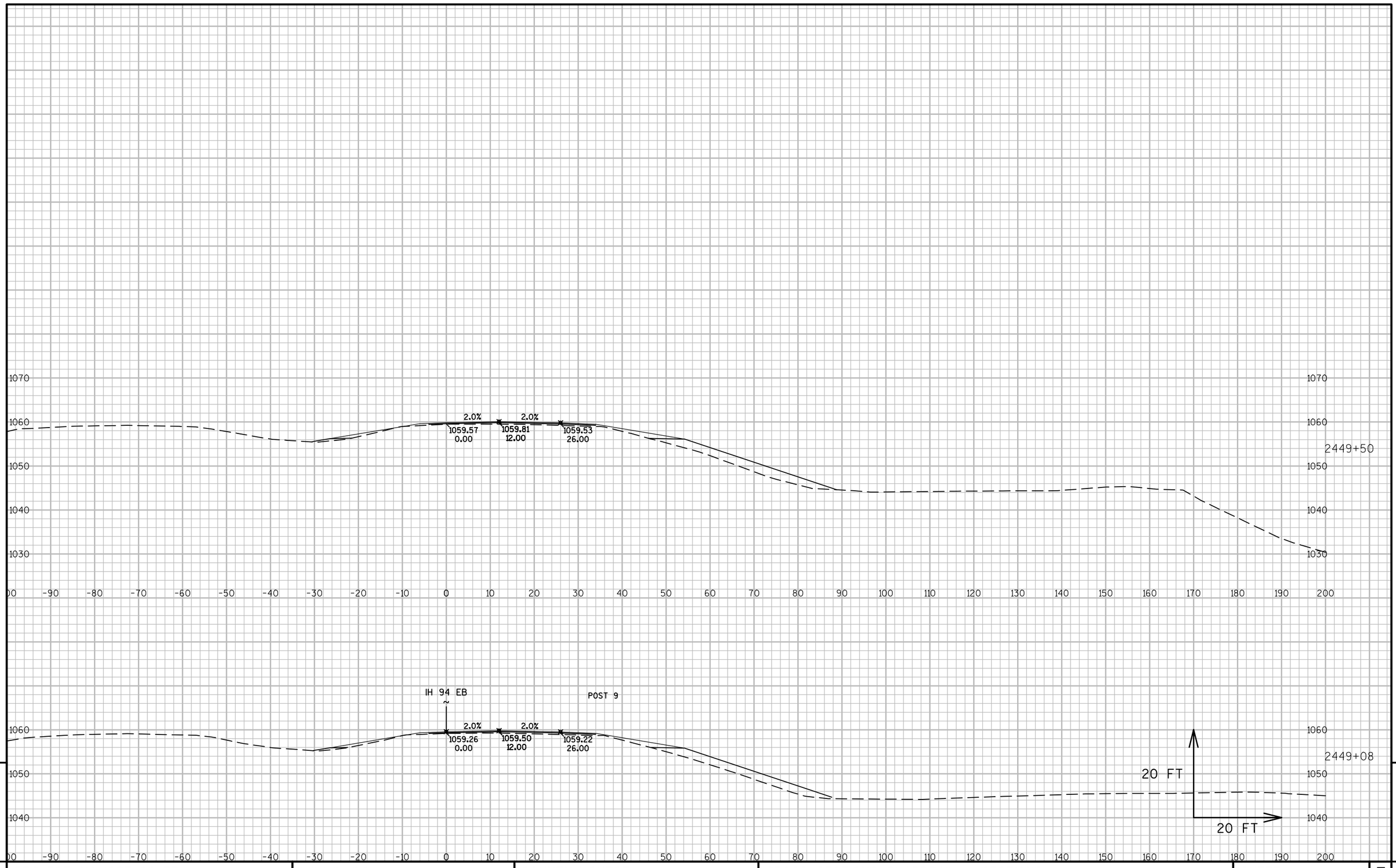
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - SECTION SHEET - (3)
PLOT DATE : 7/7/2015 2:19 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: GUARDRAIL - SECTIONS	SHEET 372	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - SECTION SHEET - (4)

PLOT DATE : 7/7/2015 2:19 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

9

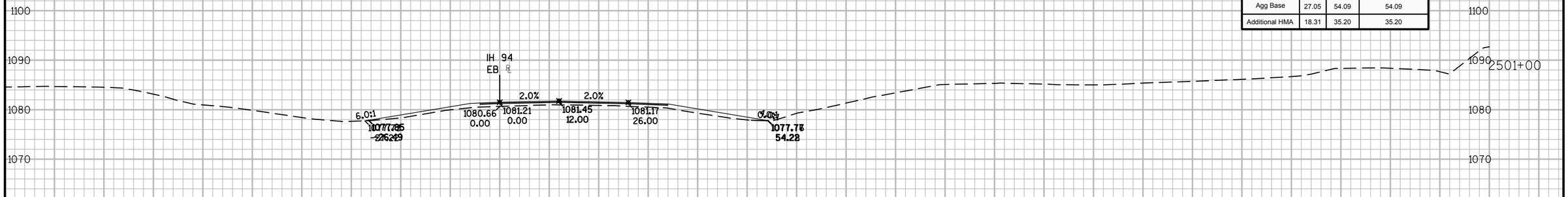
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: GUARDRAIL - SECTIONS	SHEET 373	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - SECTION SHEET - (5)

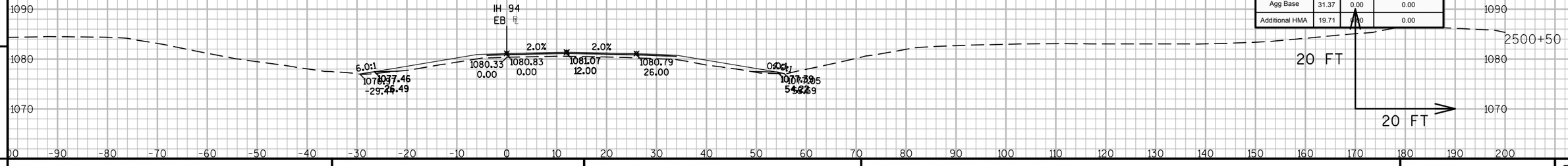
PLOT DATE : 7/7/2015 2:19 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME :

PLOT SCALE : 1 IN:20 FT

Material(s) at Station 2501+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	0.13	3.00	3.00
Agg Base	27.05	54.09	54.09
Additional HMA	18.31	35.20	35.20



Material(s) at Station 2500+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	3.10	0.00	0.00
Agg Base	31.37	0.00	0.00
Additional HMA	19.71	0.00	0.00



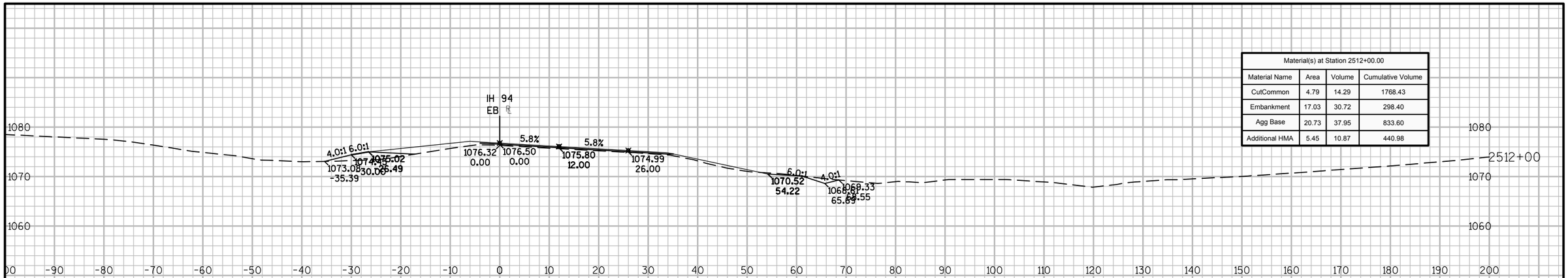
9

9

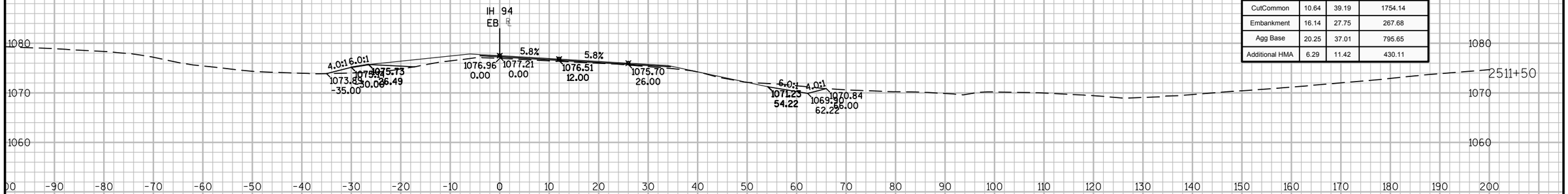
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 374	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (1)

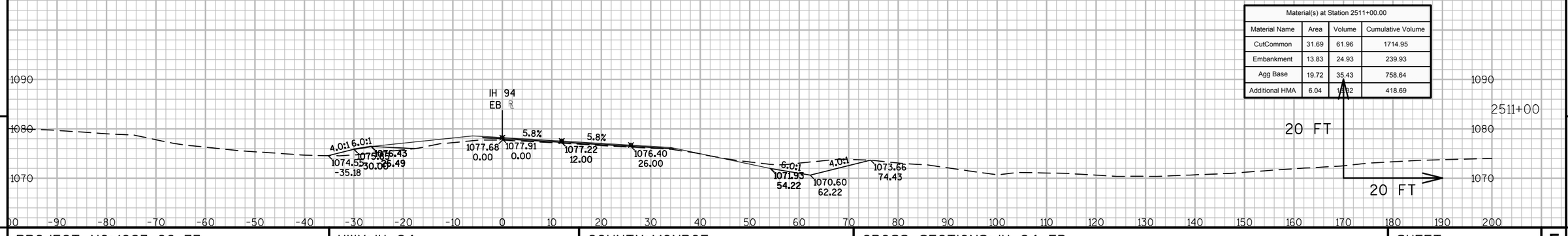
PLOT DATE : 10/20/2014 10:28 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2512+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	4.79	14.29	1768.43
Embankment	17.03	30.72	298.40
Agg Base	20.73	37.95	833.60
Additional HMA	5.45	10.87	440.98



Material(s) at Station 2511+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	10.64	39.19	1754.14
Embankment	16.14	27.75	267.68
Agg Base	20.25	37.01	795.65
Additional HMA	6.29	11.42	430.11



Material(s) at Station 2511+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	31.69	61.96	1714.95
Embankment	13.83	24.93	239.93
Agg Base	19.72	35.43	758.64
Additional HMA	6.04	10.82	418.69

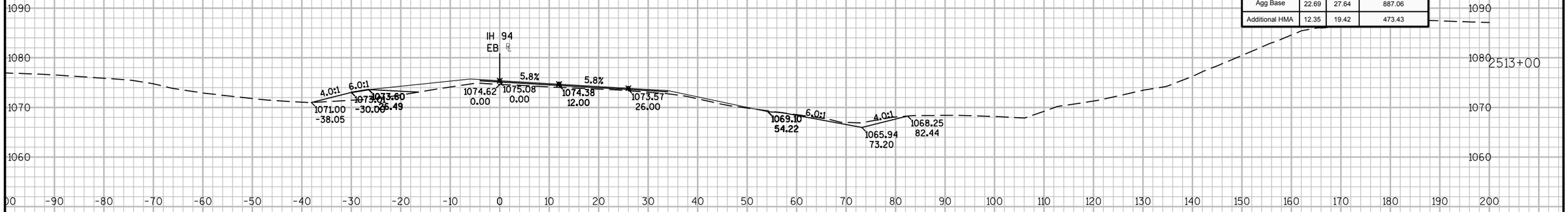
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 375	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (10)

PLOT DATE : 10/20/2014 10:29 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2513+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	11.24	19.87	1802.20
Embankment	23.25	38.13	368.90
Agg Base	22.69	27.64	887.06
Additional HMA	12.35	19.42	473.43

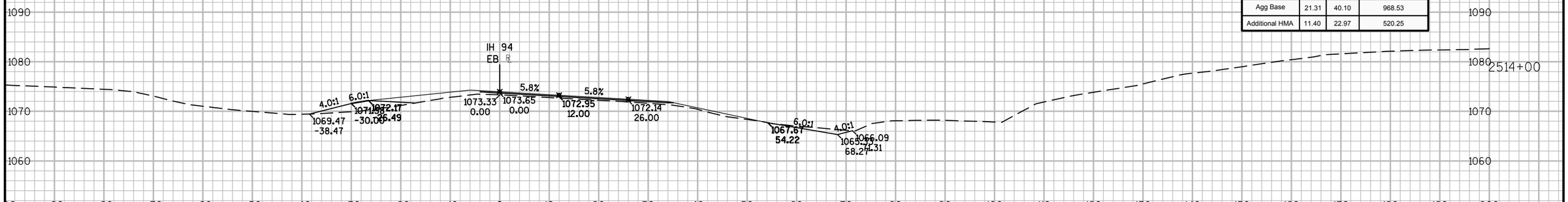
Material(s) at Station 2512+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	10.22	13.90	1782.33
Embankment	17.93	32.37	330.77
Agg Base	7.16	25.82	859.42
Additional HMA	8.62	18.03	454.01

9 9

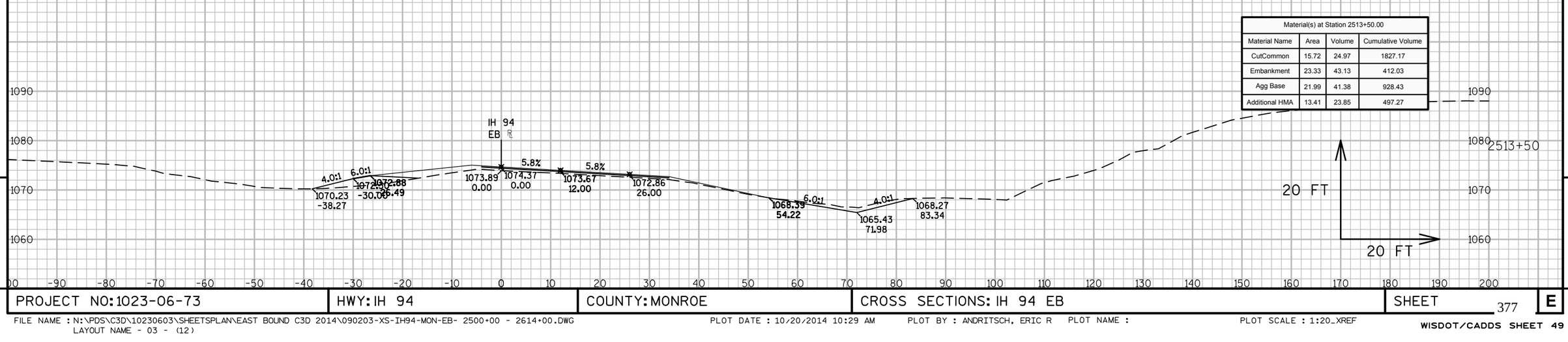
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 376	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (11)
PLOT DATE : 10/20/2014 10:29 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2514+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	7.60	21.59	1848.76
Embankment	22.72	42.64	454.67
Agg Base	21.31	40.10	968.53
Additional HMA	11.40	22.97	520.25



Material(s) at Station 2513+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	15.72	24.97	1827.17
Embankment	23.33	43.13	412.03
Agg Base	21.99	41.38	928.43
Additional HMA	13.41	23.85	497.27



9

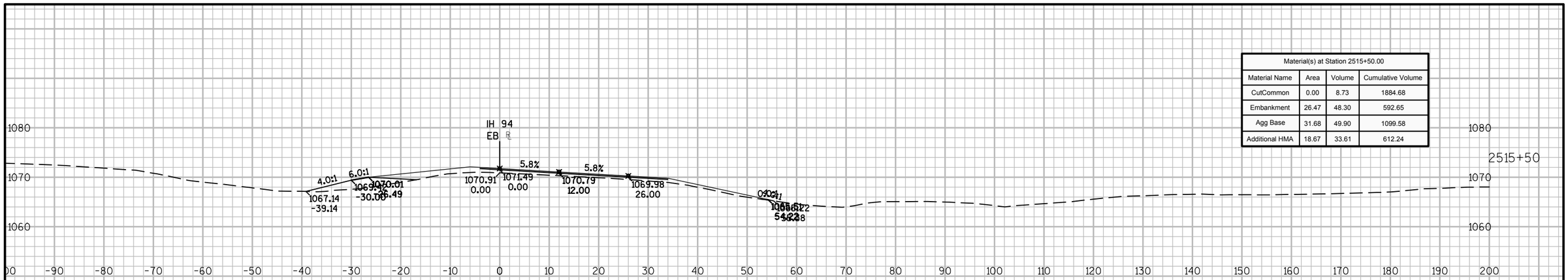
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 377	E

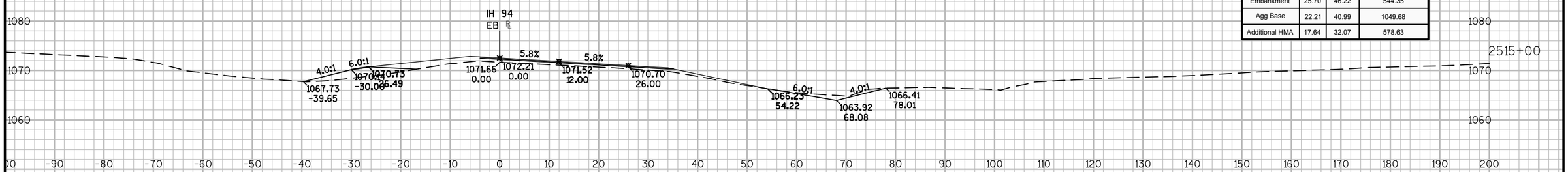
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (12)

PLOT DATE : 10/20/2014 10:29 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

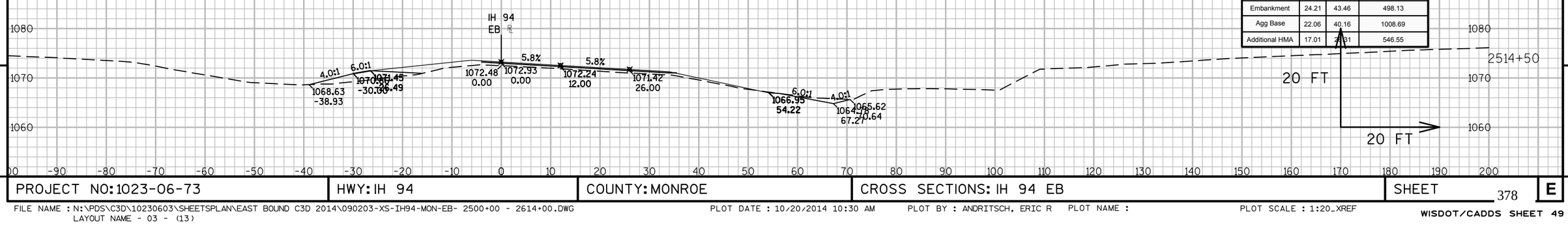
WISDOT/CADDS SHEET 49



Material(s) at Station 2515+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	8.73	1884.68
Embankment	26.47	48.30	592.65
Agg Base	31.68	49.90	1099.58
Additional HMA	18.67	33.61	612.24



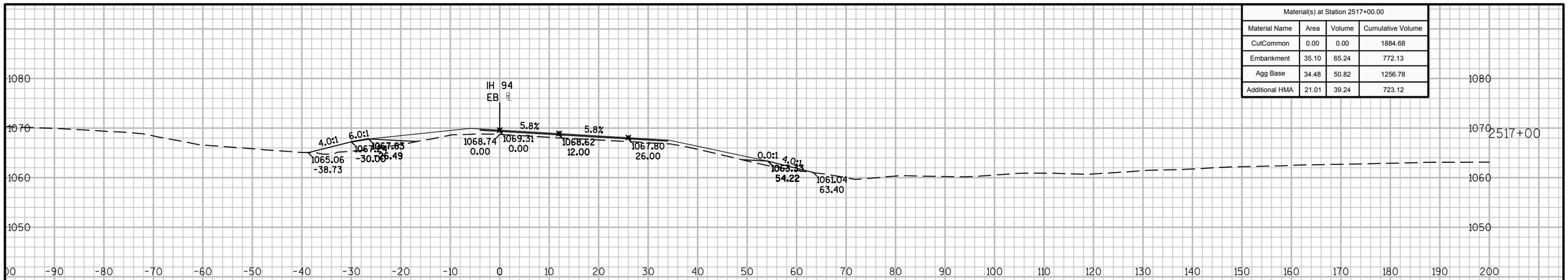
Material(s) at Station 2515+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	9.42	14.44	1875.95
Embankment	25.70	46.22	544.35
Agg Base	22.21	40.99	1049.68
Additional HMA	17.64	32.07	578.63



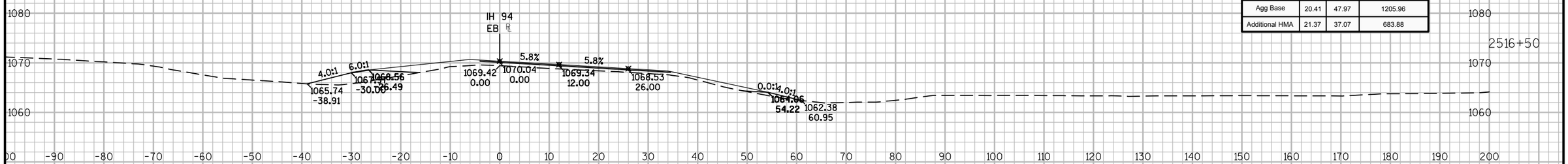
Material(s) at Station 2514+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	6.17	12.75	1861.51
Embankment	24.21	43.46	498.13
Agg Base	22.06	40.16	1008.69
Additional HMA	17.01	31.31	546.55

9 9

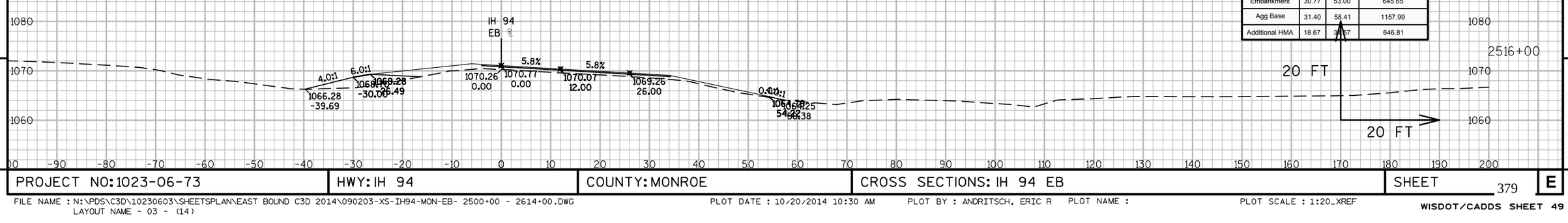
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 378	E



Material(s) at Station 2517+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1884.68
Embankment	35.10	65.24	772.13
Agg Base	34.48	50.82	1256.78
Additional HMA	21.01	39.24	723.12



Material(s) at Station 2516+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1884.68
Embankment	35.37	61.24	706.88
Agg Base	20.41	47.97	1205.96
Additional HMA	21.37	37.07	683.88



Material(s) at Station 2516+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1884.68
Embankment	30.77	53.00	645.65
Agg Base	31.40	58.41	1157.99
Additional HMA	18.67	34.67	646.81

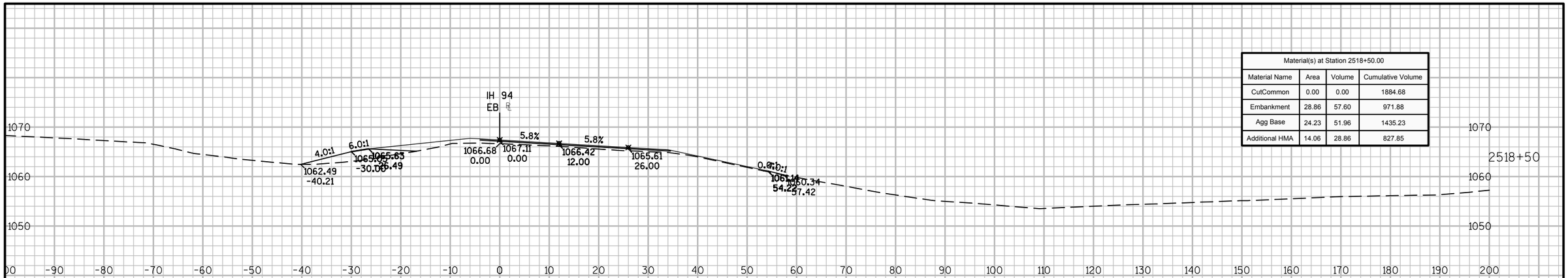
9

9

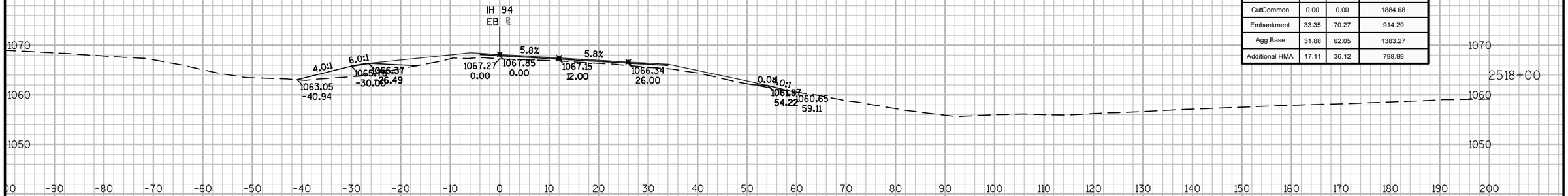
PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 379 | E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (14)

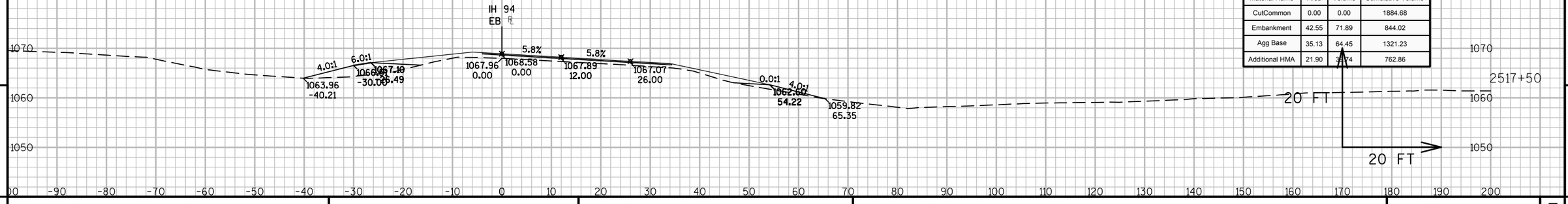
PLOT DATE : 10/20/2014 10:30 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2518+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1884.68
Embankment	28.86	57.60	971.88
Agg Base	24.23	51.96	1435.23
Additional HMA	14.06	28.86	827.85



Material(s) at Station 2518+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1884.68
Embankment	33.35	70.27	914.29
Agg Base	31.88	62.05	1383.27
Additional HMA	17.11	36.12	798.99



Material(s) at Station 2517+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1884.68
Embankment	42.55	71.89	844.02
Agg Base	35.13	64.45	1321.23
Additional HMA	21.90	39.74	762.86

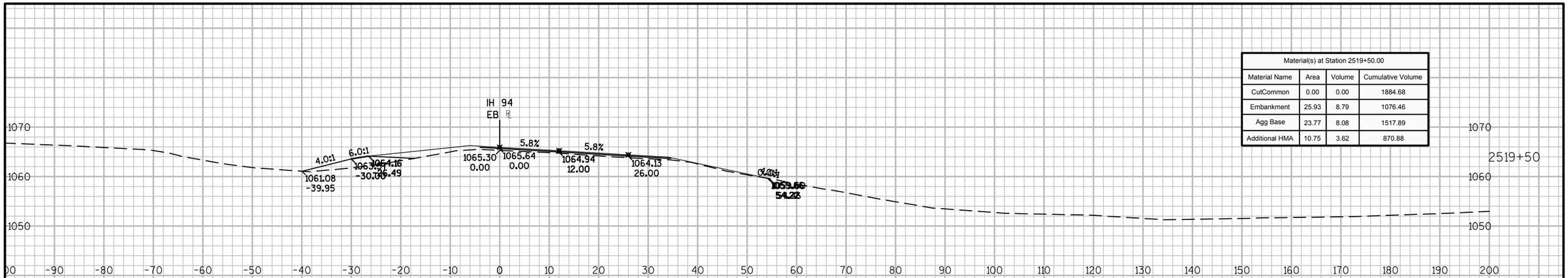
9

9

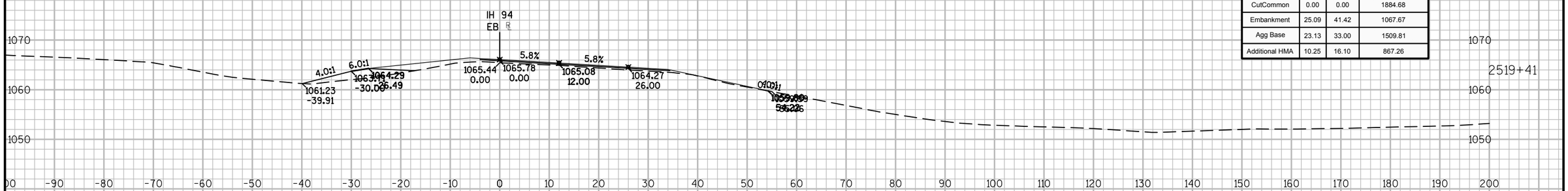
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 380	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (15)

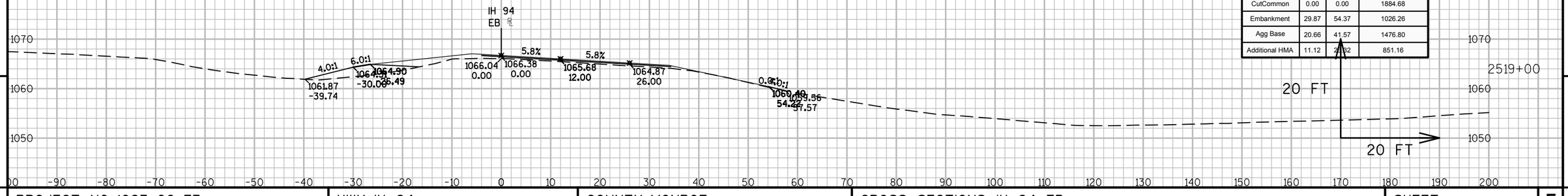
PLOT DATE : 10/20/2014 10:30 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2519+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1884.68
Embankment	25.93	8.79	1076.46
Agg Base	23.77	8.08	1517.89
Additional HMA	10.75	3.62	870.88



Material(s) at Station 2519+40.69			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1884.68
Embankment	25.09	41.42	1067.67
Agg Base	23.13	33.00	1509.81
Additional HMA	10.25	16.10	867.26



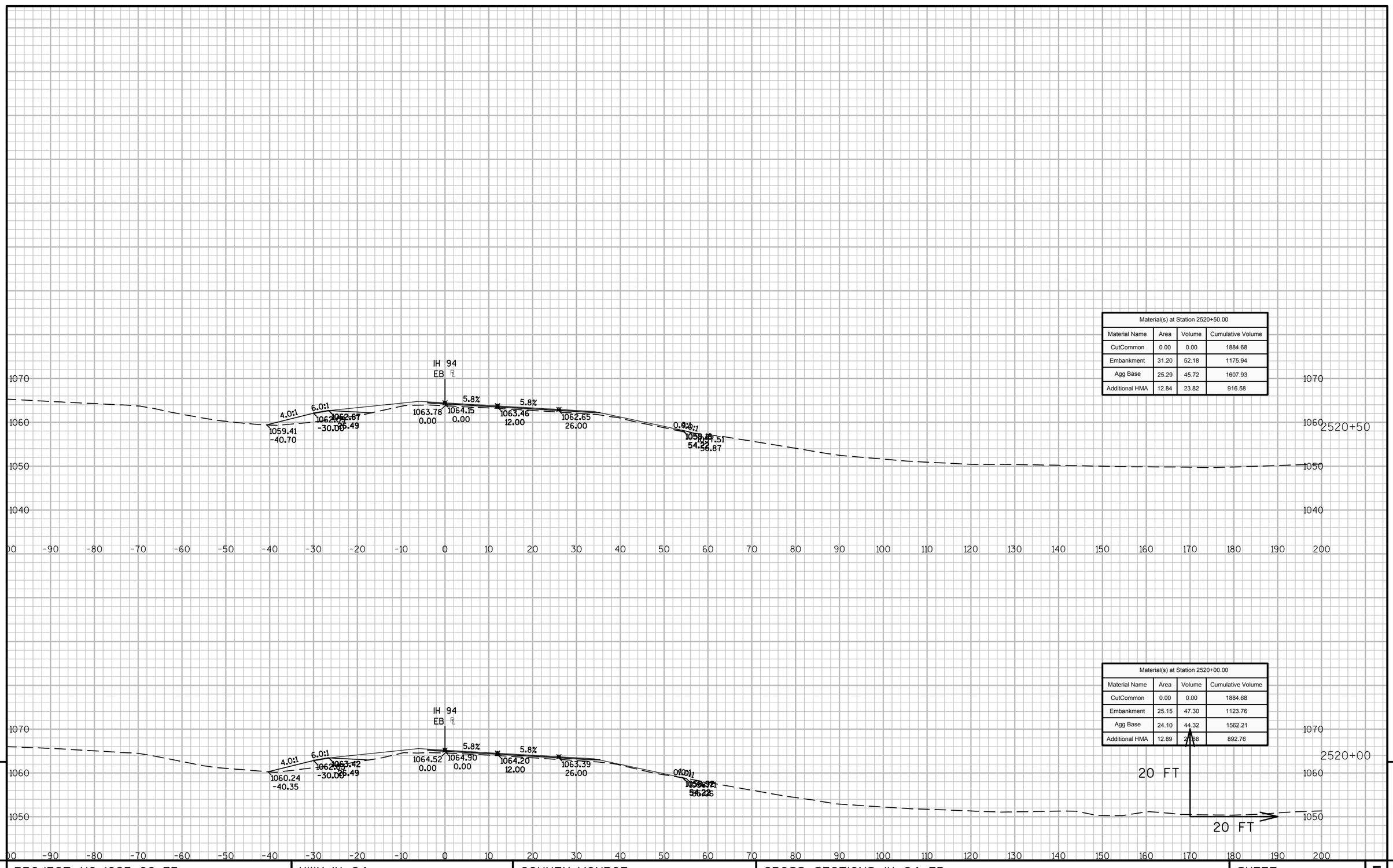
Material(s) at Station 2519+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1884.68
Embankment	29.87	54.37	1026.26
Agg Base	20.66	41.57	1476.80
Additional HMA	11.12	23.82	851.16

9 9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 381	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (16)

PLOT DATE : 10/20/2014 10:30 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2520+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1884.68
Embankment	31.20	52.18	1175.94
Agg Base	25.29	45.72	1607.93
Additional HMA	12.84	23.82	916.58

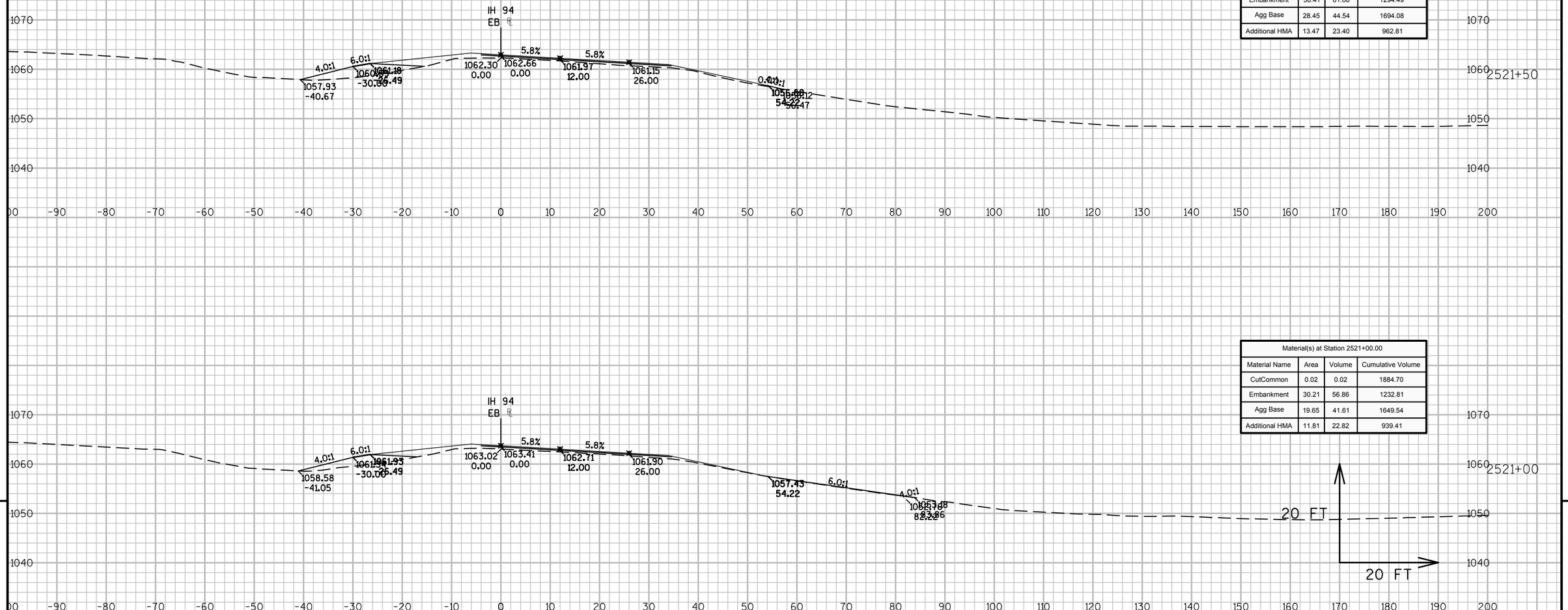
Material(s) at Station 2520+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1884.68
Embankment	25.15	47.30	1123.76
Agg Base	24.10	44.32	1562.21
Additional HMA	12.89	23.88	892.76

9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 382	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (17)
PLOT DATE : 10/20/2014 10:30 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2521+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.02	1884.72
Embankment	36.41	61.68	1294.49
Agg Base	28.45	44.54	1694.08
Additional HMA	13.47	23.40	962.81

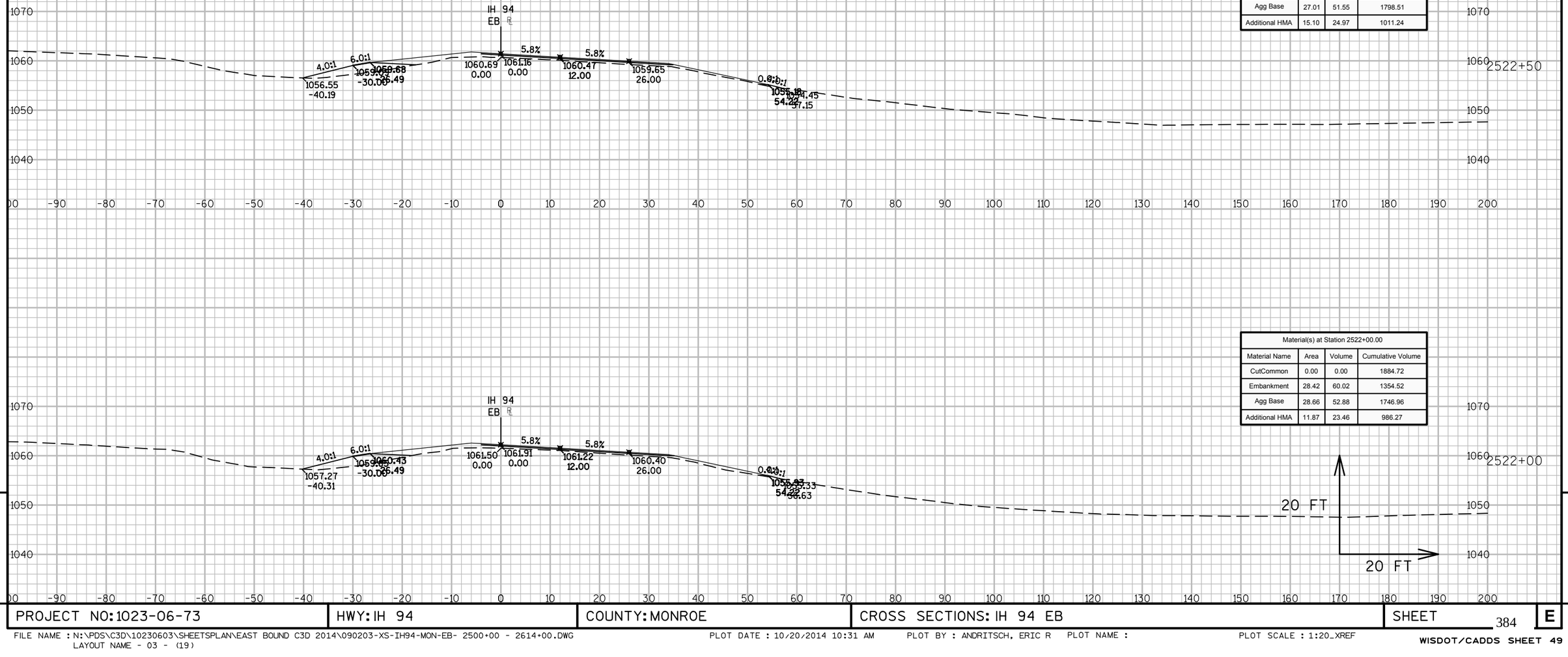
Material(s) at Station 2521+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.02	0.02	1884.70
Embankment	30.21	56.86	1232.81
Agg Base	19.65	41.61	1649.54
Additional HMA	11.81	22.82	939.41

9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 383	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (18)
PLOT DATE : 10/20/2014 10:30 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2522+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1884.72
Embankment	27.87	52.11	1406.63
Agg Base	27.01	51.55	1798.51
Additional HMA	15.10	24.97	1011.24

Material(s) at Station 2522+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1884.72
Embankment	28.42	60.02	1354.52
Agg Base	28.66	52.88	1746.96
Additional HMA	11.87	23.46	986.27

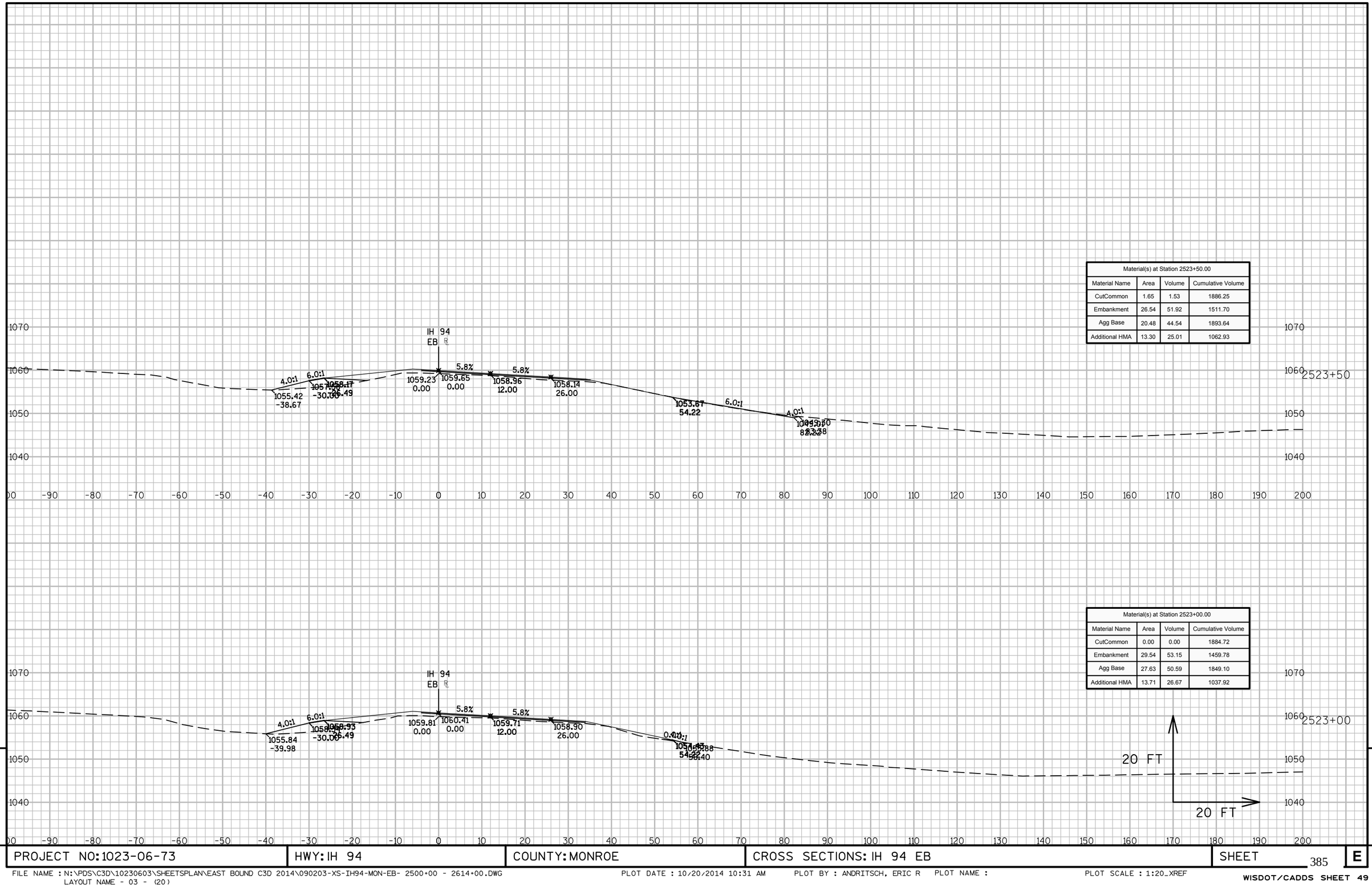
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 384	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (19)

PLOT DATE : 10/20/2014 10:31 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2523+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	1.65	1.53	1886.25
Embankment	26.54	51.92	1511.70
Agg Base	20.48	44.54	1893.64
Additional HMA	13.30	25.01	1062.93

Material(s) at Station 2523+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1884.72
Embankment	29.54	53.15	1459.78
Agg Base	27.63	50.59	1849.10
Additional HMA	13.71	26.67	1037.92

9

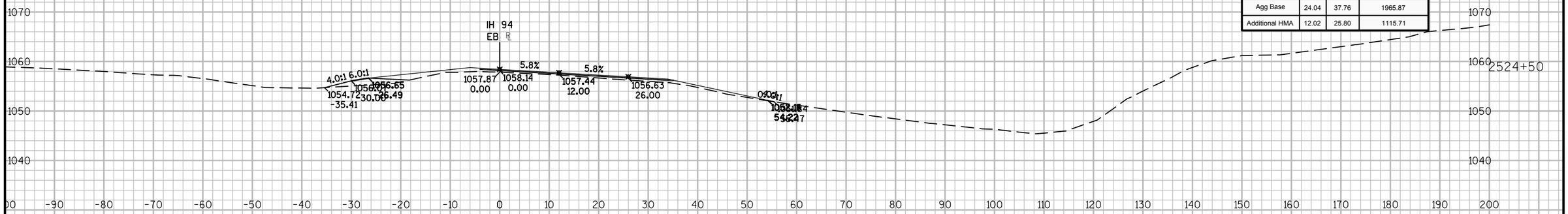
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 385	E

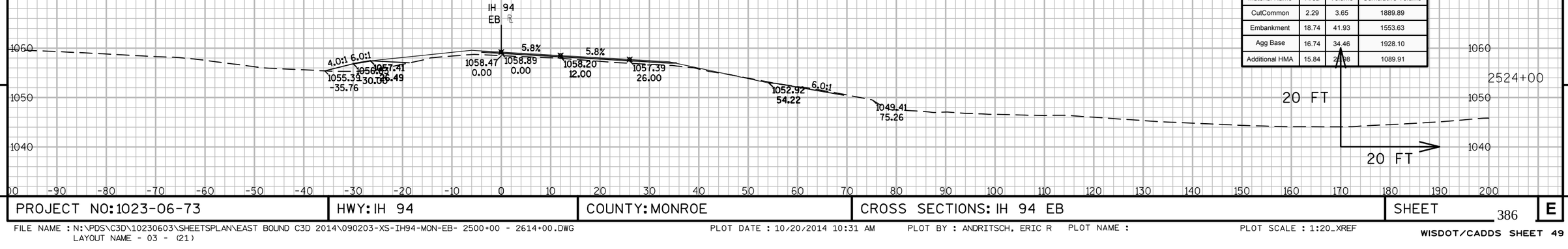
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (20)

PLOT DATE : 10/20/2014 10:31 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2524+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	2.12	1892.01
Embankment	13.89	30.21	1583.84
Agg Base	24.04	37.76	1965.87
Additional HMA	12.02	25.80	1115.71



Material(s) at Station 2524+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	2.29	3.65	1889.89
Embankment	18.74	41.93	1553.63
Agg Base	16.74	34.46	1928.10
Additional HMA	15.84	26.98	1089.91



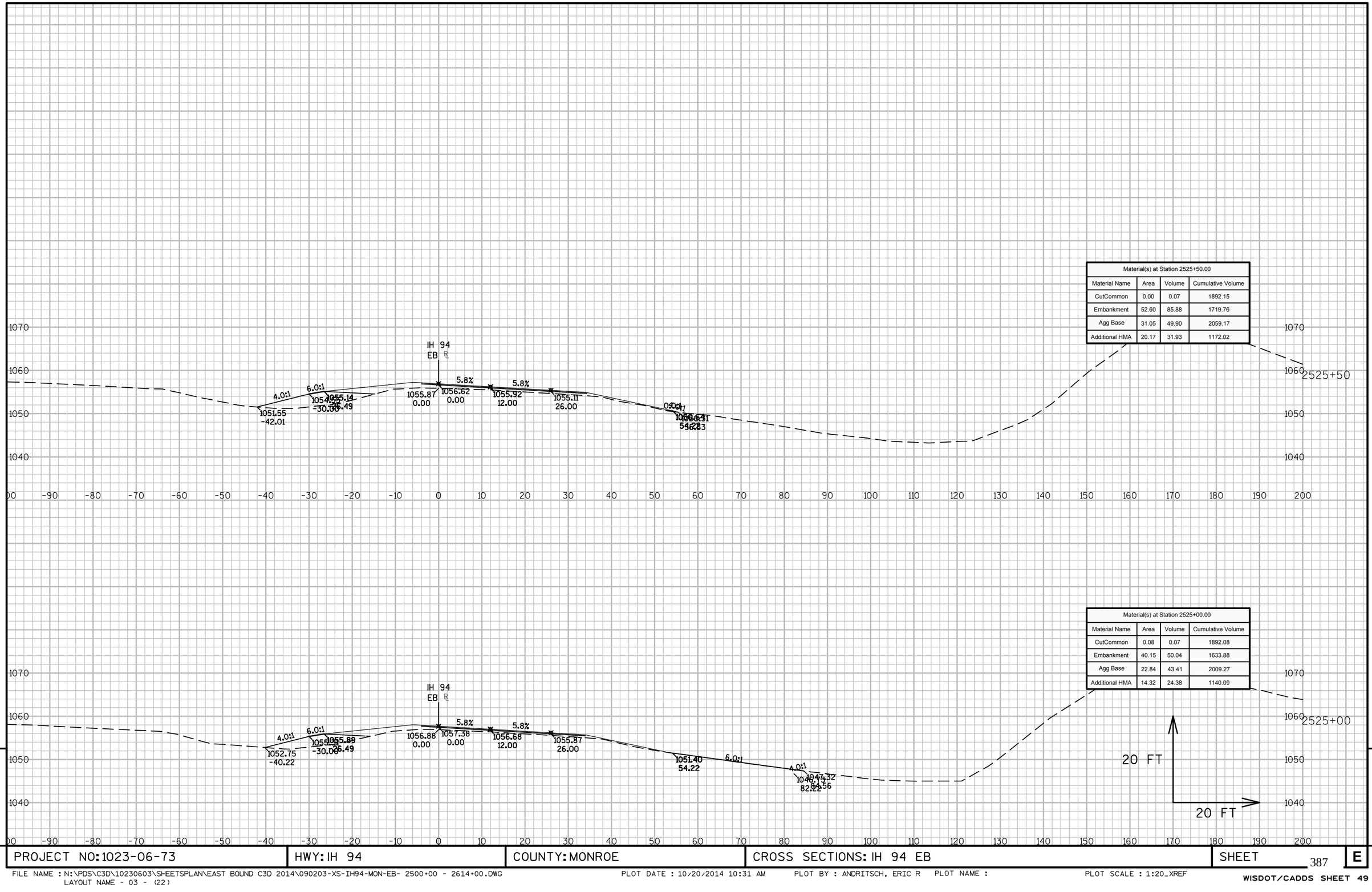
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 386	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (21)

PLOT DATE : 10/20/2014 10:31 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



9

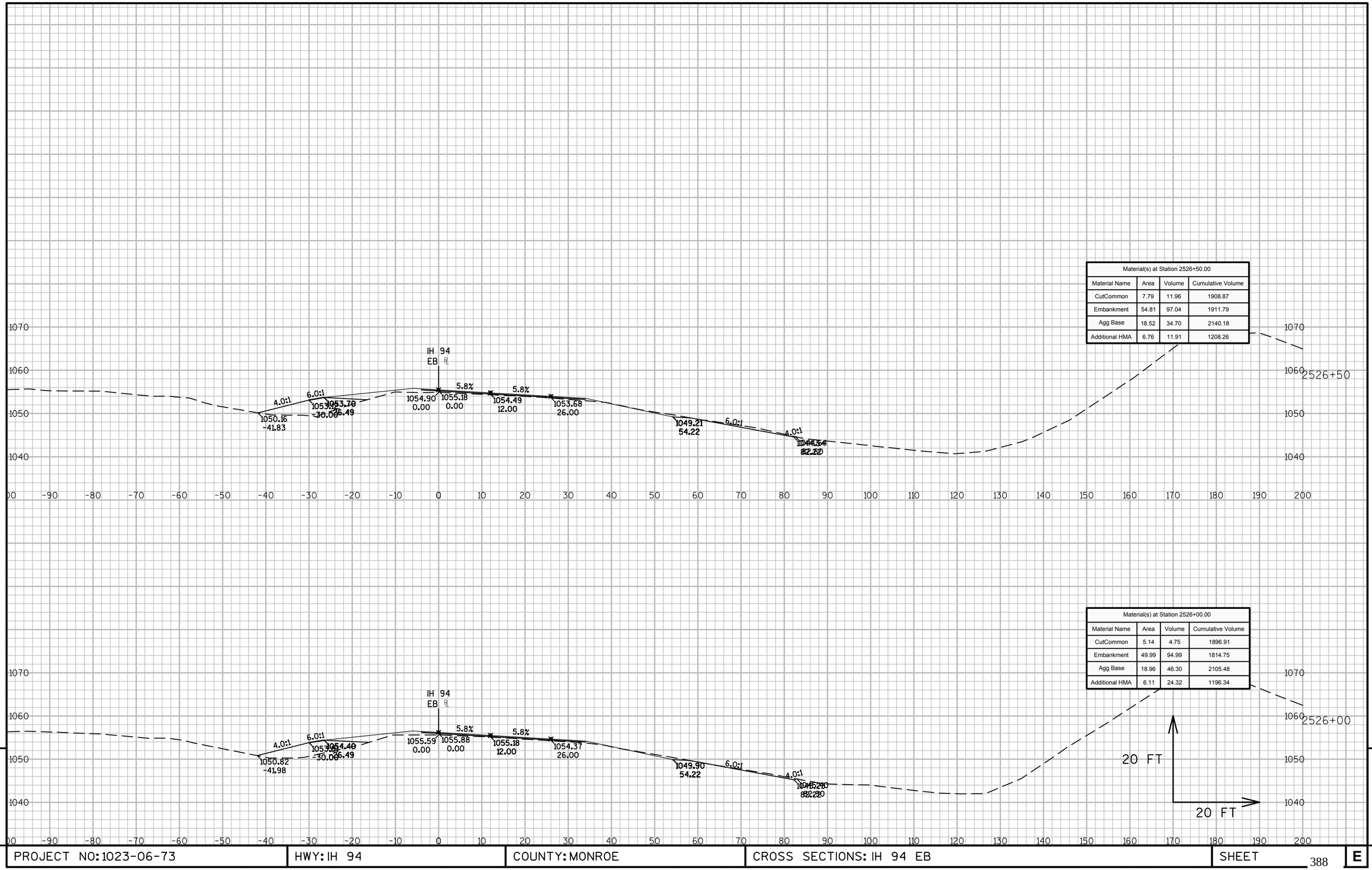
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 387	E

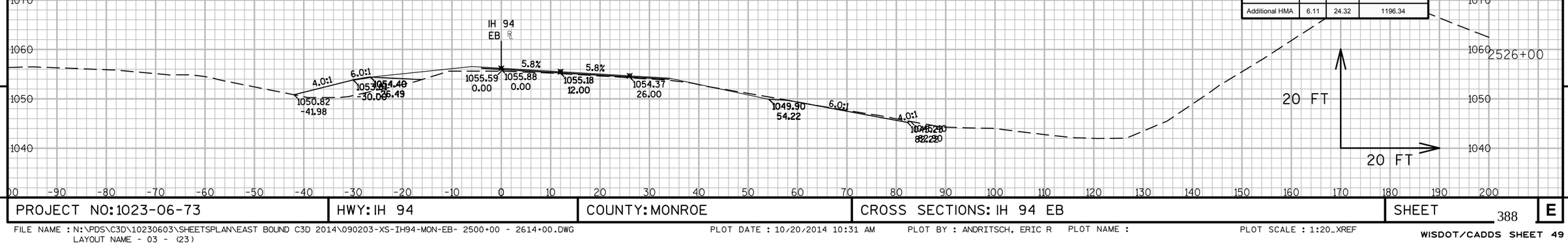
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (22)

PLOT DATE : 10/20/2014 10:31 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2526+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	7.79	11.96	1908.87
Embankment	54.81	97.04	1911.79
Agg Base	18.52	34.70	2140.18
Additional HMA	6.76	11.91	1208.26



Material(s) at Station 2526+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	5.14	4.75	1896.91
Embankment	49.99	94.99	1814.75
Agg Base	18.96	46.30	2105.48
Additional HMA	6.11	24.32	1196.34

9

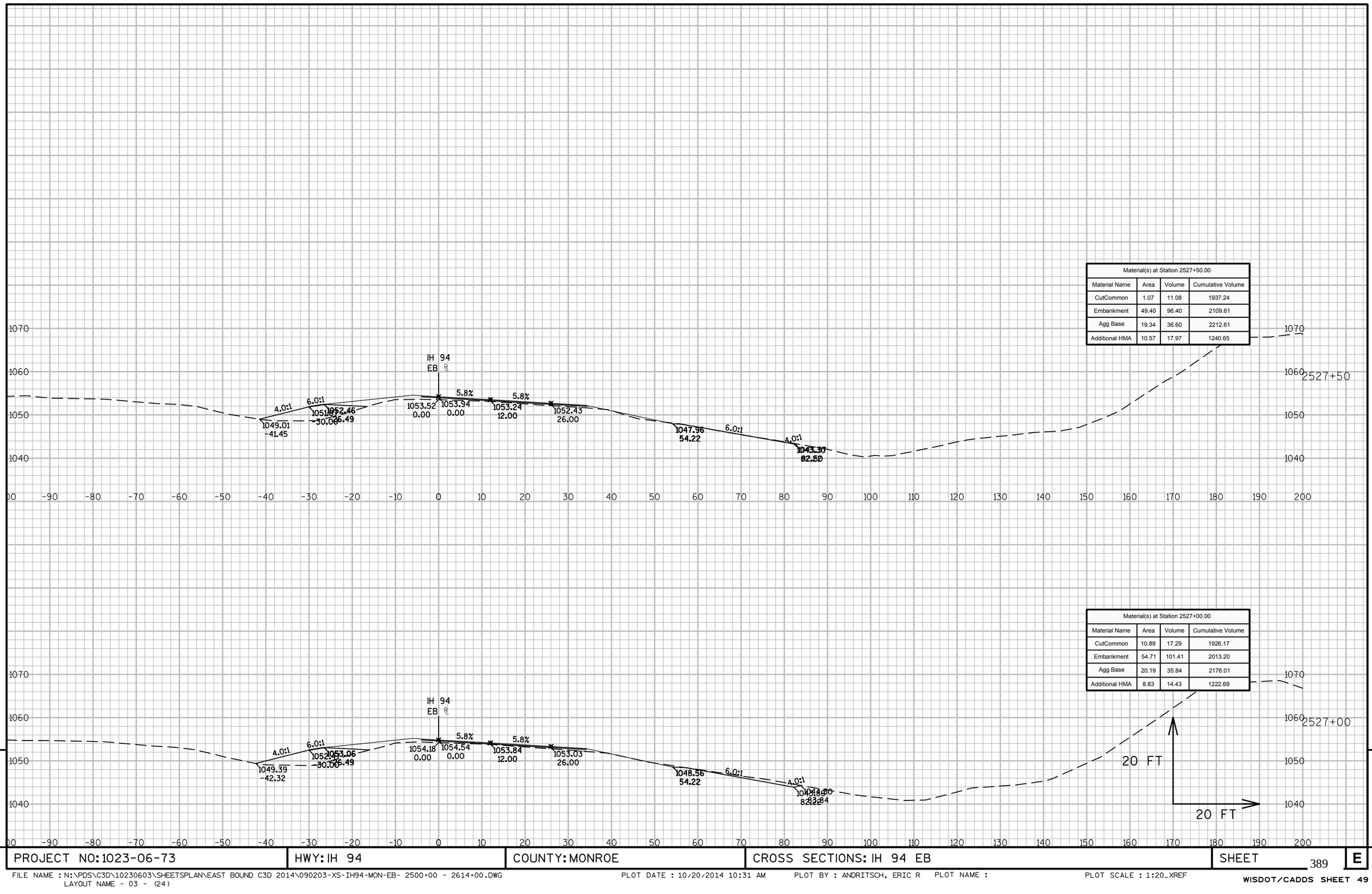
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 388	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (23)

PLOT DATE : 10/20/2014 10:31 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



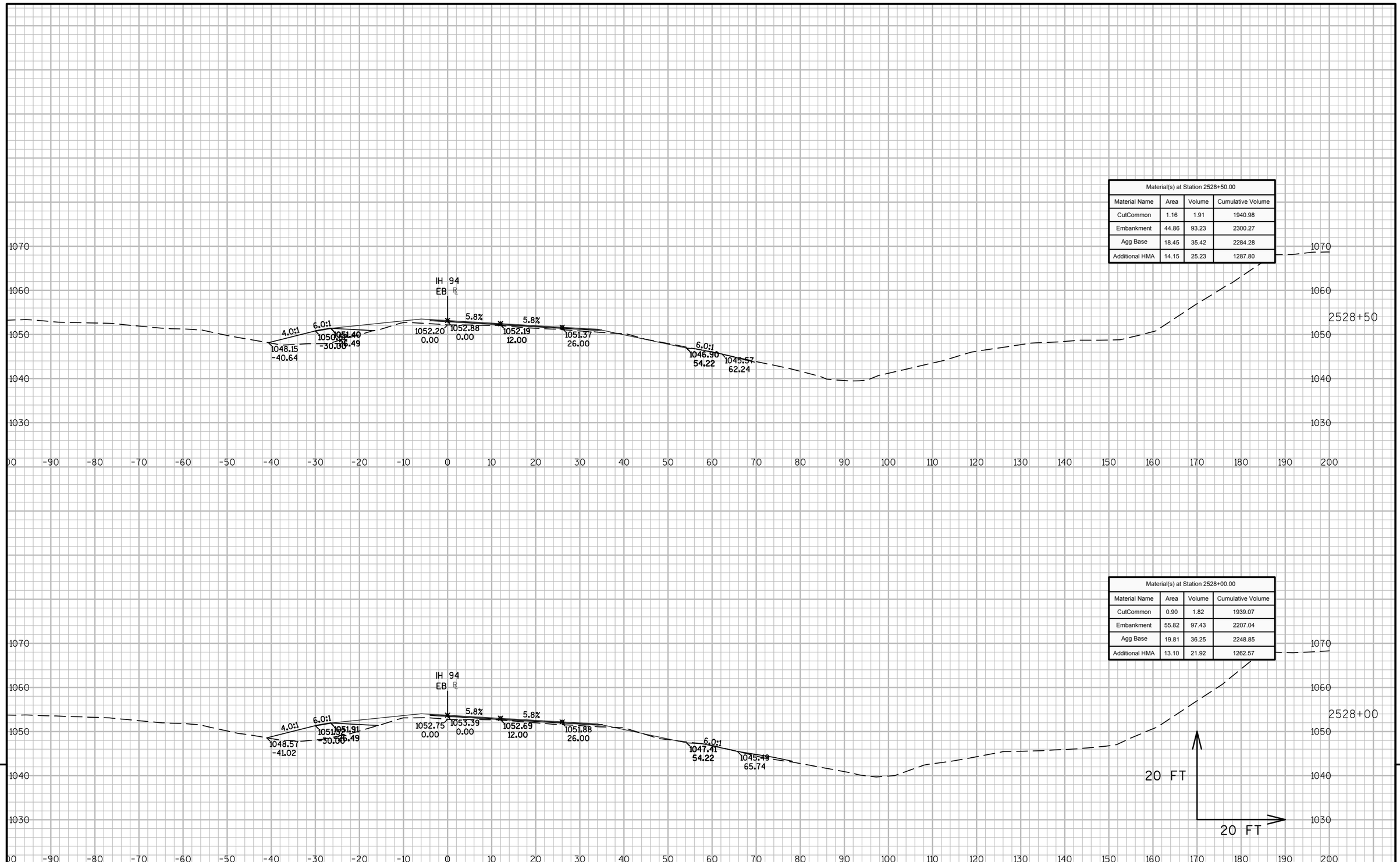
Material(s) at Station 2527+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	1.07	11.08	1937.24
Embankment	49.40	96.40	2109.61
Agg Base	19.34	36.60	2212.61
Additional HMA	10.57	17.97	1240.65

Material(s) at Station 2527+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	10.89	17.29	1926.17
Embankment	54.71	101.41	2013.20
Agg Base	20.19	35.84	2176.01
Additional HMA	8.83	14.43	1222.69

9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 389	E

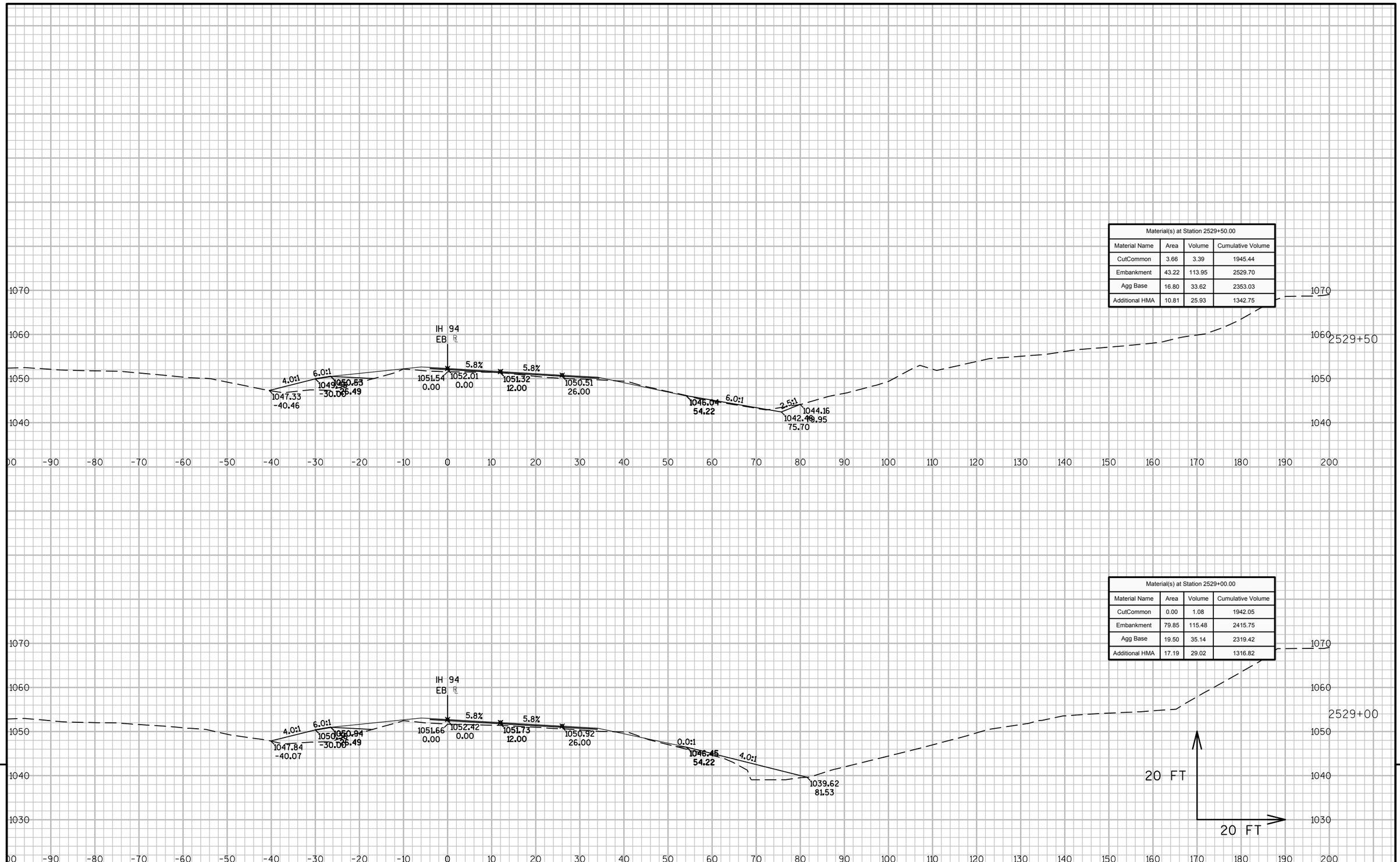


Material(s) at Station 2528+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	1.16	1.91	1940.98
Embankment	44.86	93.23	2300.27
Agg Base	18.45	35.42	2284.28
Additional HMA	14.15	25.23	1287.80

Material(s) at Station 2528+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.90	1.82	1939.07
Embankment	55.82	97.43	2207.04
Agg Base	19.81	36.25	2248.85
Additional HMA	13.10	21.92	1262.57

9 9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 390	E

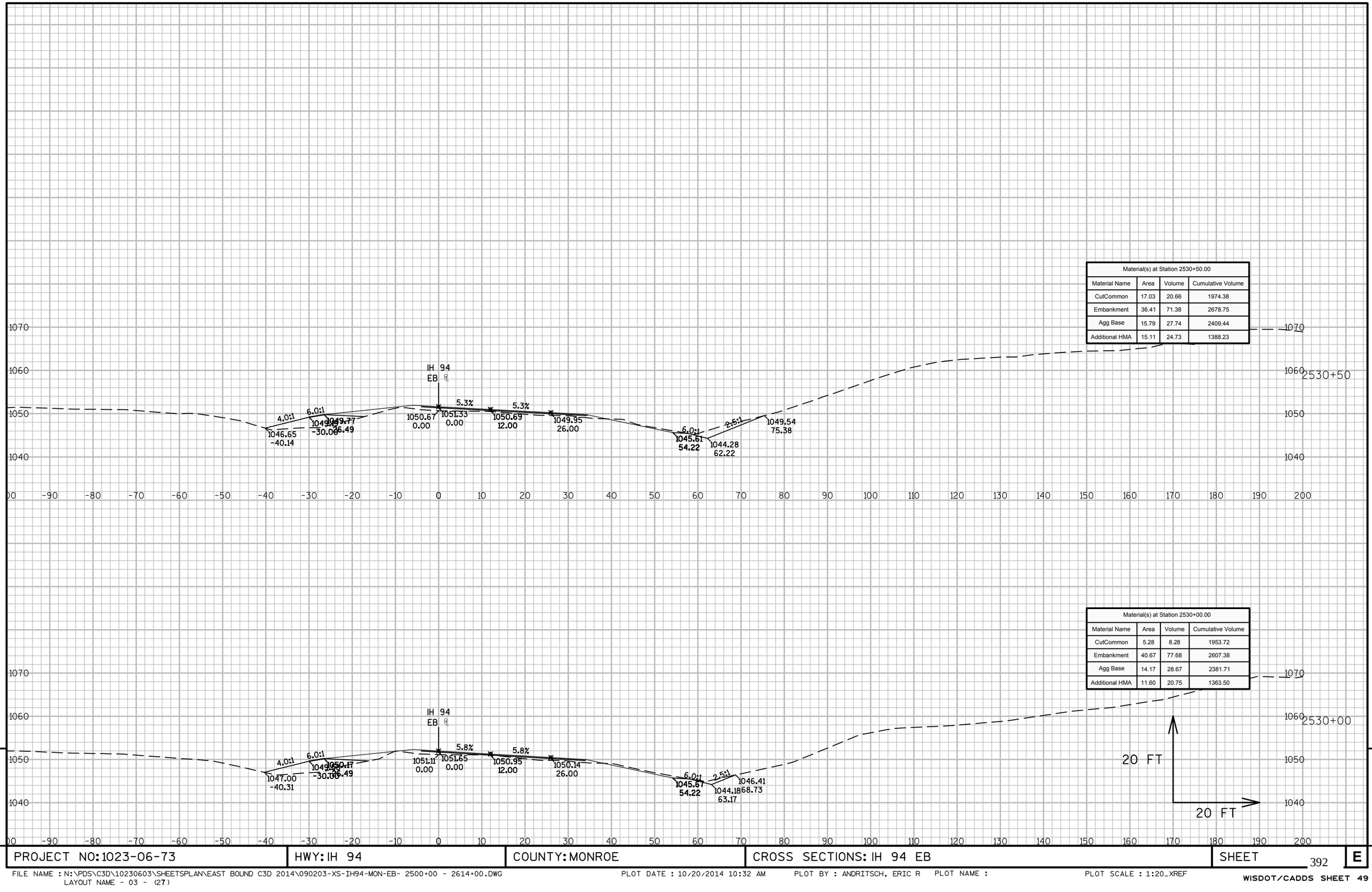


PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 391 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (26)

PLOT DATE : 10/20/2014 10:32 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2530+50.00

Material Name	Area	Volume	Cumulative Volume
CutCommon	17.03	20.66	1974.38
Embankment	36.41	71.38	2678.75
Agg Base	15.79	27.74	2409.44
Additional HMA	15.11	24.73	1388.23

Material(s) at Station 2530+00.00

Material Name	Area	Volume	Cumulative Volume
CutCommon	5.28	8.28	1953.72
Embankment	40.67	77.68	2607.38
Agg Base	14.17	28.67	2381.71
Additional HMA	11.60	20.75	1363.50

9

9

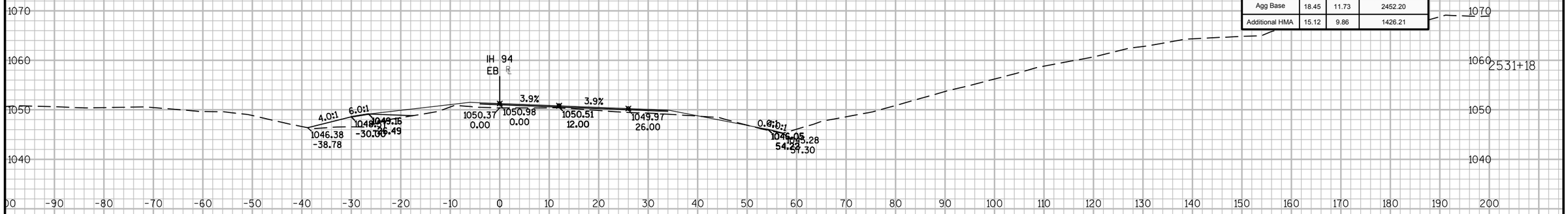
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 392	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (27)

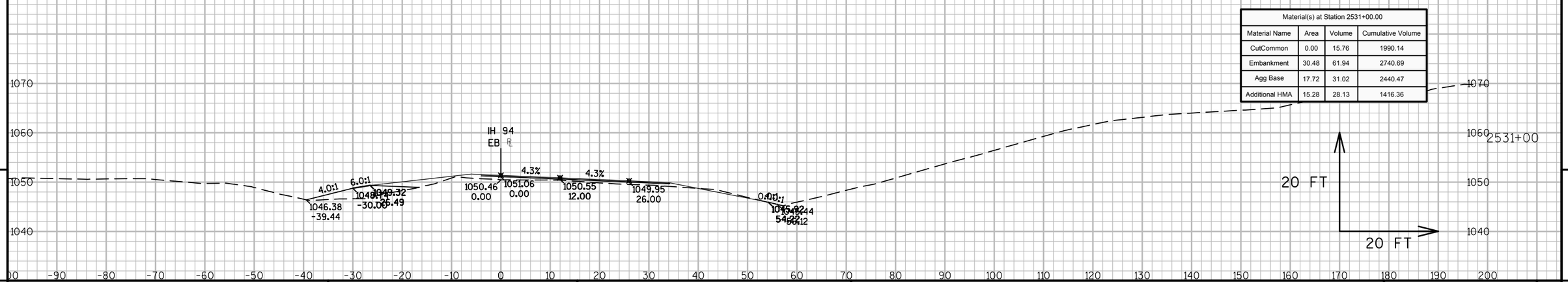
PLOT DATE : 10/20/2014 10:32 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

Material(s) at Station 2531+17.51			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1990.14
Embankment	27.20	18.70	2759.39
Agg Base	18.45	11.73	2452.20
Additional HMA	15.12	9.86	1426.21



Material(s) at Station 2531+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	15.76	1990.14
Embankment	30.48	61.94	2740.69
Agg Base	17.72	31.02	2440.47
Additional HMA	15.28	28.13	1416.36



9

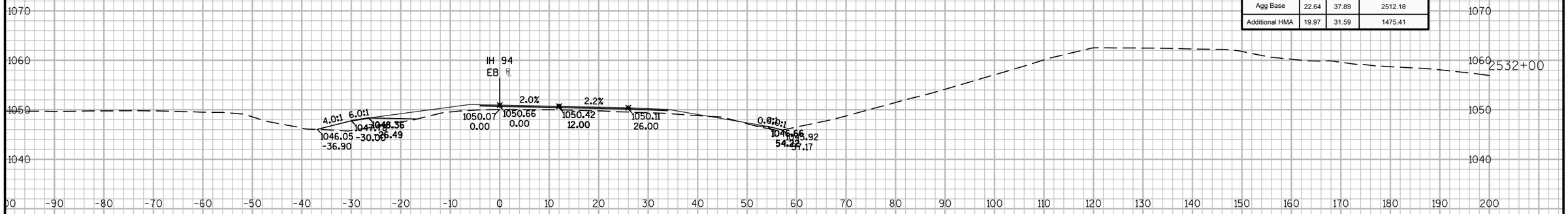
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 393	E

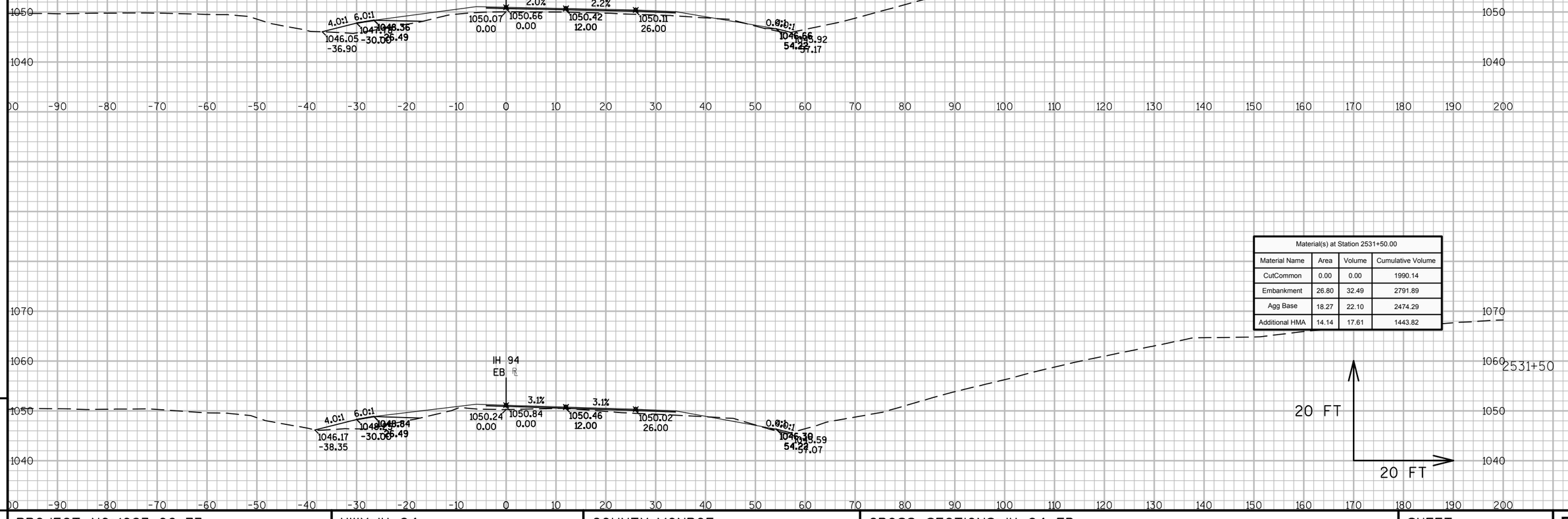
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (28)

PLOT DATE : 10/20/2014 10:32 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2532+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1990.14
Embankment	25.43	48.36	2840.25
Agg Base	22.64	37.89	2512.18
Additional HMA	19.97	31.59	1475.41



Material(s) at Station 2531+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1990.14
Embankment	26.80	32.49	2791.89
Agg Base	18.27	22.10	2474.29
Additional HMA	14.14	17.61	1443.82



9

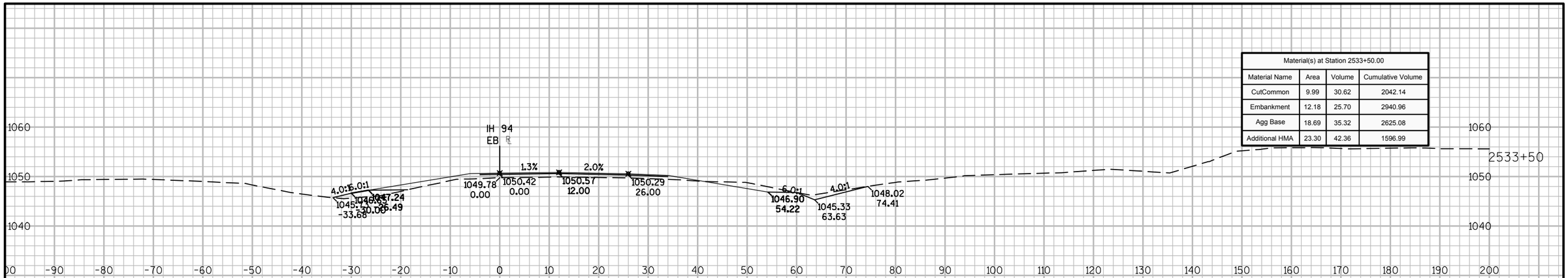
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 394	E

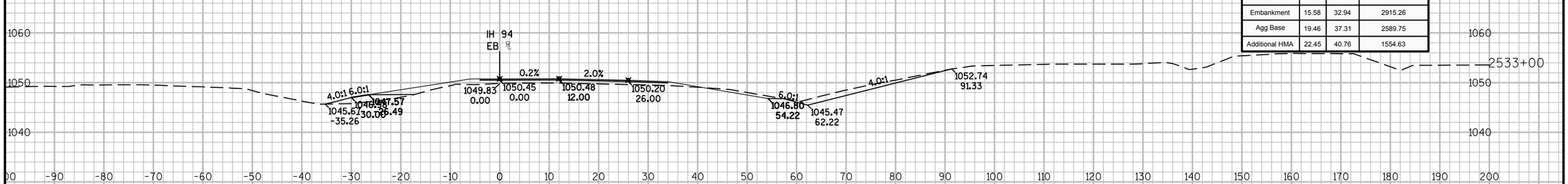
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (29)

PLOT DATE : 10/20/2014 10:32 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2533+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	9.99	30.62	2042.14
Embankment	12.18	25.70	2940.96
Agg Base	18.69	35.32	2625.08
Additional HMA	23.30	42.36	1596.99



Material(s) at Station 2533+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	23.08	21.37	2011.52
Embankment	15.58	32.94	2915.26
Agg Base	19.46	37.31	2589.75
Additional HMA	22.45	40.76	1554.63



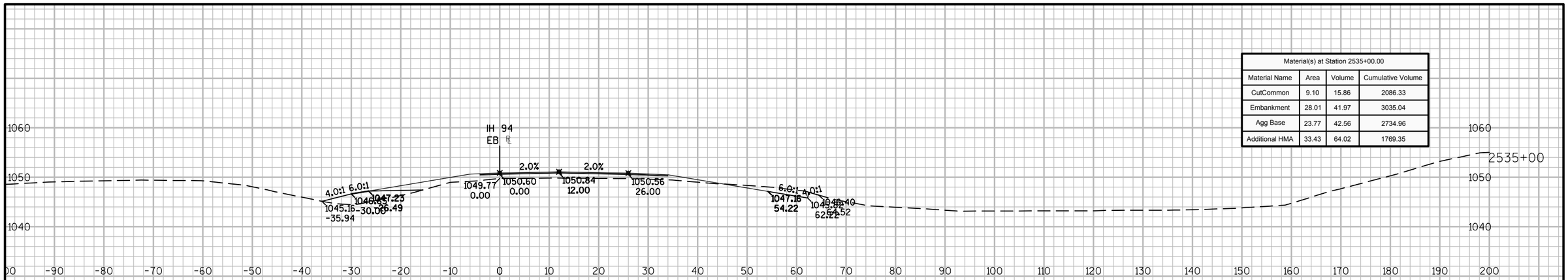
Material(s) at Station 2532+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1990.14
Embankment	20.00	42.07	2882.32
Agg Base	20.84	40.26	2552.44
Additional HMA	21.57	39.46	1513.87

9 9

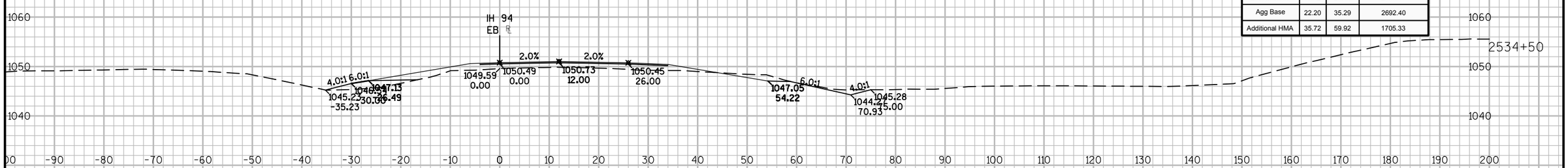
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 395 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (30)

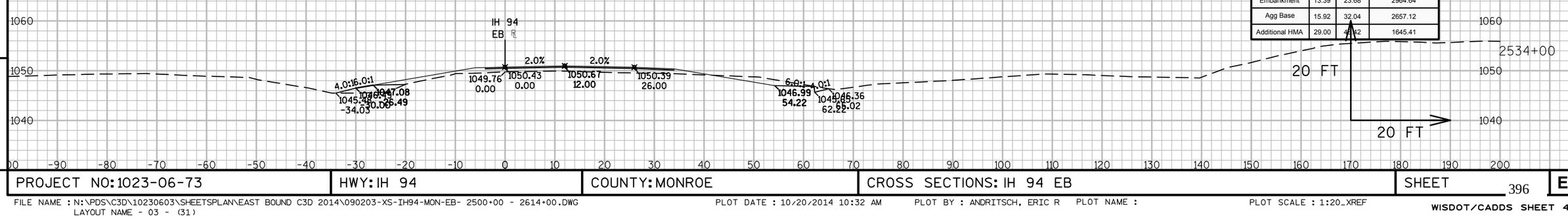
PLOT DATE : 10/20/2014 10:32 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2535+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	9.10	15.86	2086.33
Embankment	28.01	41.97	3035.04
Agg Base	23.77	42.56	2734.96
Additional HMA	33.43	64.02	1769.35



Material(s) at Station 2534+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	8.03	13.26	2070.47
Embankment	17.32	28.43	2993.07
Agg Base	22.20	35.29	2692.40
Additional HMA	35.72	59.92	1705.33

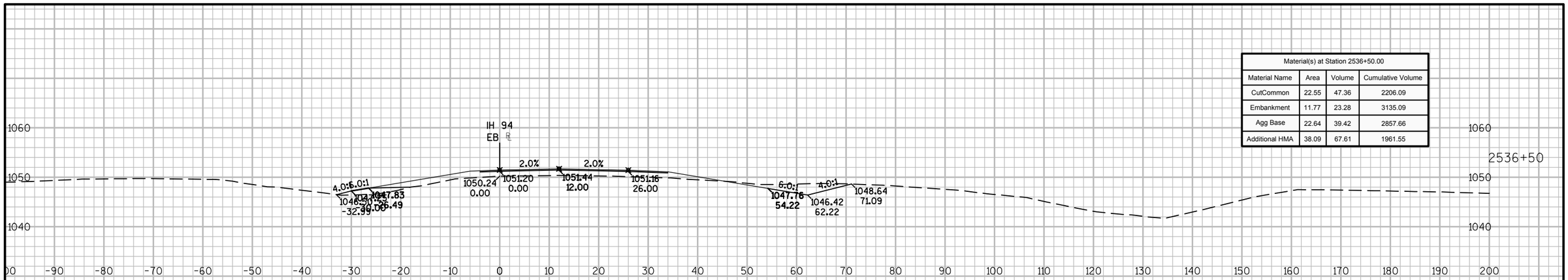


Material(s) at Station 2534+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	6.29	15.07	2057.21
Embankment	13.39	23.68	2964.64
Agg Base	15.92	32.04	2657.12
Additional HMA	29.00	48.82	1645.41

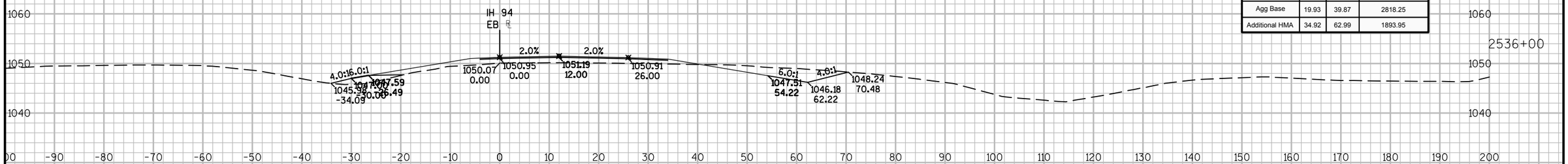
9 9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 396 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (31)
PLOT DATE : 10/20/2014 10:32 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2536+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	22.55	47.36	2206.09
Embankment	11.77	23.28	3135.09
Agg Base	22.64	39.42	2857.66
Additional HMA	38.09	67.61	1961.55



Material(s) at Station 2536+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	28.60	45.23	2158.73
Embankment	13.37	31.61	3111.81
Agg Base	19.93	39.87	2818.25
Additional HMA	34.92	62.99	1893.95

Material(s) at Station 2535+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	20.25	27.17	2113.50
Embankment	20.76	45.16	3080.20
Agg Base	23.12	43.42	2778.38
Additional HMA	33.11	61.60	1830.96

9

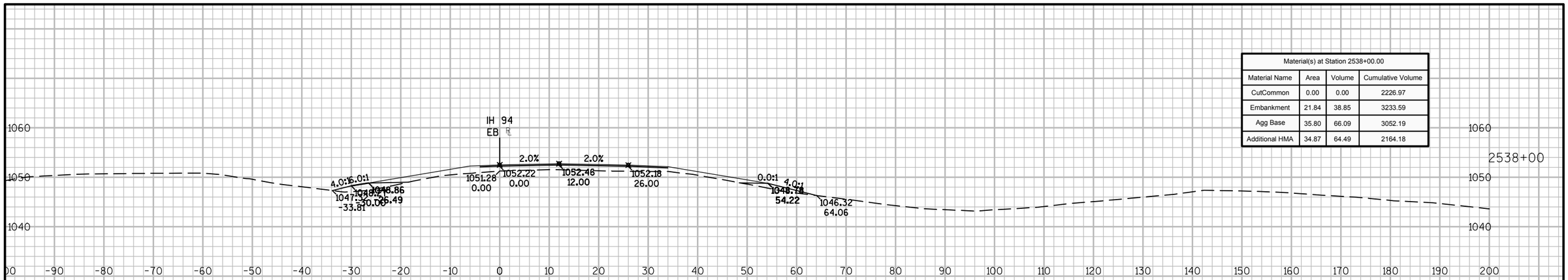
9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 397 E

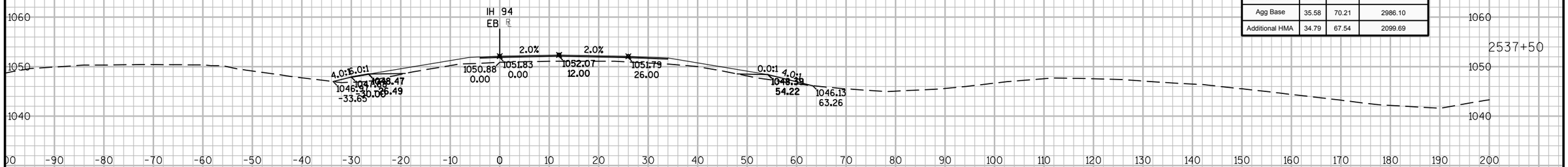
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (32)

PLOT DATE : 10/20/2014 10:32 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

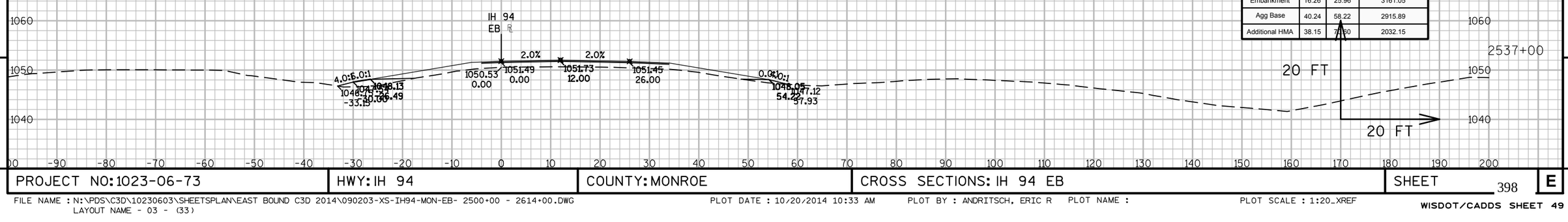
WISDOT/CADDS SHEET 49



Material(s) at Station 2538+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2226.97
Embankment	21.84	38.85	3233.59
Agg Base	35.80	66.09	3052.19
Additional HMA	34.87	64.49	2164.18



Material(s) at Station 2537+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2226.97
Embankment	20.12	33.69	3194.74
Agg Base	35.58	70.21	2986.10
Additional HMA	34.79	67.54	2099.69

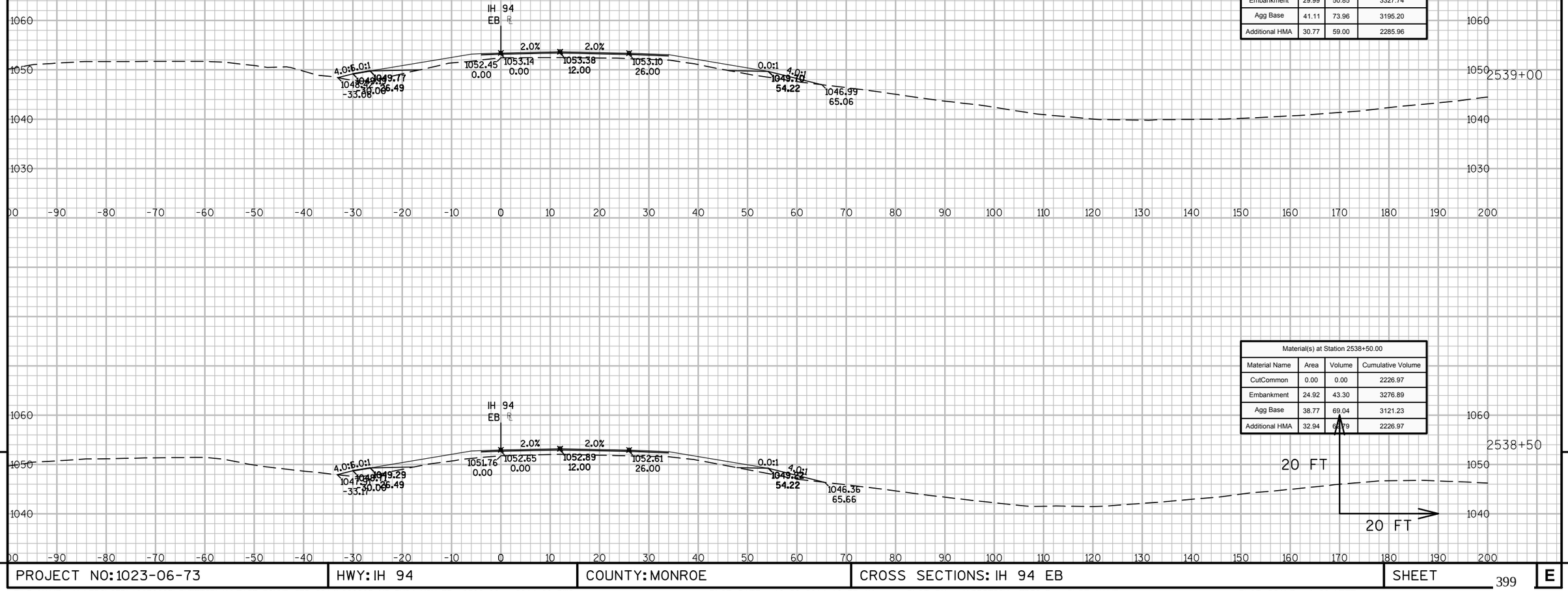


Material(s) at Station 2537+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	20.88	2226.97
Embankment	16.26	25.96	3161.05
Agg Base	40.24	58.22	2915.89
Additional HMA	38.15	70.60	2032.15

9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 398	E



Material(s) at Station 2539+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2226.97
Embankment	29.99	50.85	3327.74
Agg Base	41.11	73.96	3195.20
Additional HMA	30.77	59.00	2285.96

Material(s) at Station 2538+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2226.97
Embankment	24.92	43.30	3276.89
Agg Base	38.77	69.04	3121.23
Additional HMA	32.94	60.79	2226.97

9

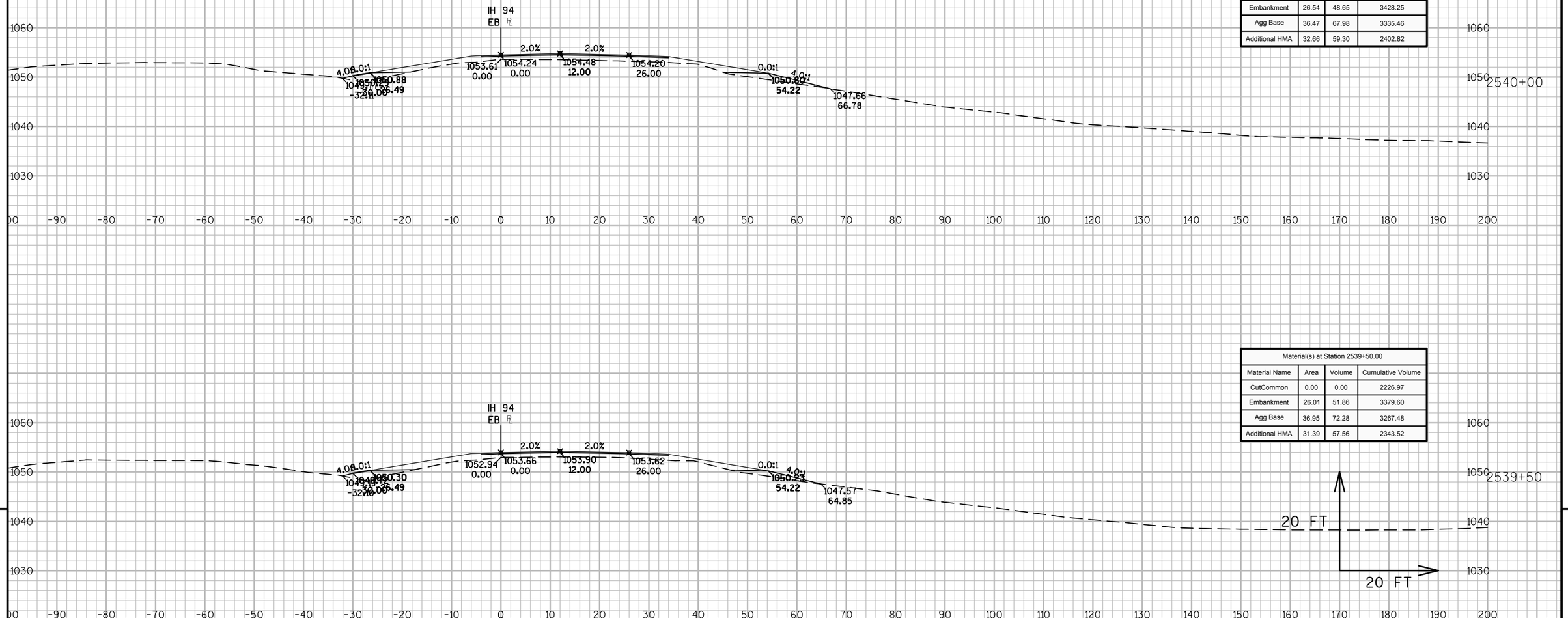
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 399	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (34)

PLOT DATE : 10/20/2014 10:33 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2540+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2226.97
Embankment	26.54	48.65	3428.25
Agg Base	36.47	67.98	3335.46
Additional HMA	32.66	59.30	2402.82

Material(s) at Station 2539+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2226.97
Embankment	26.01	51.86	3379.60
Agg Base	36.95	72.28	3267.48
Additional HMA	31.39	57.56	2343.52

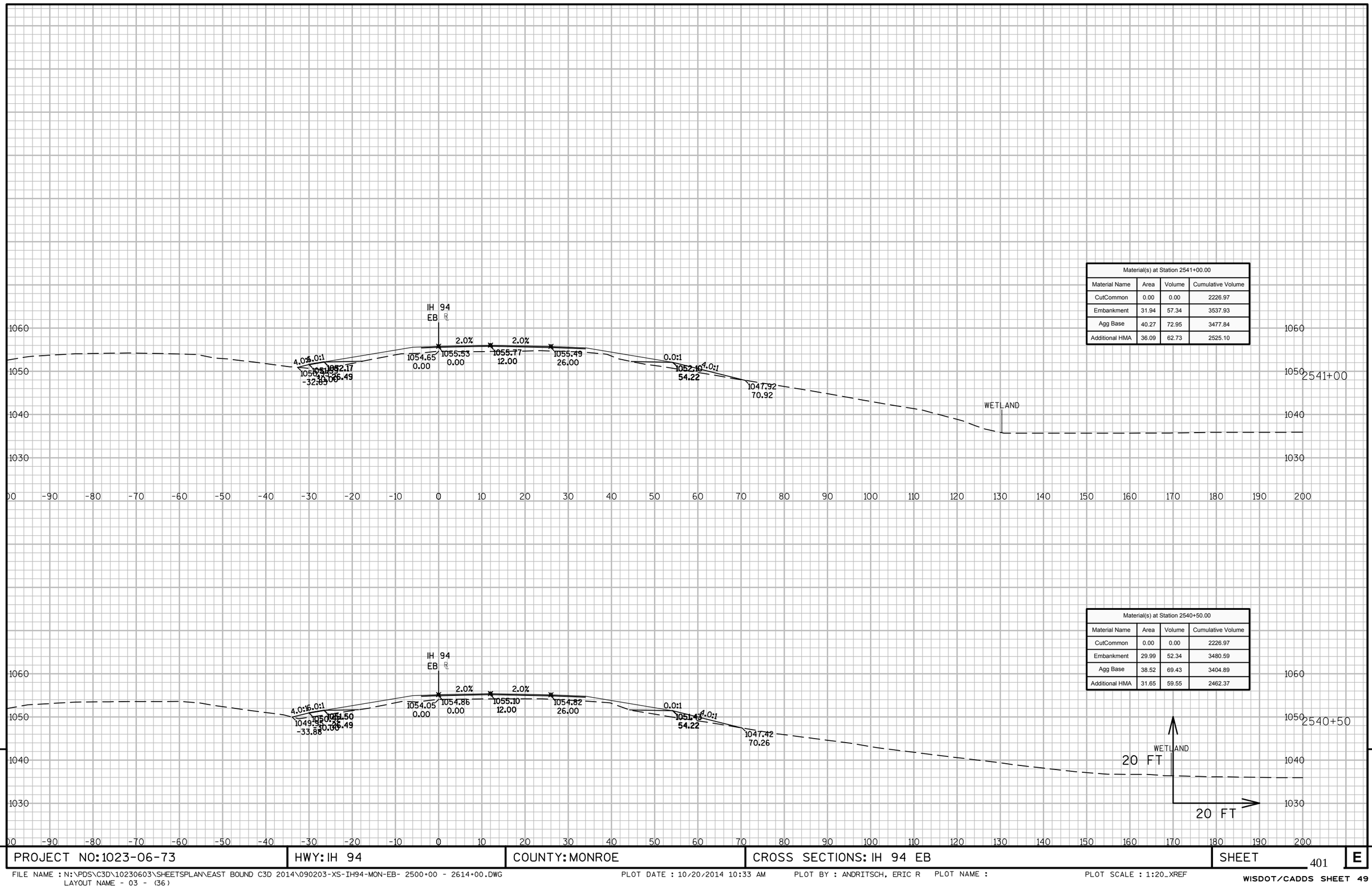
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 400	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (35)

PLOT DATE : 10/20/2014 10:33 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2541+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2226.97
Embankment	31.94	57.34	3537.93
Agg Base	40.27	72.95	3477.84
Additional HMA	36.09	62.73	2525.10

Material(s) at Station 2540+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2226.97
Embankment	29.99	52.34	3480.59
Agg Base	38.52	69.43	3404.89
Additional HMA	31.65	59.55	2462.37

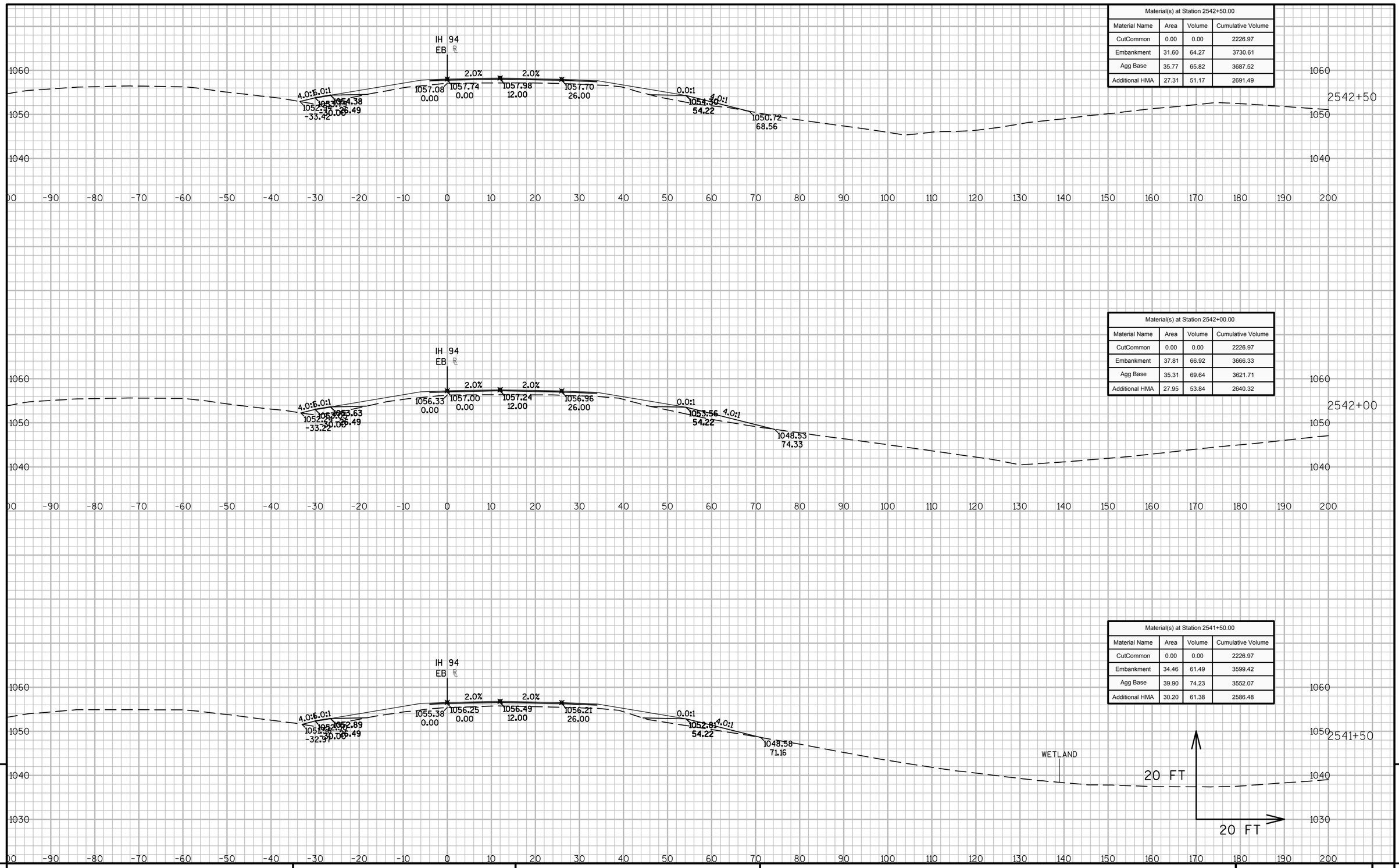
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 401	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (36)

PLOT DATE : 10/20/2014 10:33 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2542+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2226.97
Embankment	31.60	64.27	3730.61
Agg Base	35.77	65.82	3687.52
Additional HMA	27.31	51.17	2691.49

Material(s) at Station 2542+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2226.97
Embankment	37.81	66.92	3666.33
Agg Base	35.31	69.64	3621.71
Additional HMA	27.95	53.84	2640.32

Material(s) at Station 2541+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2226.97
Embankment	34.46	61.49	3599.42
Agg Base	39.90	74.23	3552.07
Additional HMA	30.20	61.38	2586.48

9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 402	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (37)

PLOT DATE : 10/20/2014 10:33 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

Material(s) at Station 2544+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2226.97
Embankment	16.82	38.87	3875.64
Agg Base	40.20	70.00	3882.58
Additional HMA	35.56	62.30	2858.93

Material(s) at Station 2543+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2226.97
Embankment	25.15	50.10	3836.77
Agg Base	35.40	62.36	3812.58
Additional HMA	31.73	54.61	2796.62

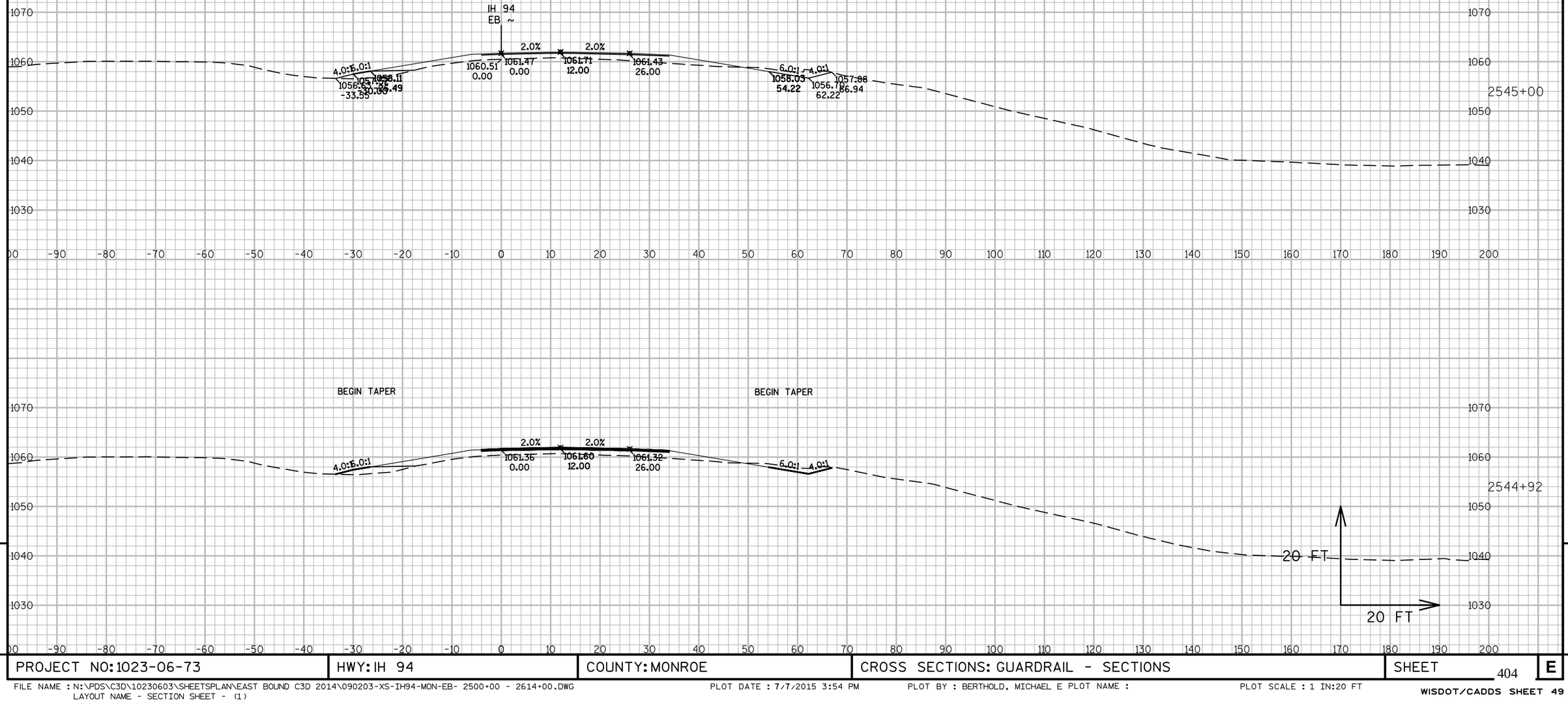
Material(s) at Station 2543+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2226.97
Embankment	28.95	56.07	3786.68
Agg Base	31.94	62.70	3750.22
Additional HMA	27.26	53.62	2742.01

9

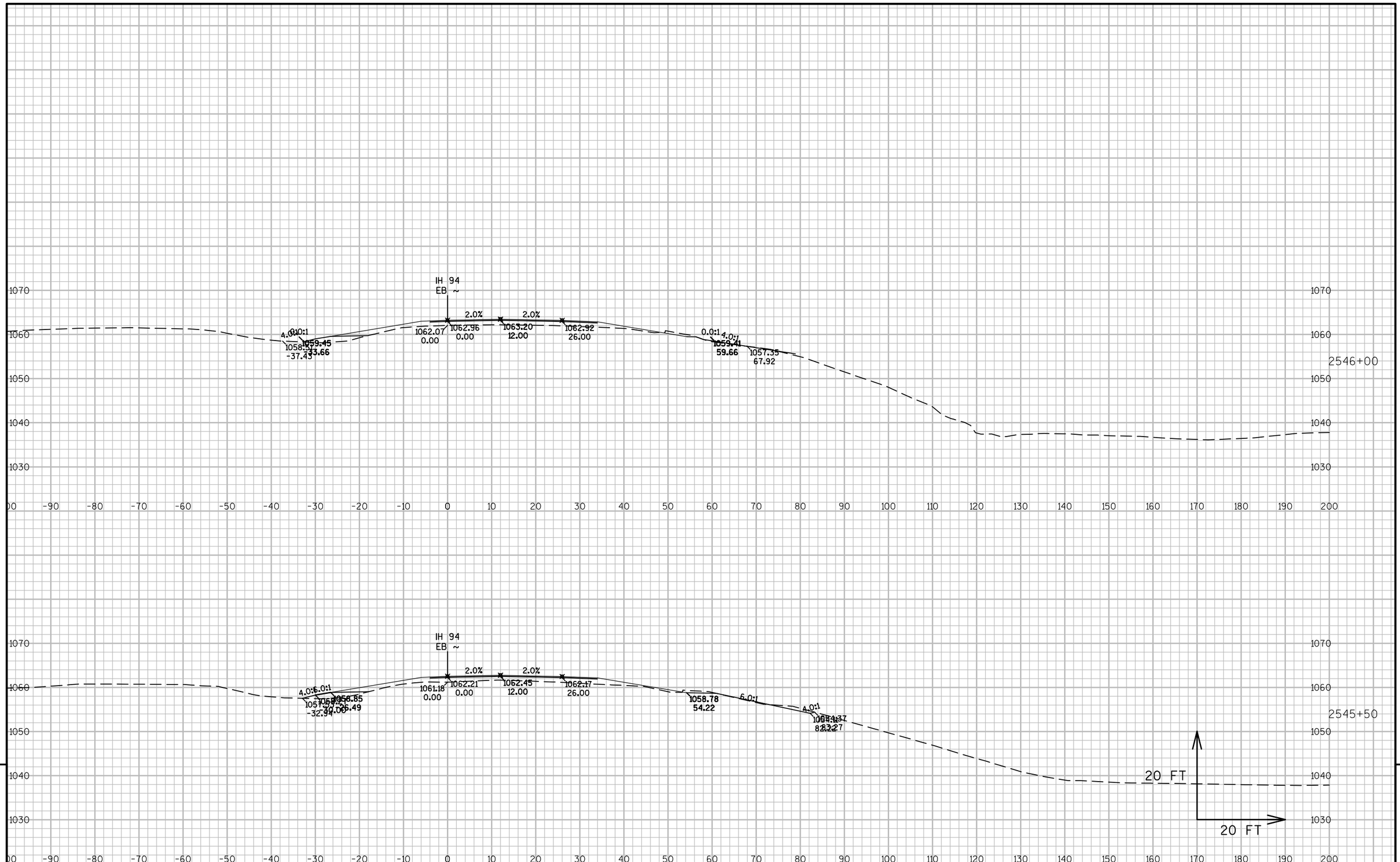
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 403	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (38)
PLOT DATE : 10/20/2014 10:33 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



9	PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: GUARDRAIL - SECTIONS	SHEET 404 E



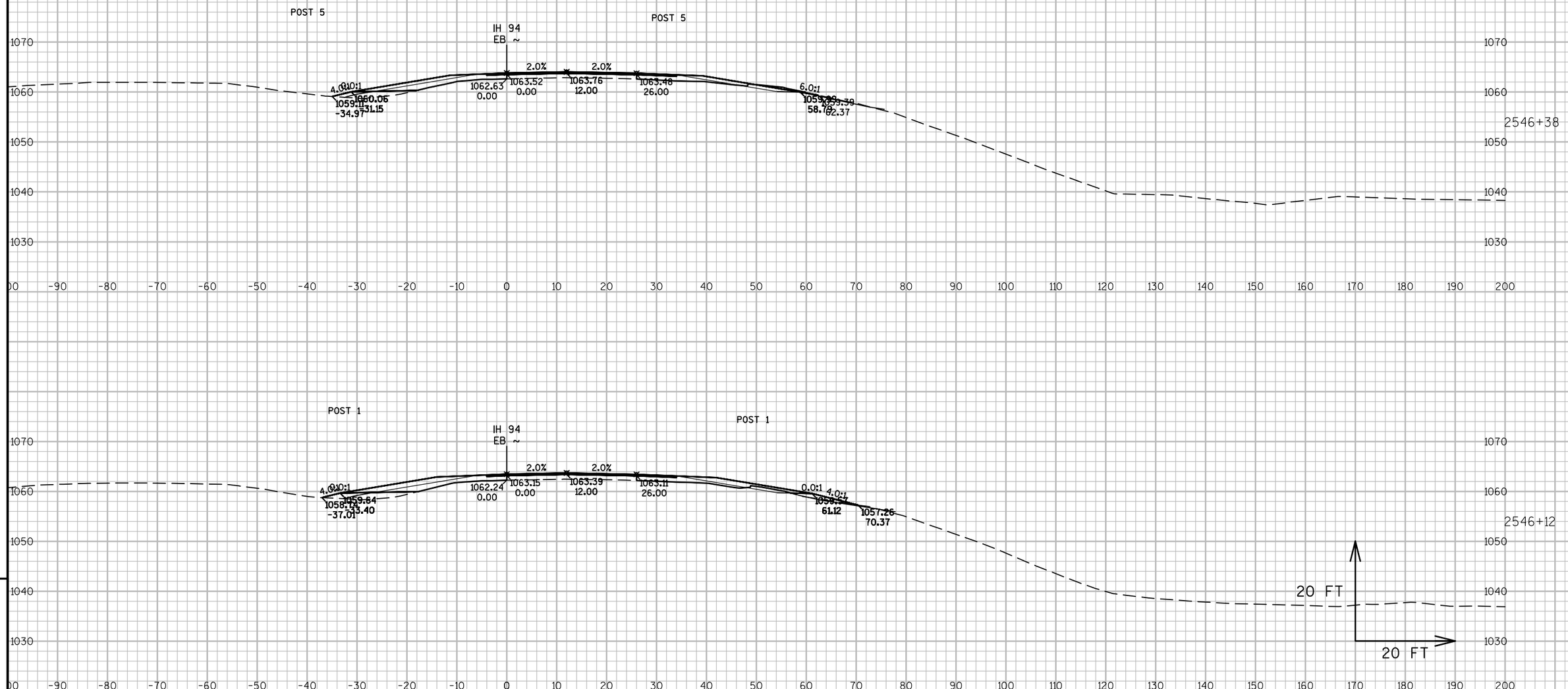
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: GUARDRAIL - SECTIONS	SHEET 405 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - SECTION SHEET - (2)

PLOT DATE : 7/7/2015 3:54 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:20 FT

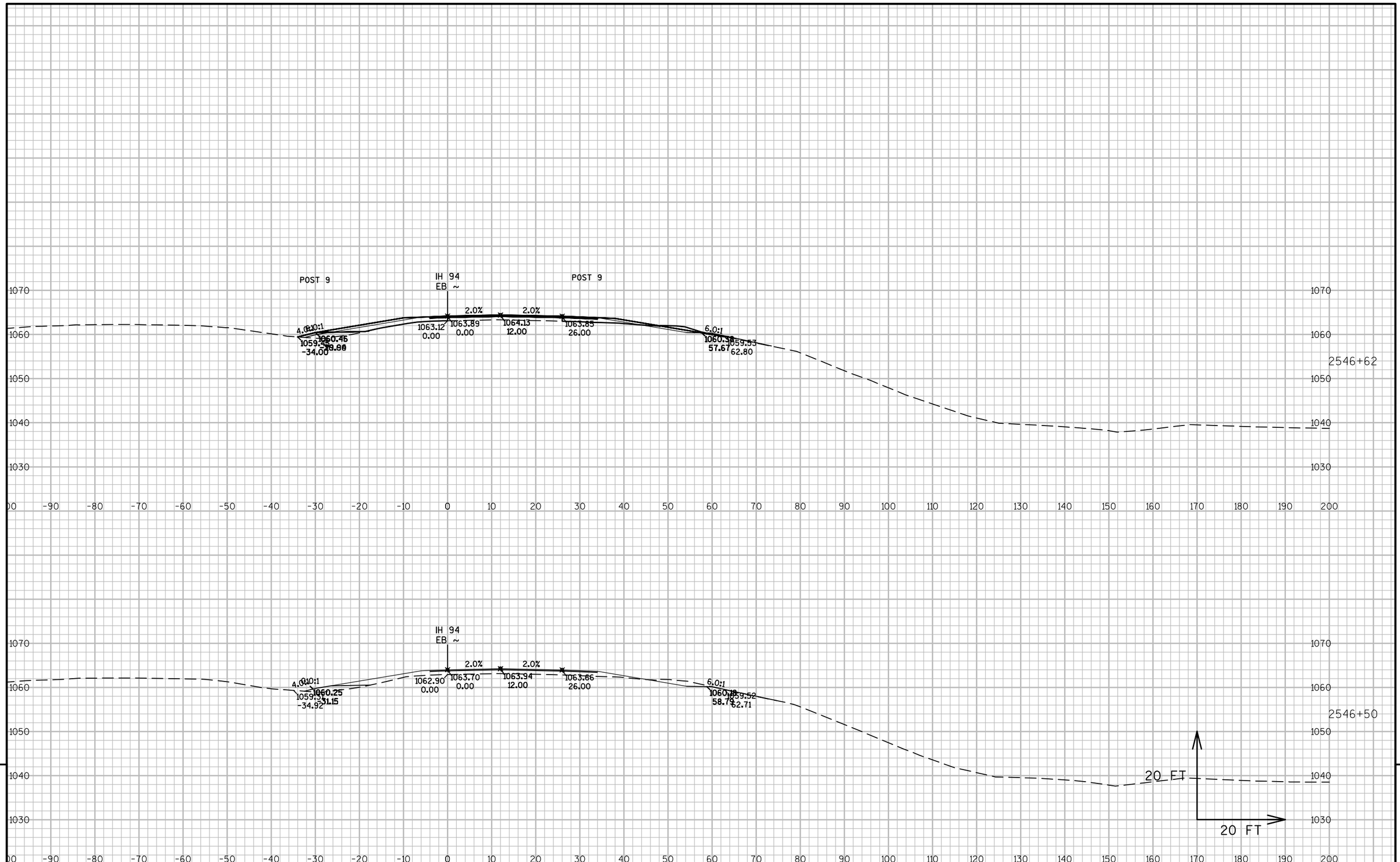


PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: GUARDRAIL - SECTIONS	SHEET 406 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - SECTION SHEET - (3)

PLOT DATE : 7/7/2015 3:54 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:20 FT

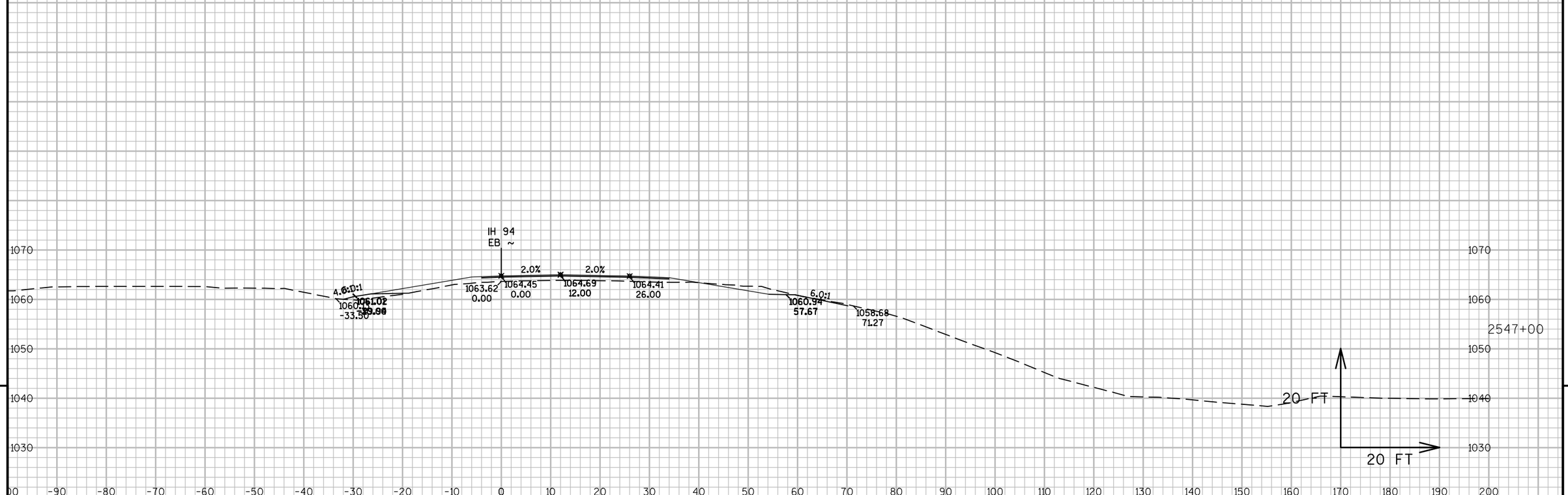
WISDOT/CADDS SHEET 49



PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: GUARDRAIL - SECTIONS	SHEET 407	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - SECTION SHEET - (4)

PLOT DATE : 7/7/2015 3:54 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:20 FT

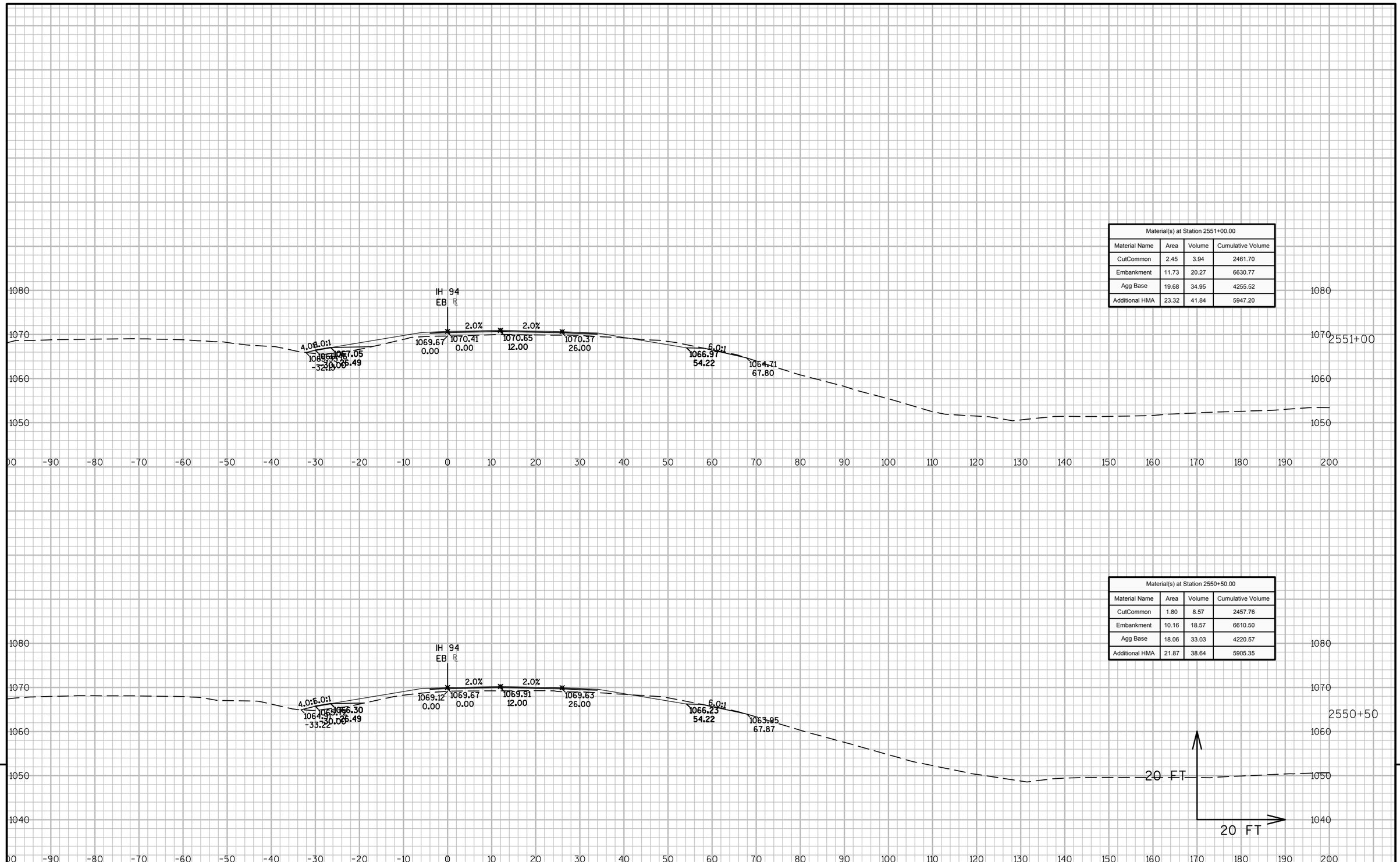


9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: GUARDRAIL - SECTIONS	SHEET 408	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - SECTION SHEET - (5)
PLOT DATE : 7/7/2015 3:54 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



Material(s) at Station 2551+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	2.45	3.94	2461.70
Embankment	11.73	20.27	6630.77
Agg Base	19.68	34.95	4255.52
Additional HMA	23.32	41.84	5947.20

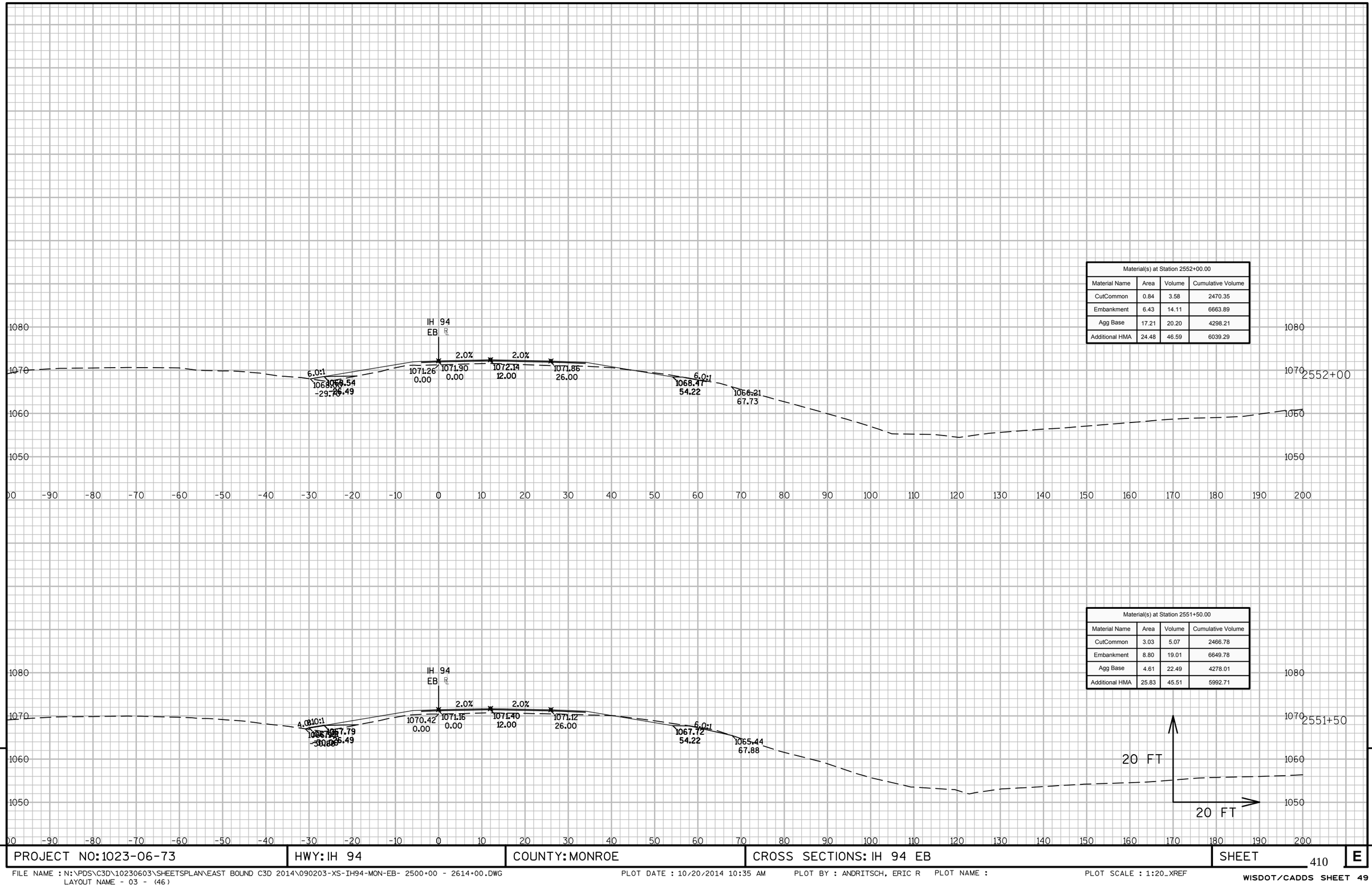
Material(s) at Station 2550+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	1.80	8.57	2457.76
Embankment	10.16	18.57	6610.50
Agg Base	18.06	33.03	4220.57
Additional HMA	21.87	38.64	5905.35

9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 409 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (45)
PLOT DATE : 10/20/2014 10:34 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2552+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.84	3.58	2470.35
Embankment	6.43	14.11	6663.89
Agg Base	17.21	20.20	4298.21
Additional HMA	24.48	46.59	6039.29

Material(s) at Station 2551+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	3.03	5.07	2466.78
Embankment	8.80	19.01	6649.78
Agg Base	4.61	22.49	4278.01
Additional HMA	25.83	45.51	5992.71

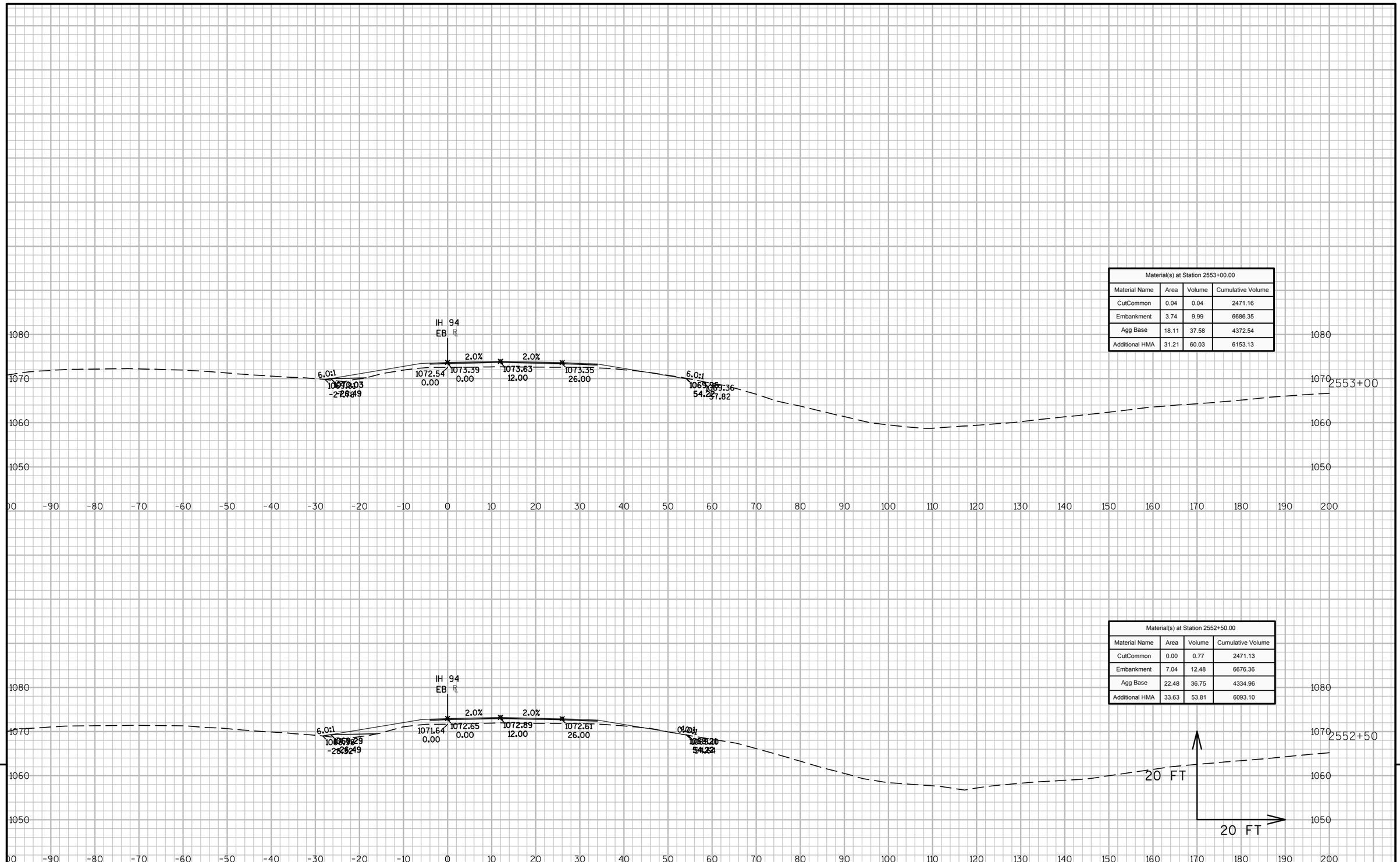
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 410	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (46)

PLOT DATE : 10/20/2014 10:35 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2553+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.04	0.04	2471.16
Embankment	3.74	9.99	6686.35
Agg Base	18.11	37.58	4372.54
Additional HMA	31.21	60.03	6153.13

Material(s) at Station 2552+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.77	2471.13
Embankment	7.04	12.48	6676.36
Agg Base	22.48	36.75	4334.96
Additional HMA	33.63	53.81	6093.10

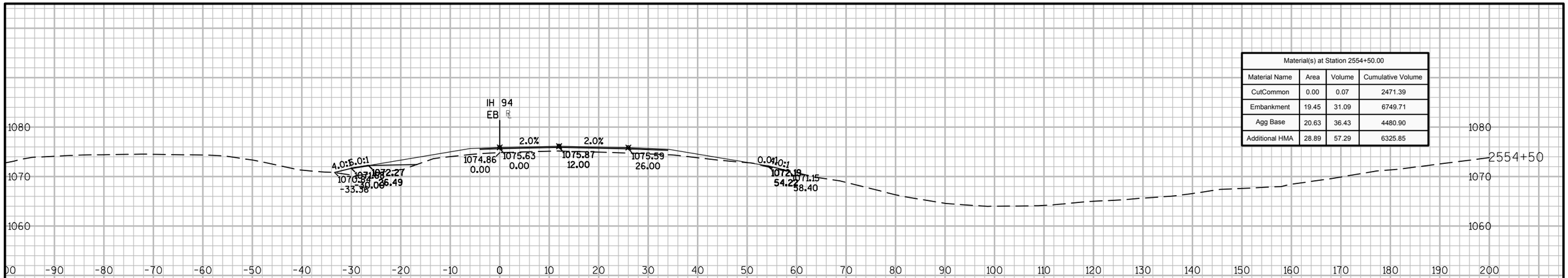
9

9

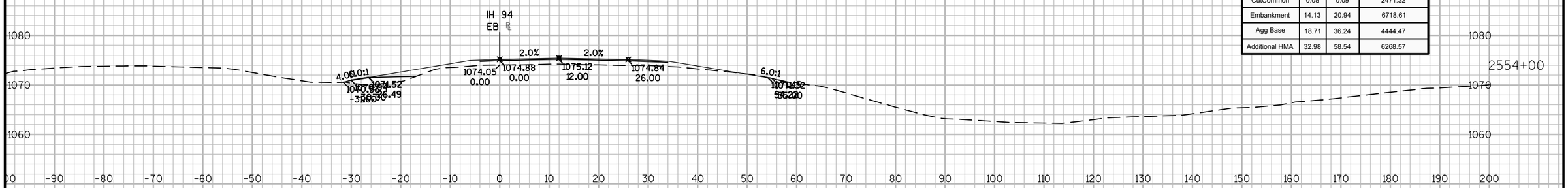
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 411	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (47)

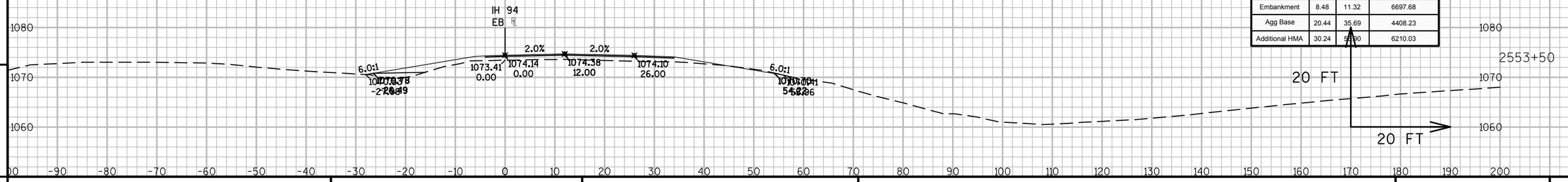
PLOT DATE : 10/20/2014 10:35 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2554+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.07	2471.39
Embankment	19.45	31.09	6749.71
Agg Base	20.63	36.43	4480.90
Additional HMA	28.89	57.29	6325.85



Material(s) at Station 2554+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.08	0.09	2471.32
Embankment	14.13	20.94	6718.61
Agg Base	18.71	36.24	4444.47
Additional HMA	32.98	58.54	6268.57

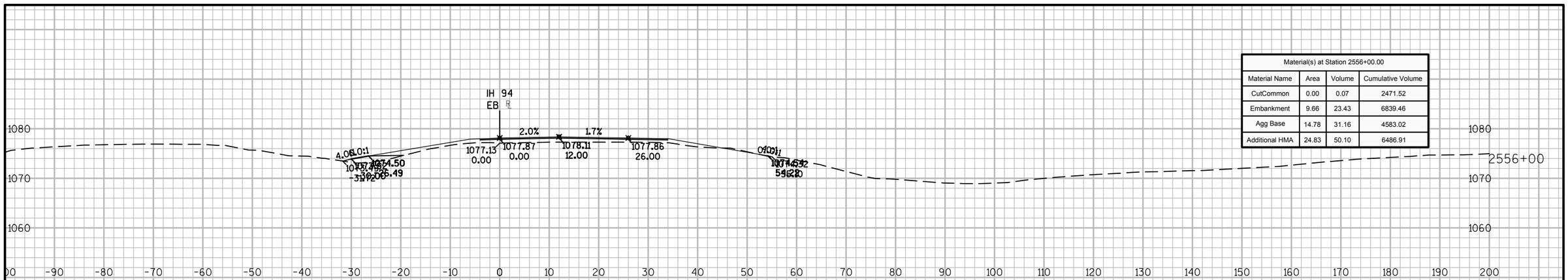


Material(s) at Station 2553+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.03	0.06	2471.23
Embankment	8.48	11.32	6697.68
Agg Base	20.44	35.69	4408.23
Additional HMA	30.24	58.90	6210.03

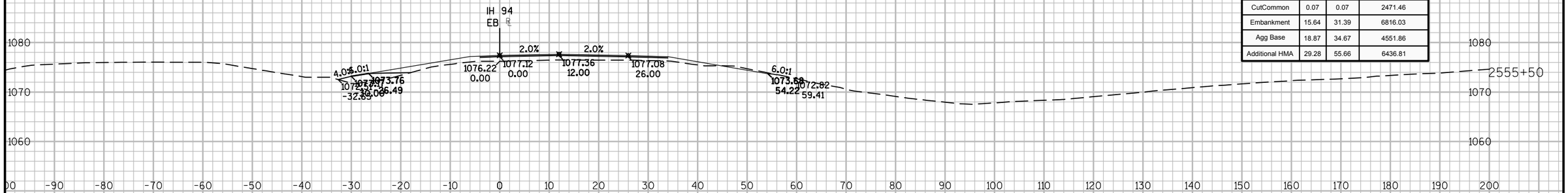
9 9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 412	E

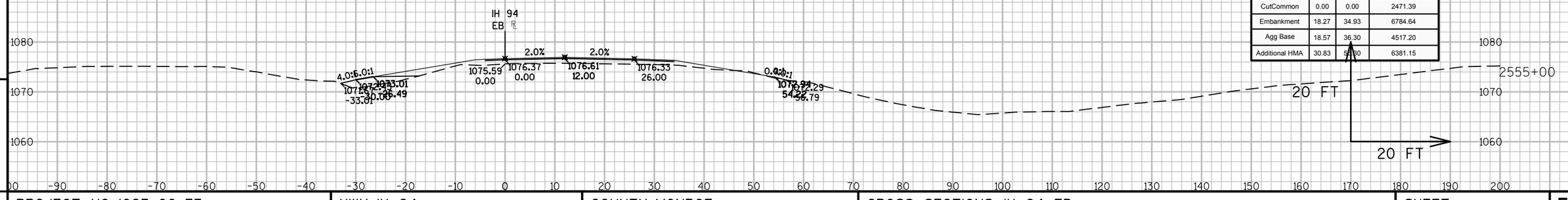
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (48)
PLOT DATE : 10/20/2014 10:35 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2556+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.07	2471.52
Embankment	9.66	23.43	6839.46
Agg Base	14.78	31.16	4583.02
Additional HMA	24.83	50.10	6486.91



Material(s) at Station 2555+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.07	0.07	2471.46
Embankment	15.64	31.39	6816.03
Agg Base	18.87	34.67	4551.86
Additional HMA	29.28	55.66	6436.81



Material(s) at Station 2555+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2471.39
Embankment	18.27	34.93	6784.64
Agg Base	18.57	36.30	4517.20
Additional HMA	30.83	58.80	6381.15

9

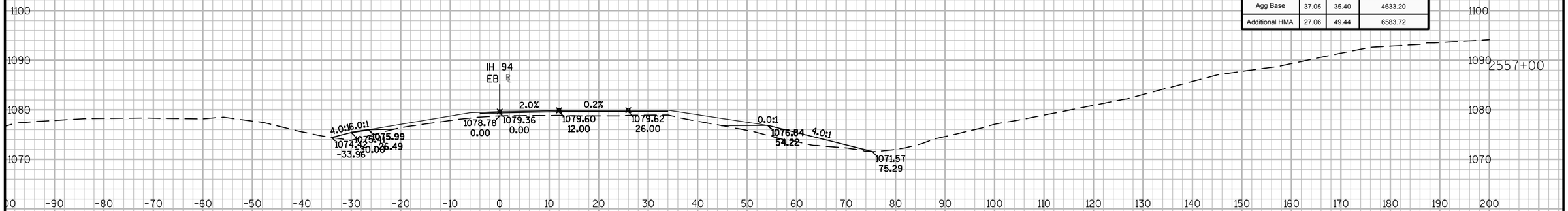
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 413	E

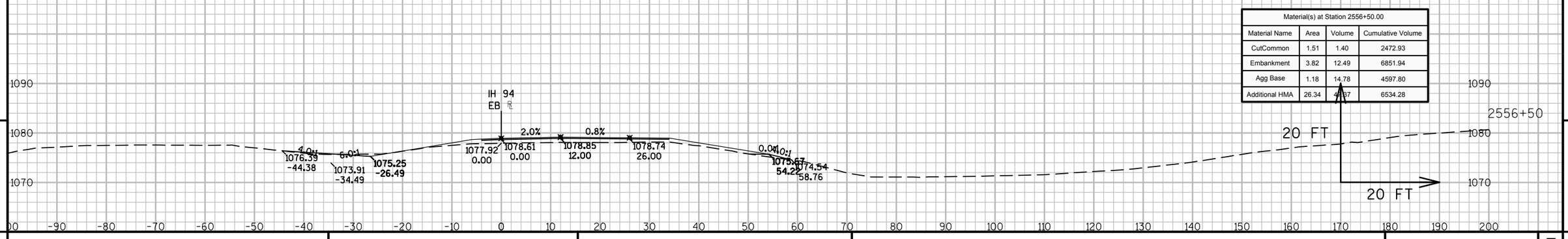
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (49)

PLOT DATE : 10/20/2014 10:35 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2557+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	1.40	2474.33
Embankment	47.01	47.06	6899.01
Agg Base	37.05	35.40	4633.20
Additional HMA	27.06	49.44	6583.72



Material(s) at Station 2556+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	1.51	1.40	2472.93
Embankment	3.82	12.49	6851.94
Agg Base	1.18	14.78	4597.80
Additional HMA	26.34	49.87	6534.28



9

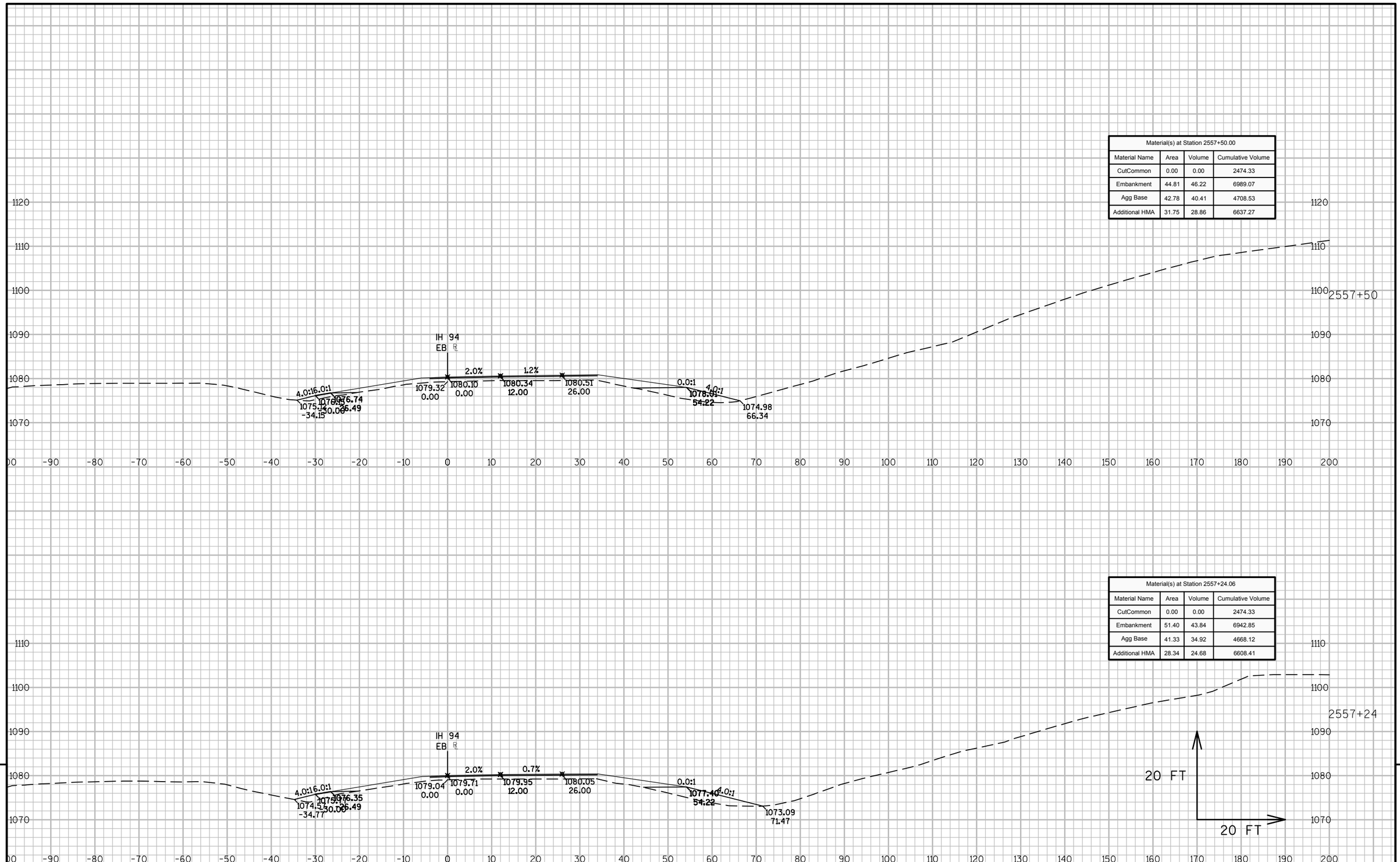
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 414	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (50)

PLOT DATE : 10/20/2014 10:35 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2557+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	44.81	46.22	6989.07
Agg Base	42.78	40.41	4708.53
Additional HMA	31.75	28.86	6637.27



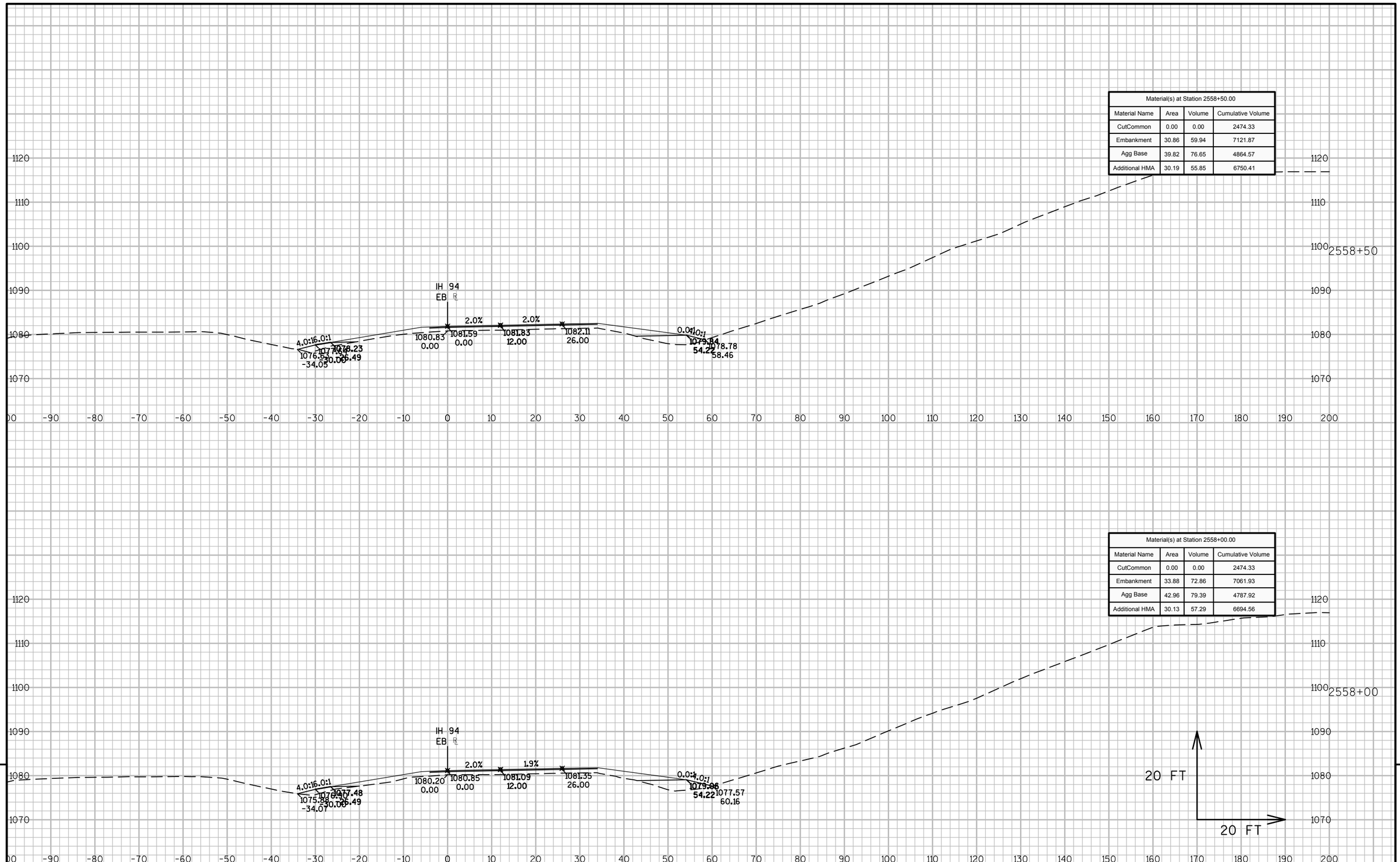
Material(s) at Station 2557+24.06			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	51.40	43.84	6942.85
Agg Base	41.33	34.92	4668.12
Additional HMA	28.34	24.68	6608.41

9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 415	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (51)
PLOT DATE : 10/20/2014 10:35 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



9

9

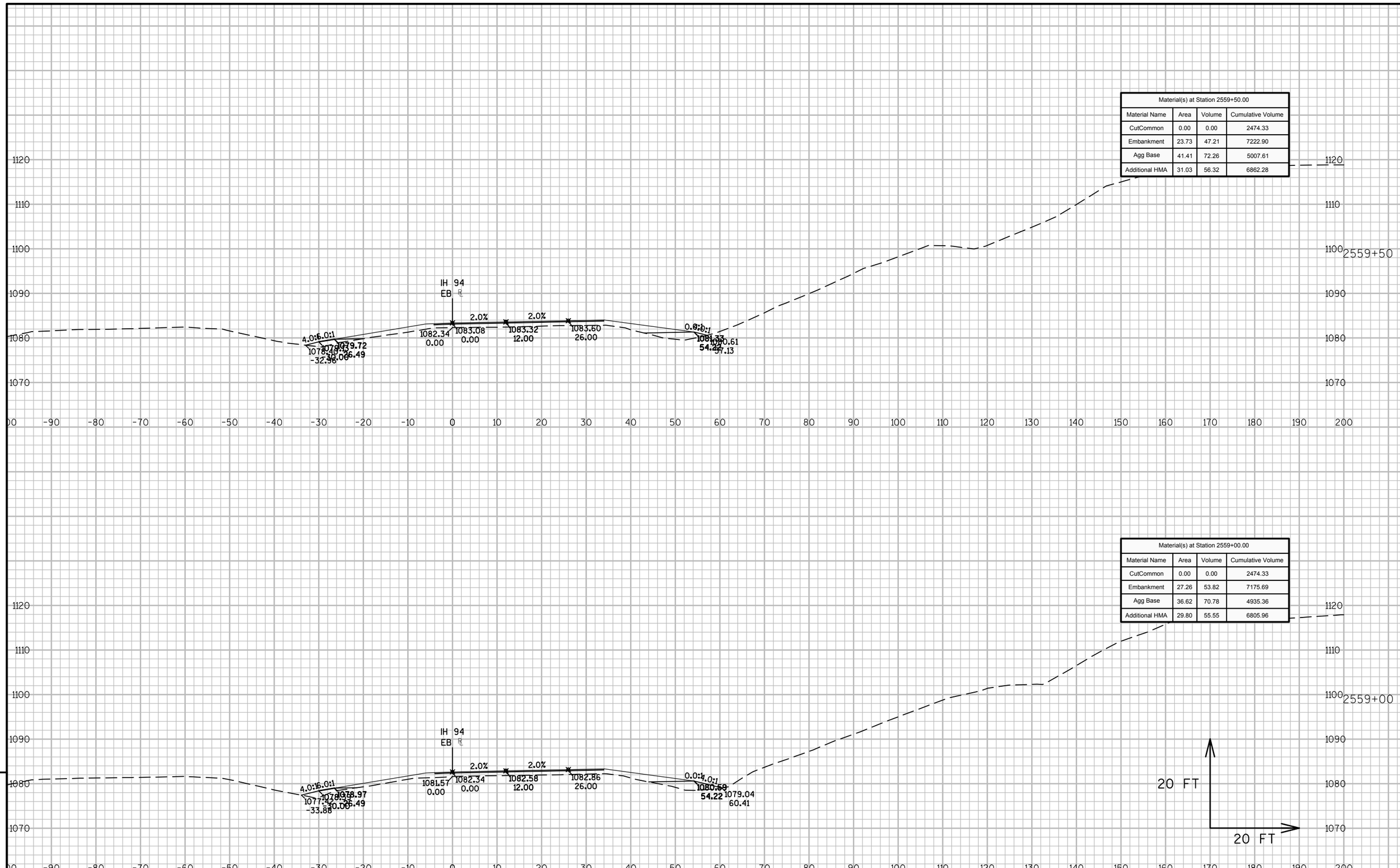
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 416	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (52)

PLOT DATE : 10/20/2014 10:35 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

Material(s) at Station 2559+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	23.73	47.21	7222.90
Agg Base	41.41	72.26	5007.61
Additional HMA	31.03	56.32	6862.28



Material(s) at Station 2559+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	27.26	53.82	7175.69
Agg Base	36.62	70.78	4935.36
Additional HMA	29.80	55.55	6805.96

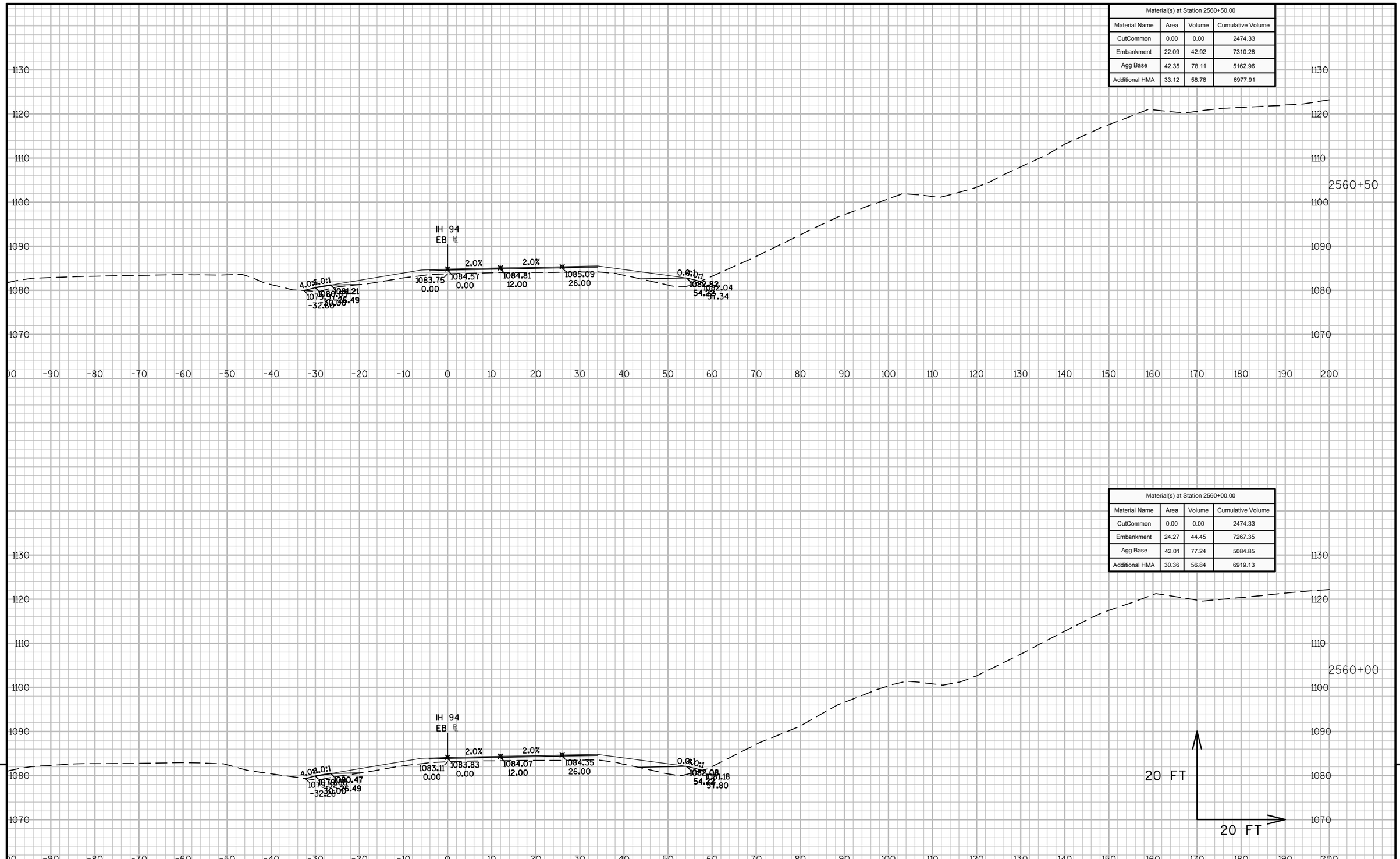
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 417	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (53)
PLOT DATE : 10/20/2014 10:36 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49

Material(s) at Station 2560+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	22.09	42.92	7310.28
Agg Base	42.35	78.11	5162.96
Additional HMA	33.12	58.78	6977.91

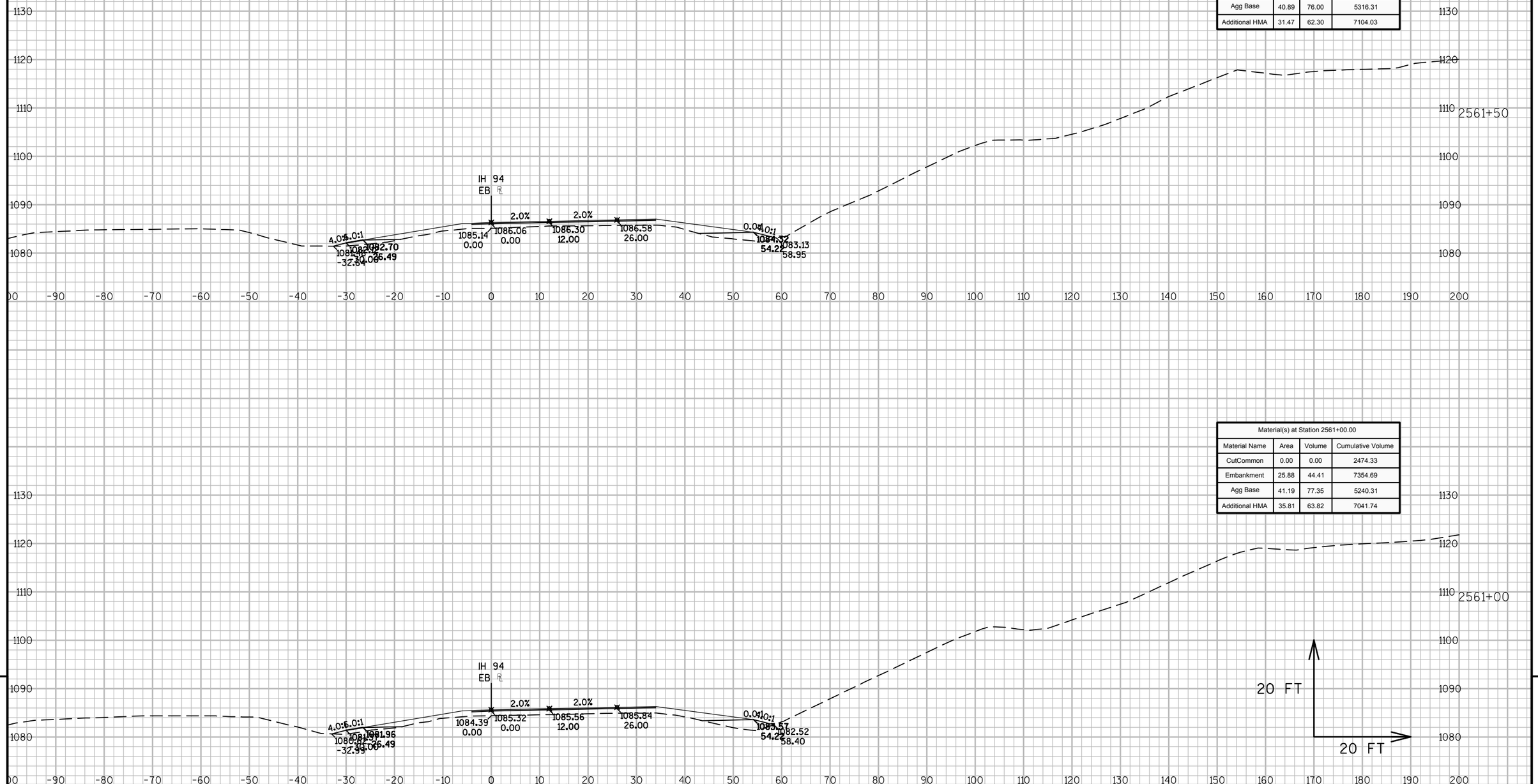


Material(s) at Station 2560+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	24.27	44.45	7267.35
Agg Base	42.01	77.24	5084.85
Additional HMA	30.36	56.84	6919.13

9 9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 418 E

Material(s) at Station 2561+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	25.36	47.44	7402.13
Agg Base	40.89	76.00	5316.31
Additional HMA	31.47	62.30	7104.03



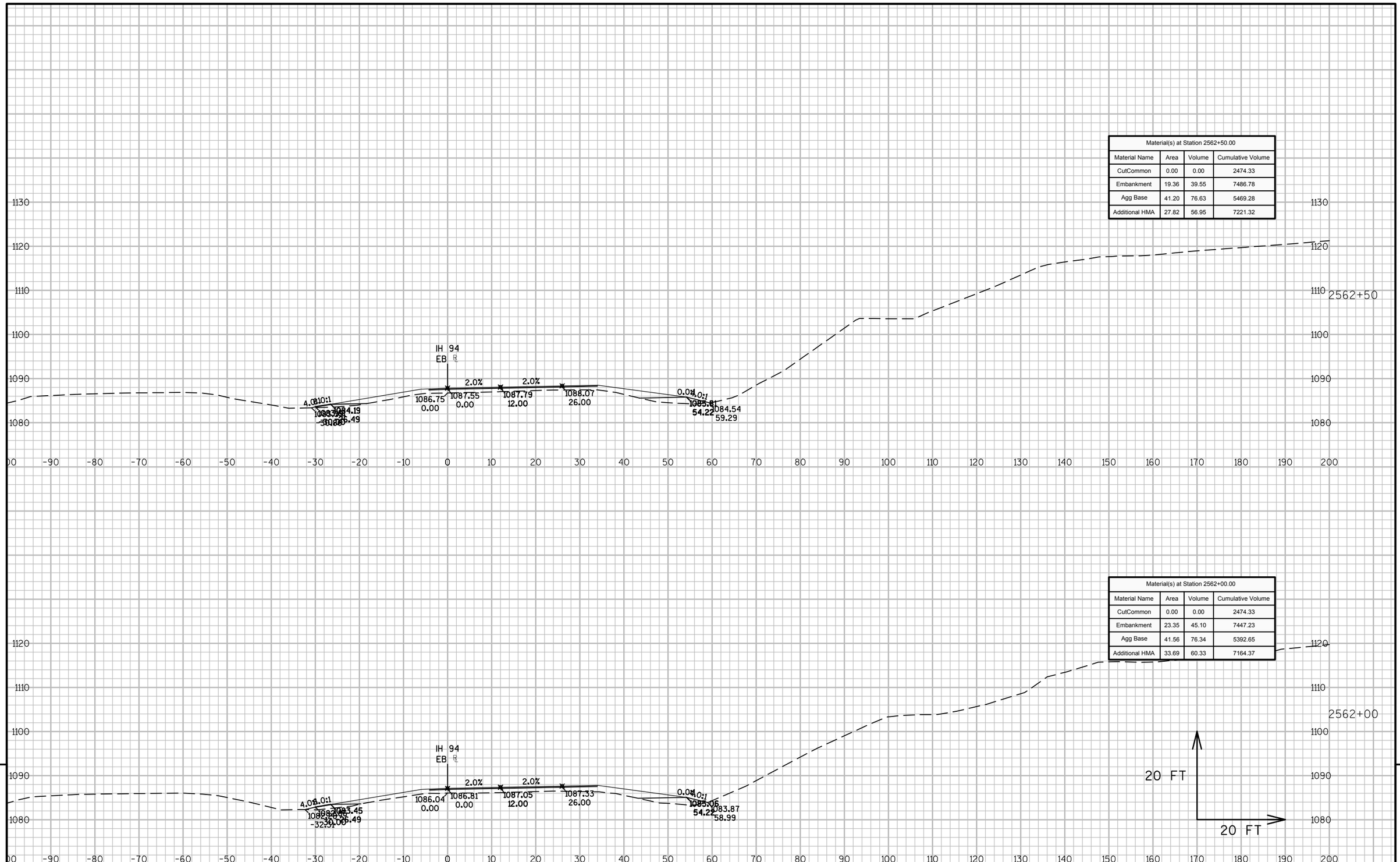
Material(s) at Station 2561+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	25.88	44.41	7354.69
Agg Base	41.19	77.35	5240.31
Additional HMA	35.81	63.82	7041.74

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 419	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (55)
PLOT DATE : 10/20/2014 10:36 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49

Material(s) at Station 2562+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	19.36	39.55	7486.78
Agg Base	41.20	76.63	5469.28
Additional HMA	27.82	56.95	7221.32



Material(s) at Station 2562+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	23.35	45.10	7447.23
Agg Base	41.56	76.34	5392.65
Additional HMA	33.69	60.33	7164.37

9

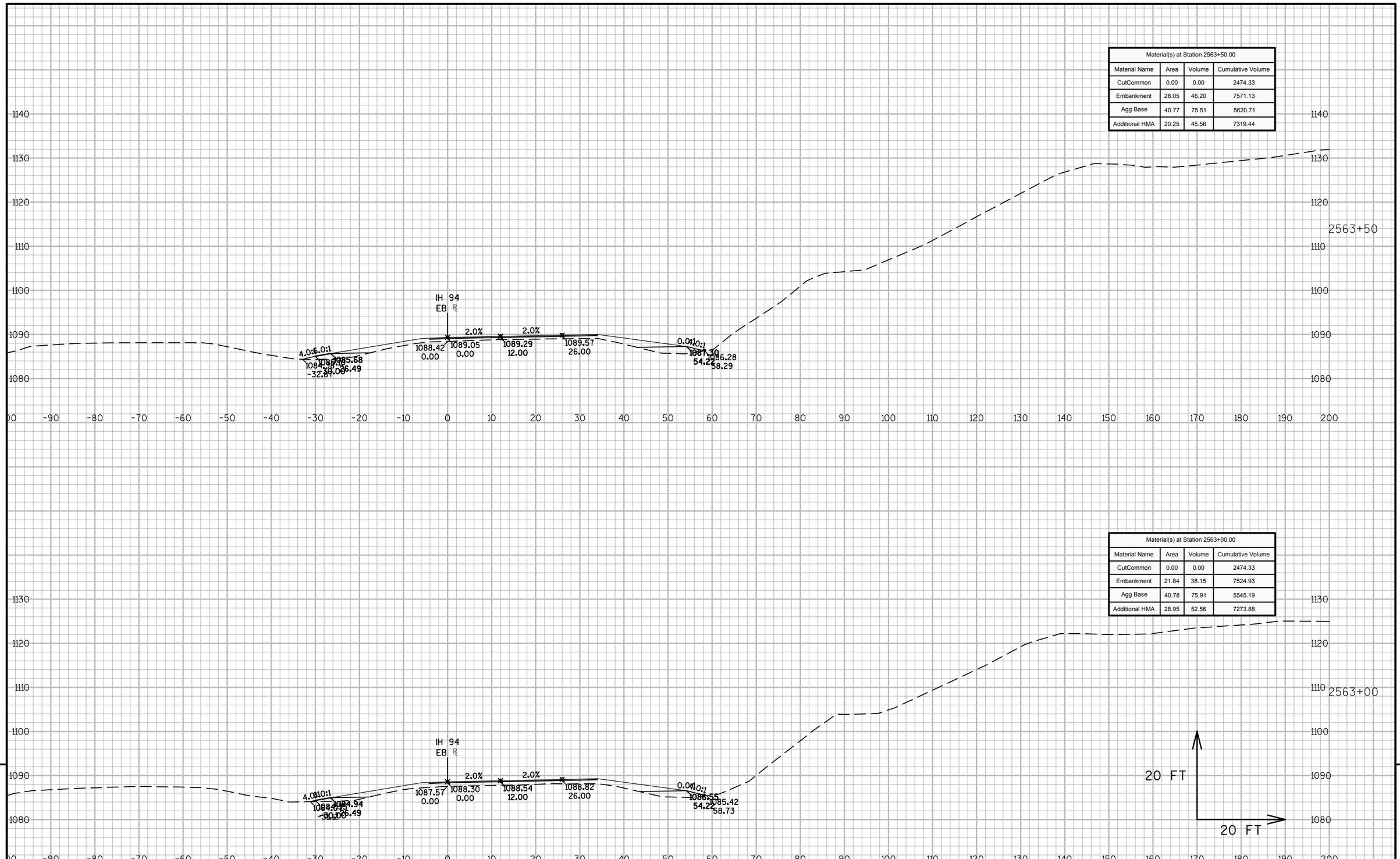
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 420	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (56)

PLOT DATE : 10/20/2014 10:36 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2563+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	28.05	46.20	7571.13
Agg Base	40.77	75.51	5620.71
Additional HMA	20.25	45.56	7319.44



Material(s) at Station 2563+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	21.84	38.15	7524.93
Agg Base	40.78	75.91	5545.19
Additional HMA	28.95	52.56	7273.88

9

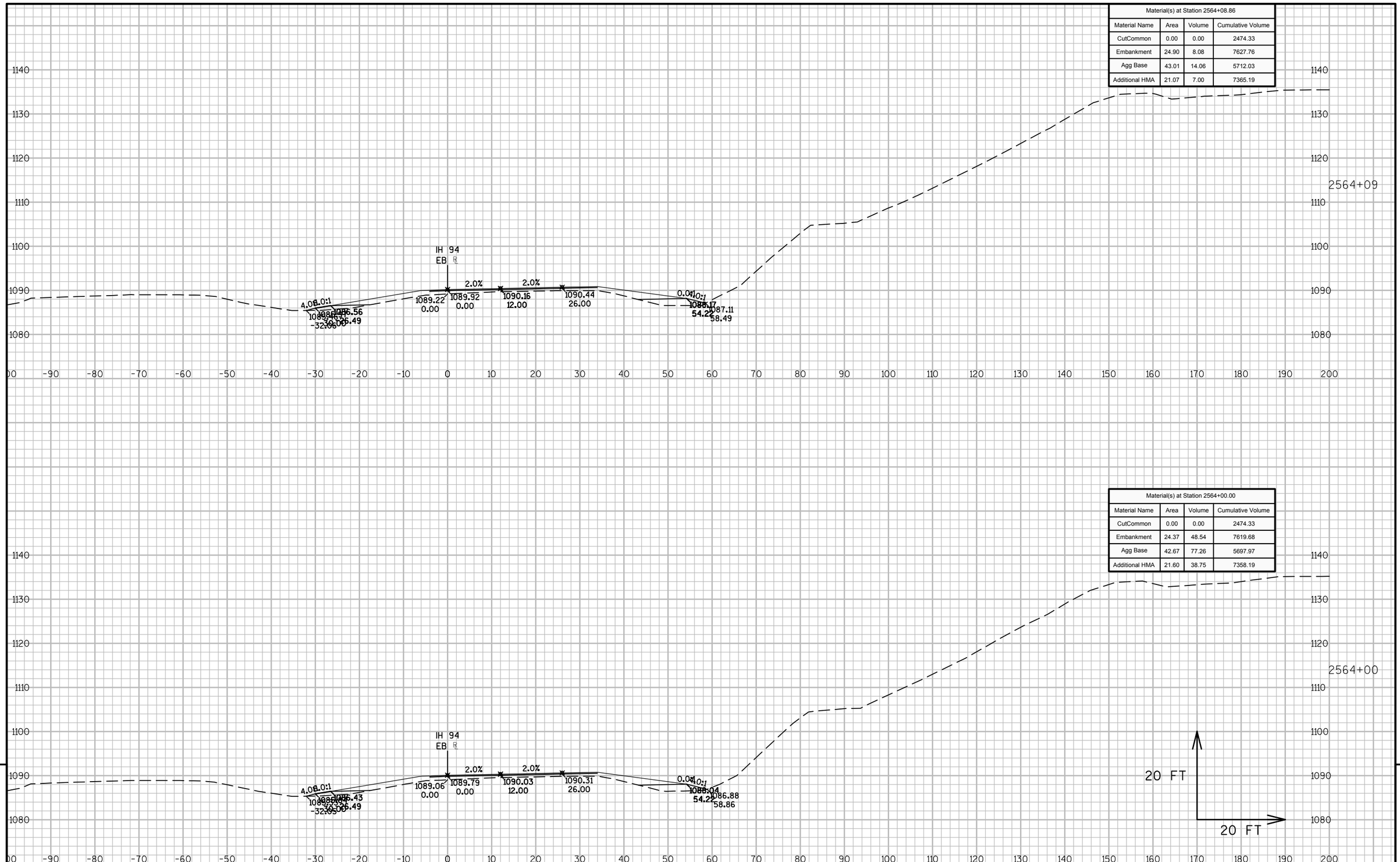
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 421	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (57)

PLOT DATE : 10/20/2014 10:36 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2564+08.86			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	24.90	8.08	7627.76
Agg Base	43.01	14.06	5712.03
Additional HMA	21.07	7.00	7365.19



Material(s) at Station 2564+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	24.37	48.54	7619.68
Agg Base	42.67	77.26	5697.97
Additional HMA	21.60	38.75	7358.19

9

9

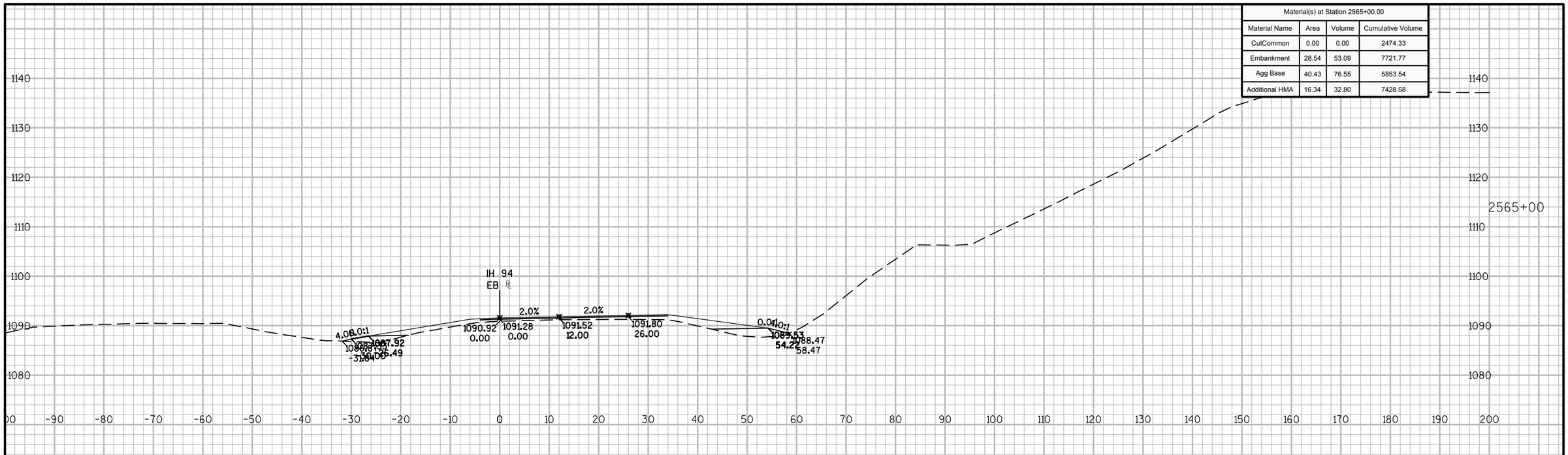
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 422	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (58)

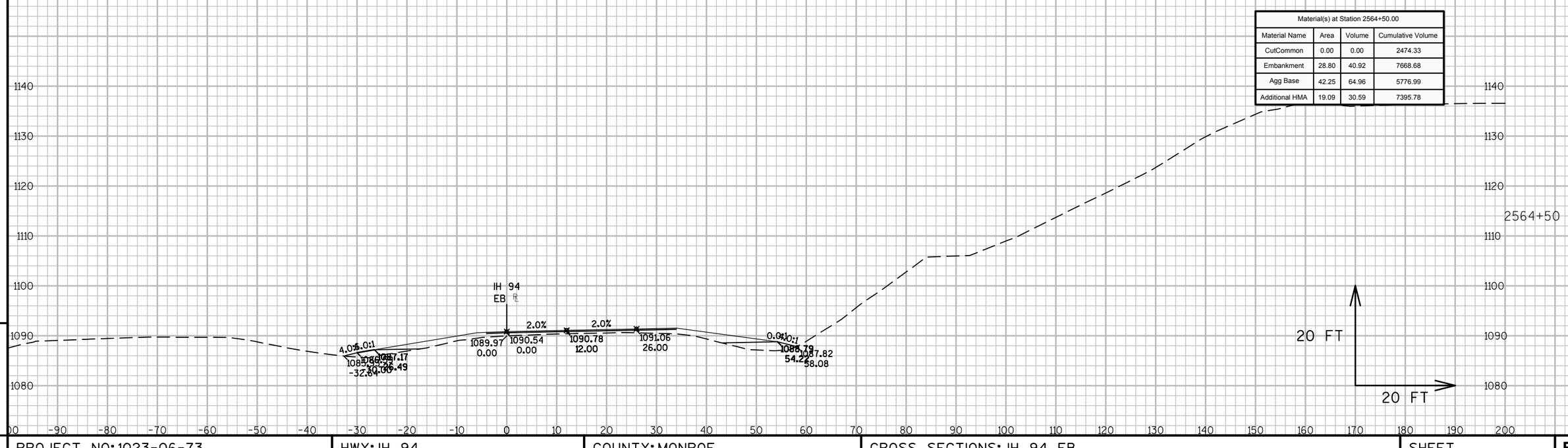
PLOT DATE : 10/20/2014 10:36 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

Material(s) at Station 2565+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	28.54	53.09	7721.77
Agg Base	40.43	76.55	5853.54
Additional HMA	16.34	32.80	7428.58



Material(s) at Station 2564+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	28.80	40.92	7668.68
Agg Base	42.25	64.96	5776.99
Additional HMA	19.09	30.59	7395.78

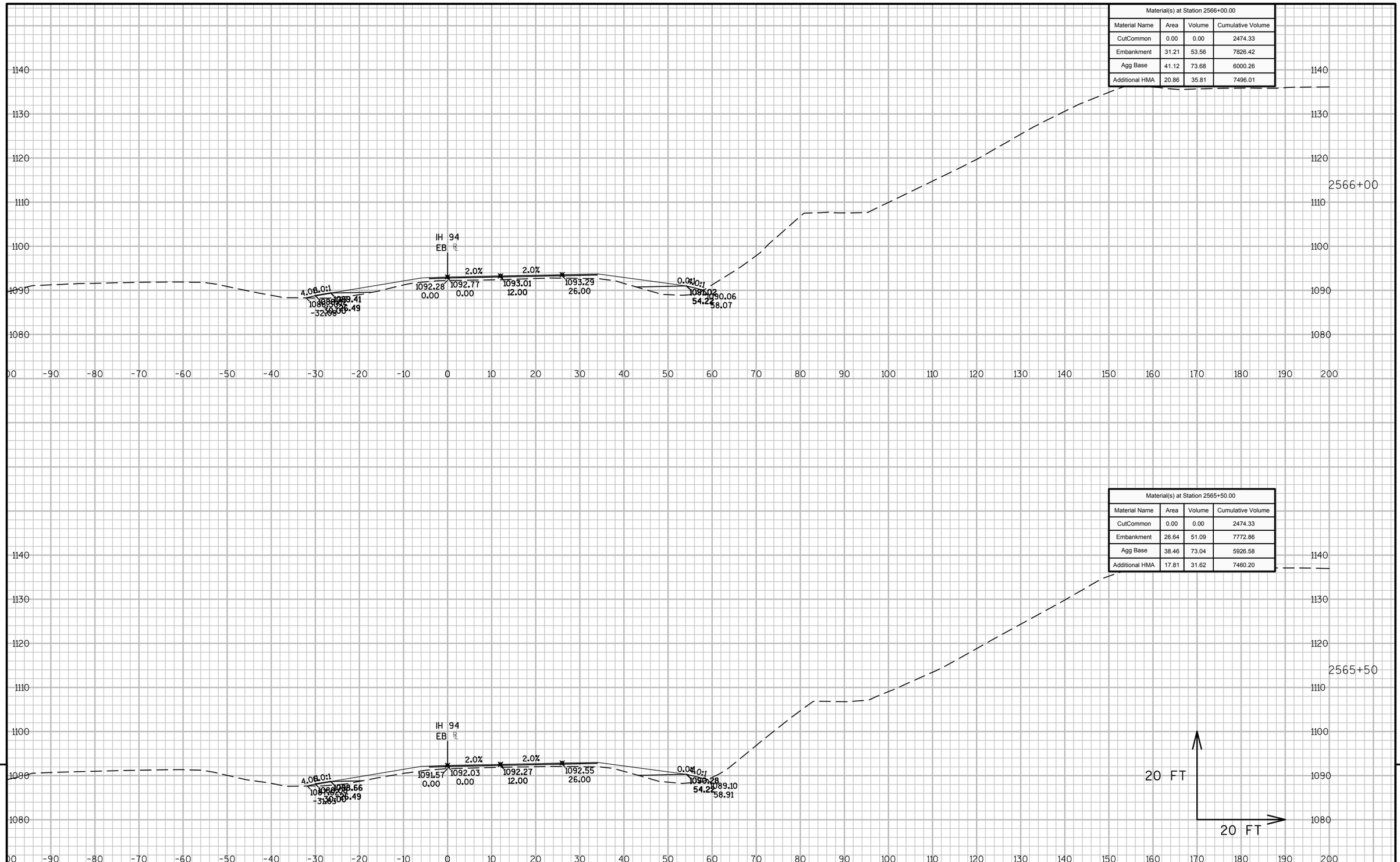


9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 423	E

Material(s) at Station 2566+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	31.21	53.56	7826.42
Agg Base	41.12	73.68	6000.26
Additional HMA	20.86	35.81	7496.01



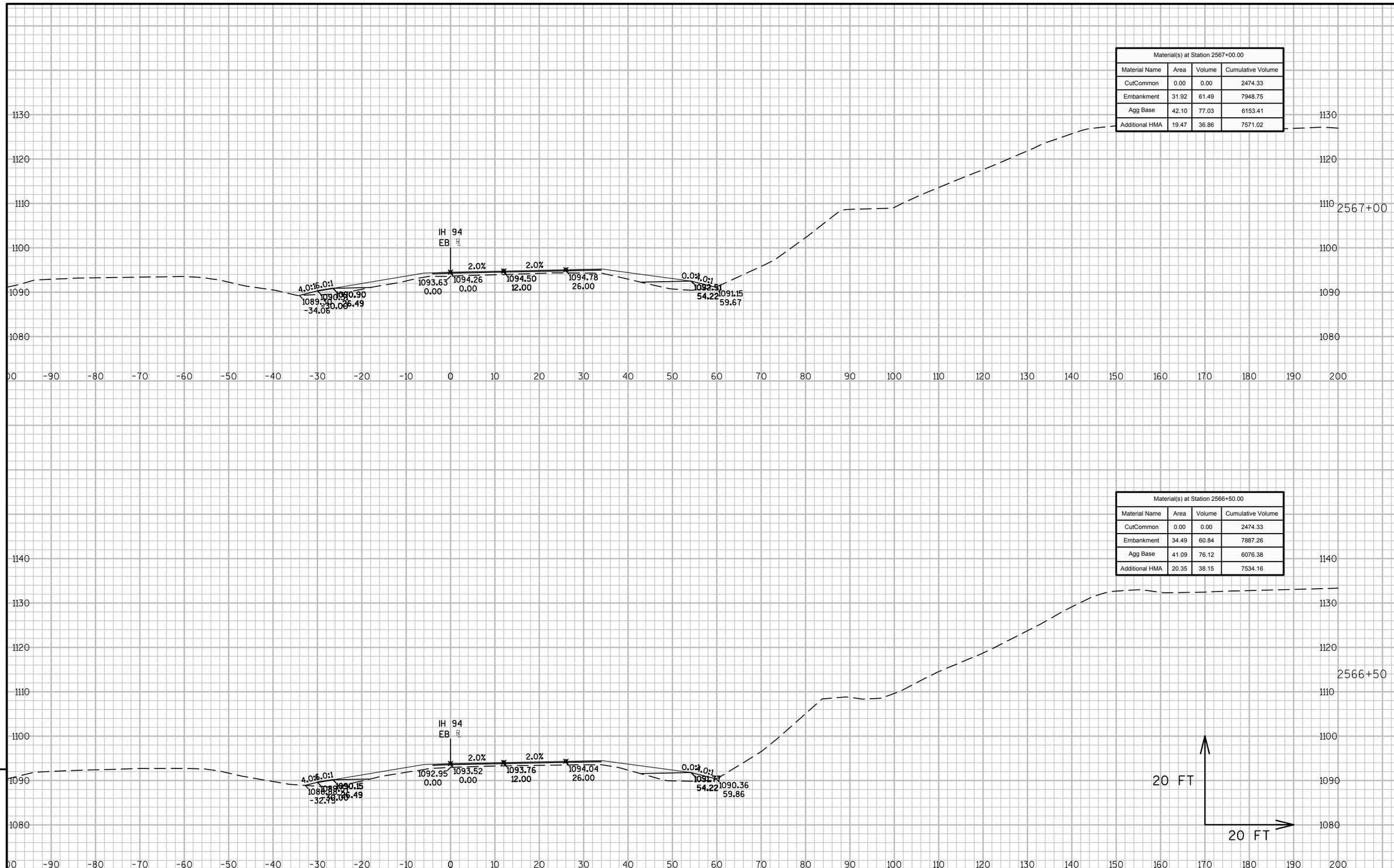
Material(s) at Station 2565+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	26.64	51.09	7772.86
Agg Base	38.46	73.04	5926.58
Additional HMA	17.81	31.62	7460.20

9 9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 424 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (60)
PLOT DATE : 10/20/2014 10:37 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49

Material(s) at Station 2567+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	31.92	61.49	7948.75
Agg Base	42.10	77.03	6153.41
Additional HMA	19.47	36.86	7571.02



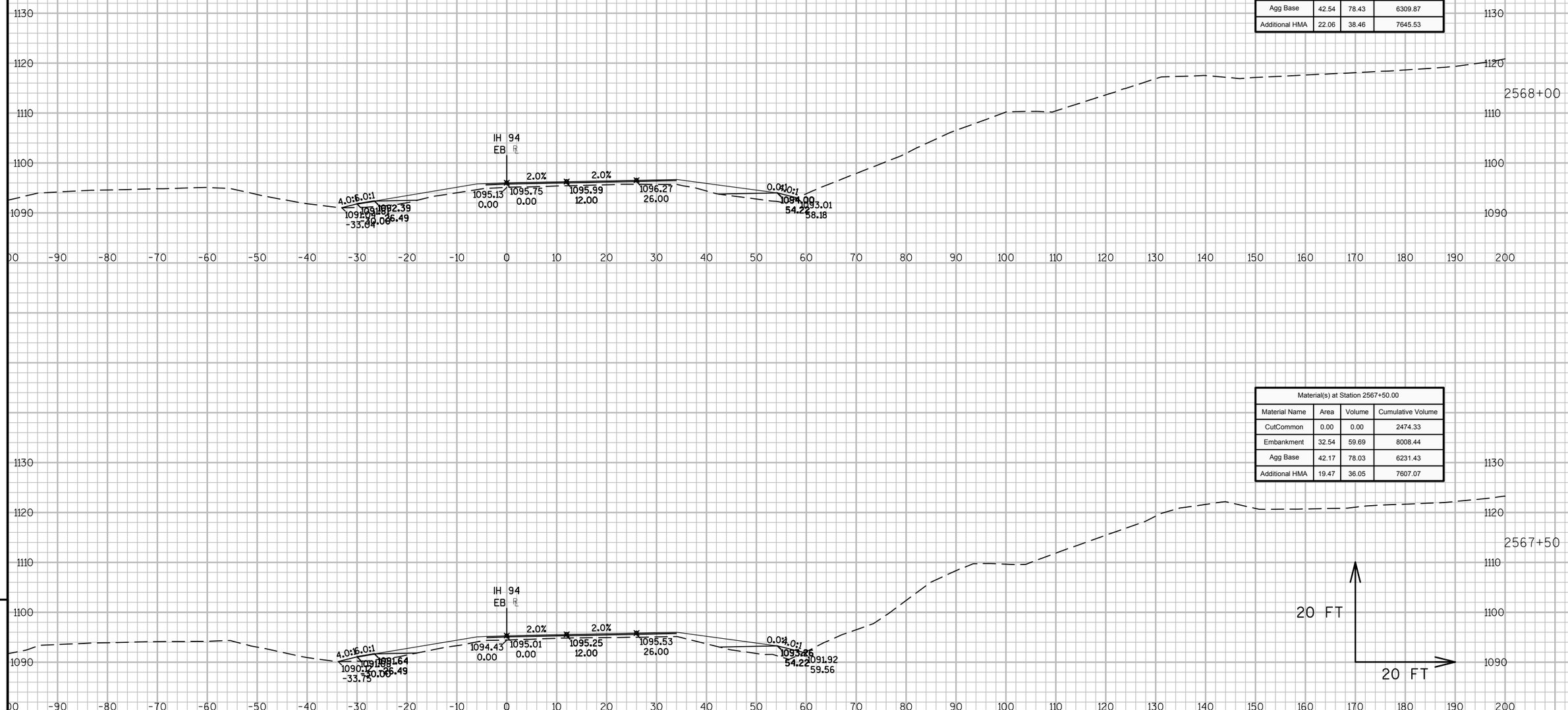
Material(s) at Station 2566+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	34.49	60.84	7887.26
Agg Base	41.09	76.12	6076.38
Additional HMA	20.35	38.15	7534.16

9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 425	E

Material(s) at Station 2568+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	25.46	53.70	8062.14
Agg Base	42.54	78.43	6309.87
Additional HMA	22.06	38.46	7645.53



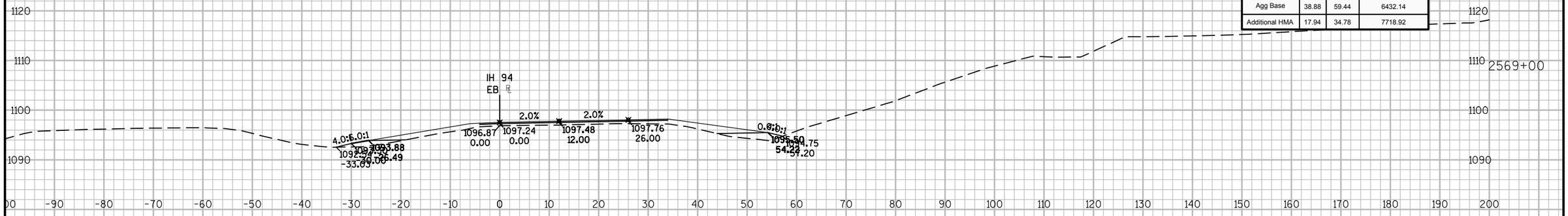
Material(s) at Station 2567+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	32.54	59.69	8008.44
Agg Base	42.17	78.03	6231.43
Additional HMA	19.47	36.05	7607.07

9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 426	E

Material(s) at Station 2569+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	21.15	39.32	8144.76
Agg Base	38.88	59.44	6432.14
Additional HMA	17.94	34.78	7718.92



Material(s) at Station 2568+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	21.31	43.30	8105.45
Agg Base	25.32	62.84	6372.70
Additional HMA	19.63	38.60	7684.13

9

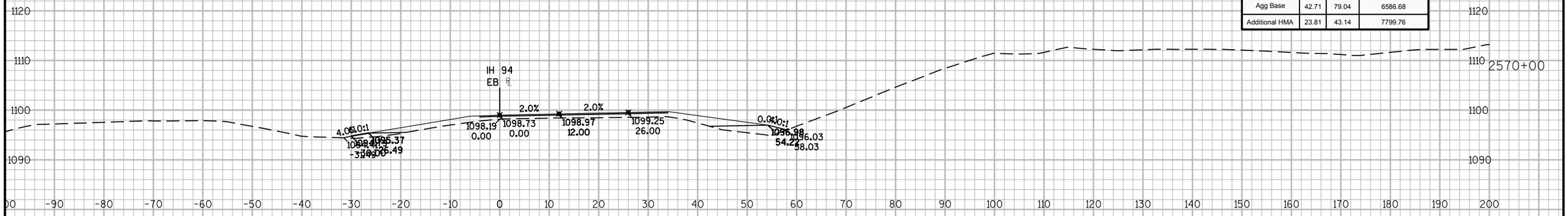
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 427	E

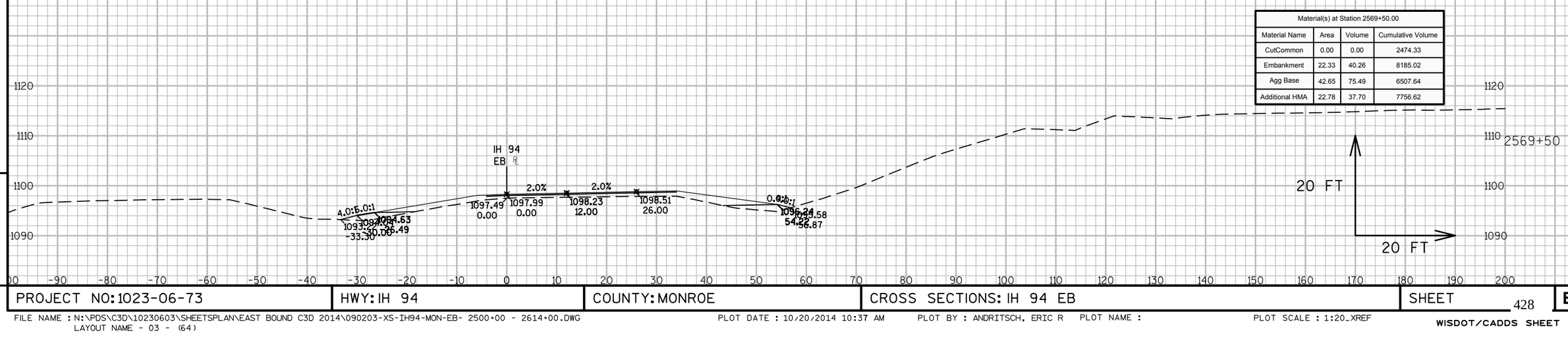
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (63)

PLOT DATE : 10/20/2014 10:37 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2570+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	24.75	43.59	8228.61
Agg Base	42.71	79.04	6586.68
Additional HMA	23.81	43.14	7799.76



Material(s) at Station 2569+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	22.33	40.26	8185.02
Agg Base	42.65	75.49	6507.64
Additional HMA	22.78	37.70	7756.62



9

9

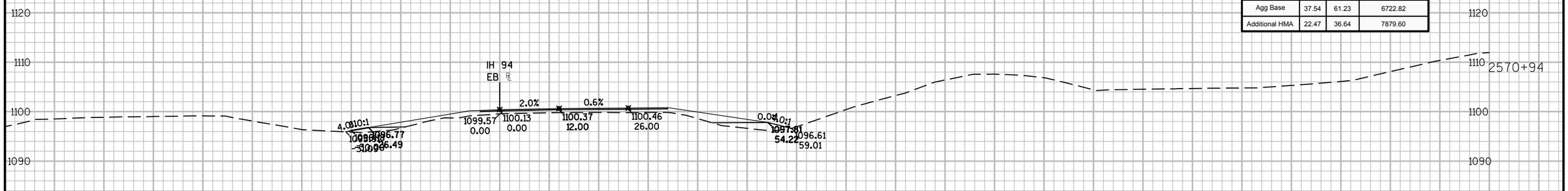
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 428	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (64)

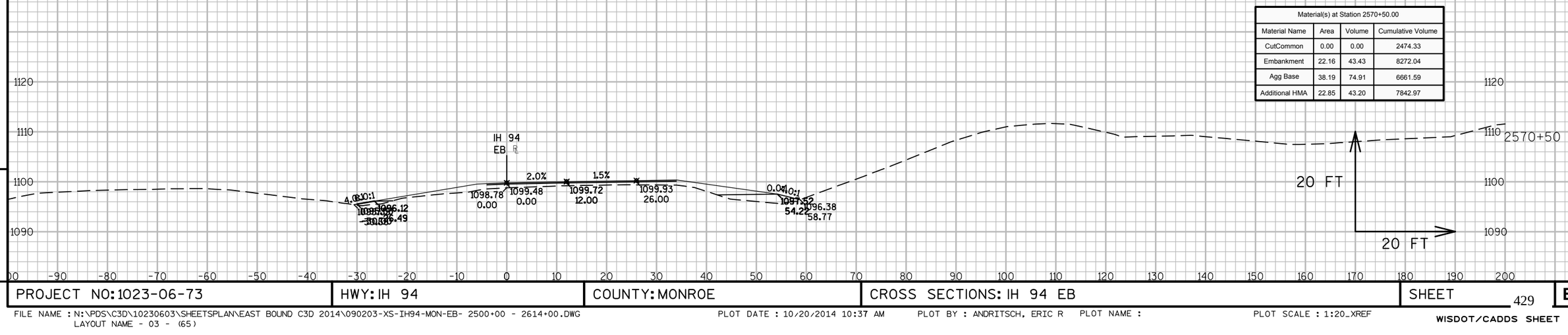
PLOT DATE : 10/20/2014 10:37 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

Material(s) at Station 2570+93.66			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	22.22	35.88	8307.92
Agg Base	37.54	61.23	6722.82
Additional HMA	22.47	36.64	7879.60



Material(s) at Station 2570+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	22.16	43.43	8272.04
Agg Base	38.19	74.91	6661.59
Additional HMA	22.85	43.20	7842.97



9

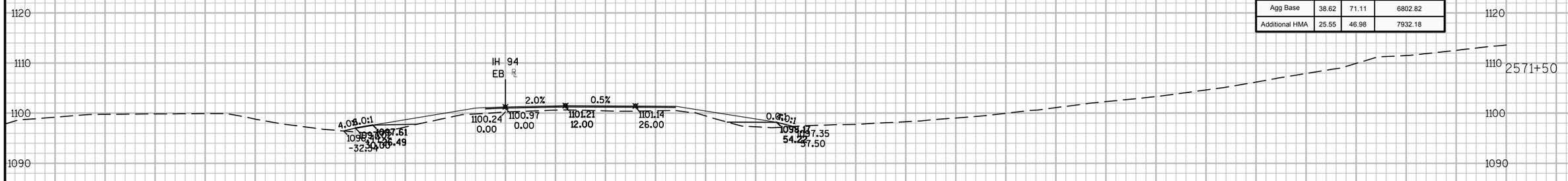
9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 429 | E

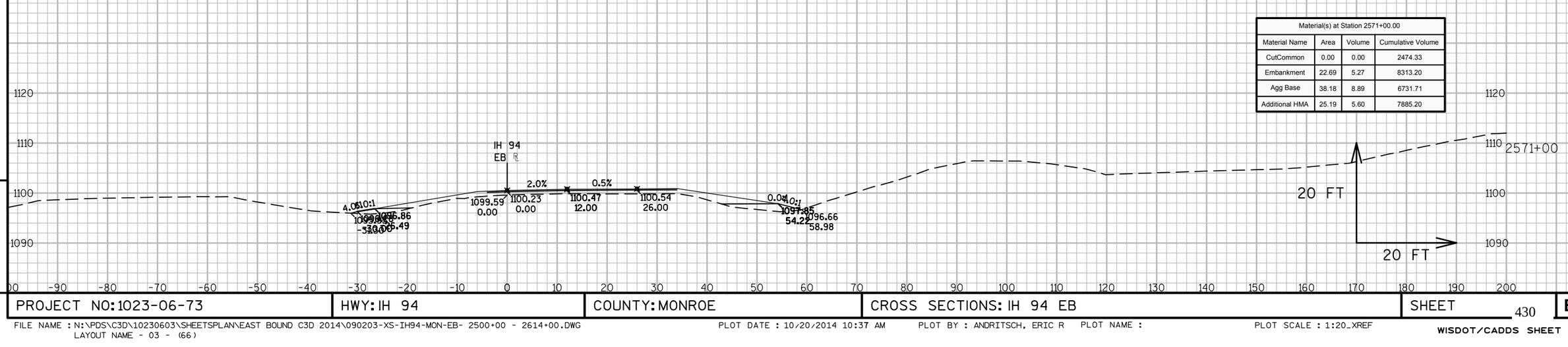
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (65)

PLOT DATE : 10/20/2014 10:37 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2571+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	22.03	41.40	8354.60
Agg Base	38.62	71.11	6802.82
Additional HMA	25.55	46.98	7932.18



Material(s) at Station 2571+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	22.69	5.27	8313.20
Agg Base	38.18	8.89	6731.71
Additional HMA	25.19	5.60	7885.20



9

9

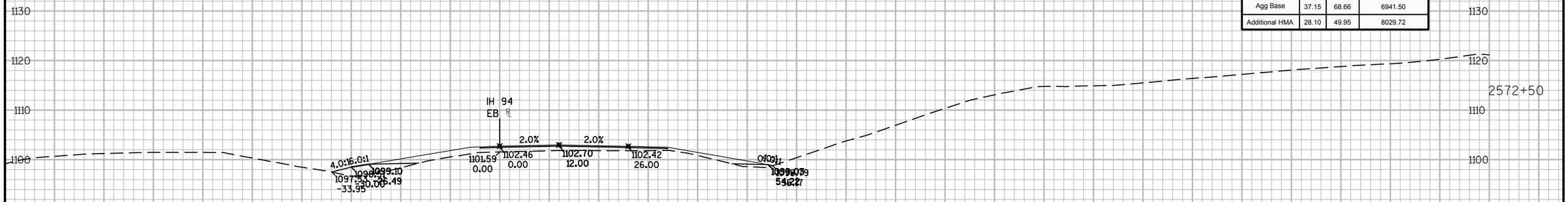
PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 430 | E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (66)

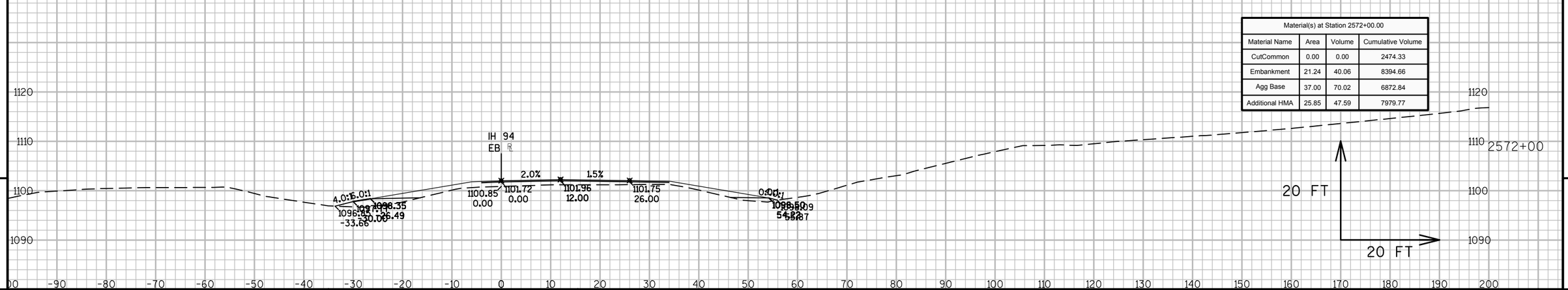
PLOT DATE : 10/20/2014 10:37 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

Material(s) at Station 2572+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	25.71	43.47	8438.13
Agg Base	37.15	68.66	6941.50
Additional HMA	28.10	49.95	8029.72



Material(s) at Station 2572+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2474.33
Embankment	21.24	40.06	8394.66
Agg Base	37.00	70.02	6872.84
Additional HMA	25.85	47.59	7979.77



9

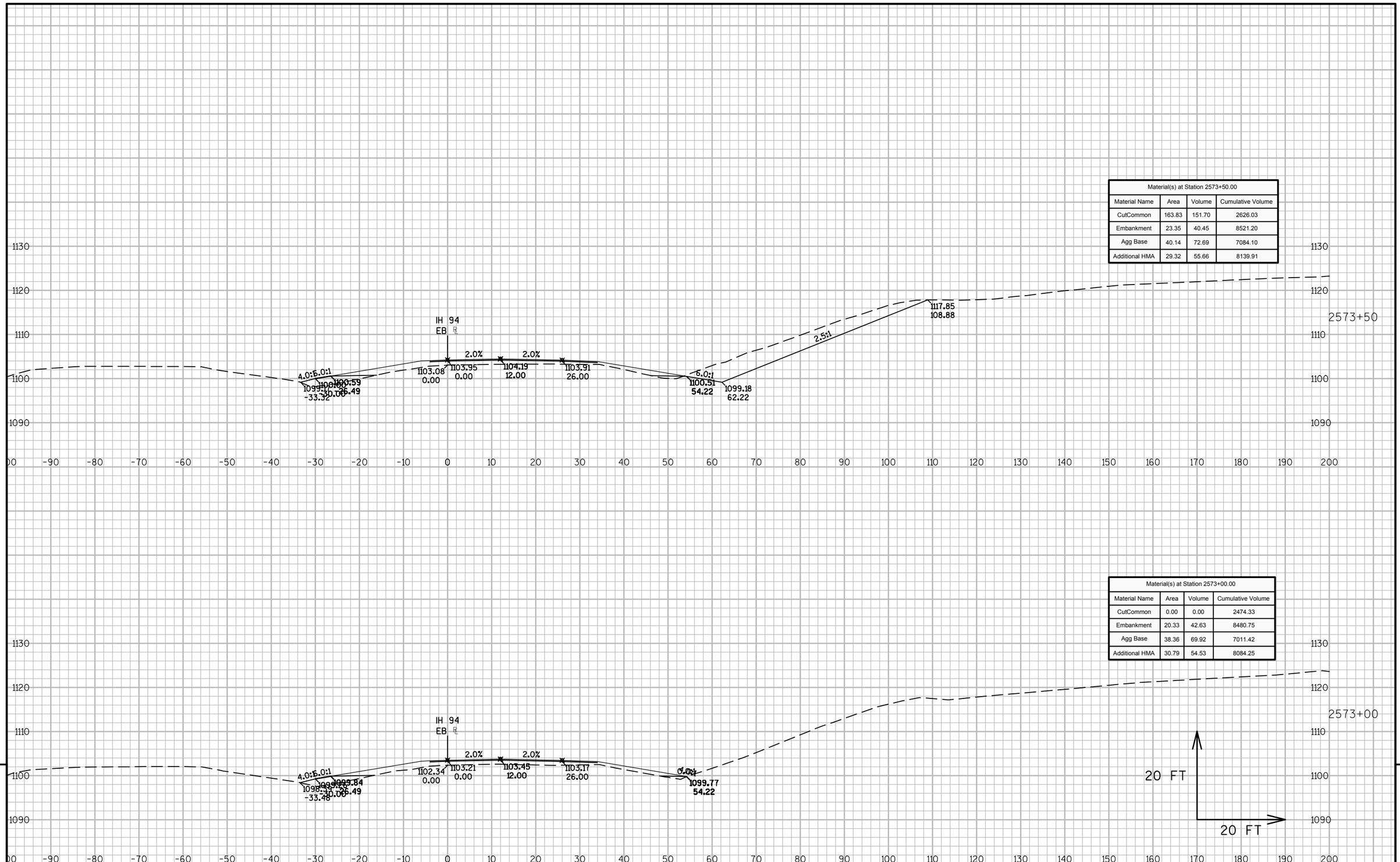
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 431	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (67)

PLOT DATE : 10/20/2014 10:38 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



9 9

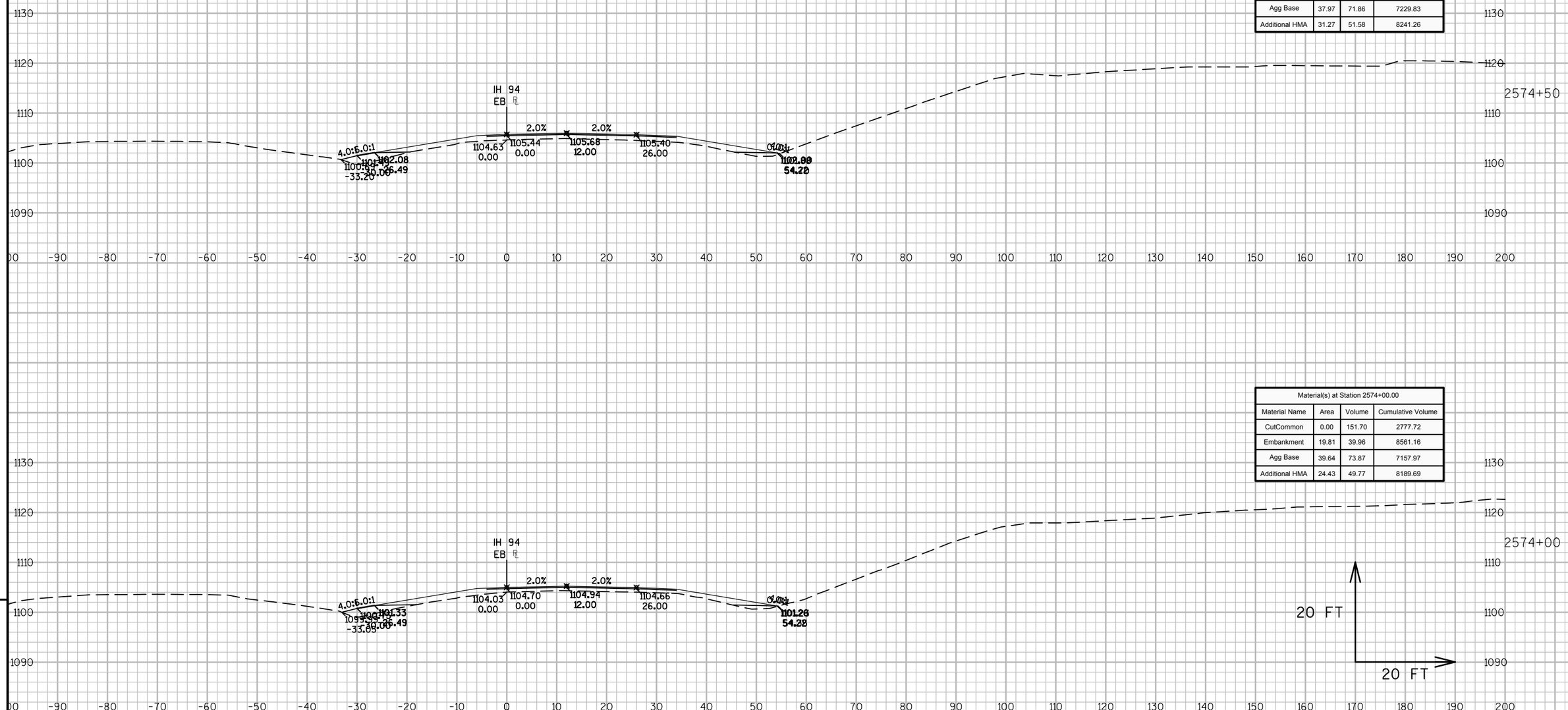
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 432 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (68)

PLOT DATE : 10/20/2014 10:38 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

Material(s) at Station 2574+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	19.91	36.77	8597.94
Agg Base	37.97	71.86	7229.83
Additional HMA	31.27	51.58	8241.26



Material(s) at Station 2574+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	151.70	2777.72
Embankment	19.81	39.96	8561.16
Agg Base	39.64	73.87	7157.97
Additional HMA	24.43	49.77	8189.69

9

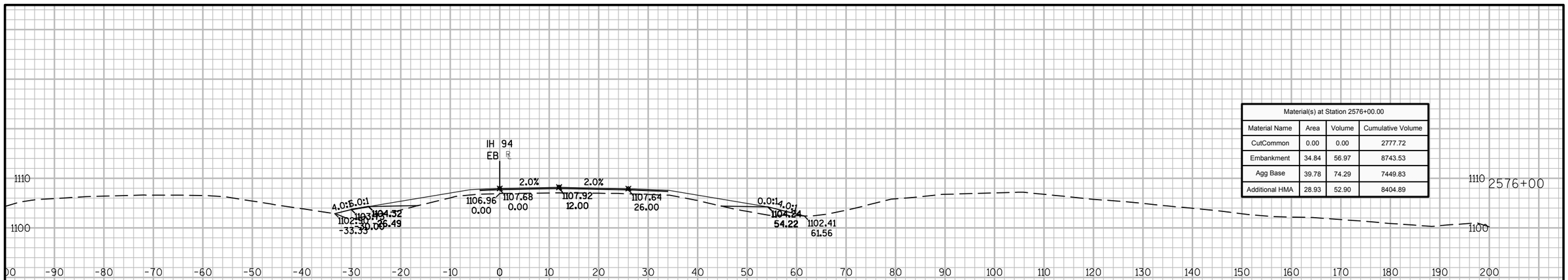
9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 433 | E

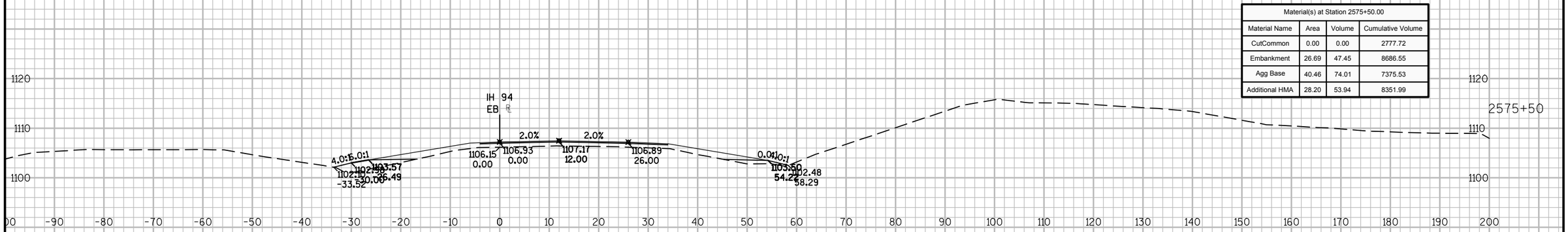
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (69)

PLOT DATE : 10/20/2014 10:38 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2576+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	34.84	56.97	8743.53
Agg Base	39.78	74.29	7449.83
Additional HMA	28.93	52.90	8404.89



Material(s) at Station 2575+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	26.69	47.45	8686.55
Agg Base	40.46	74.01	7375.53
Additional HMA	28.20	53.94	8351.99

Material(s) at Station 2575+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	24.55	41.17	8639.11
Agg Base	39.47	71.70	7301.53
Additional HMA	30.06	56.79	8298.05

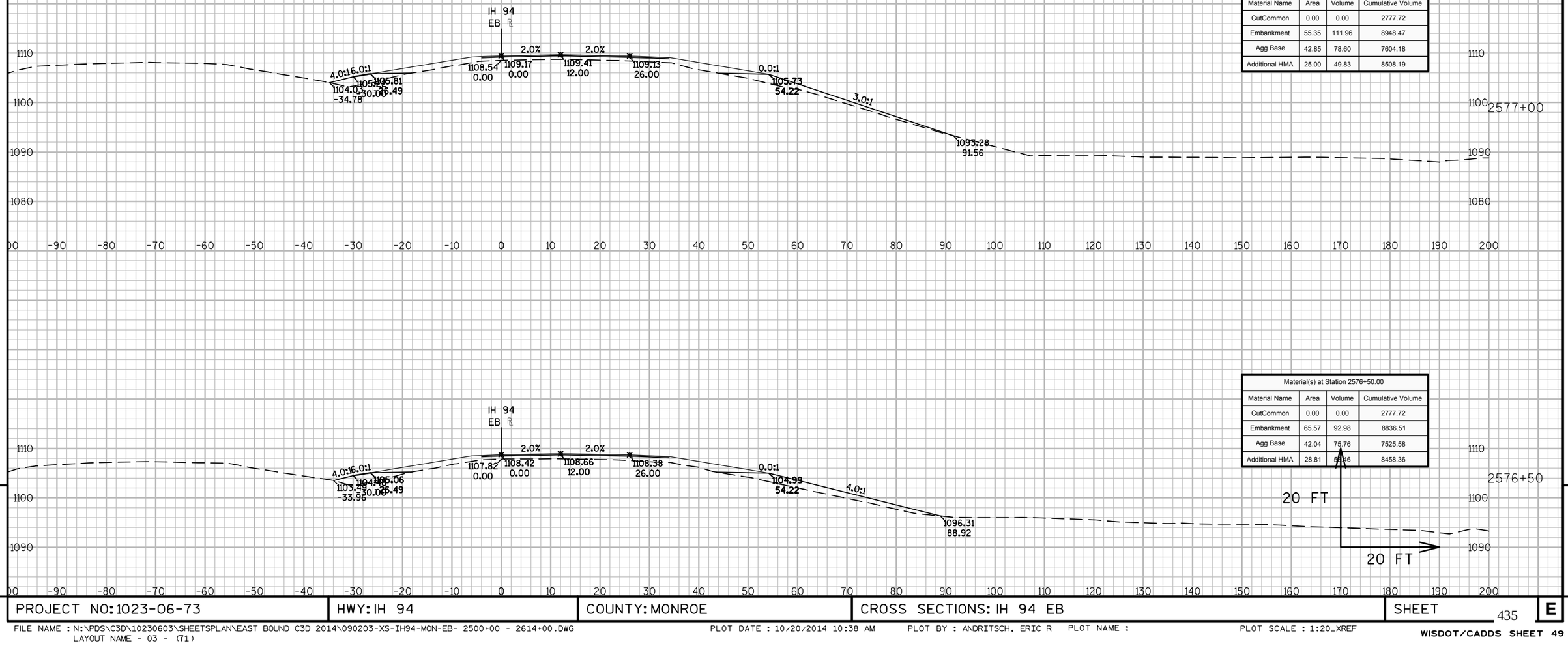
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 434	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (70)

PLOT DATE : 10/20/2014 10:38 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2577+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	55.35	111.96	8948.47
Agg Base	42.85	78.60	7604.18
Additional HMA	25.00	49.83	8508.19

Material(s) at Station 2576+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	65.57	92.98	8836.51
Agg Base	42.04	75.76	7525.58
Additional HMA	28.81	50.86	8458.36

9

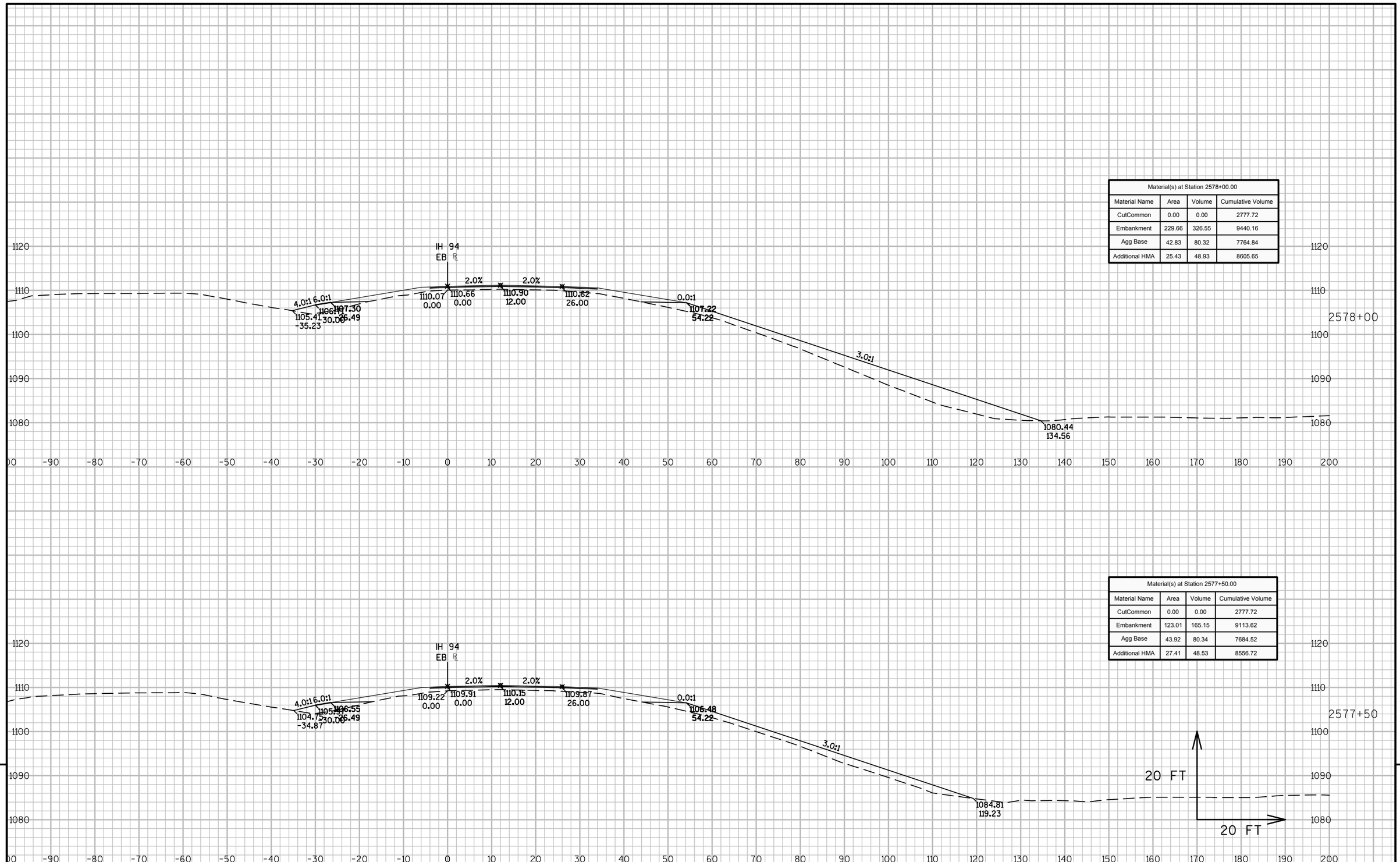
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 435	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (71)

PLOT DATE : 10/20/2014 10:38 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2578+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	229.66	326.55	9440.16
Agg Base	42.83	80.32	7764.84
Additional HMA	25.43	48.93	8605.65

Material(s) at Station 2577+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	123.01	165.15	9113.62
Agg Base	43.92	80.34	7684.52
Additional HMA	27.41	48.53	8556.72

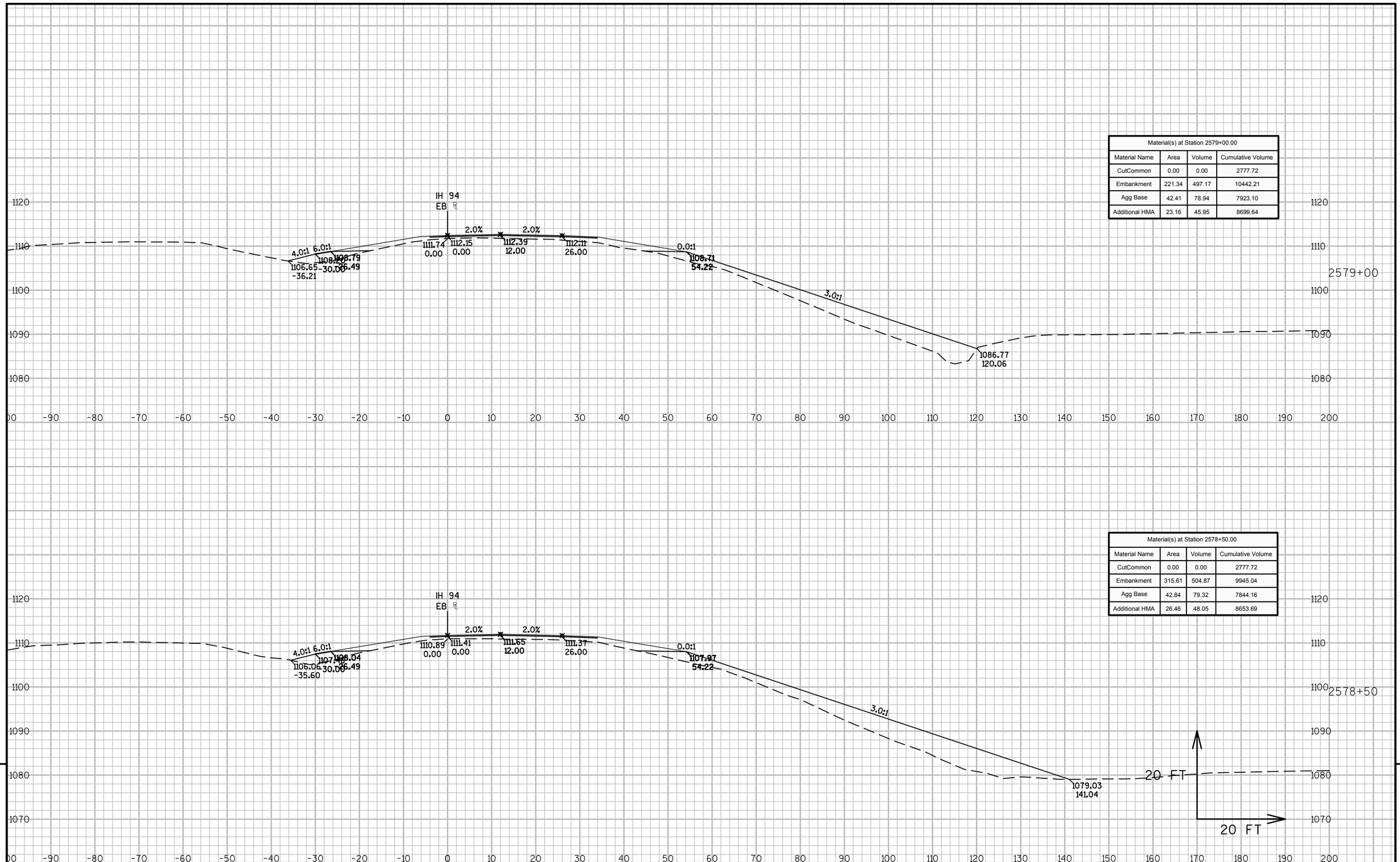
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 436	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (72)

PLOT DATE : 10/20/2014 10:38 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2579+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	221.34	497.17	10442.21
Agg Base	42.41	78.94	7923.10
Additional HMA	23.16	45.95	8699.64

Material(s) at Station 2578+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	315.61	504.87	9945.04
Agg Base	42.84	79.32	7844.16
Additional HMA	26.46	48.05	8653.69

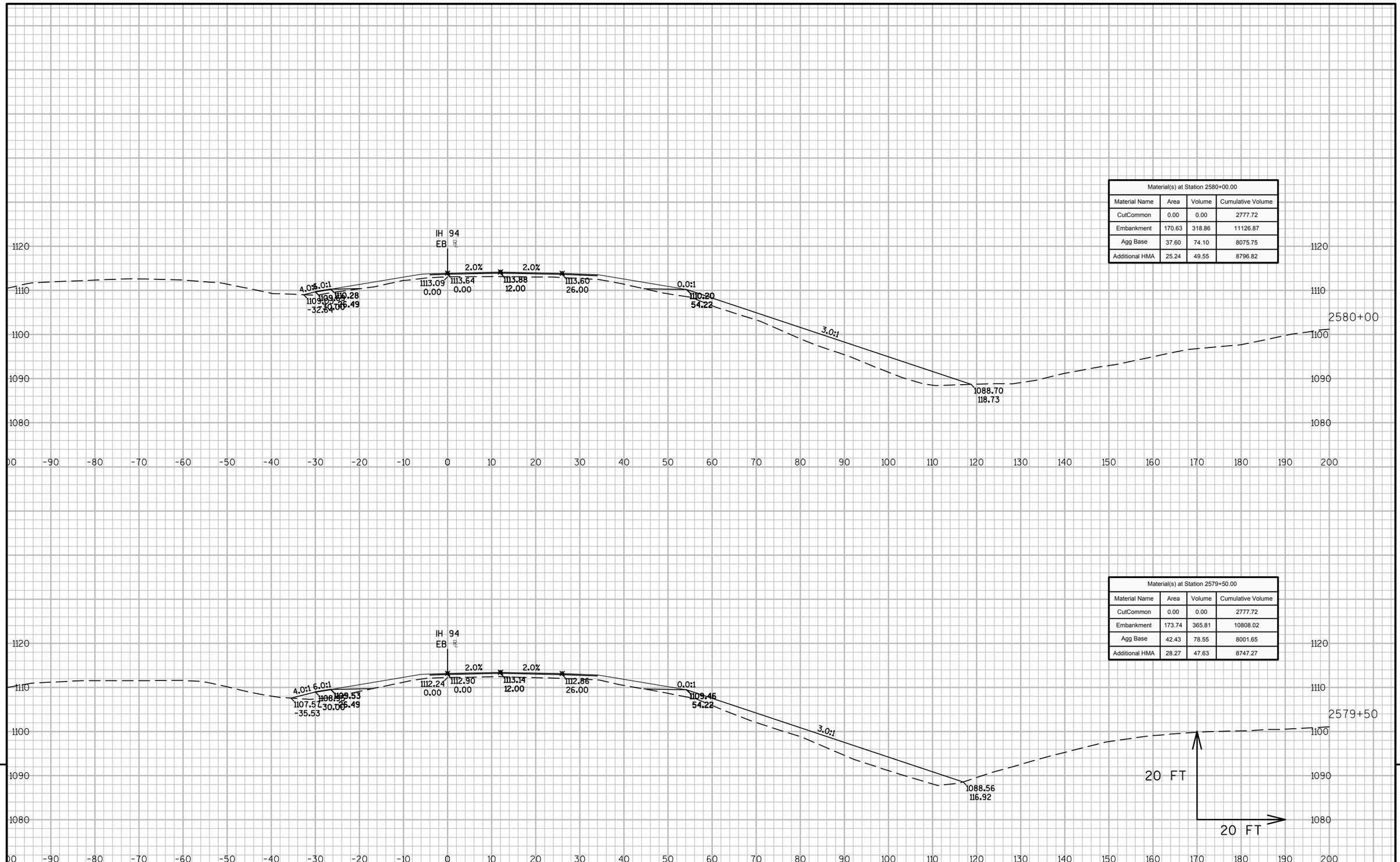
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 437	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (73)

PLOT DATE : 10/20/2014 10:38 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2580+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	170.63	318.86	11126.87
Agg Base	37.60	74.10	8075.75
Additional HMA	25.24	49.55	8796.82

Material(s) at Station 2579+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	173.74	365.81	10808.02
Agg Base	42.43	78.55	8001.65
Additional HMA	28.27	47.63	8747.27

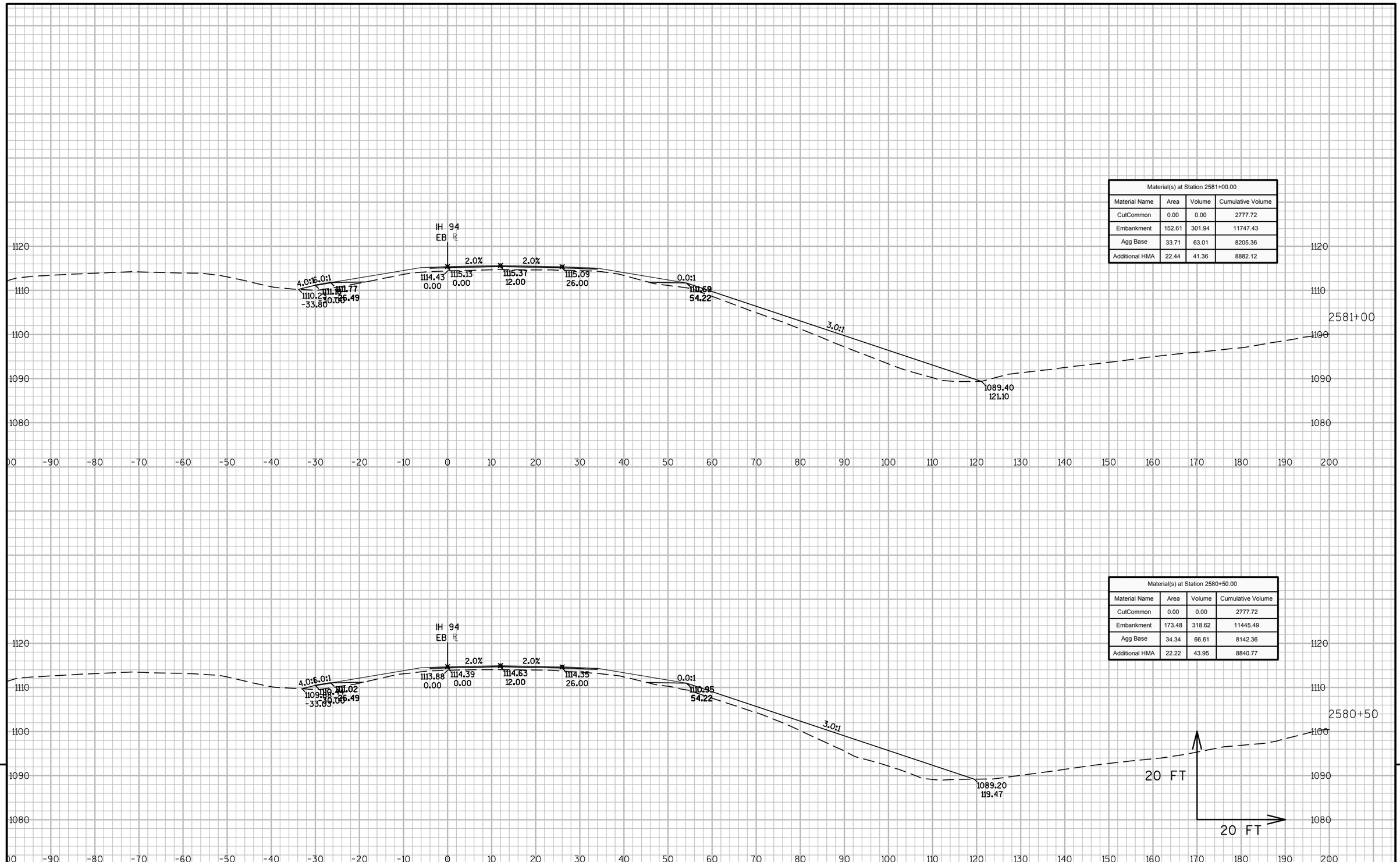
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 438	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (74)

PLOT DATE : 10/20/2014 10:39 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2581+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	152.61	301.94	11747.43
Agg Base	33.71	63.01	8205.36
Additional HMA	22.44	41.36	8882.12

Material(s) at Station 2580+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	173.48	318.62	11445.49
Agg Base	34.34	66.61	8142.36
Additional HMA	22.22	43.95	8840.77

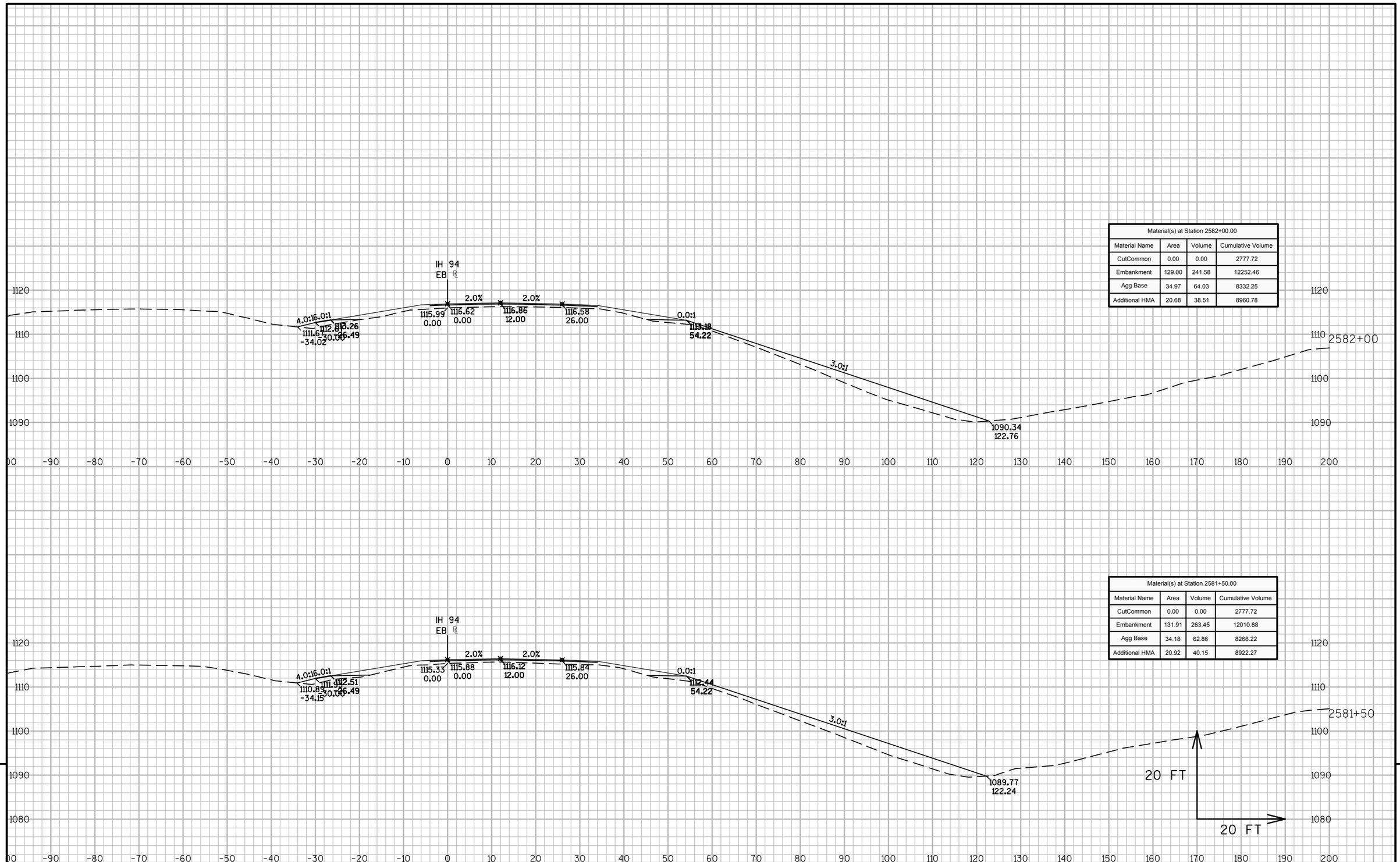
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 439	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (75)

PLOT DATE : 10/20/2014 10:39 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2582+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	129.00	241.58	12252.46
Agg Base	34.97	64.03	8332.25
Additional HMA	20.68	38.51	8960.78

Material(s) at Station 2581+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	131.91	263.45	12010.88
Agg Base	34.18	62.86	8268.22
Additional HMA	20.92	40.15	8922.27

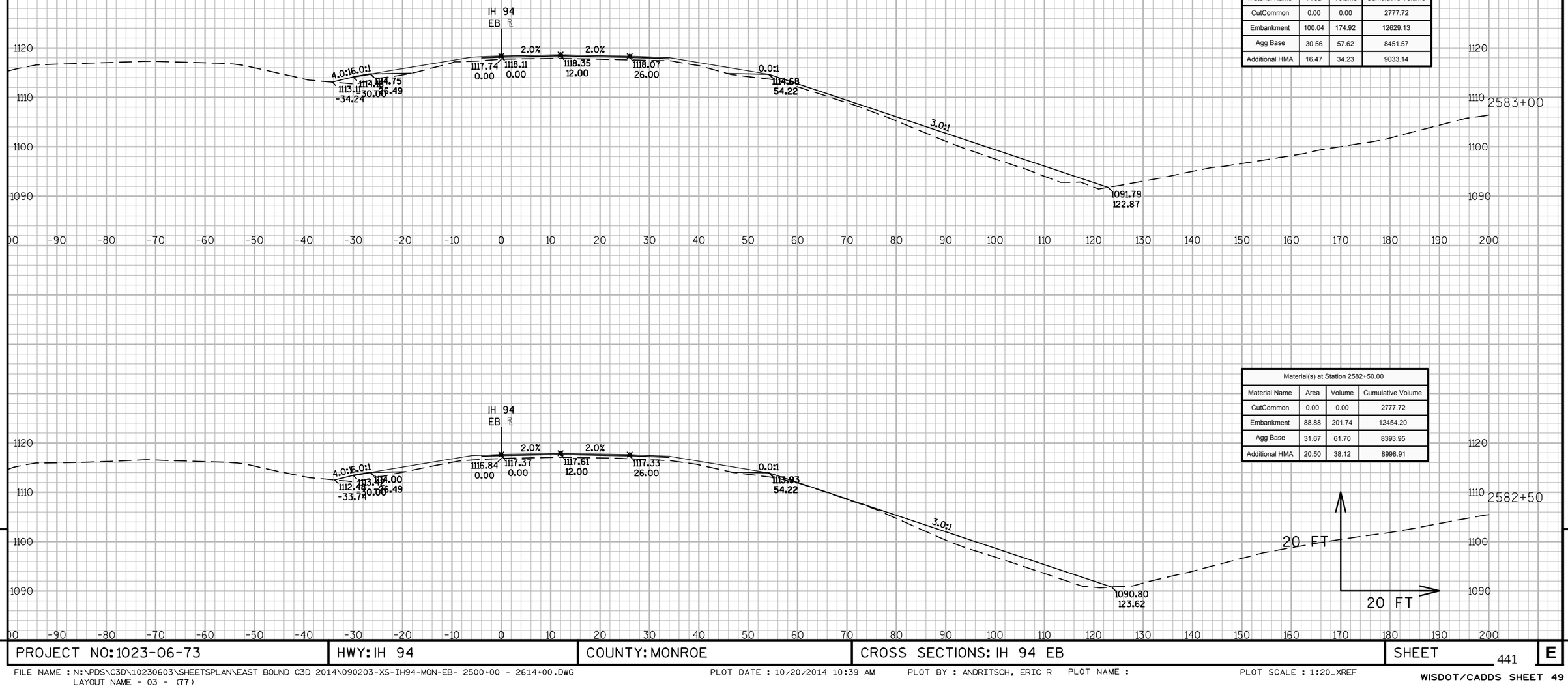
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 440	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (76)

PLOT DATE : 10/20/2014 10:39 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2583+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	100.04	174.92	12629.13
Agg Base	30.56	57.62	8451.57
Additional HMA	16.47	34.23	9033.14

Material(s) at Station 2582+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	88.88	201.74	12454.20
Agg Base	31.67	61.70	8393.95
Additional HMA	20.50	38.12	8998.91

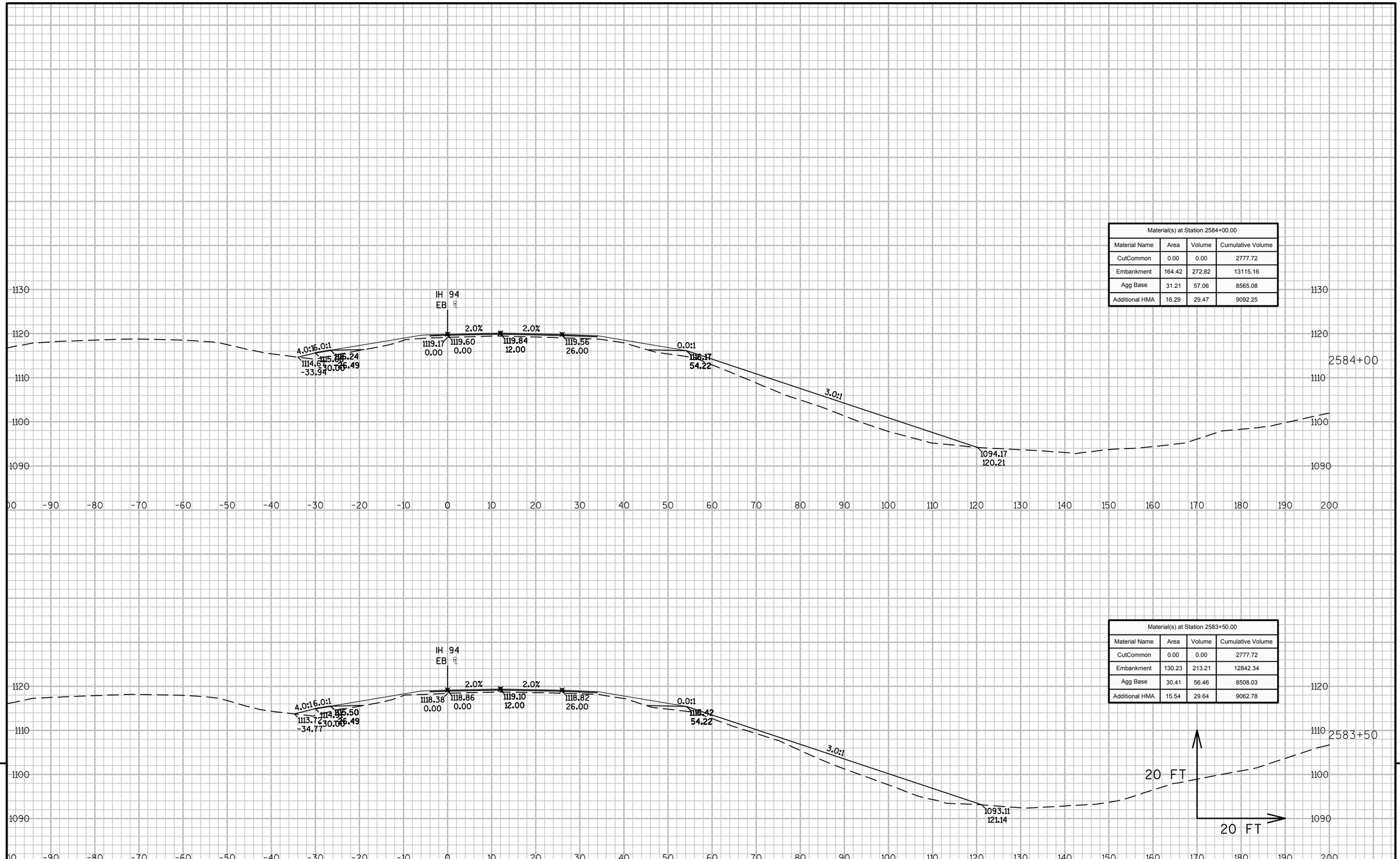
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 441	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (77)

PLOT DATE : 10/20/2014 10:39 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2584+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	164.42	272.82	13115.16
Agg Base	31.21	57.06	8565.08
Additional HMA	16.29	29.47	9092.25

Material(s) at Station 2583+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	130.23	213.21	12842.34
Agg Base	30.41	56.46	8508.03
Additional HMA	15.54	29.64	9062.78

9

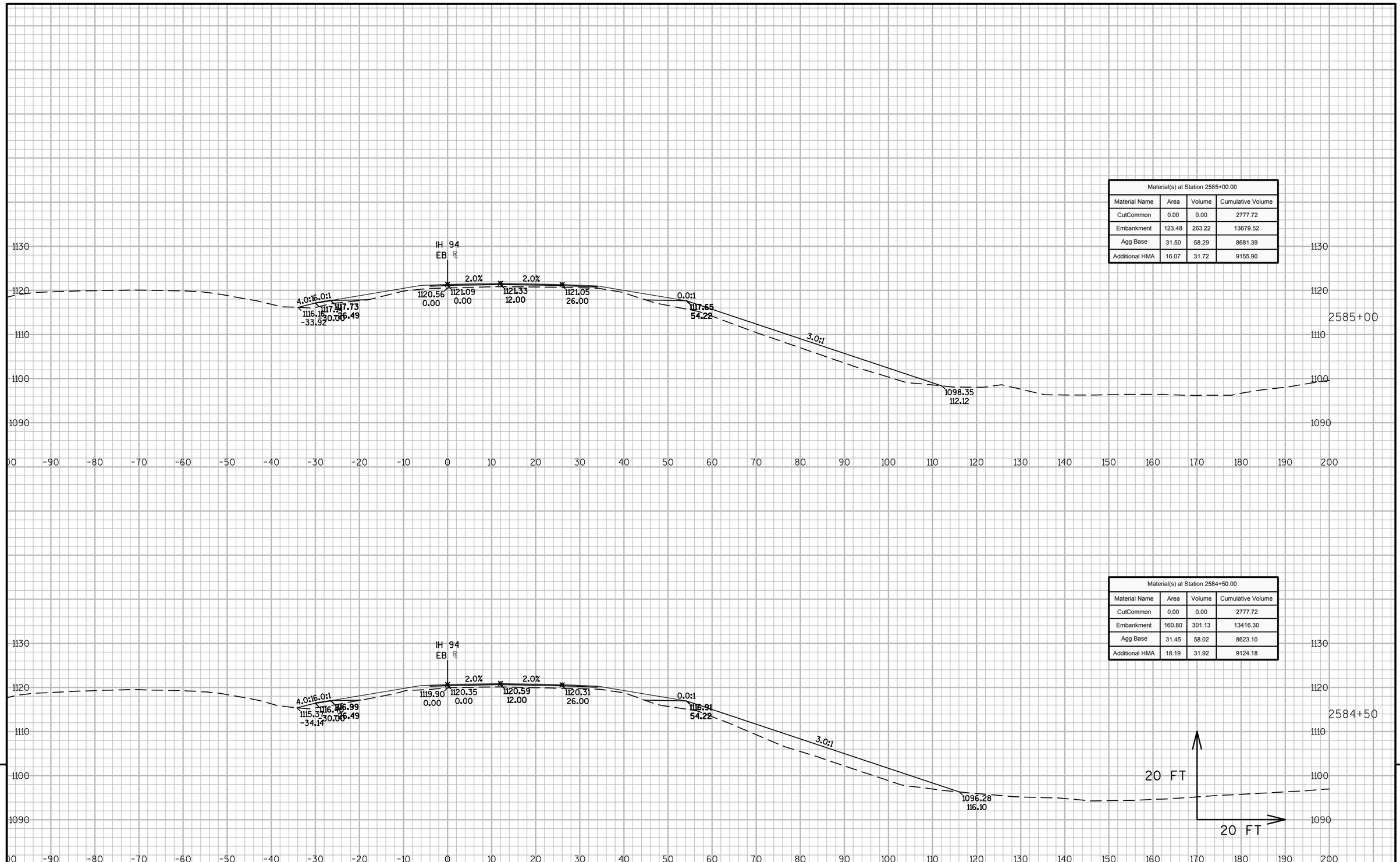
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 442	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (78)

PLOT DATE : 10/20/2014 10:39 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2585+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	123.48	263.22	13679.52
Agg Base	31.50	58.29	8681.39
Additional HMA	16.07	31.72	9155.90

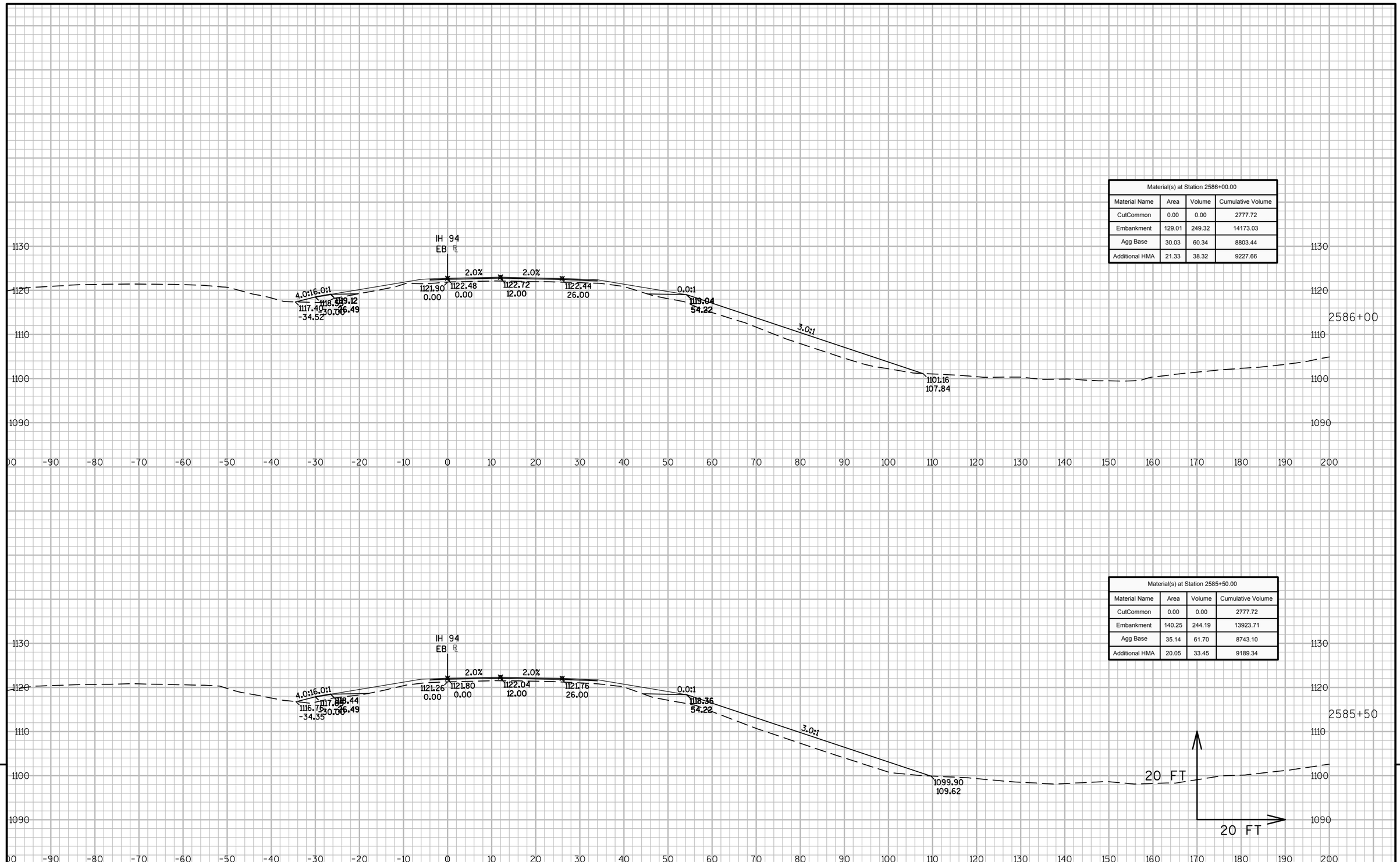
Material(s) at Station 2584+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	160.80	301.13	13416.30
Agg Base	31.45	58.02	8623.10
Additional HMA	18.19	31.92	9124.18

9 9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 443 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (79)

PLOT DATE : 10/20/2014 10:39 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2586+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	129.01	249.32	14173.03
Agg Base	30.03	60.34	8803.44
Additional HMA	21.33	38.32	9227.66

Material(s) at Station 2585+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	140.25	244.19	13923.71
Agg Base	35.14	61.70	8743.10
Additional HMA	20.05	33.45	9189.34

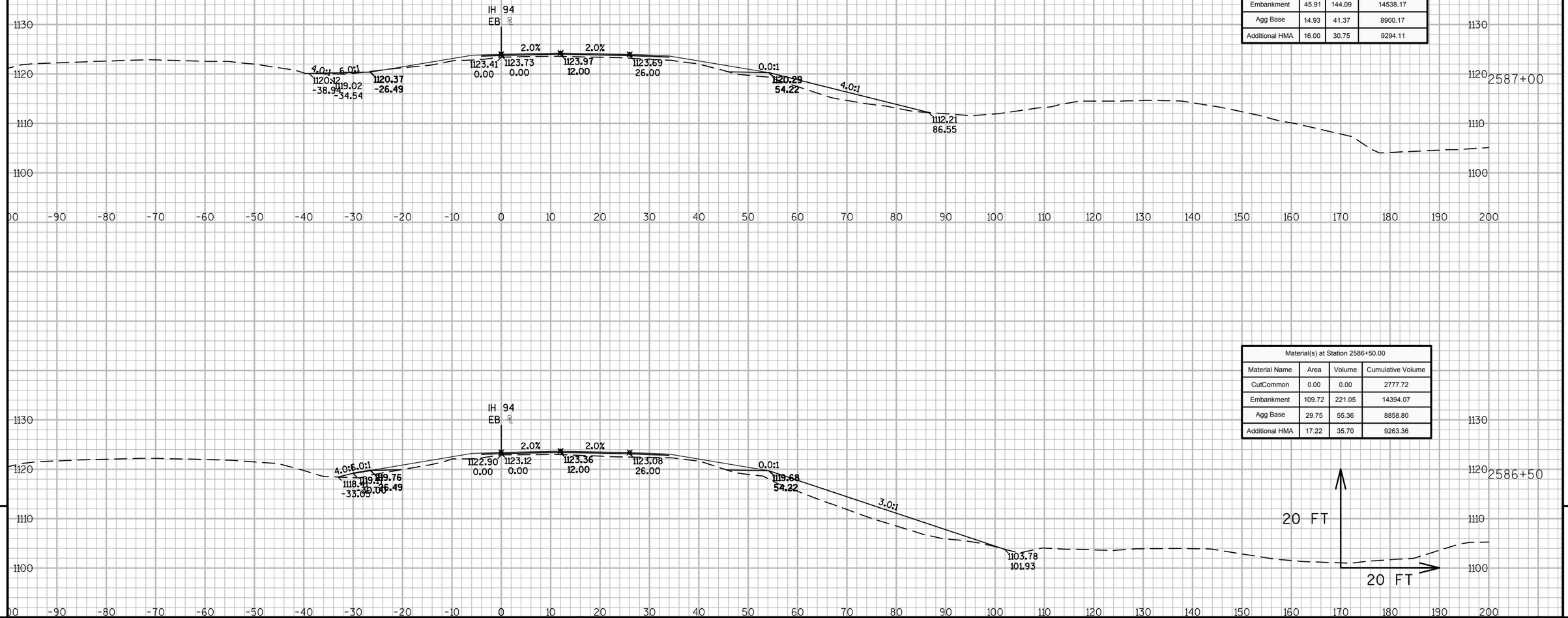
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 444	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (80)

PLOT DATE : 10/20/2014 10:40 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2587+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.14	0.13	2777.85
Embankment	45.91	144.09	14538.17
Agg Base	14.93	41.37	8900.17
Additional HMA	16.00	30.75	9294.11

Material(s) at Station 2586+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.72
Embankment	109.72	221.05	14394.07
Agg Base	29.75	55.36	8858.80
Additional HMA	17.22	35.70	9263.36

9

9

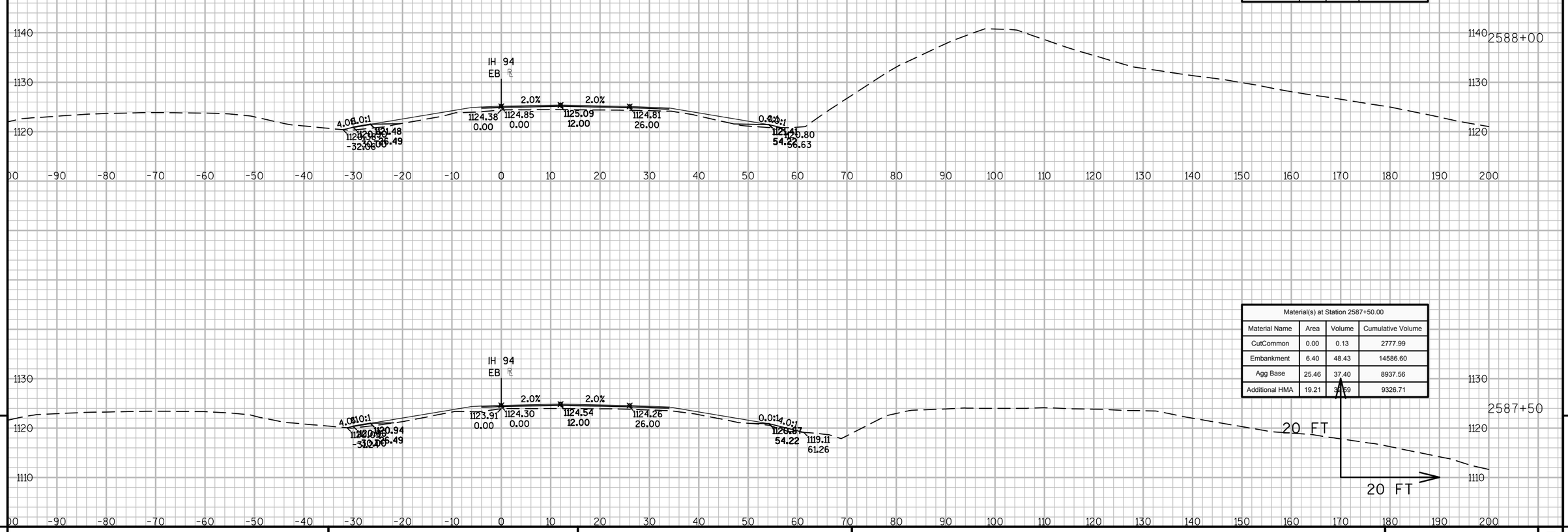
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 445	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (81)

PLOT DATE : 10/20/2014 10:40 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

Material(s) at Station 2588+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.99
Embankment	9.44	14.66	14601.26
Agg Base	29.22	50.63	8988.19
Additional HMA	19.67	36.00	9362.70



Material(s) at Station 2587+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.13	2777.99
Embankment	6.40	48.43	14586.60
Agg Base	25.46	37.40	8937.56
Additional HMA	19.21	34.59	9326.71

9

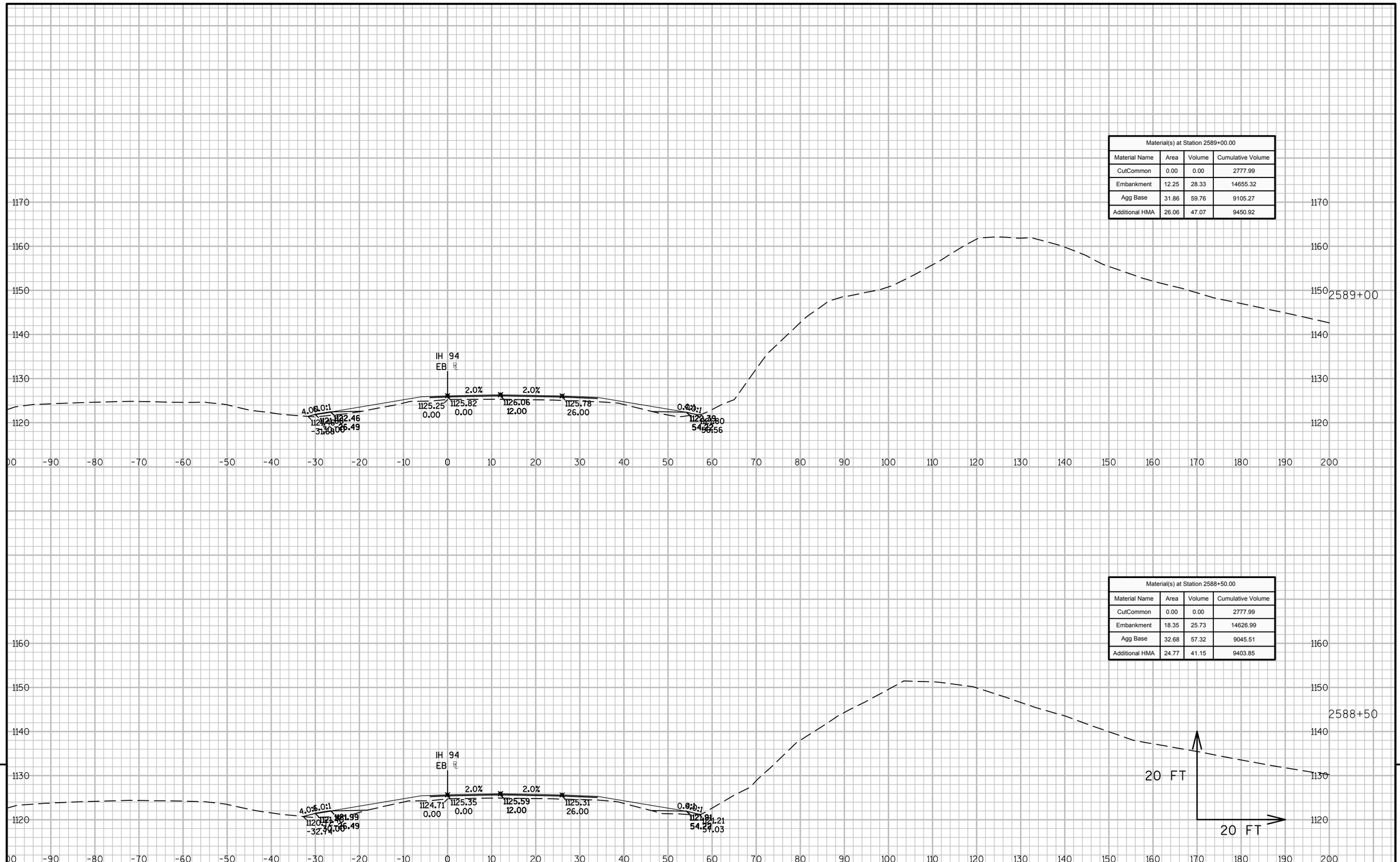
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 446	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (82)

PLOT DATE : 10/20/2014 10:40 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2589+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.99
Embankment	12.25	28.33	14655.32
Agg Base	31.86	59.76	9105.27
Additional HMA	26.06	47.07	9450.92

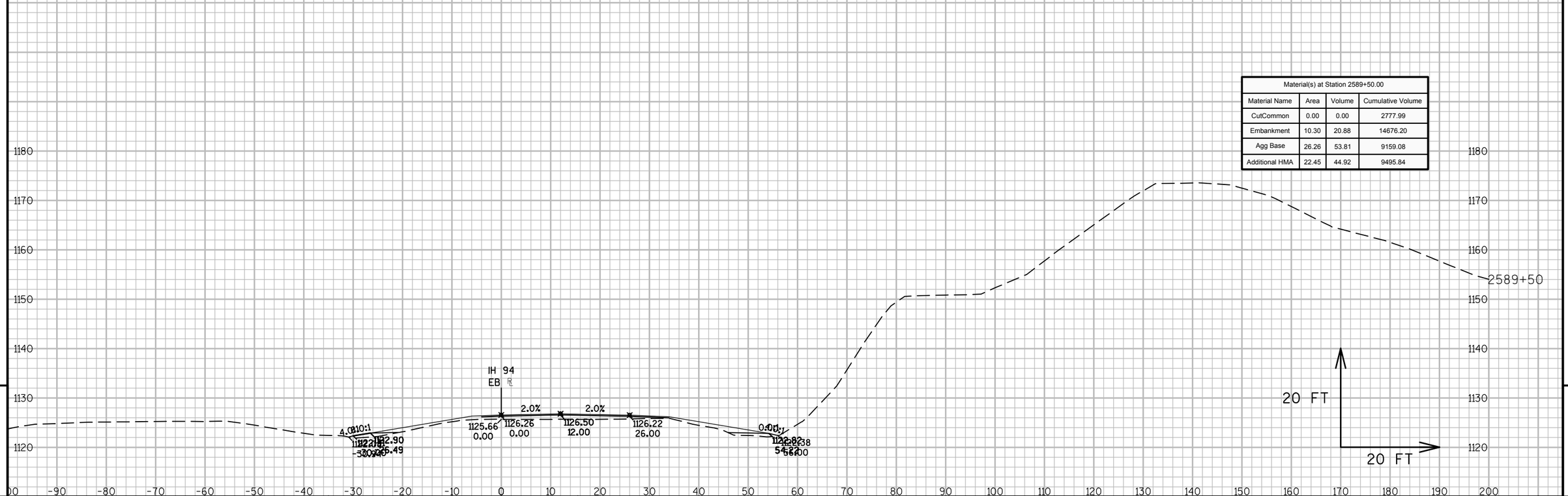


Material(s) at Station 2588+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.99
Embankment	18.35	25.73	14626.99
Agg Base	32.68	57.32	9045.51
Additional HMA	24.77	41.15	9403.85

9 9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 447	E

Material(s) at Station 2589+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.99
Embankment	10.30	20.88	14676.20
Agg Base	26.26	53.81	9159.08
Additional HMA	22.45	44.92	9495.84



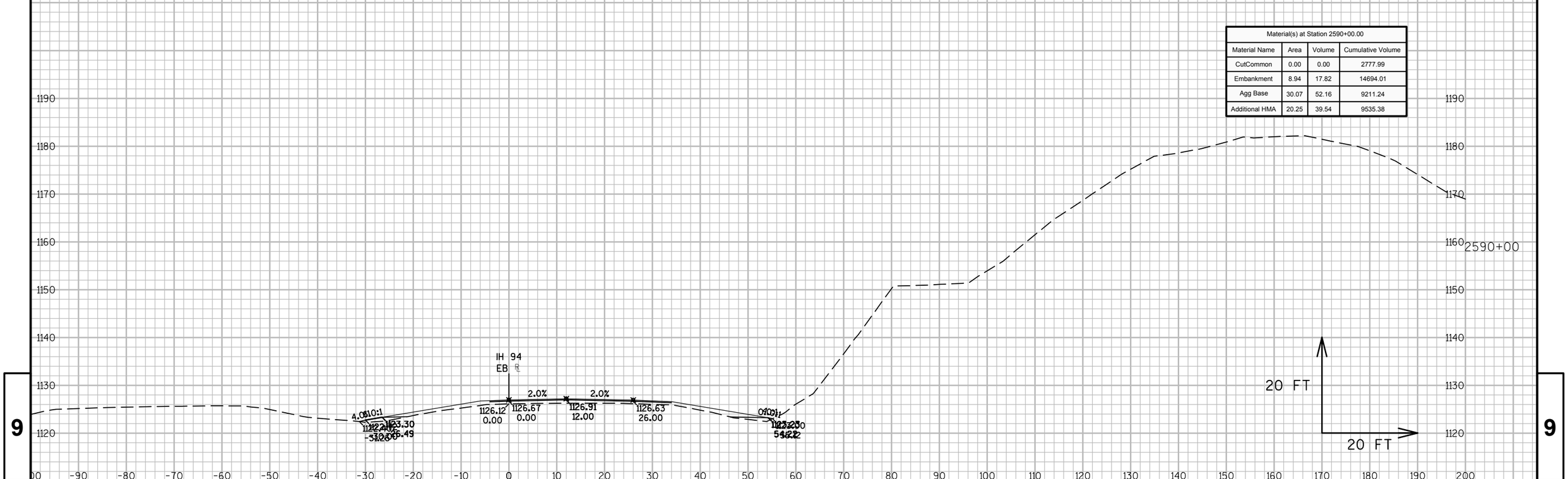
9 9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 448	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (84)

PLOT DATE : 10/20/2014 10:40 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2590+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.99
Embankment	8.94	17.82	14694.01
Agg Base	30.07	52.16	9211.24
Additional HMA	20.25	39.54	9535.38



9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 449	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (85)

PLOT DATE : 10/20/2014 10:40 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2590+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.99
Embankment	8.72	16.35	14710.36
Agg Base	28.30	54.05	9265.29
Additional HMA	23.07	40.10	9575.48



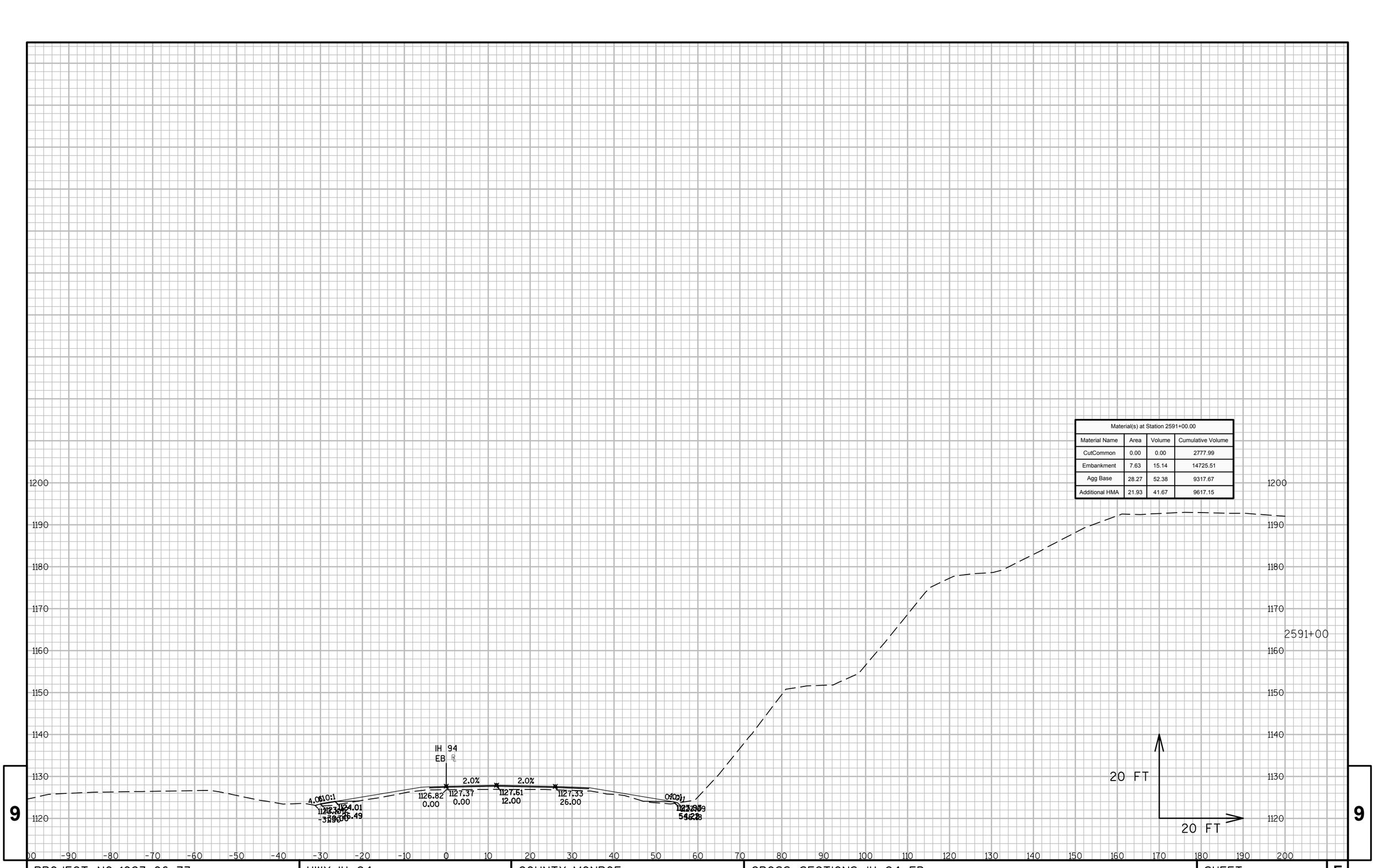
9 9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 450 | E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (86)

PLOT DATE : 10/20/2014 10:40 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2591+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.99
Embankment	7.63	15.14	14725.51
Agg Base	28.27	52.38	9317.67
Additional HMA	21.93	41.67	9617.15



9

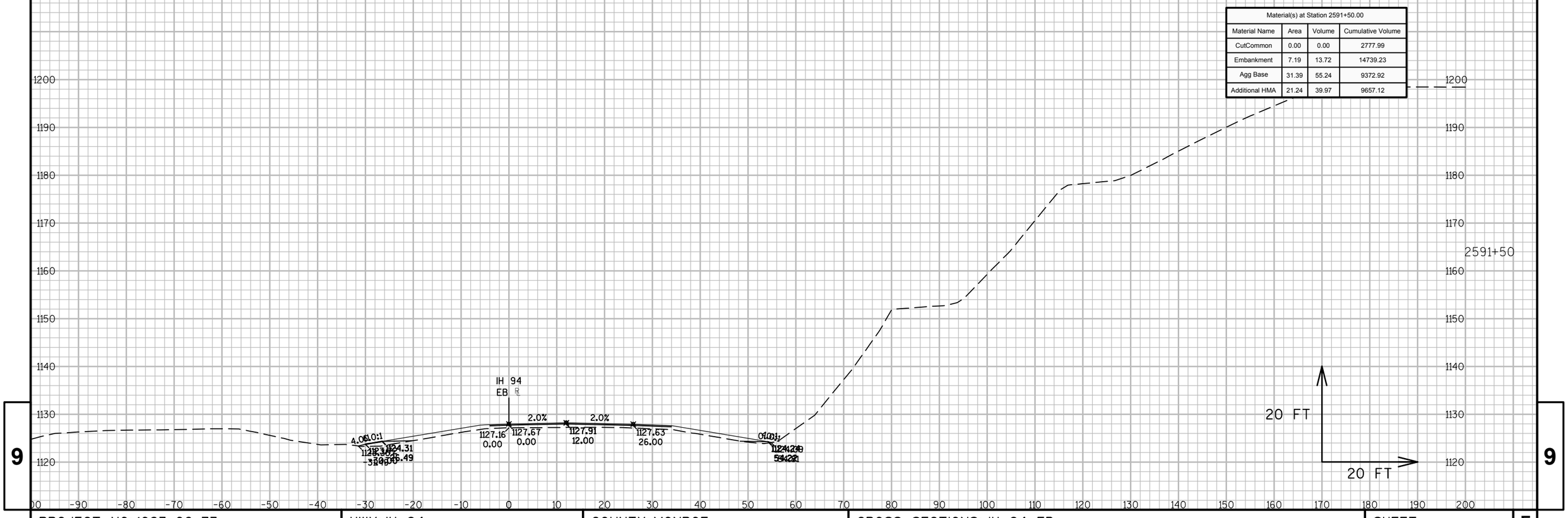
9

PROJECT NO:1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 451 | E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (87)

PLOT DATE : 10/20/2014 10:41 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2591+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.99
Embankment	7.19	13.72	14739.23
Agg Base	31.39	55.24	9372.92
Additional HMA	21.24	39.97	9657.12



9

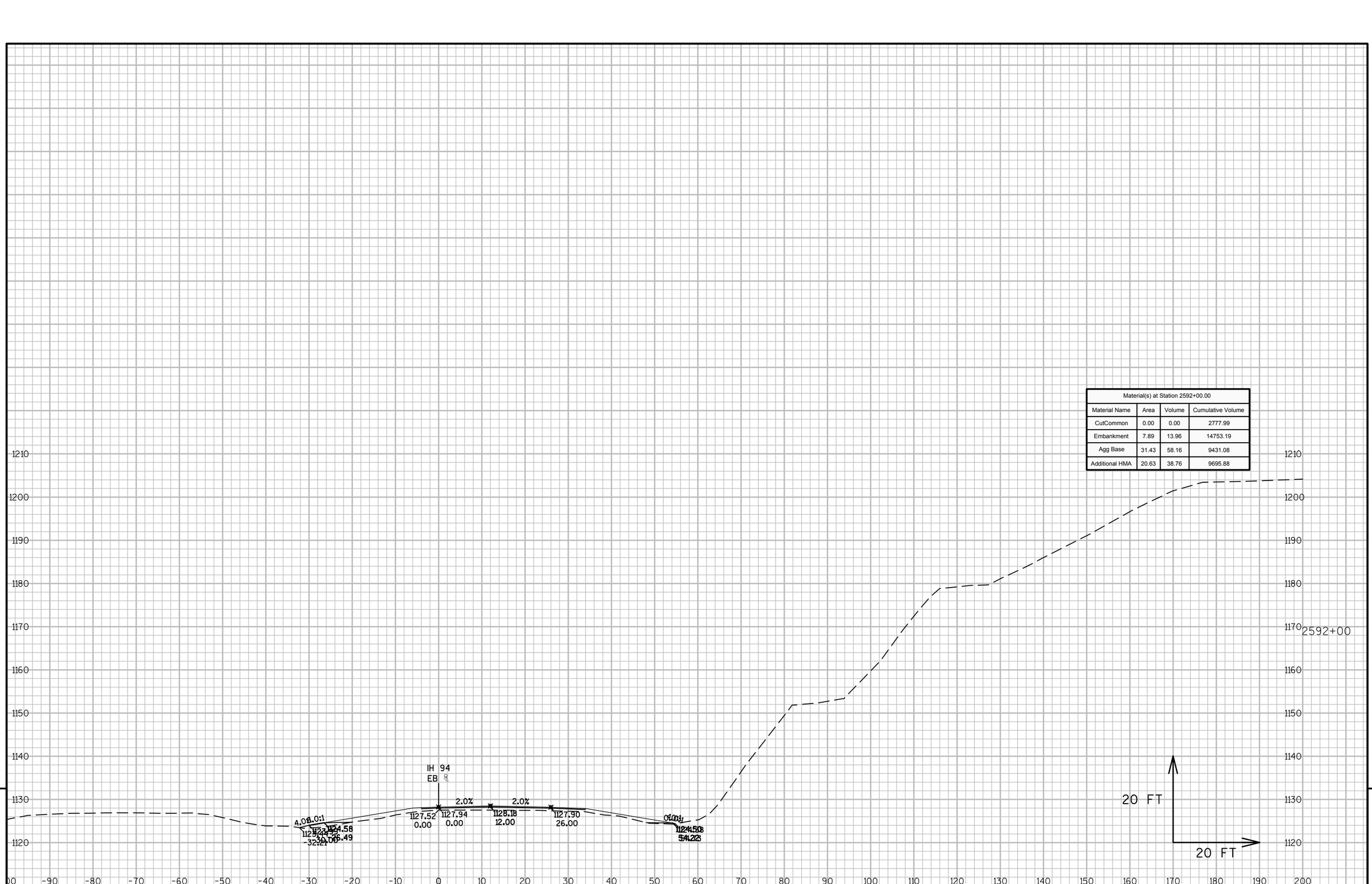
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 452	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (88)

PLOT DATE : 10/20/2014 10:41 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2592+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.99
Embankment	7.89	13.96	14753.19
Agg Base	31.43	58.16	9431.08
Additional HMA	20.63	38.76	9695.88



9

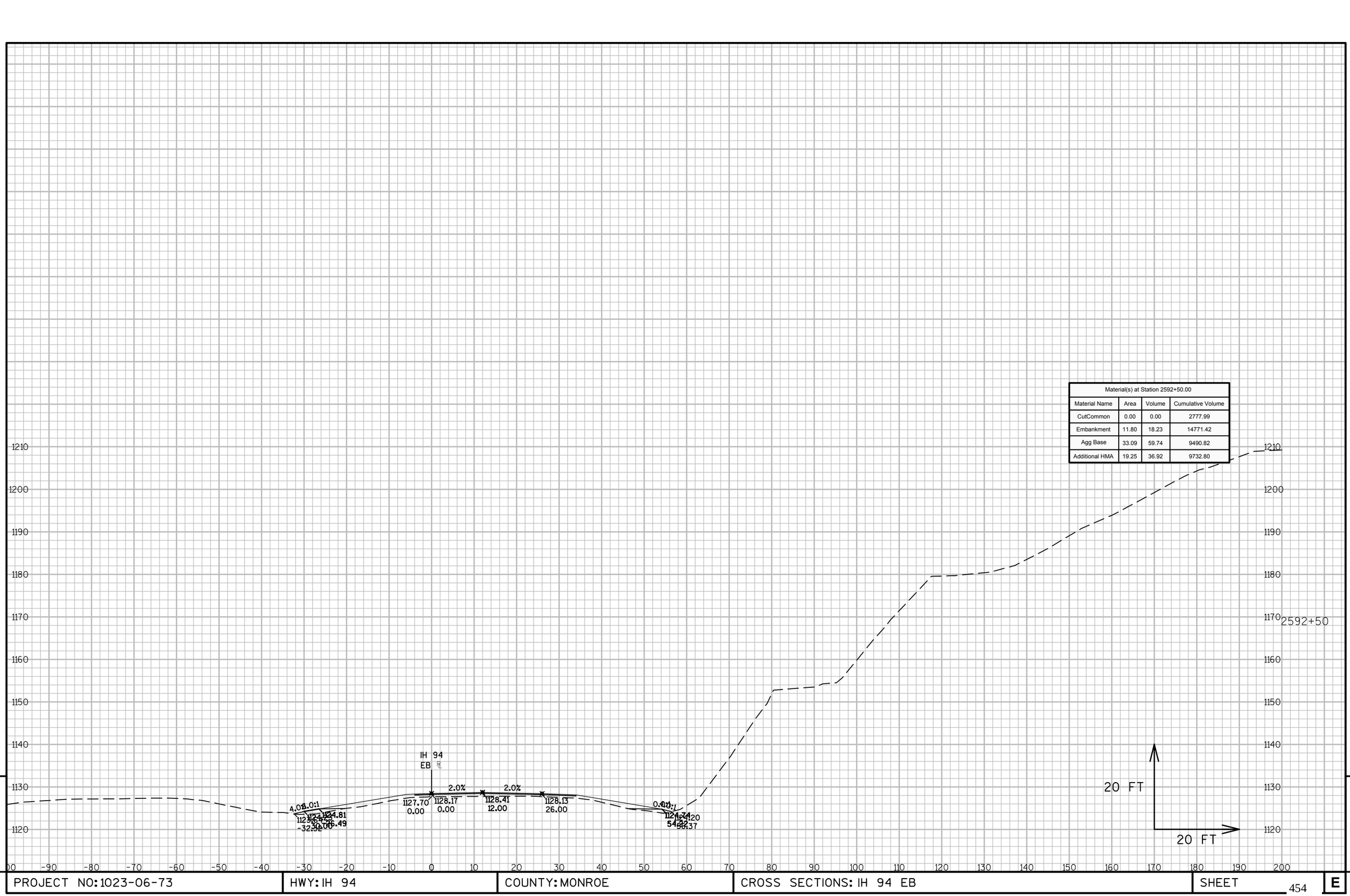
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 453	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (89)

PLOT DATE : 10/20/2014 10:41 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2592+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.99
Embankment	11.80	18.23	14771.42
Agg Base	33.09	59.74	9490.82
Additional HMA	19.25	36.92	9732.80



9

9

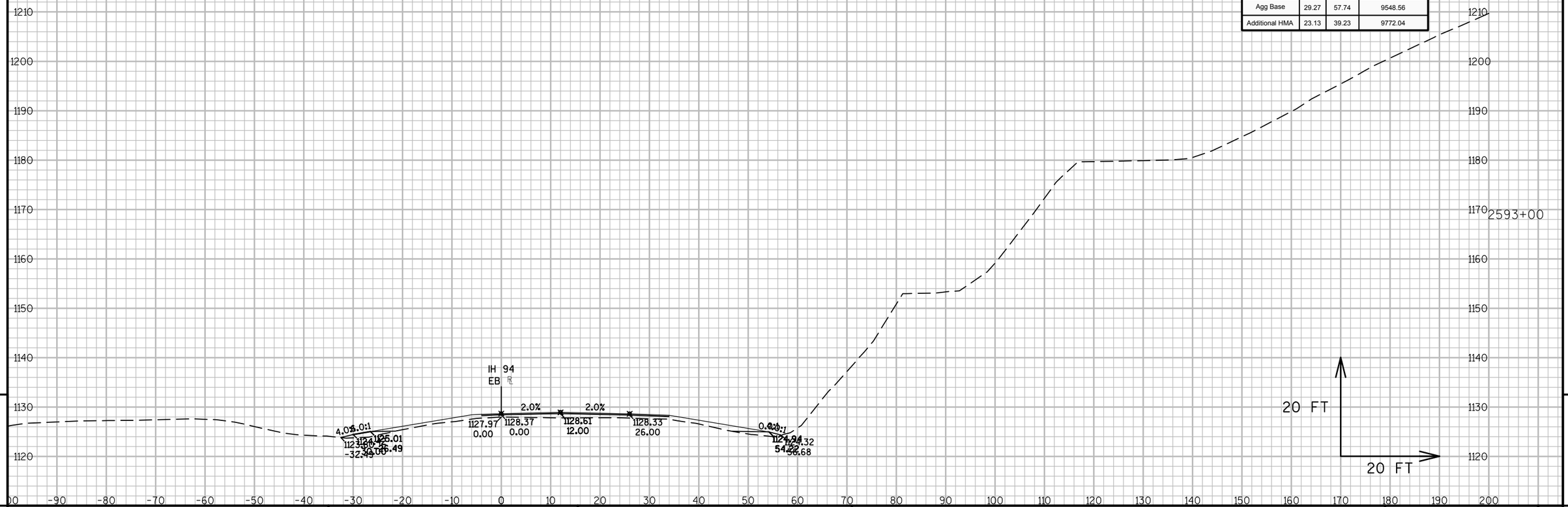
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 454	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (90)

PLOT DATE : 10/20/2014 10:41 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

Material(s) at Station 2593+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.99
Embankment	11.71	21.76	14793.18
Agg Base	29.27	57.74	9548.56
Additional HMA	23.13	39.23	9772.04



9

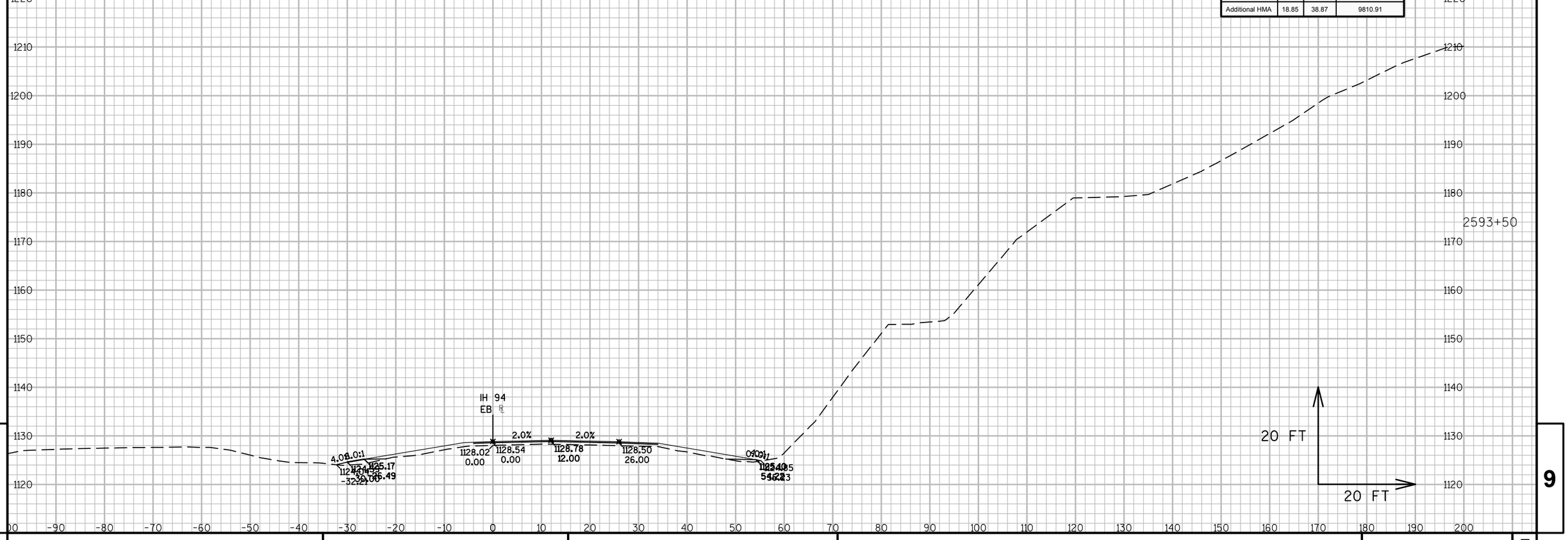
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 455	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (91)

PLOT DATE : 10/20/2014 10:41 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2593+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.99
Embankment	8.21	18.44	14811.63
Agg Base	30.87	55.68	9604.24
Additional HMA	18.85	38.87	9810.91



9

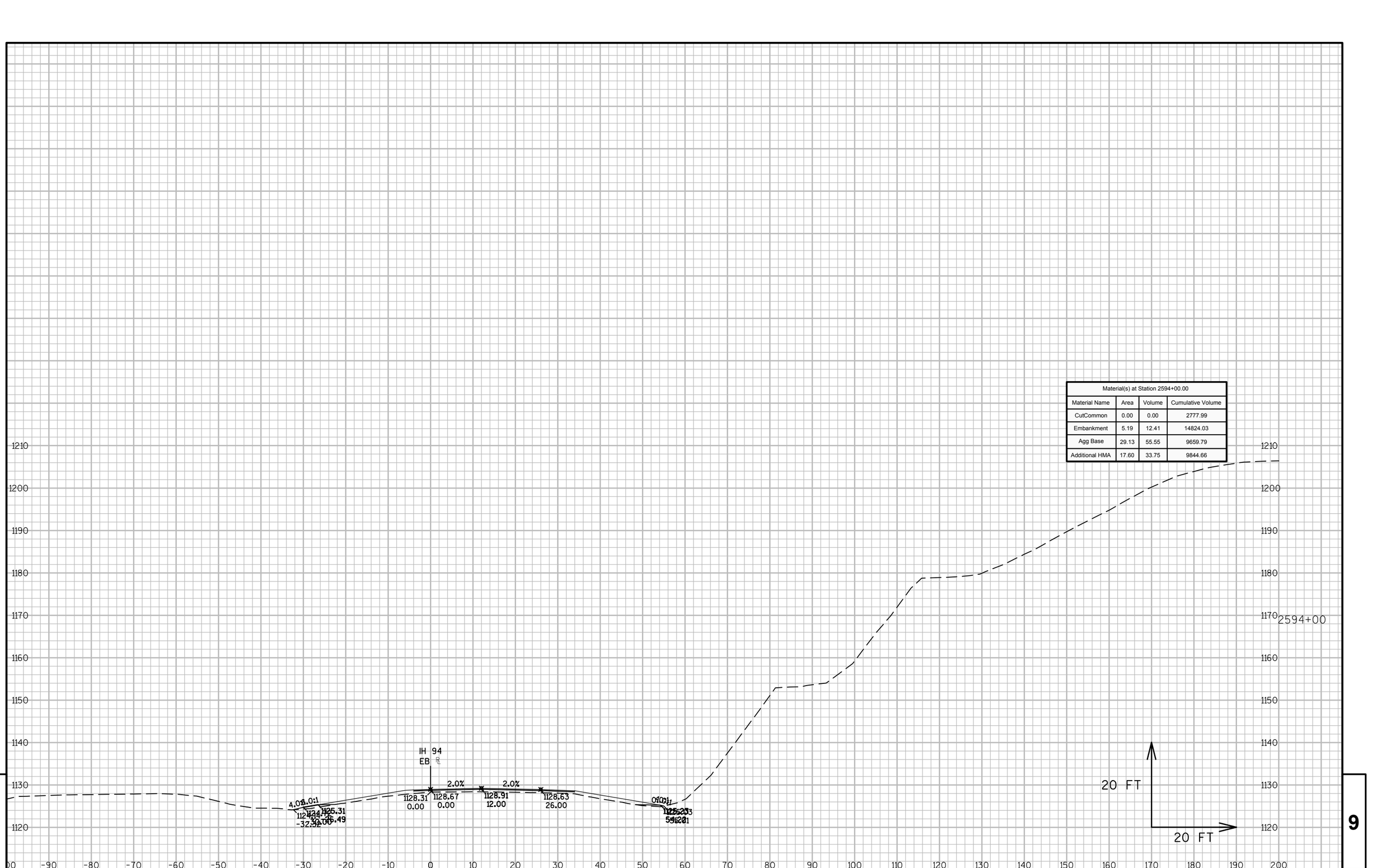
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 456	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (92)

PLOT DATE : 10/20/2014 10:41 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2594+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.99
Embankment	5.19	12.41	14824.03
Agg Base	29.13	55.55	9659.79
Additional HMA	17.60	33.75	9844.66



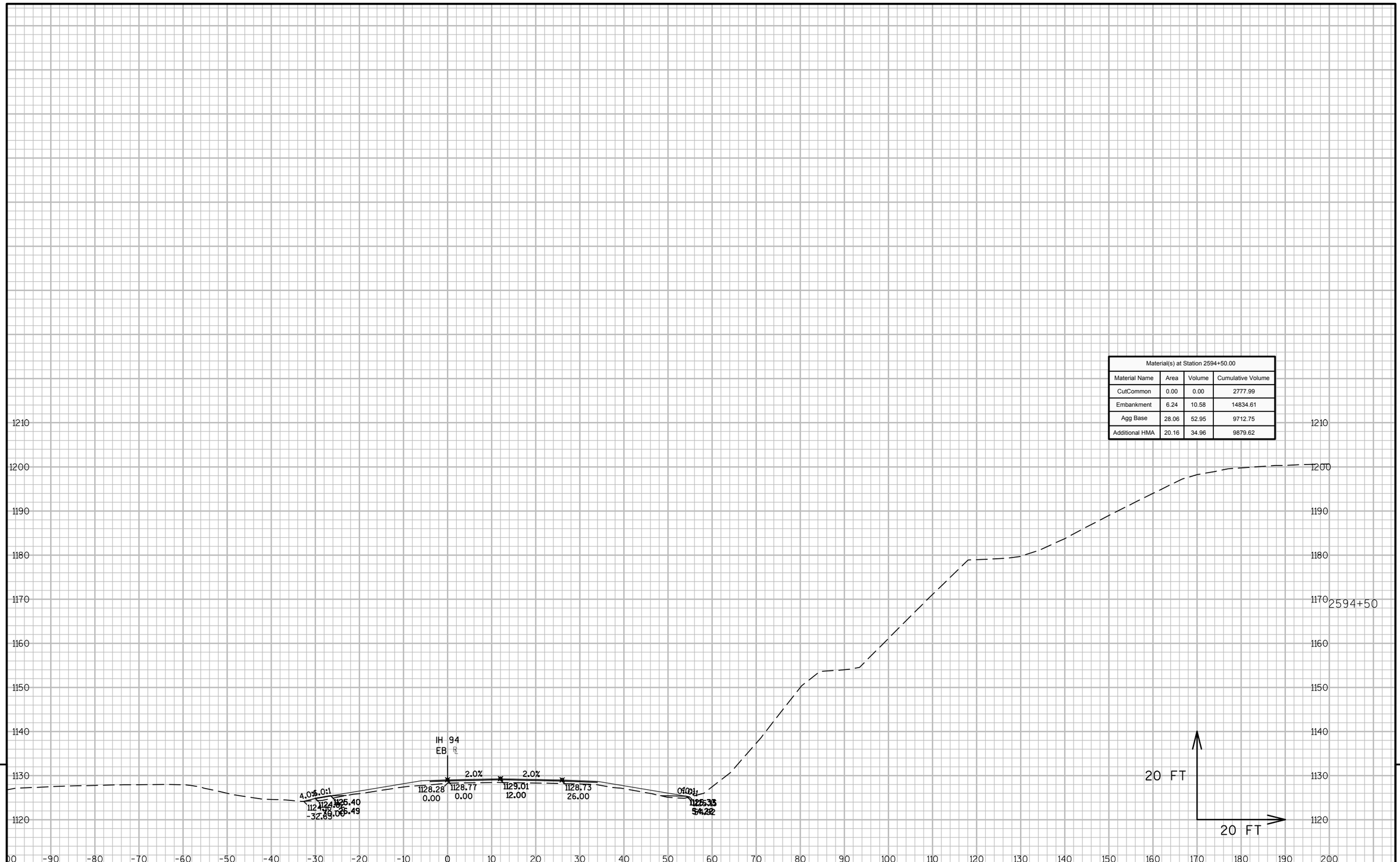
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 457	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (93)
PLOT DATE : 10/20/2014 10:41 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49

Material(s) at Station 2594+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.99
Embankment	6.24	10.58	14834.61
Agg Base	28.06	52.95	9712.75
Additional HMA	20.16	34.96	9879.62



9

9

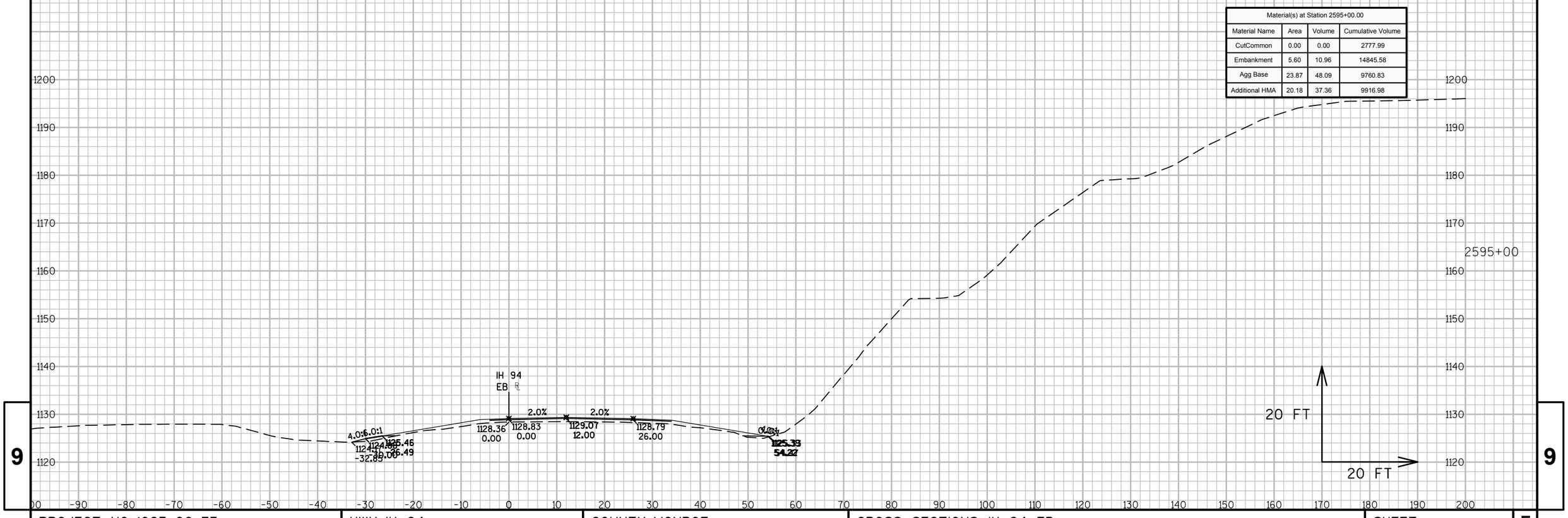
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 458	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (94)

PLOT DATE : 10/20/2014 10:42 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

Material(s) at Station 2595+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2777.99
Embankment	5.60	10.96	14845.58
Agg Base	23.87	48.09	9760.83
Additional HMA	20.18	37.36	9916.98



9

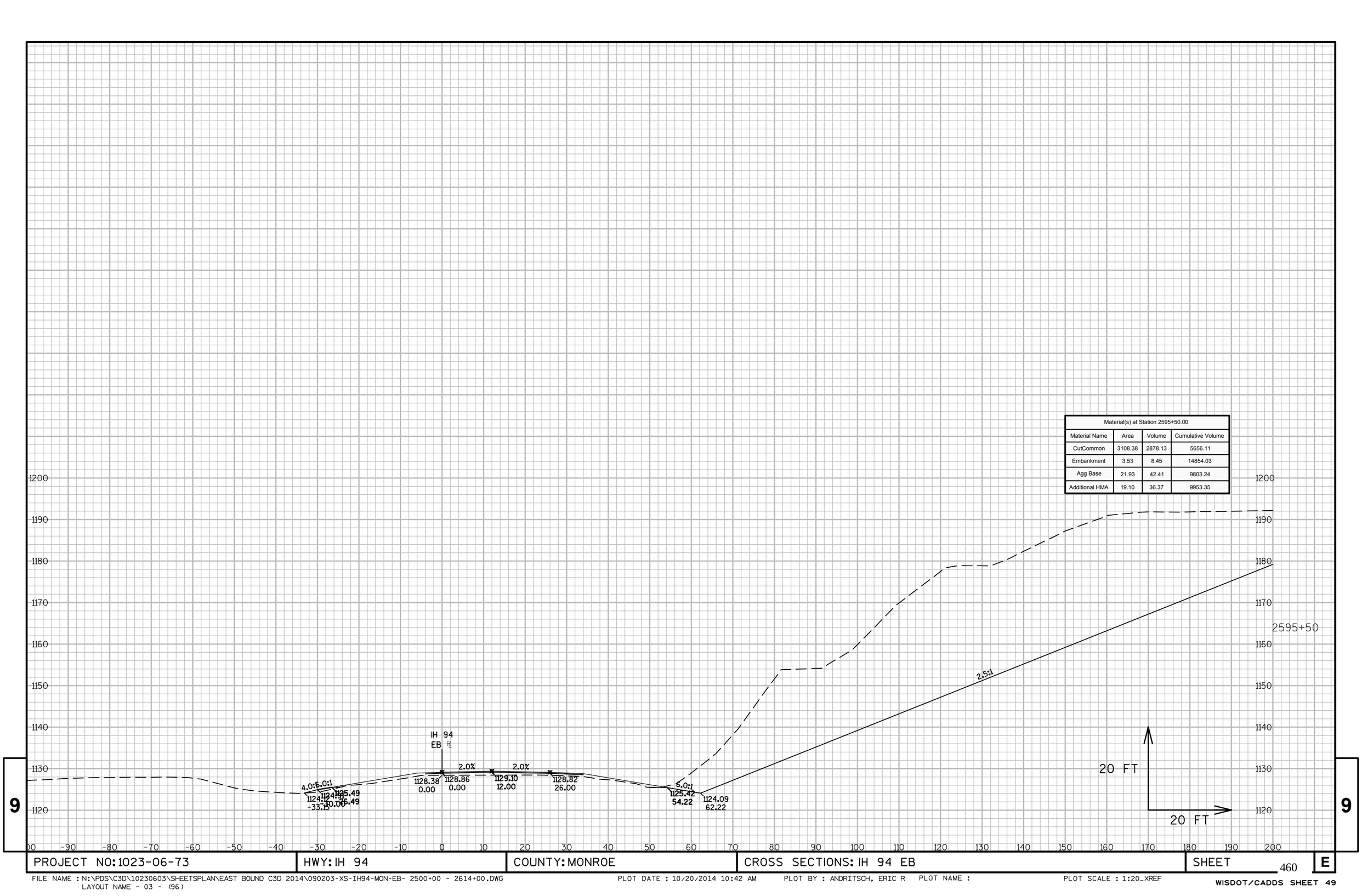
9

PROJECT NO:1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 459	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (95)

PLOT DATE : 10/20/2014 10:42 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2595+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	3108.38	2878.13	5656.11
Embankment	3.53	8.45	14854.03
Agg Base	21.93	42.41	9803.24
Additional HMA	19.10	36.37	9953.35



9

9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 460 | E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (96)

PLOT DATE : 10/20/2014 10:42 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2596+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	2839.77	5507.55	11163.66
Embankment	3.16	6.19	14860.22
Agg Base	10.58	30.10	9833.34
Additional HMA	19.26	35.51	9988.86

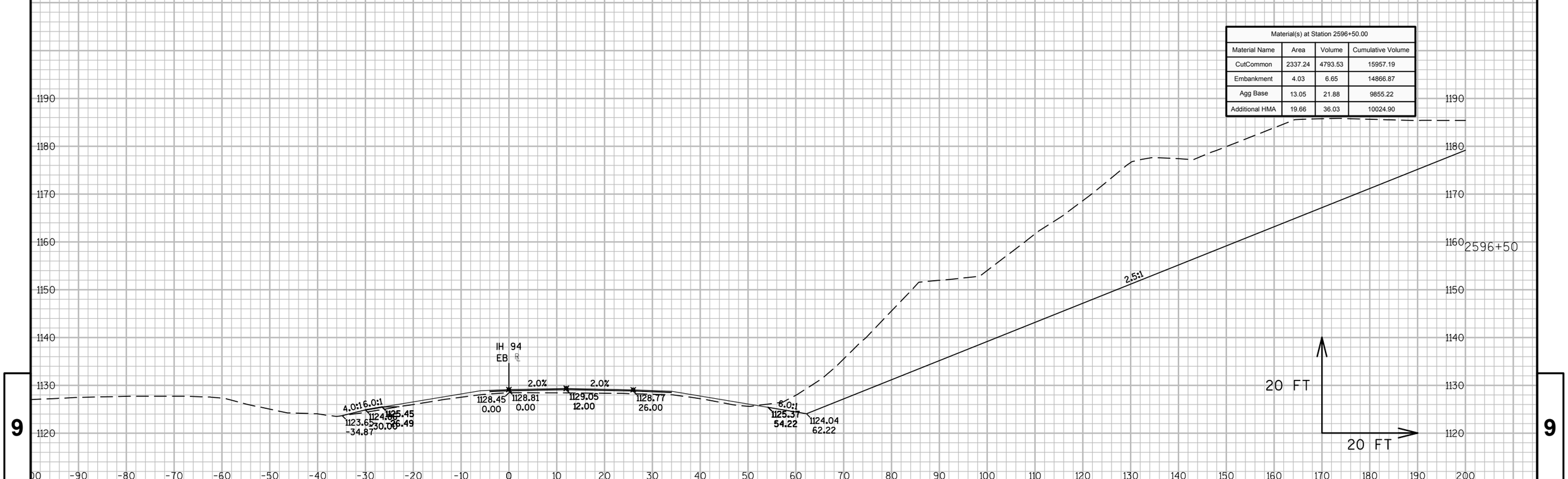


9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 461 E

Material(s) at Station 2596+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	2337.24	4793.53	15957.19
Embankment	4.03	6.65	14866.87
Agg Base	13.05	21.88	9855.22
Additional HMA	19.66	36.03	10024.90

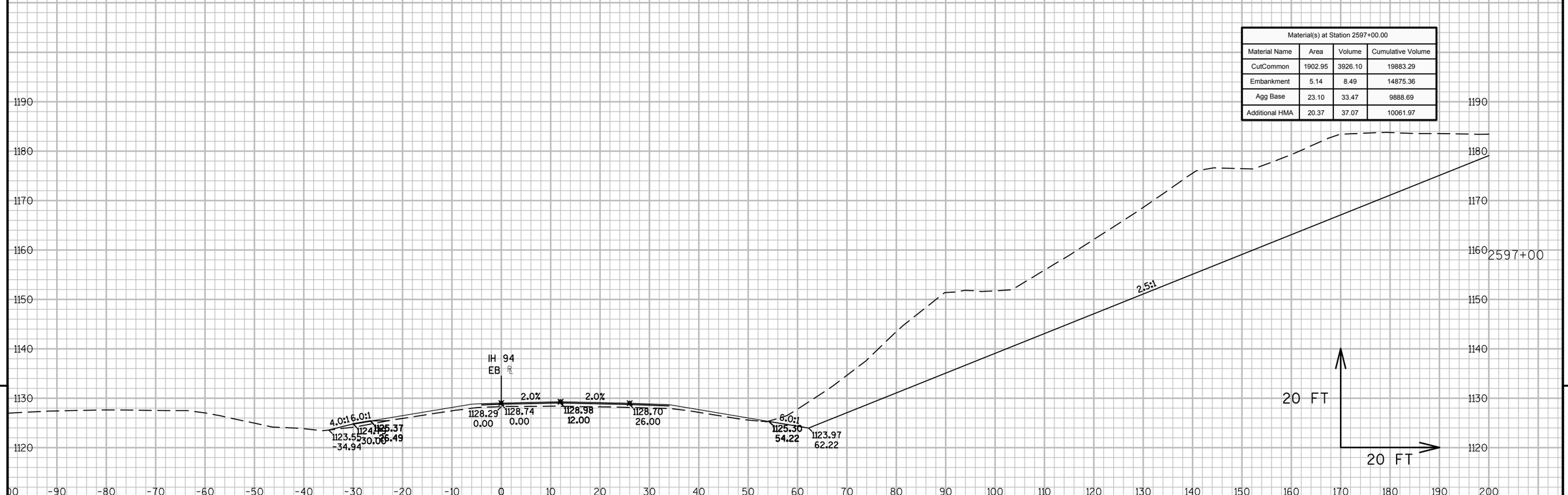


9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 462	E

Material(s) at Station 2597+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	1902.95	3926.10	19883.29
Embankment	5.14	8.49	14875.36
Agg Base	23.10	33.47	9888.69
Additional HMA	20.37	37.07	10061.97

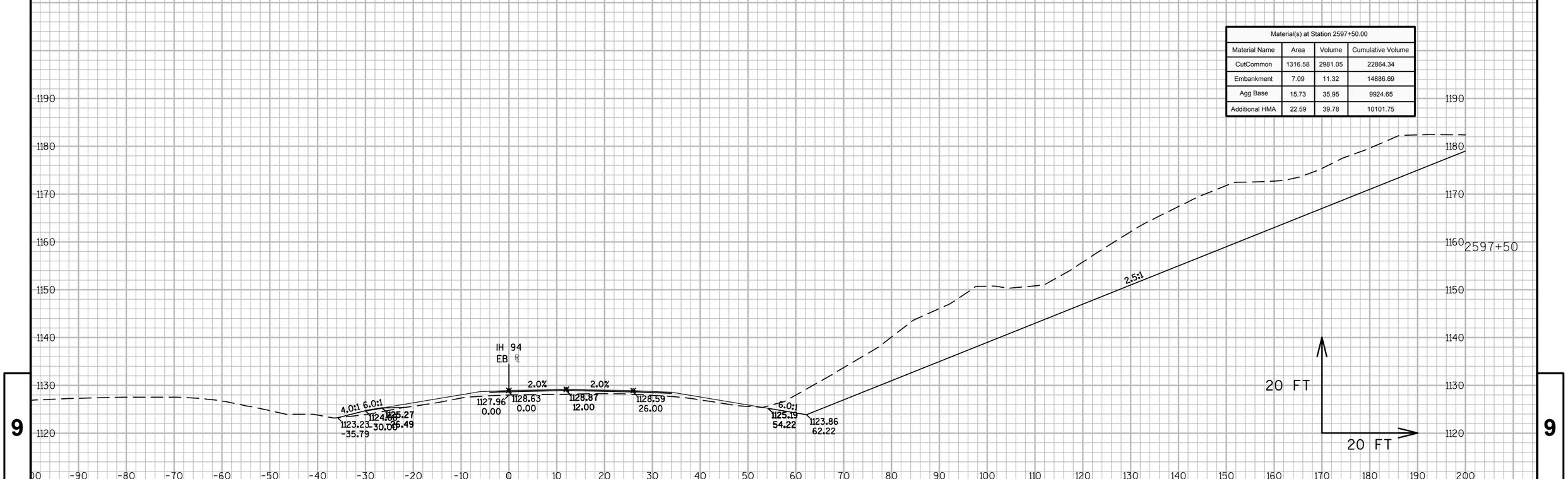


9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 463 E

Material(s) at Station 2597+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	1316.58	2981.05	22864.34
Embankment	7.09	11.32	14886.69
Agg Base	15.73	35.95	9924.65
Additional HMA	22.59	39.78	10101.75



9

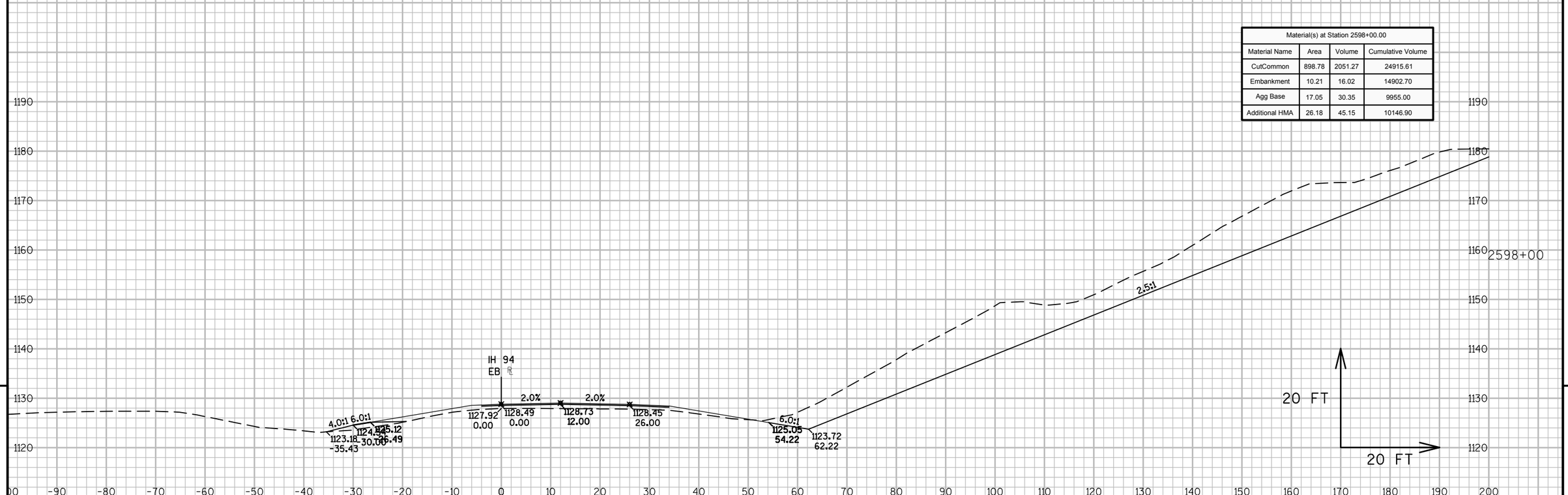
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 464	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (100)

PLOT DATE : 10/20/2014 10:42 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2598+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	898.78	2051.27	24915.61
Embankment	10.21	16.02	14902.70
Agg Base	17.05	30.35	9955.00
Additional HMA	26.18	45.15	10146.90



9

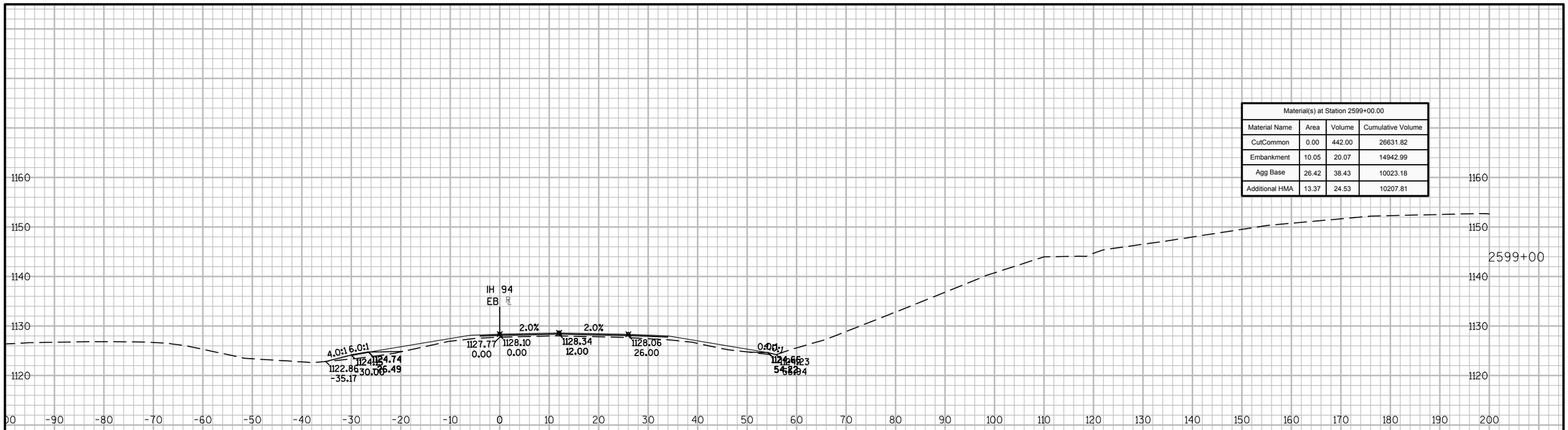
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 465	E

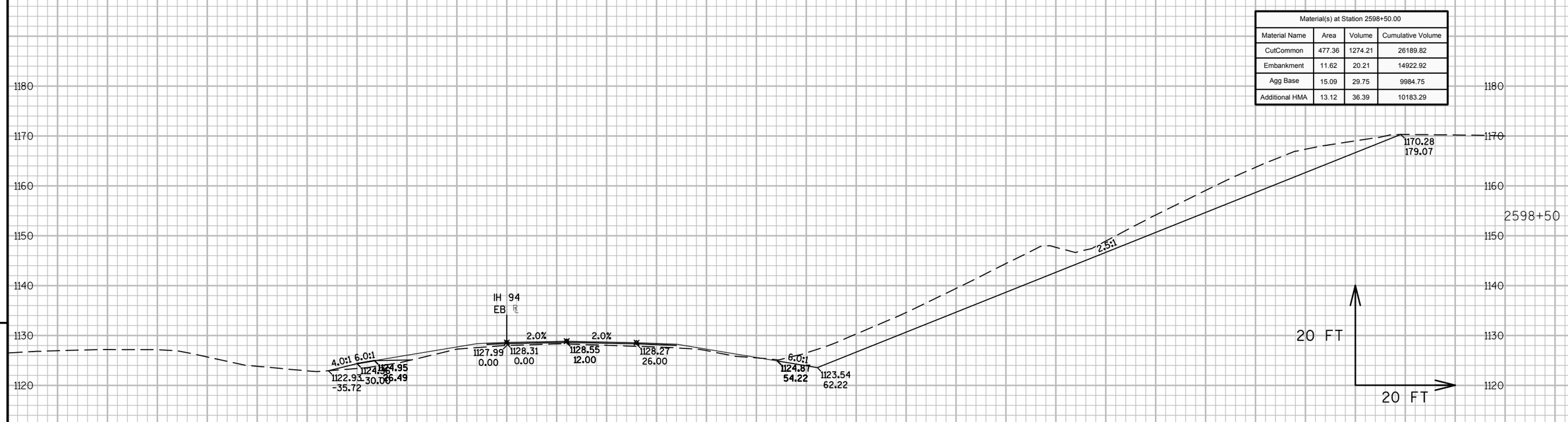
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (101)

PLOT DATE : 10/20/2014 10:43 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2599+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	442.00	26631.82
Embankment	10.05	20.07	14942.99
Agg Base	26.42	38.43	10023.18
Additional HMA	13.37	24.53	10207.81



Material(s) at Station 2598+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	477.36	1274.21	26189.82
Embankment	11.62	20.21	14922.92
Agg Base	15.09	29.75	9984.75
Additional HMA	13.12	36.39	10183.29



9

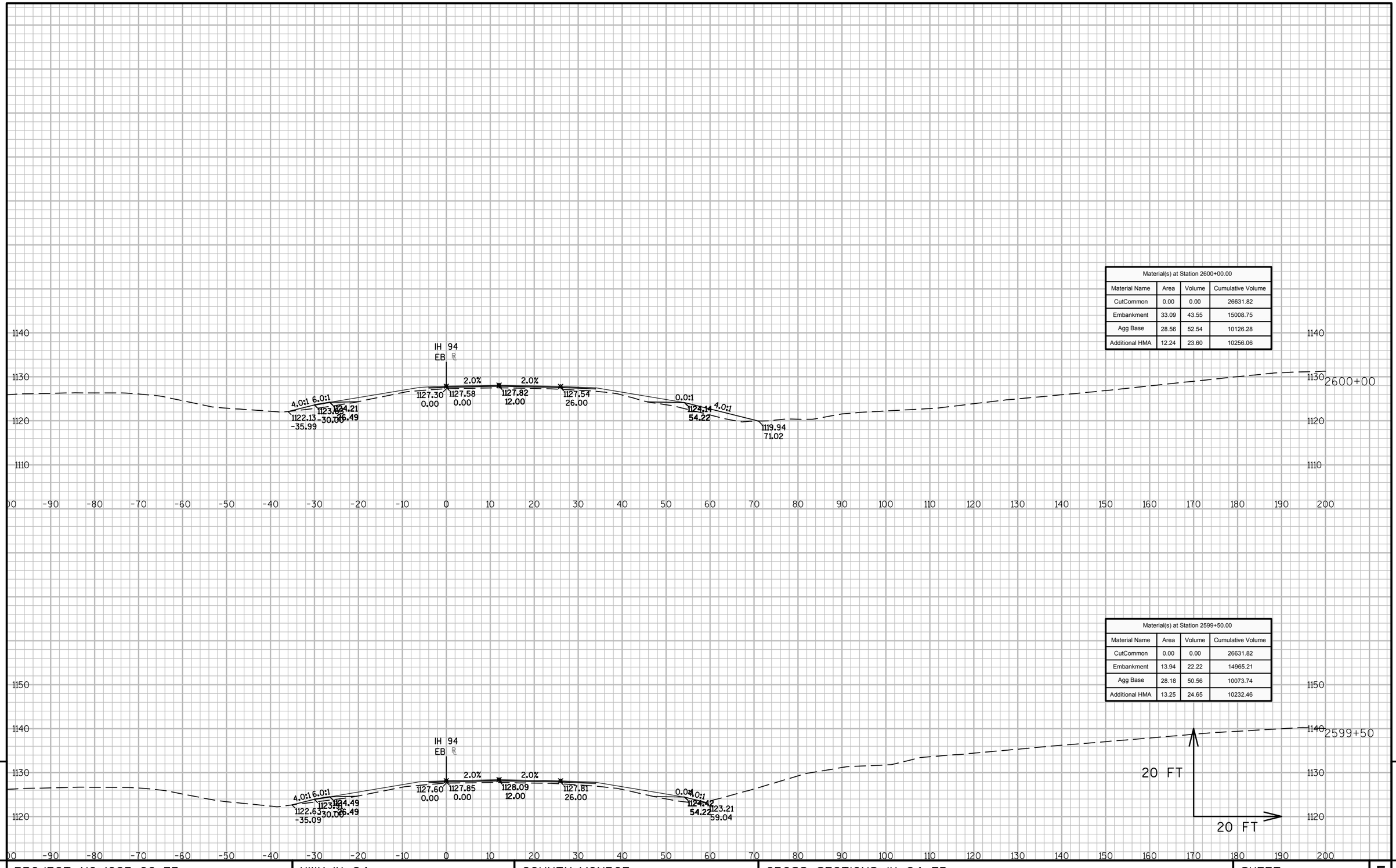
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 466	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (102)

PLOT DATE : 10/20/2014 10:43 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2600+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	26631.82
Embankment	33.09	43.55	15008.75
Agg Base	28.56	52.54	10126.28
Additional HMA	12.24	23.60	10256.06

Material(s) at Station 2599+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	26631.82
Embankment	13.94	22.22	14965.21
Agg Base	28.18	50.56	10073.74
Additional HMA	13.25	24.65	10232.46

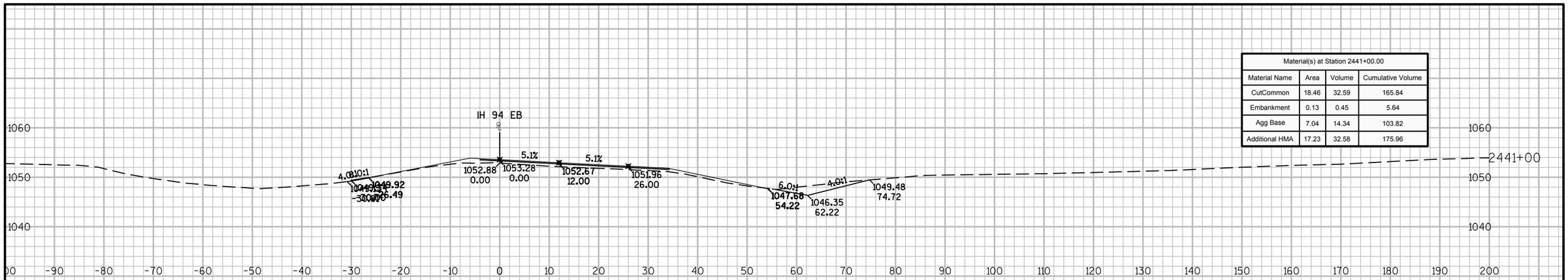
9

9

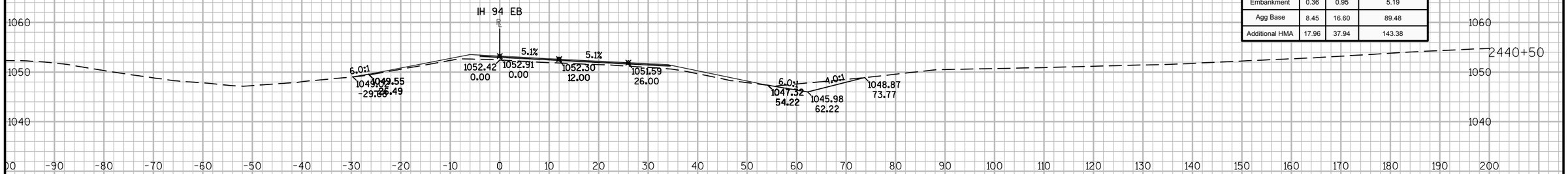
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 467	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-MON-EB- 2500+00 - 2614+00.DWG
LAYOUT NAME - 03 - (103)

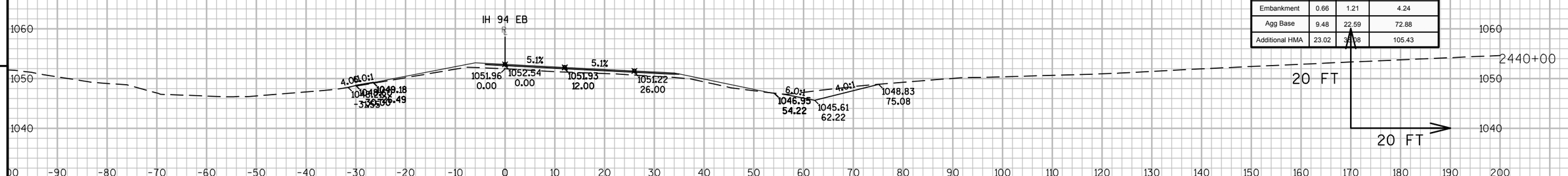
PLOT DATE : 10/20/2014 10:43 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2441+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	18.46	32.59	165.84
Embankment	0.13	0.45	5.64
Agg Base	7.04	14.34	103.82
Additional HMA	17.23	32.58	175.96



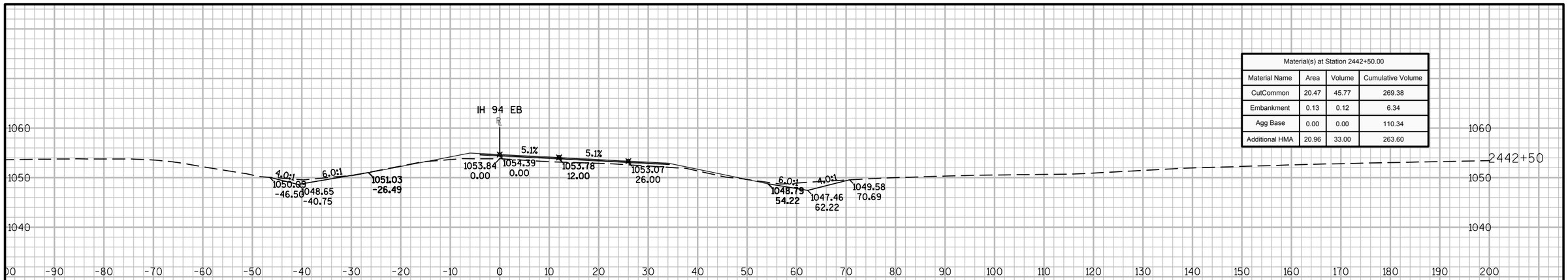
Material(s) at Station 2440+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	16.73	32.42	133.25
Embankment	0.36	0.95	5.19
Agg Base	8.45	16.60	89.48
Additional HMA	17.96	37.94	143.38



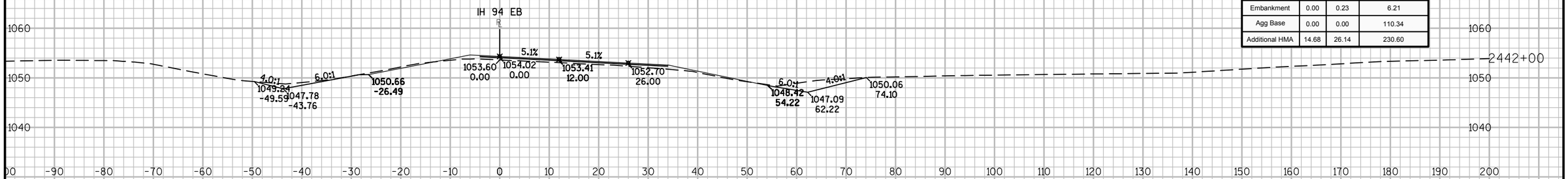
Material(s) at Station 2440+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	18.28	33.42	100.84
Embankment	0.66	1.21	4.24
Agg Base	9.48	22.59	72.88
Additional HMA	23.02	38.08	105.43

9 9

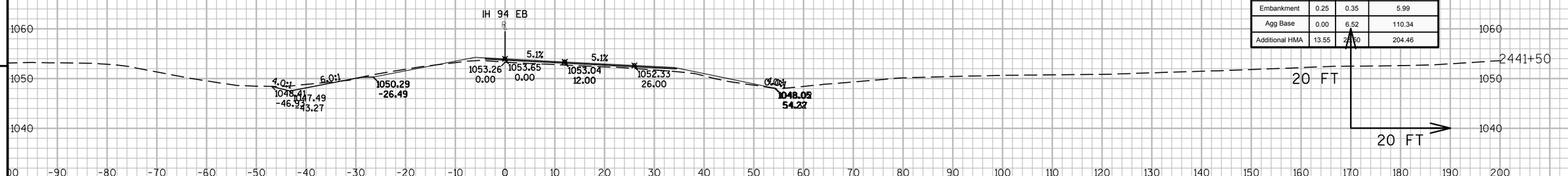
PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 468 E



Material(s) at Station 2442+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	20.47	45.77	269.38
Embankment	0.13	0.12	6.34
Agg Base	0.00	0.00	110.34
Additional HMA	20.96	33.00	263.60



Material(s) at Station 2442+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	28.96	33.75	223.61
Embankment	0.00	0.23	6.21
Agg Base	0.00	0.00	110.34
Additional HMA	14.68	26.14	230.60



Material(s) at Station 2441+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	7.48	24.02	189.86
Embankment	0.25	0.35	5.99
Agg Base	0.00	6.52	110.34
Additional HMA	13.55	28.60	204.46

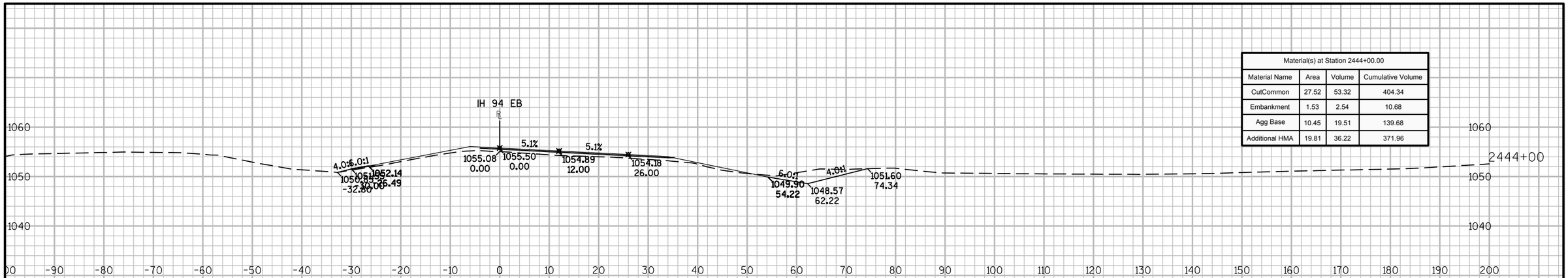
9

9

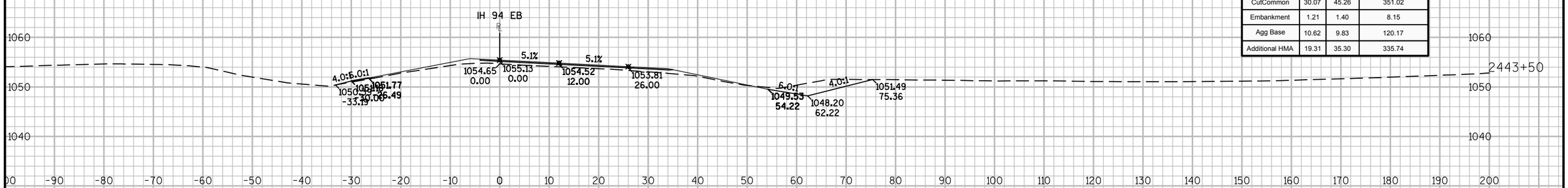
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 469	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (3)

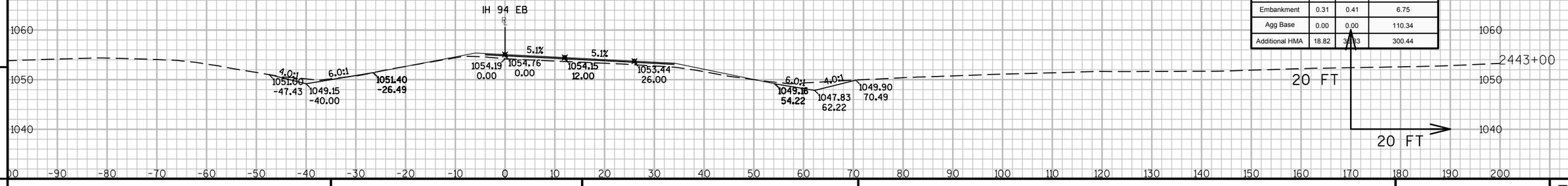
PLOT DATE : 10/20/2014 10:49 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2444+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	27.52	53.32	404.34
Embankment	1.53	2.54	10.68
Agg Base	10.45	19.51	139.68
Additional HMA	19.81	36.22	371.96



Material(s) at Station 2443+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	30.07	45.26	351.02
Embankment	1.21	1.40	8.15
Agg Base	10.62	9.83	120.17
Additional HMA	19.31	35.30	335.74



Material(s) at Station 2443+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	18.81	36.37	305.76
Embankment	0.31	0.41	6.75
Agg Base	0.00	0.00	110.34
Additional HMA	18.82	36.83	300.44

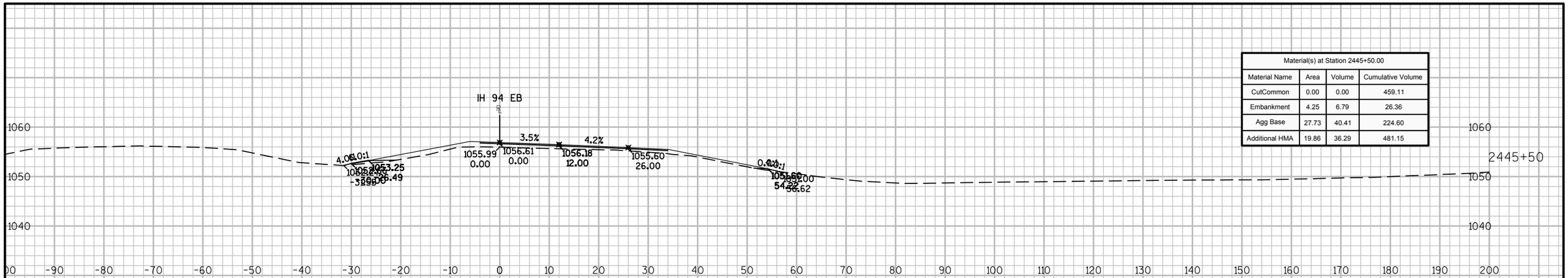
9

9

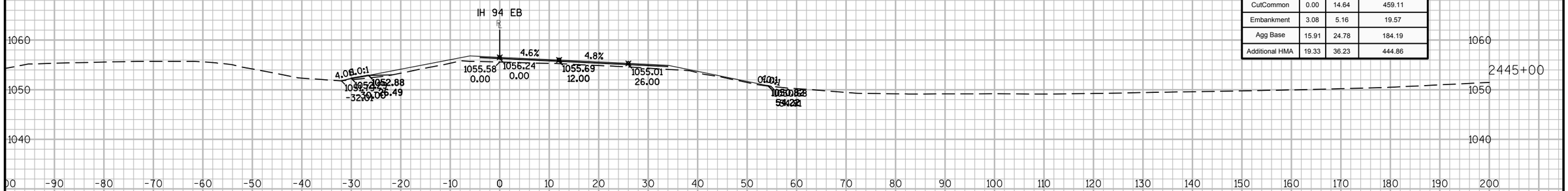
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 470	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (4)

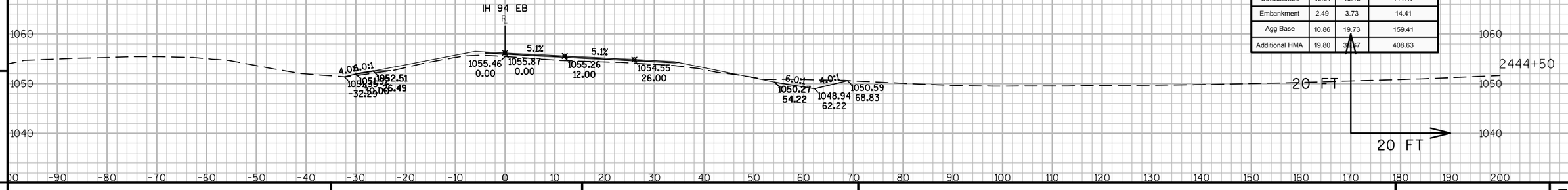
PLOT DATE : 10/20/2014 10:49 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2445+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	459.11
Embankment	4.25	6.79	26.36
Agg Base	27.73	40.41	224.60
Additional HMA	19.86	36.29	481.15



Material(s) at Station 2445+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	14.64	459.11
Embankment	3.08	5.16	19.57
Agg Base	15.91	24.78	184.19
Additional HMA	19.33	36.23	444.86



Material(s) at Station 2444+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	15.81	40.13	444.47
Embankment	2.49	3.73	14.41
Agg Base	10.86	19.73	159.41
Additional HMA	19.80	38.67	408.63

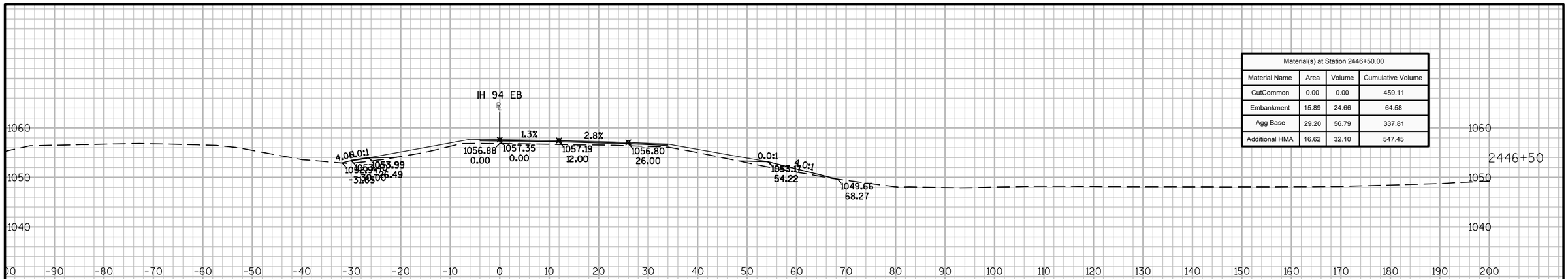
9

9

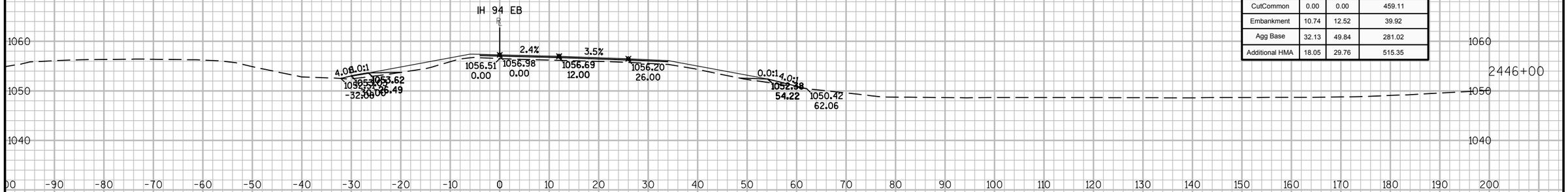
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 471	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (5)

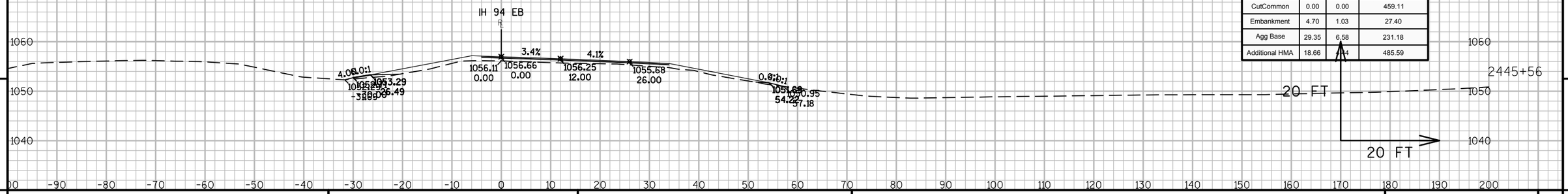
PLOT DATE : 10/20/2014 10:49 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2446+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	459.11
Embankment	15.89	24.66	64.58
Agg Base	29.20	56.79	337.81
Additional HMA	16.62	32.10	547.45



Material(s) at Station 2446+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	459.11
Embankment	10.74	12.52	39.92
Agg Base	32.13	49.84	281.02
Additional HMA	18.05	29.76	515.35



Material(s) at Station 2445+56.22			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	459.11
Embankment	4.70	1.03	27.40
Agg Base	29.35	6.58	231.18
Additional HMA	18.66	4.14	485.59

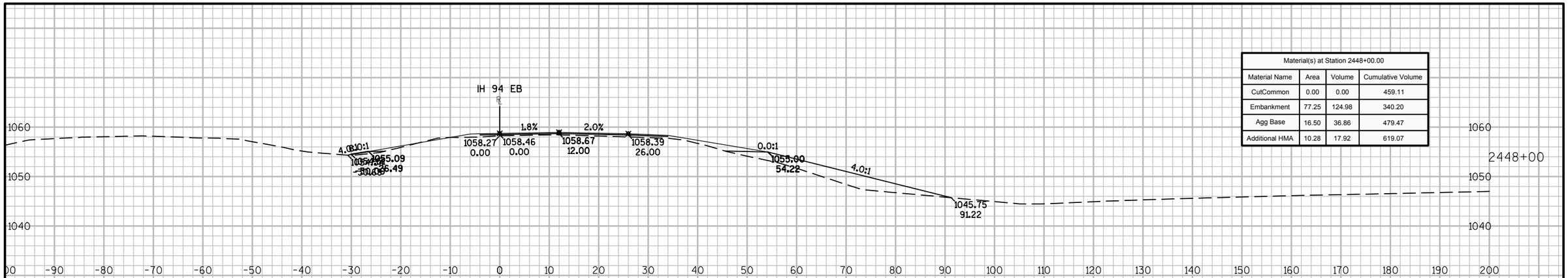
9

9

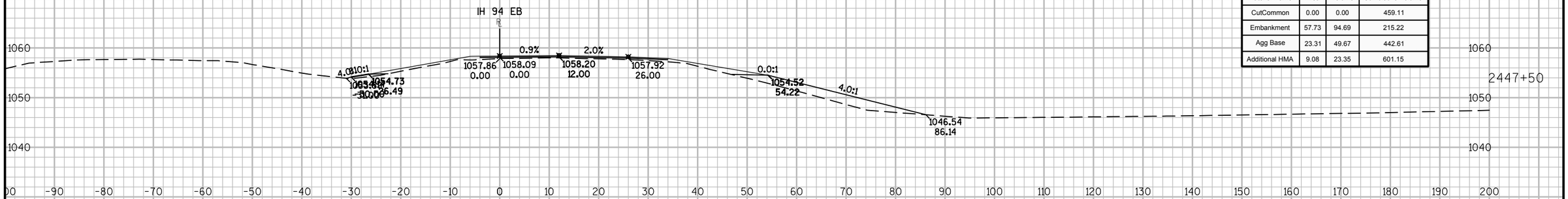
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 472	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (6)

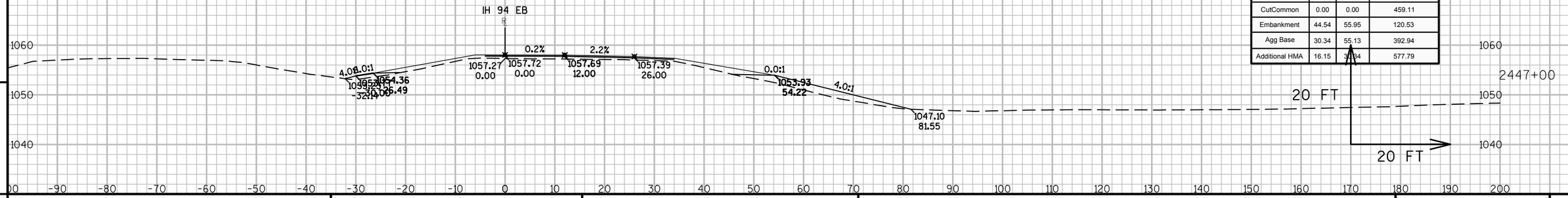
PLOT DATE : 10/20/2014 10:50 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2448+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	459.11
Embankment	77.25	124.98	340.20
Agg Base	16.50	36.86	479.47
Additional HMA	10.28	17.92	619.07



Material(s) at Station 2447+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	459.11
Embankment	57.73	94.69	215.22
Agg Base	23.31	49.67	442.61
Additional HMA	9.08	23.35	601.15



Material(s) at Station 2447+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	459.11
Embankment	44.54	55.95	120.53
Agg Base	30.34	55.13	392.94
Additional HMA	16.15	30.84	577.79

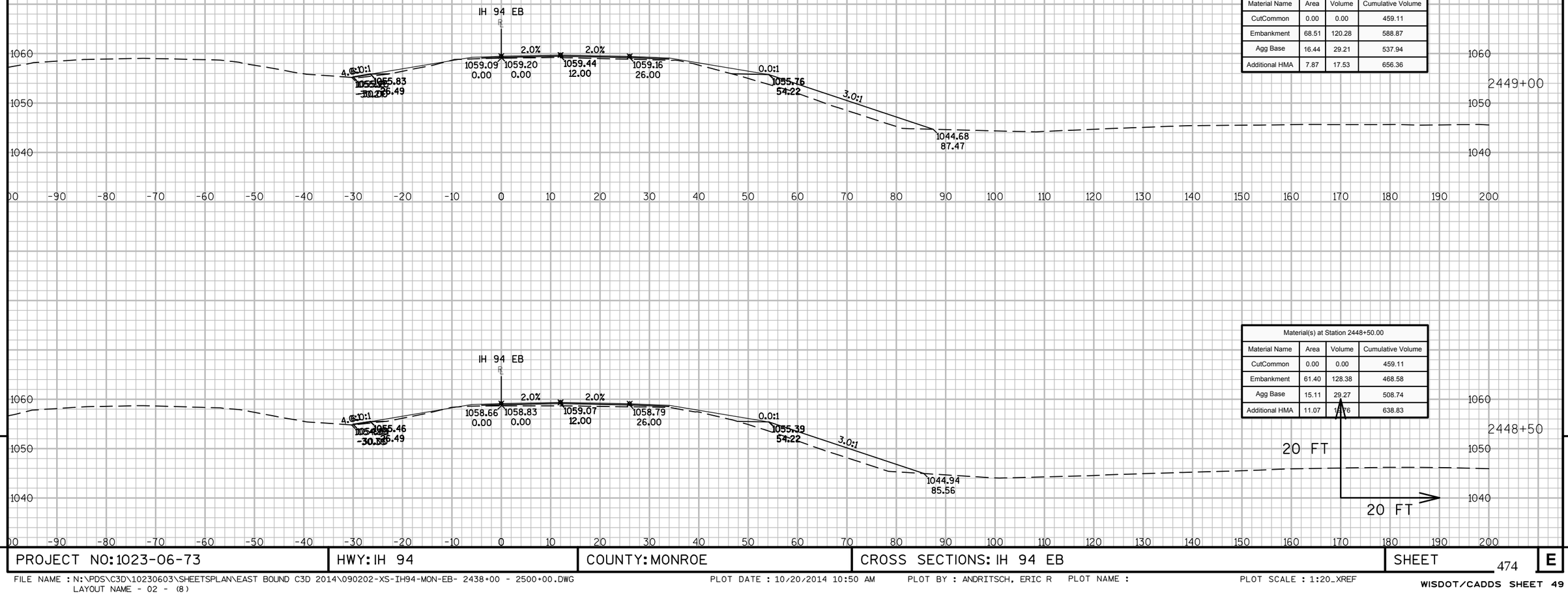
9

9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 473 | E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (7)

PLOT DATE : 10/20/2014 10:50 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2449+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	459.11
Embankment	68.51	120.28	588.87
Agg Base	16.44	29.21	537.94
Additional HMA	7.87	17.53	656.36

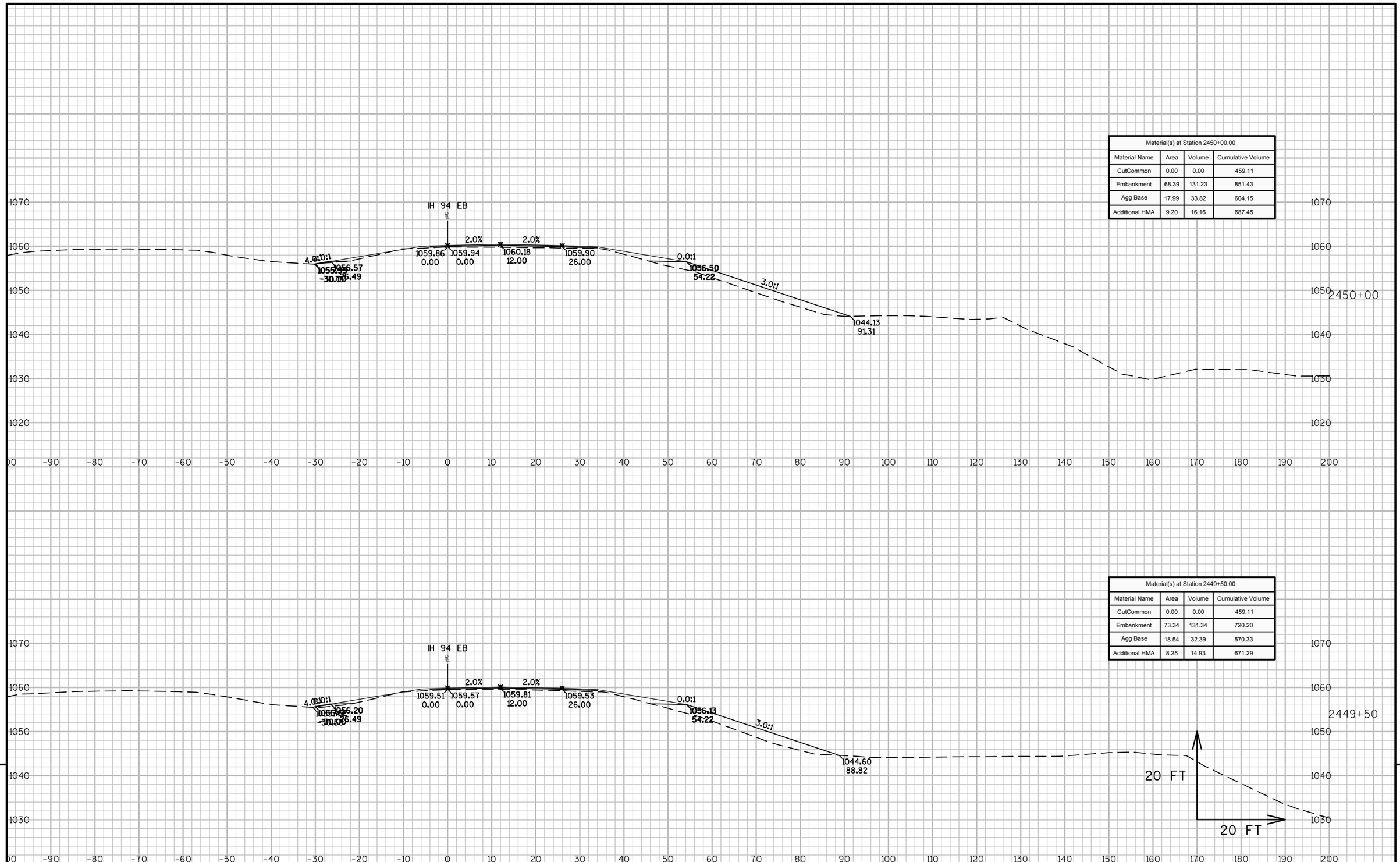
Material(s) at Station 2448+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	459.11
Embankment	61.40	128.38	468.58
Agg Base	15.11	29.27	508.74
Additional HMA	11.07	18.76	638.83

9 9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 474 | E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (8)

PLOT DATE : 10/20/2014 10:50 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2450+00.00

Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	459.11
Embankment	68.39	131.23	851.43
Agg Base	17.99	33.82	604.15
Additional HMA	9.20	16.16	687.45

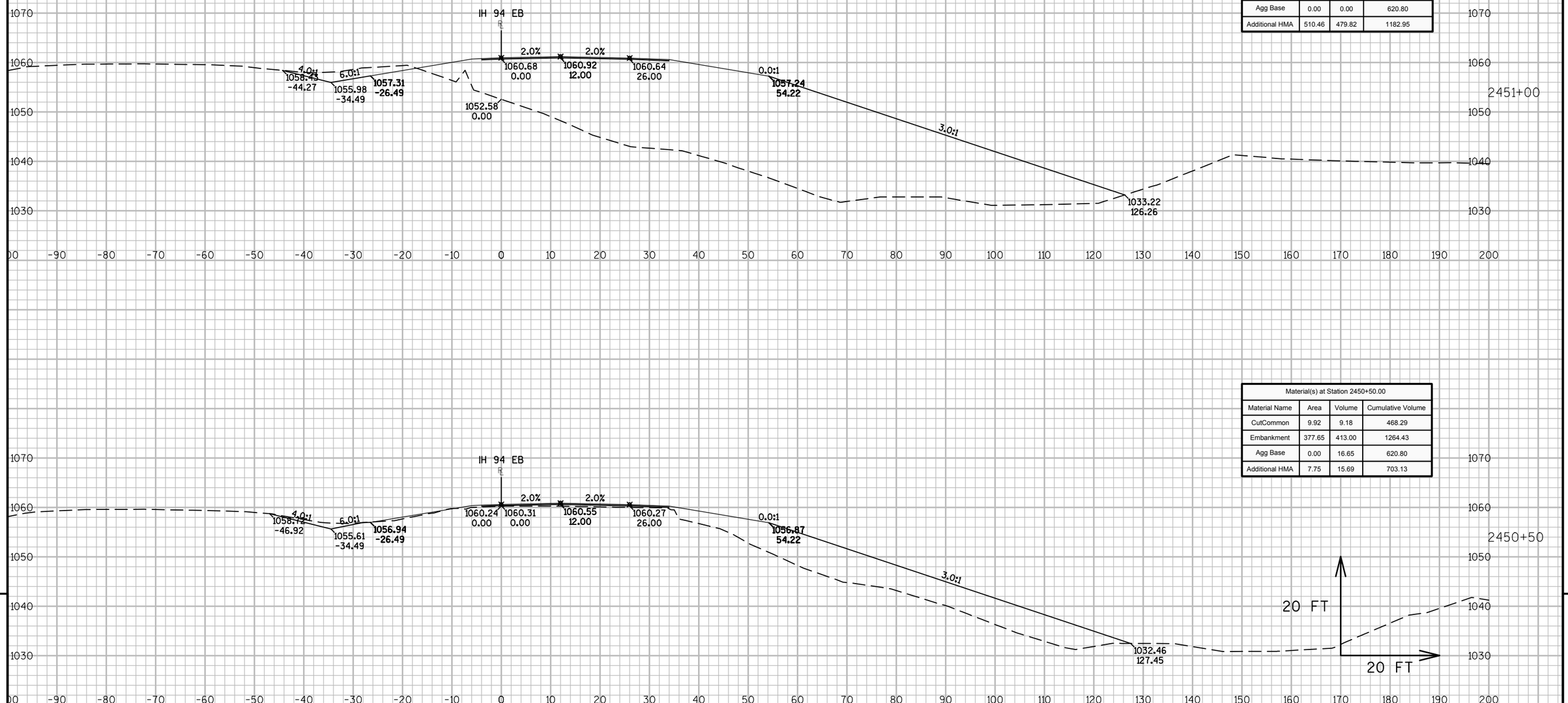
Material(s) at Station 2449+50.00

Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	459.11
Embankment	73.34	131.34	720.20
Agg Base	18.54	32.39	570.33
Additional HMA	8.25	14.93	671.29

9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 475	E



Material(s) at Station 2451+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	23.85	31.27	499.56
Embankment	925.29	1206.43	2470.86
Agg Base	0.00	0.00	620.80
Additional HMA	510.46	479.82	1182.95

Material(s) at Station 2450+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	9.92	9.18	468.29
Embankment	377.65	413.00	1264.43
Agg Base	0.00	16.65	620.80
Additional HMA	7.75	15.69	703.13

9

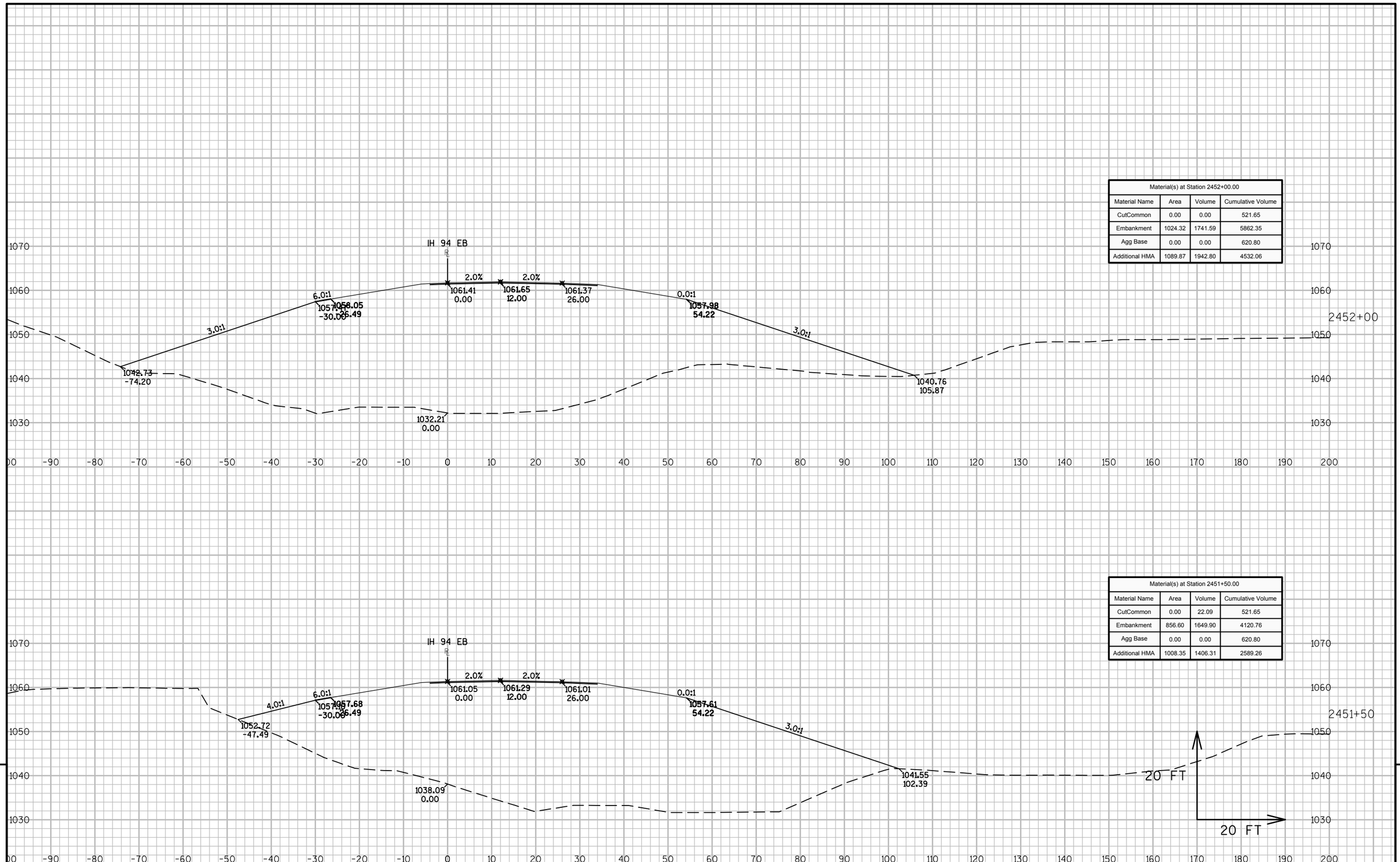
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 476	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (10)

PLOT DATE : 10/20/2014 10:50 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2452+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	521.65
Embankment	1024.32	1741.59	5862.35
Agg Base	0.00	0.00	620.80
Additional HMA	1089.87	1942.80	4532.06

Material(s) at Station 2451+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	22.09	521.65
Embankment	856.60	1649.90	4120.76
Agg Base	0.00	0.00	620.80
Additional HMA	1008.35	1406.31	2589.26

9

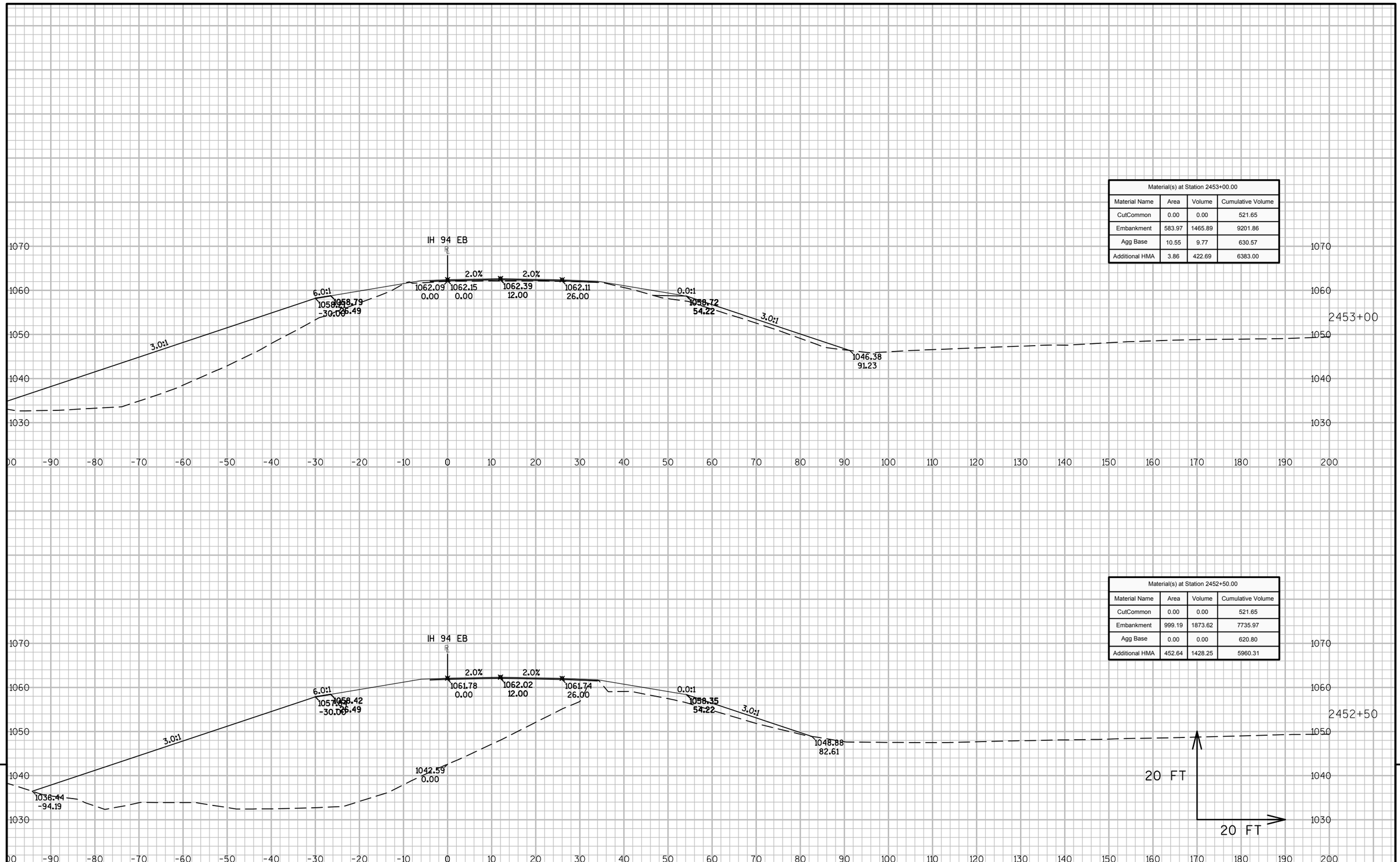
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 477	E

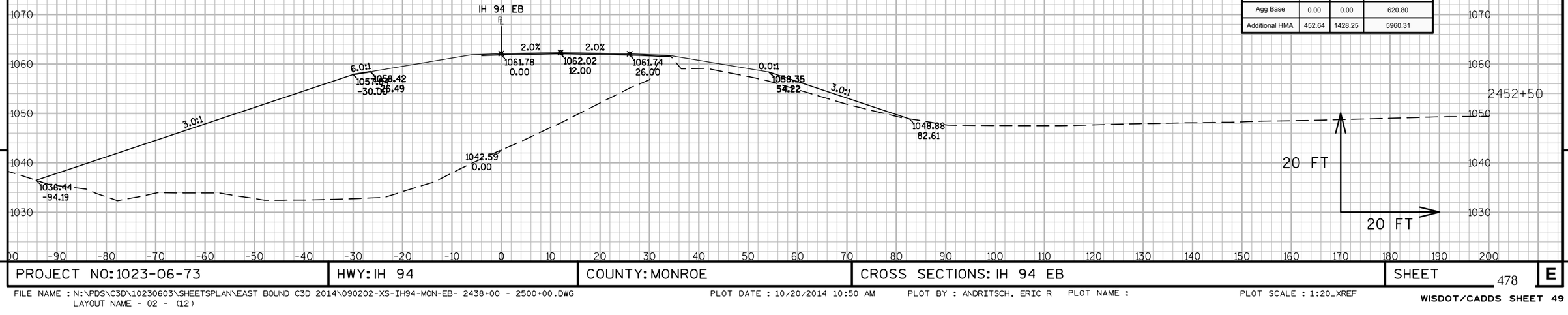
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (11)

PLOT DATE : 10/20/2014 10:50 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2453+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	521.65
Embankment	583.97	1465.89	9201.86
Agg Base	10.55	9.77	630.57
Additional HMA	3.86	422.69	6383.00

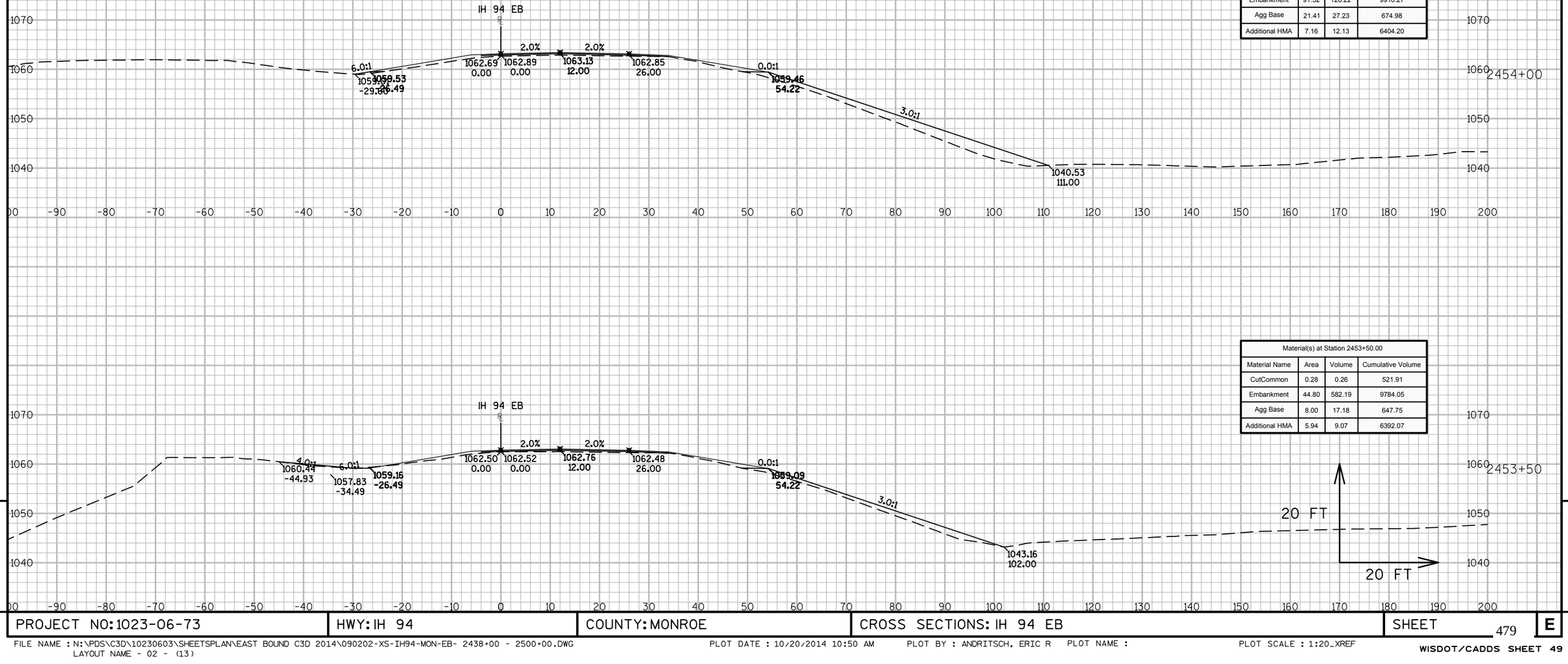


Material(s) at Station 2452+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	521.65
Embankment	999.19	1873.62	7735.97
Agg Base	0.00	0.00	620.80
Additional HMA	452.64	1428.25	5960.31

9 9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 478 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (12)
PLOT DATE : 10/20/2014 10:50 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2454+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.26	522.16
Embankment	91.52	126.22	9910.27
Agg Base	21.41	27.23	674.98
Additional HMA	7.16	12.13	6404.20

Material(s) at Station 2453+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.28	0.26	521.91
Embankment	44.80	582.19	9784.05
Agg Base	8.00	17.18	647.75
Additional HMA	5.94	9.07	6392.07

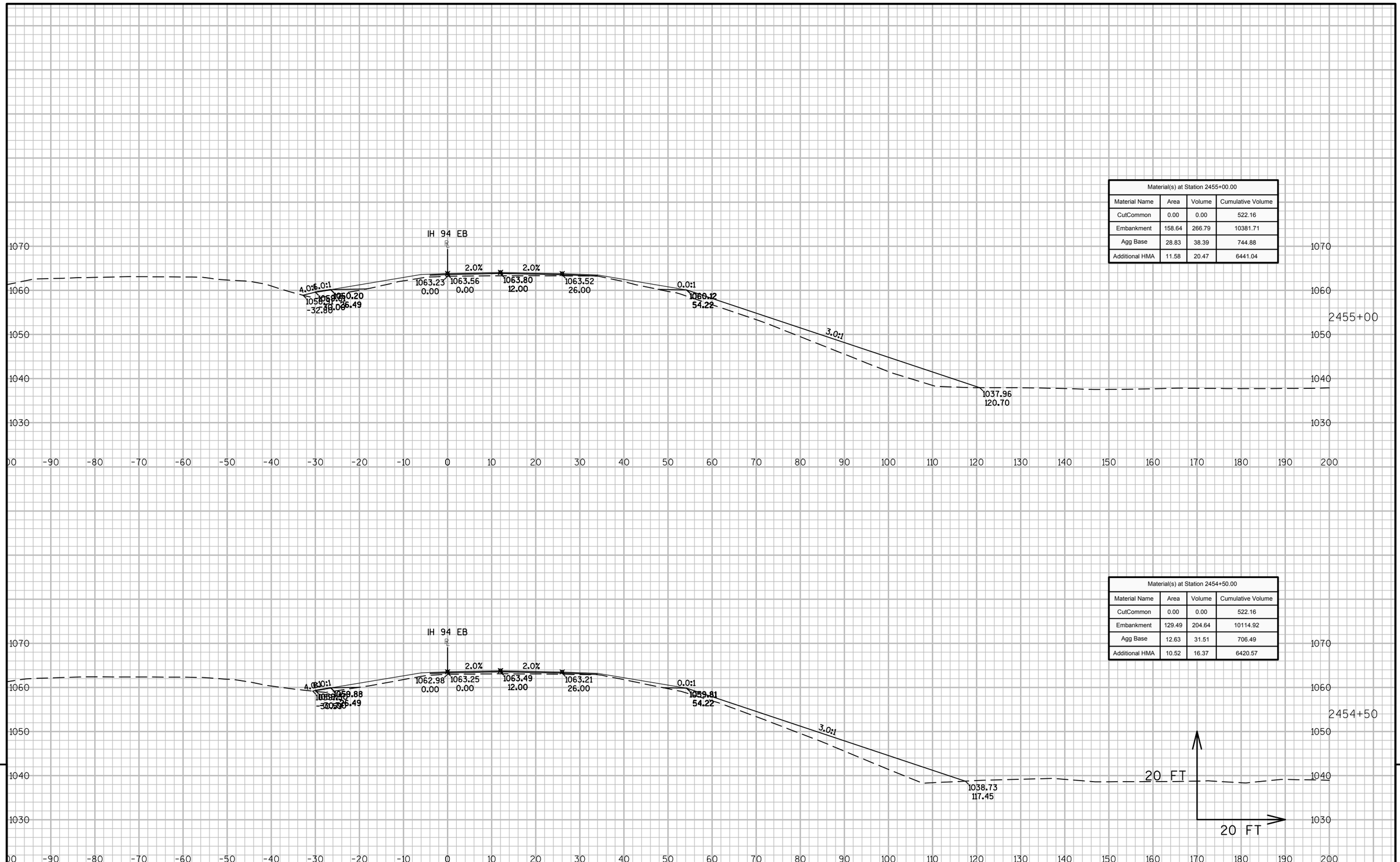
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 479	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (13)

PLOT DATE : 10/20/2014 10:50 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



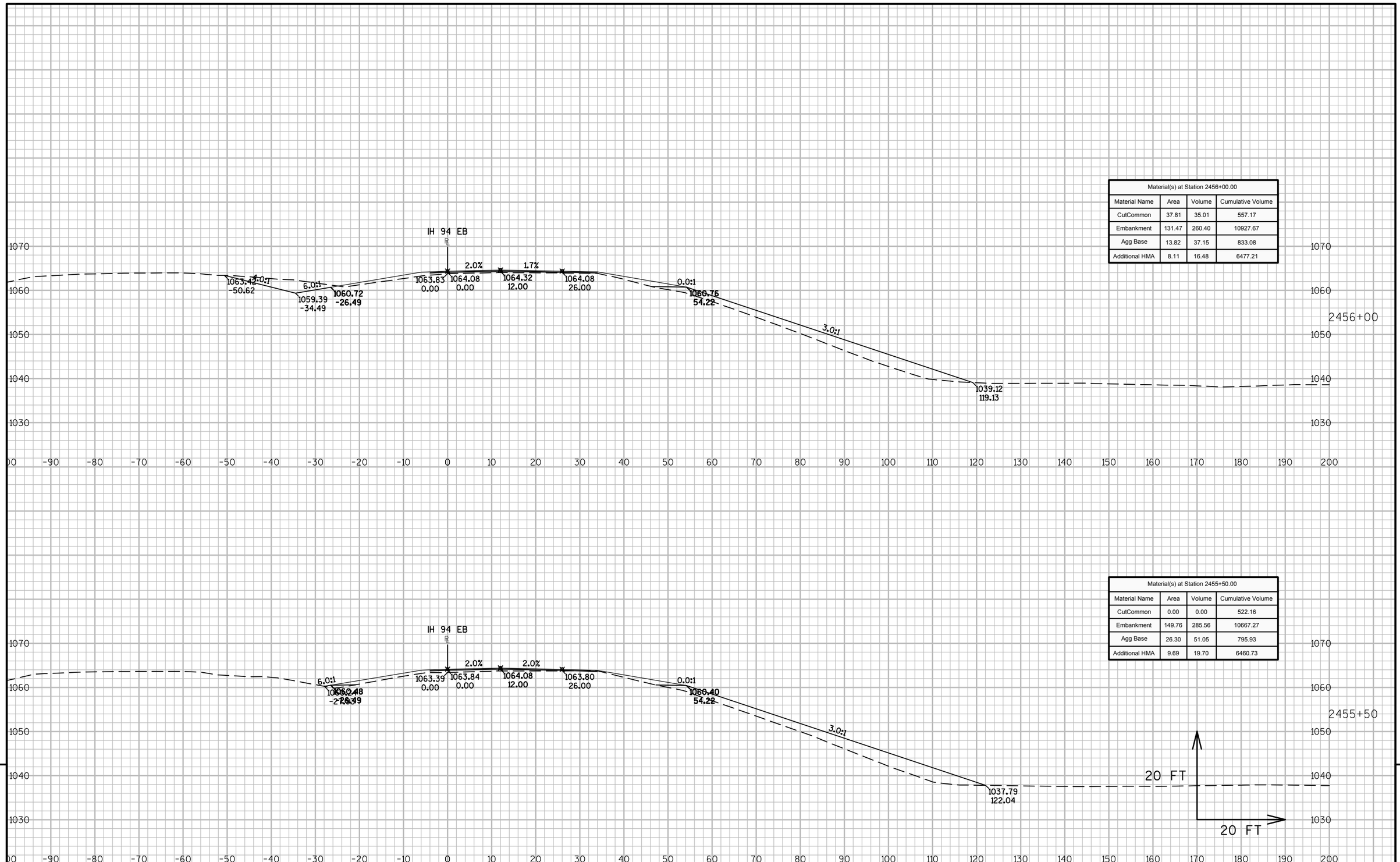
Material(s) at Station 2455+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	522.16
Embankment	158.64	266.79	10381.71
Agg Base	28.83	38.39	744.88
Additional HMA	11.58	20.47	6441.04

Material(s) at Station 2454+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	522.16
Embankment	129.49	204.64	10114.92
Agg Base	12.63	31.51	706.49
Additional HMA	10.52	16.37	6420.57

9 9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 480 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (14)
PLOT DATE : 10/20/2014 10:50 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2456+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	37.81	35.01	557.17
Embankment	131.47	260.40	10927.67
Agg Base	13.82	37.15	833.08
Additional HMA	8.11	16.48	6477.21

Material(s) at Station 2455+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	522.16
Embankment	149.76	285.56	10667.27
Agg Base	26.30	51.05	795.93
Additional HMA	9.69	19.70	6460.73

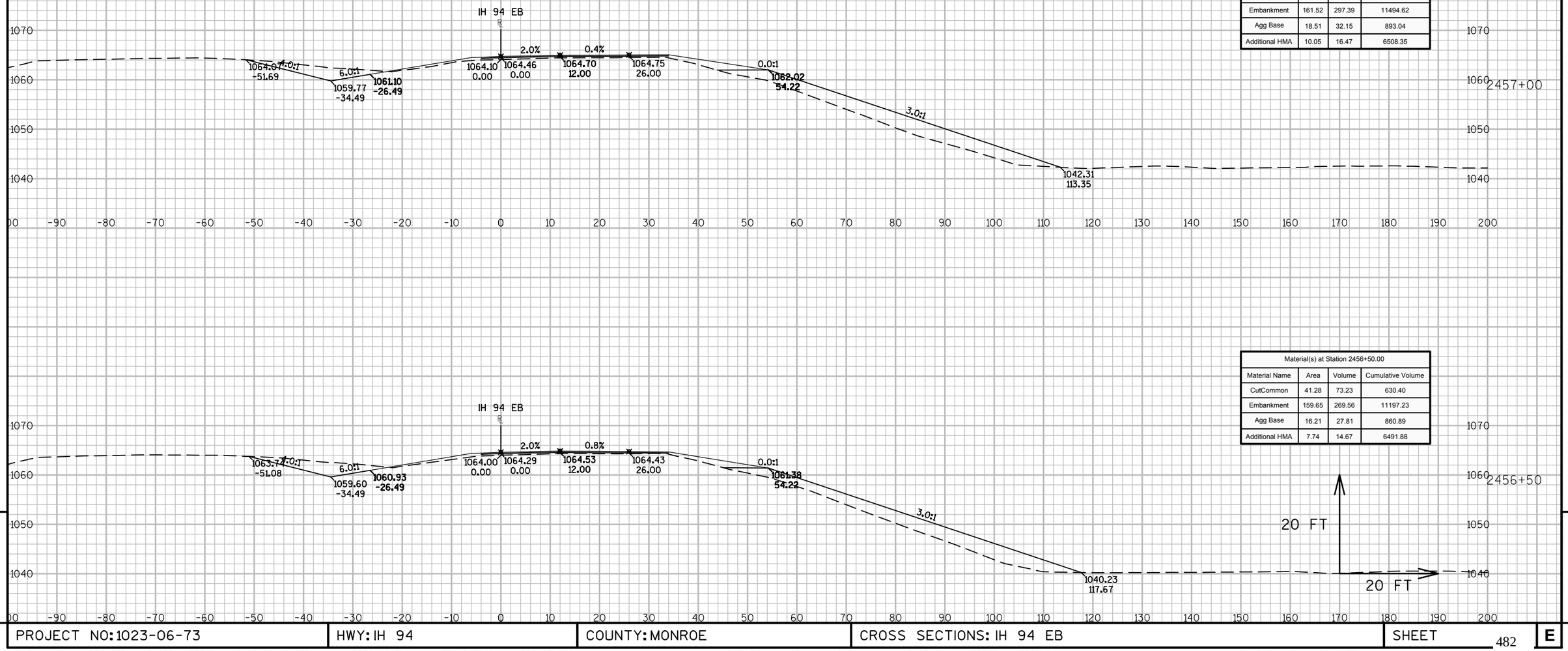
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 481	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (15)

PLOT DATE : 10/20/2014 10:50 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2457+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	38.43	73.81	704.21
Embankment	161.52	297.39	11494.62
Agg Base	18.51	32.15	893.04
Additional HMA	10.05	16.47	6508.35

Material(s) at Station 2456+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	41.28	73.23	630.40
Embankment	159.65	269.56	11197.23
Agg Base	16.21	27.81	860.89
Additional HMA	7.74	14.67	6491.88

9

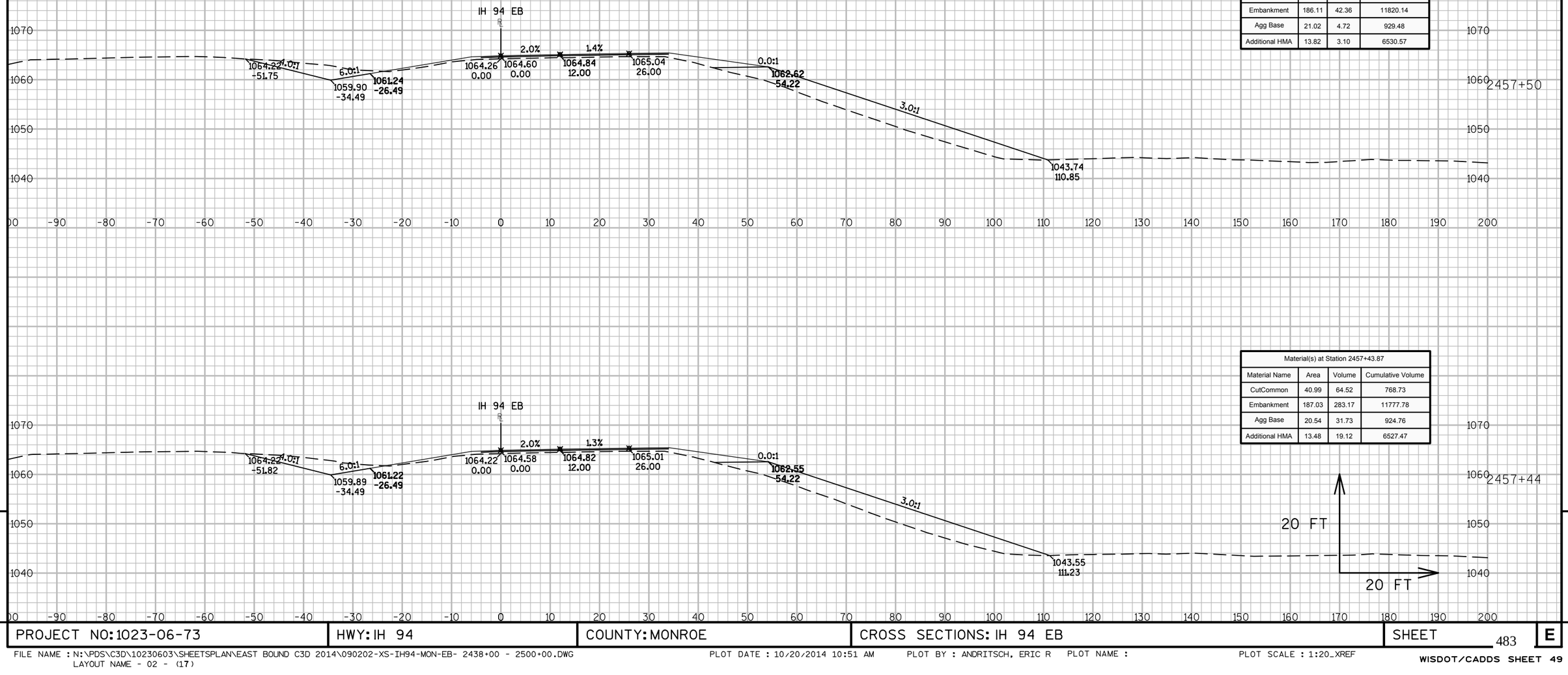
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 482	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (16)

PLOT DATE : 10/20/2014 10:51 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2457+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	40.07	9.20	777.93
Embankment	186.11	42.36	11820.14
Agg Base	21.02	4.72	929.48
Additional HMA	13.82	3.10	6530.57

Material(s) at Station 2457+43.87			
Material Name	Area	Volume	Cumulative Volume
CutCommon	40.99	64.52	768.73
Embankment	187.03	283.17	11777.78
Agg Base	20.54	31.73	924.76
Additional HMA	13.48	19.12	6527.47

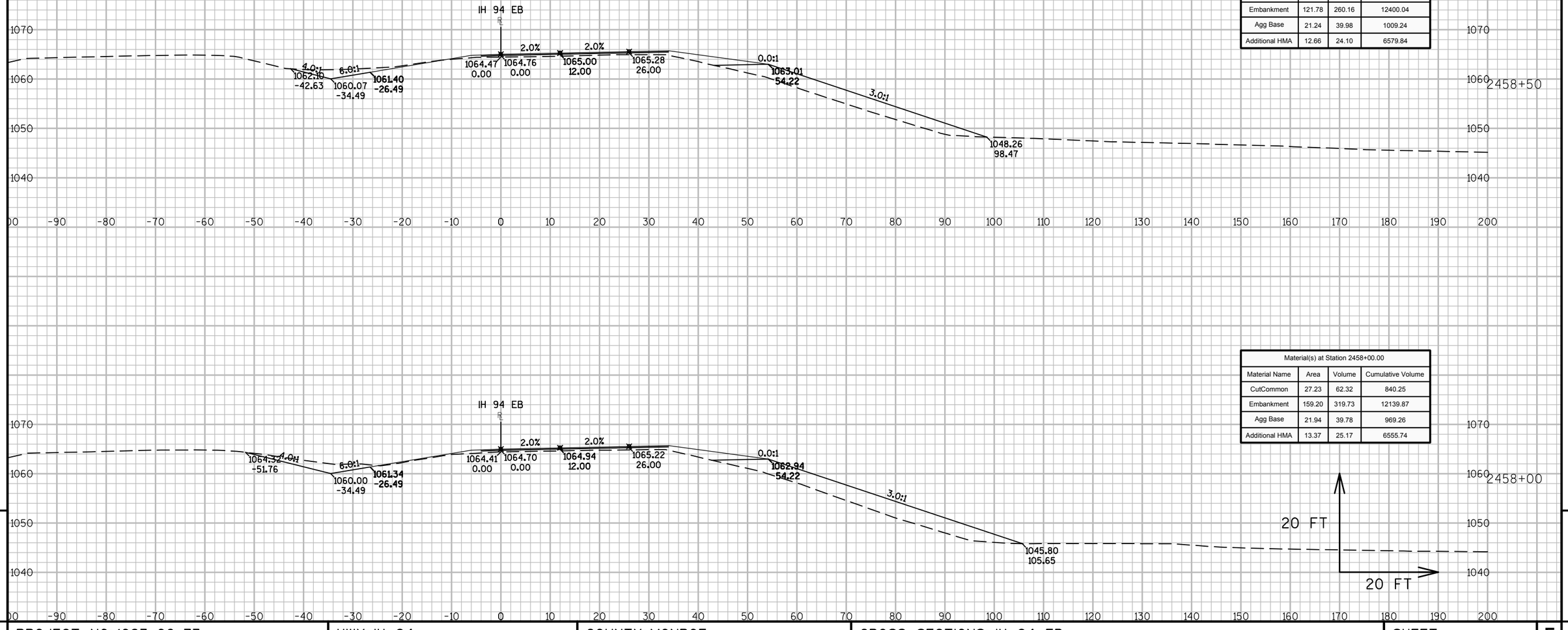
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 483	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (17)

PLOT DATE : 10/20/2014 10:51 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2458+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	17.32	41.25	881.50
Embankment	121.78	260.16	12400.04
Agg Base	21.24	39.98	1009.24
Additional HMA	12.66	24.10	6579.84

Material(s) at Station 2458+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	27.23	62.32	840.25
Embankment	159.20	319.73	12139.87
Agg Base	21.94	39.78	969.26
Additional HMA	13.37	25.17	6555.74

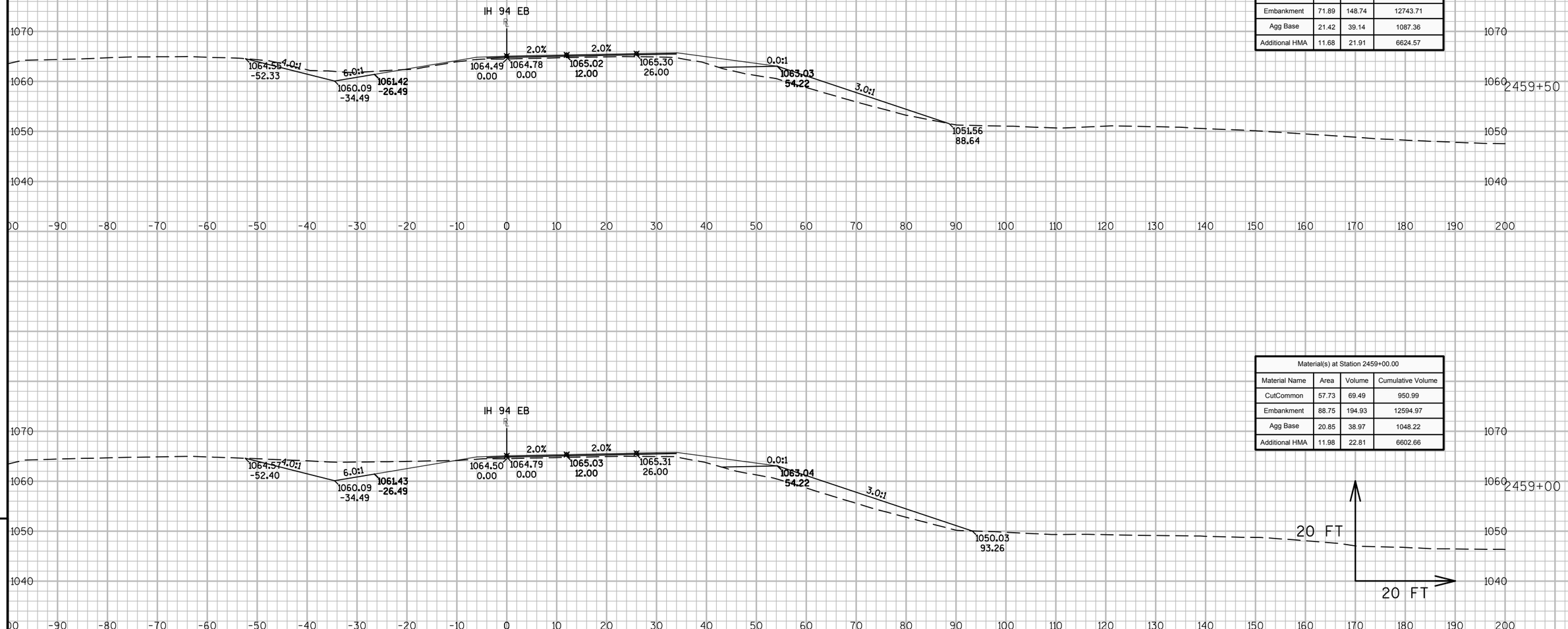
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 484	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (18)

PLOT DATE : 10/20/2014 10:51 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2459+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	24.81	76.42	1027.41
Embankment	71.89	148.74	12743.71
Agg Base	21.42	39.14	1087.36
Additional HMA	11.68	21.91	6624.57

Material(s) at Station 2459+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	57.73	69.49	950.99
Embankment	88.75	194.93	12594.97
Agg Base	20.85	38.97	1048.22
Additional HMA	11.98	22.81	6602.66

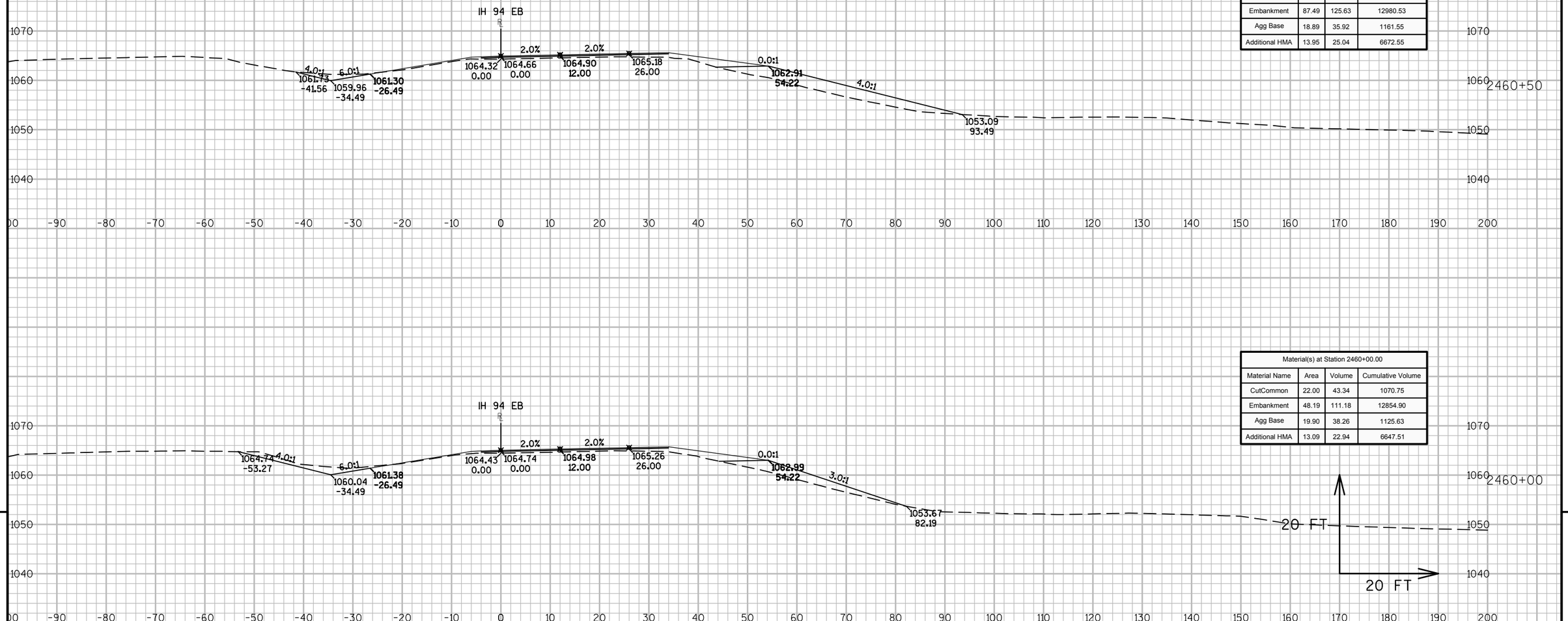
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 485 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (19)

PLOT DATE : 10/20/2014 10:51 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2460+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	9.43	29.10	1099.85
Embankment	87.49	125.63	12980.53
Agg Base	18.89	35.92	1161.55
Additional HMA	13.95	25.04	6672.55

Material(s) at Station 2460+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	22.00	43.34	1070.75
Embankment	48.19	111.18	12854.90
Agg Base	19.90	38.26	1125.63
Additional HMA	13.09	22.94	6647.51

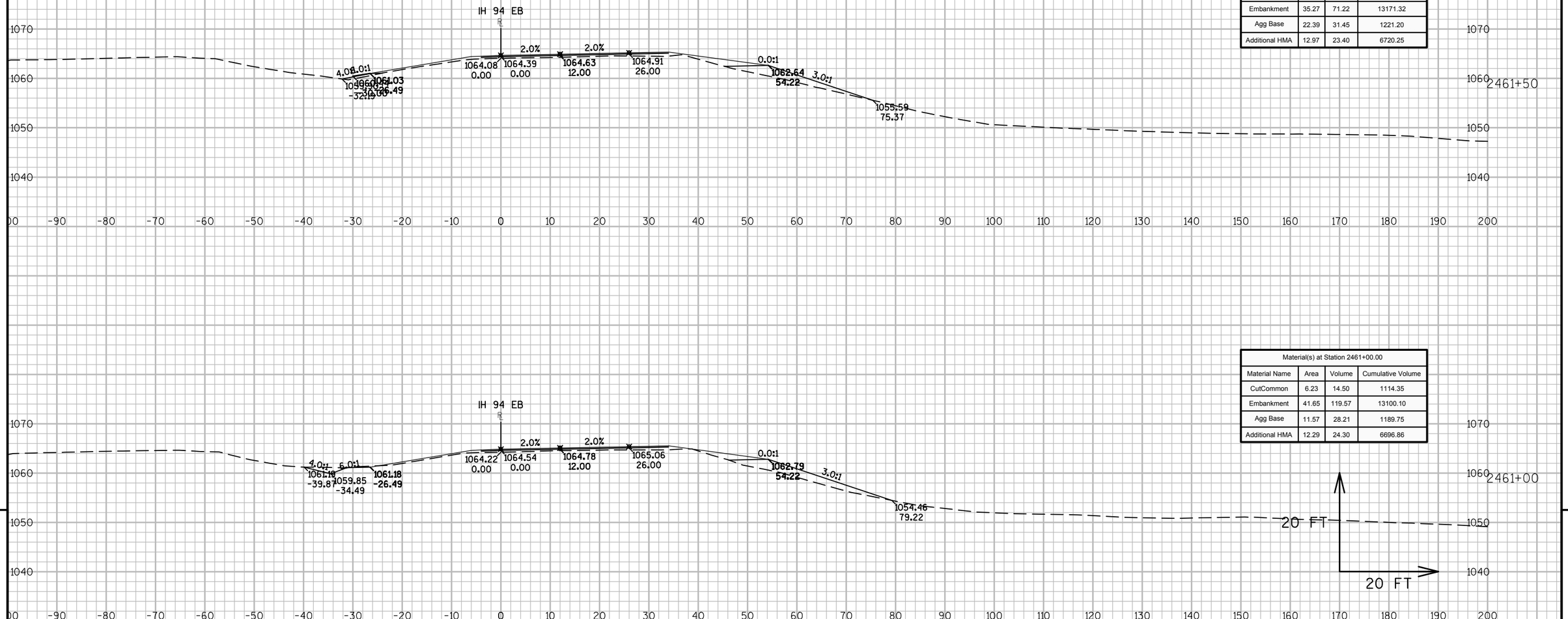
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 486 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (20)

PLOT DATE : 10/20/2014 10:51 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2461+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	5.77	1120.12
Embankment	35.27	71.22	13171.32
Agg Base	22.39	31.45	1221.20
Additional HMA	12.97	23.40	6720.25

Material(s) at Station 2461+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	6.23	14.50	1114.35
Embankment	41.65	119.57	13100.10
Agg Base	11.57	28.21	1189.75
Additional HMA	12.29	24.30	6696.86

9

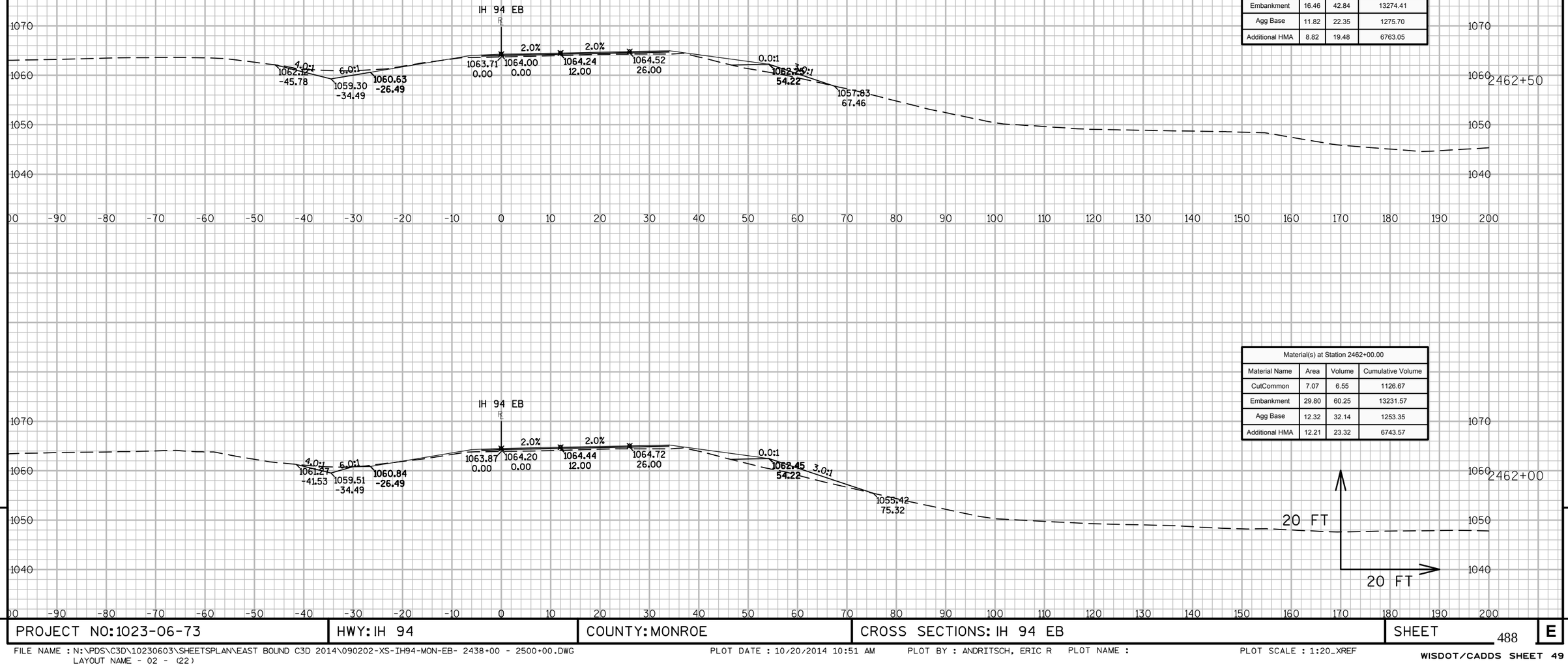
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 487	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (21)

PLOT DATE : 10/20/2014 10:51 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2462+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	15.57	20.96	1147.63
Embankment	16.46	42.84	13274.41
Agg Base	11.82	22.35	1275.70
Additional HMA	8.82	19.48	6763.05

Material(s) at Station 2462+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	7.07	6.55	1126.67
Embankment	29.80	60.25	13231.57
Agg Base	12.32	32.14	1253.35
Additional HMA	12.21	23.32	6743.57

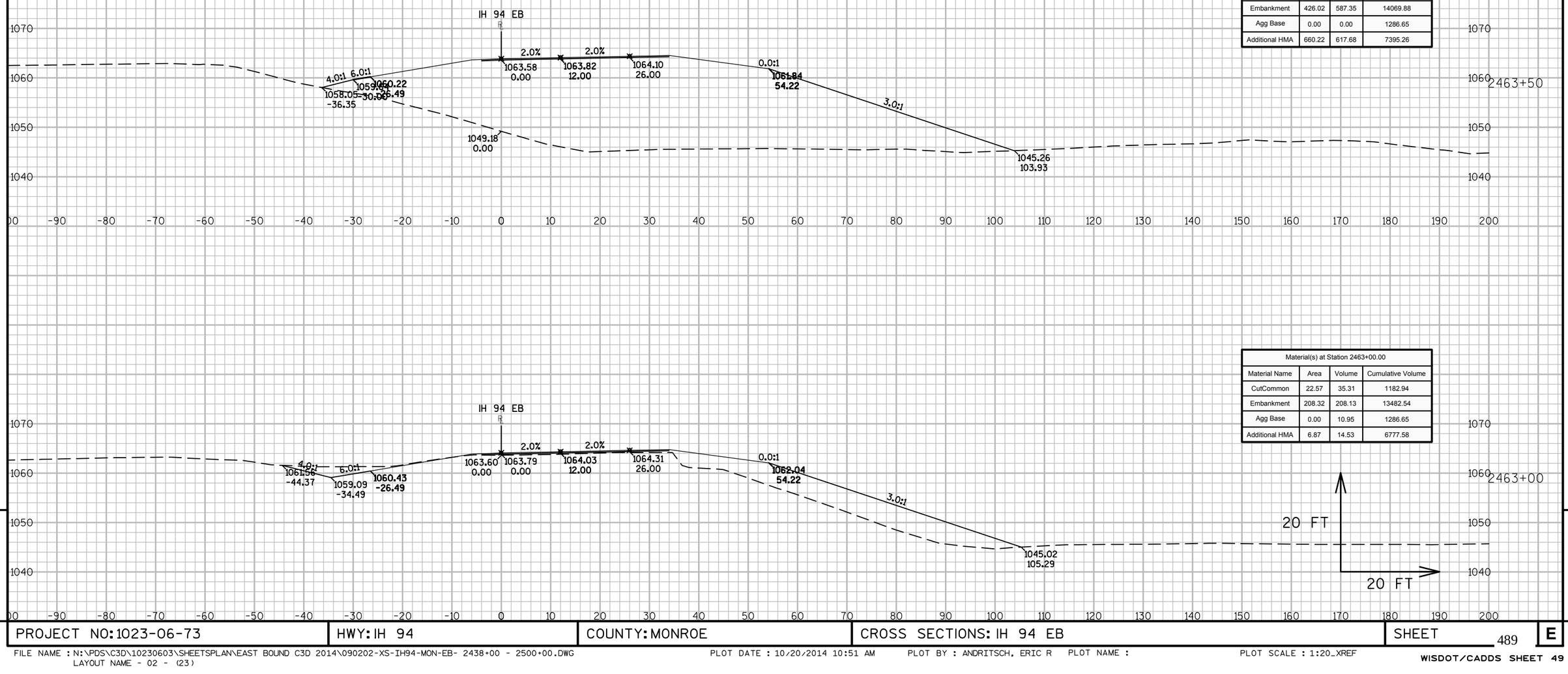
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 488	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (22)

PLOT DATE : 10/20/2014 10:51 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2463+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	20.90	1203.84
Embankment	426.02	587.35	14069.88
Agg Base	0.00	0.00	1286.65
Additional HMA	660.22	617.68	7395.26

Material(s) at Station 2463+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	22.57	35.31	1182.94
Embankment	208.32	208.13	13482.54
Agg Base	0.00	10.95	1286.65
Additional HMA	6.87	14.53	6777.58

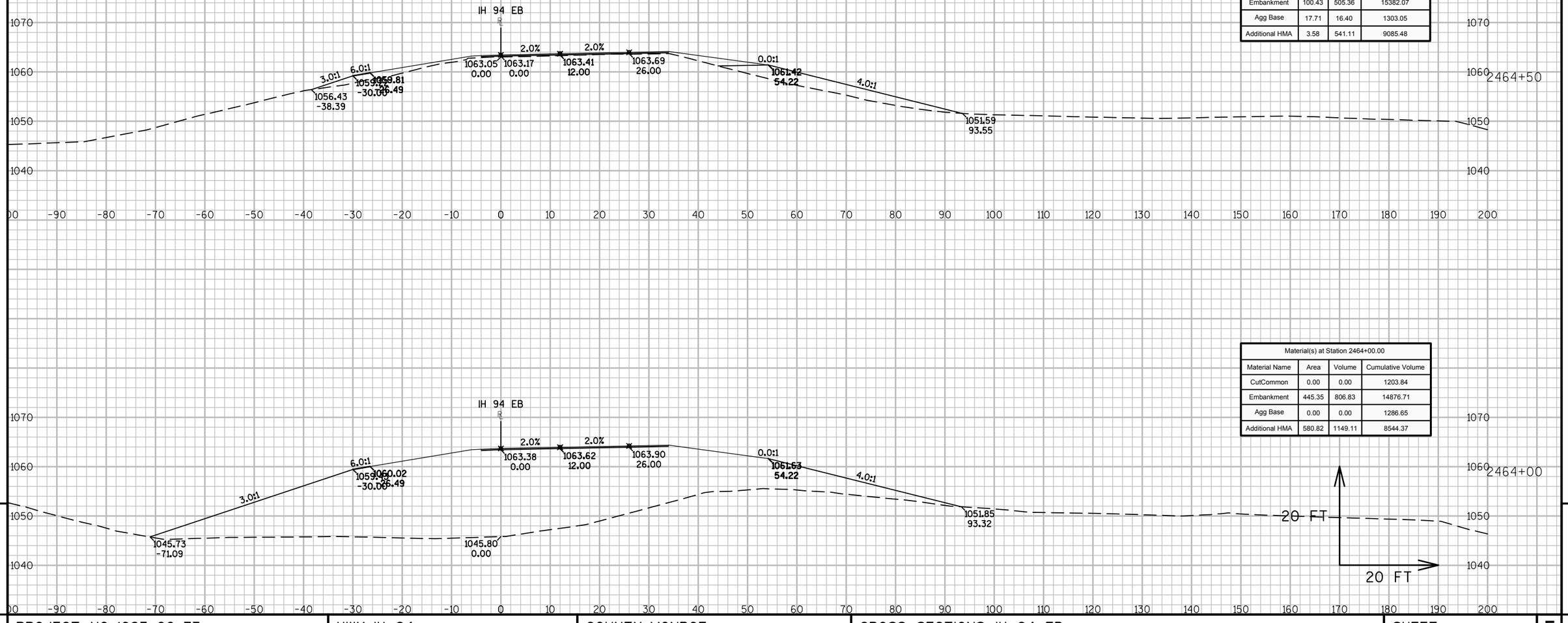
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 489	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (23)

PLOT DATE : 10/20/2014 10:51 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2464+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1203.84
Embankment	100.43	505.36	15382.07
Agg Base	17.71	16.40	1303.05
Additional HMA	3.58	541.11	9085.48

Material(s) at Station 2464+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1203.84
Embankment	445.35	806.83	14876.71
Agg Base	0.00	0.00	1286.65
Additional HMA	580.82	1149.11	8544.37

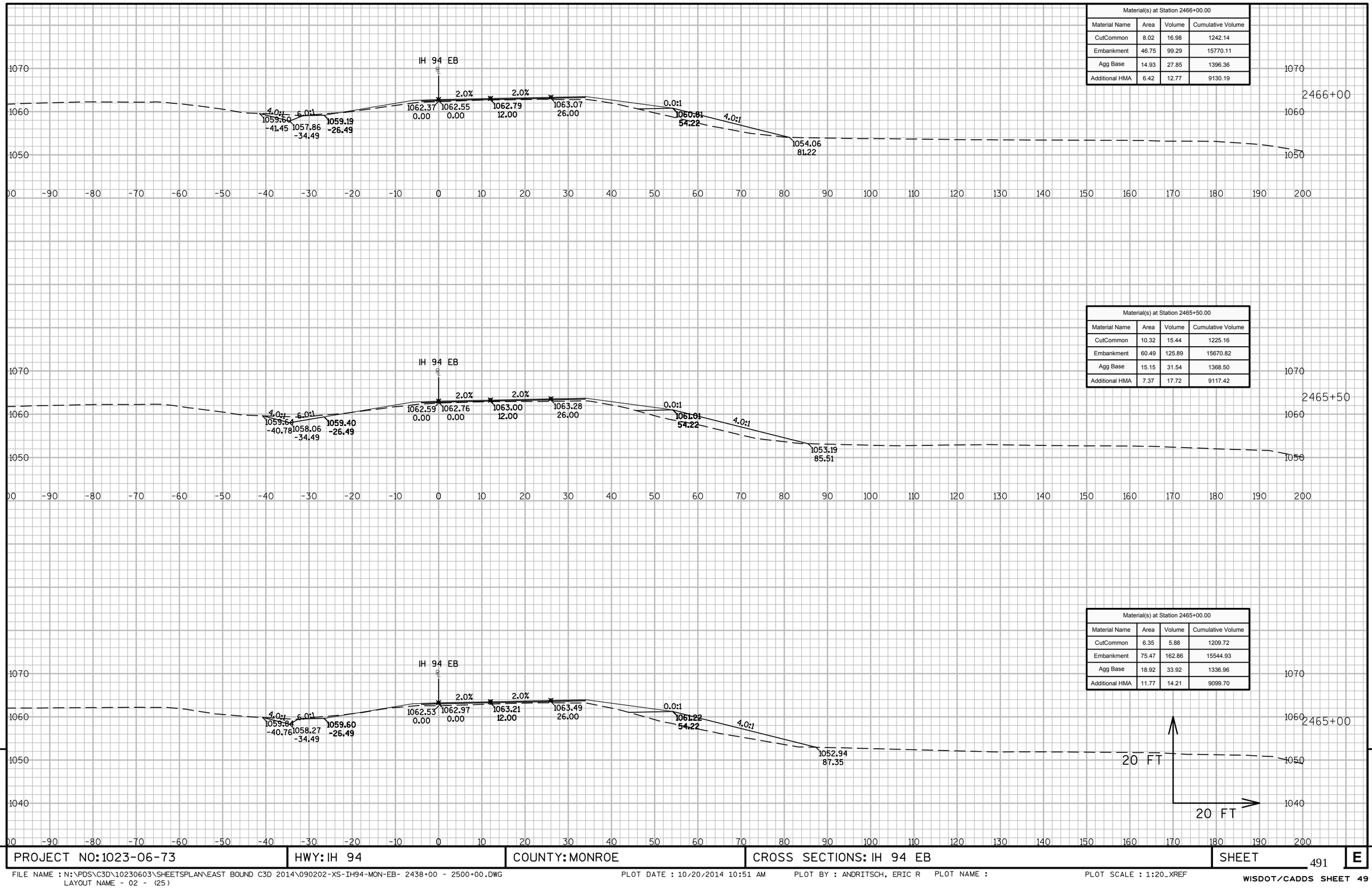
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 490	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (24)

PLOT DATE : 10/20/2014 10:51 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2466+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	8.02	16.98	1242.14
Embankment	46.75	99.29	15770.11
Agg Base	14.93	27.85	1396.36
Additional HMA	6.42	12.77	9130.19

Material(s) at Station 2465+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	10.32	15.44	1225.16
Embankment	60.49	125.89	15670.82
Agg Base	15.15	31.54	1368.50
Additional HMA	7.37	17.72	9117.42

Material(s) at Station 2465+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	6.35	5.88	1209.72
Embankment	75.47	162.86	15544.93
Agg Base	18.92	33.92	1336.96
Additional HMA	11.77	14.21	9099.70

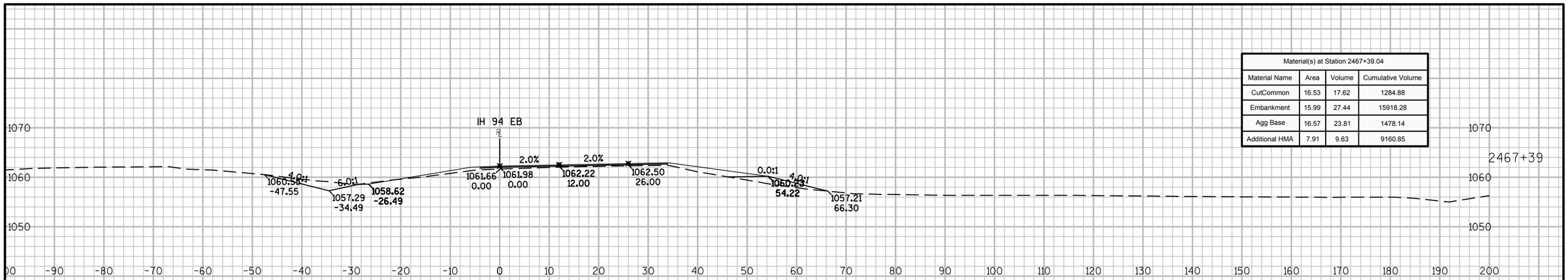
9

9

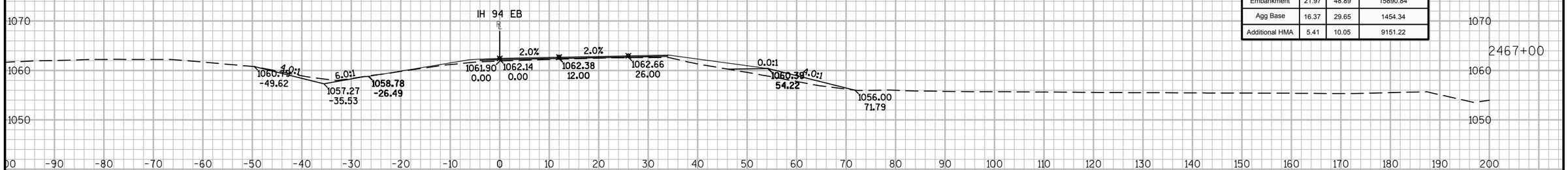
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 491	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (25)

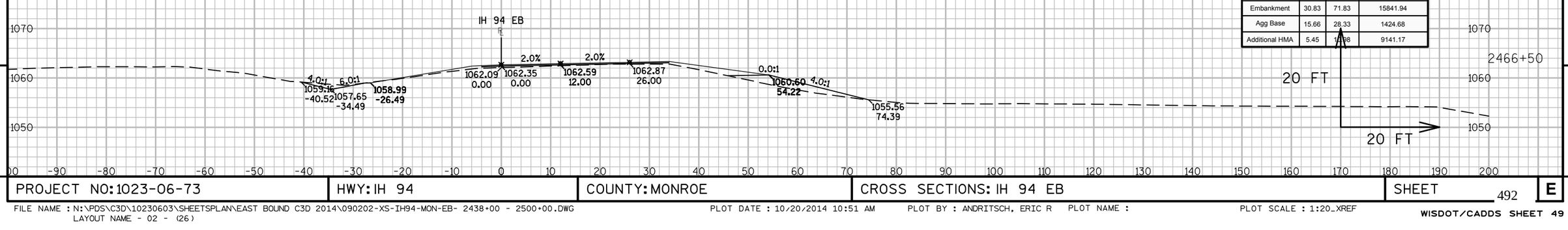
PLOT DATE : 10/20/2014 10:51 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2467+39.04			
Material Name	Area	Volume	Cumulative Volume
CutCommon	16.53	17.62	1284.88
Embankment	15.99	27.44	15918.28
Agg Base	16.57	23.81	1478.14
Additional HMA	7.91	9.63	9160.85



Material(s) at Station 2467+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	7.84	12.49	1267.27
Embankment	21.97	48.89	15890.84
Agg Base	16.37	29.65	1454.34
Additional HMA	5.41	10.05	9151.22



Material(s) at Station 2466+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	5.64	12.65	1254.78
Embankment	30.83	71.83	15841.94
Agg Base	15.66	28.33	1424.68
Additional HMA	5.45	10.28	9141.17

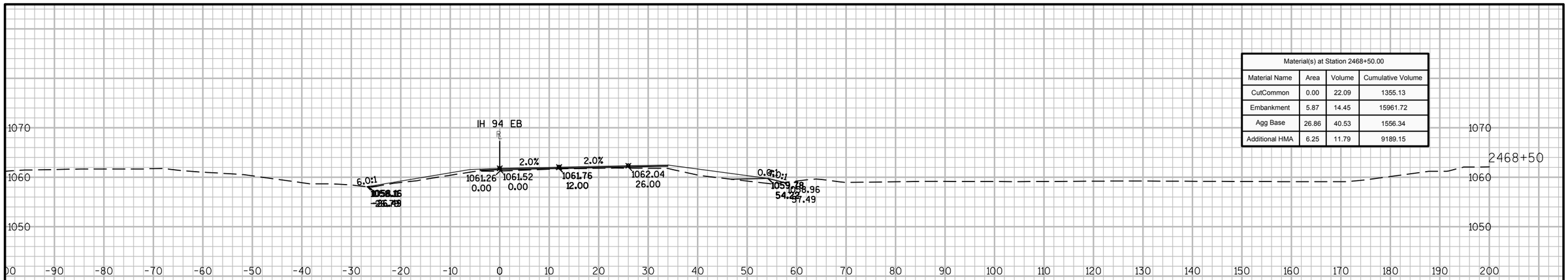
9 9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 492 E

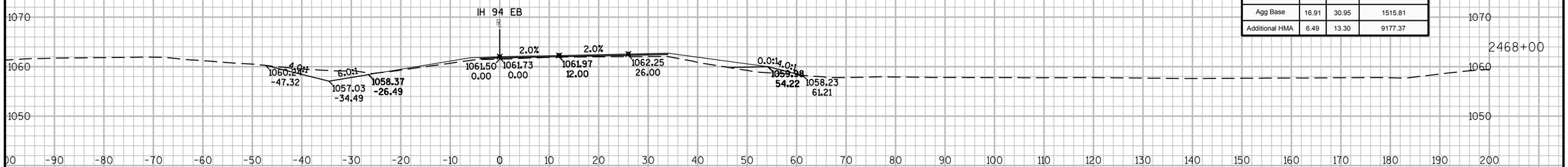
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (26)

PLOT DATE : 10/20/2014 10:51 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

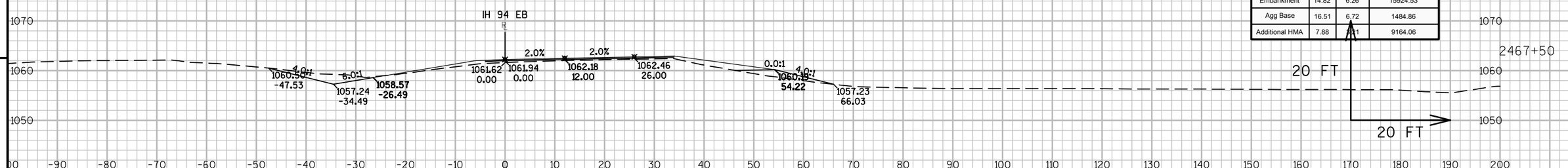
WISDOT/CADDS SHEET 49



Material(s) at Station 2468+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	22.09	1355.13
Embankment	5.87	14.45	15961.72
Agg Base	26.86	40.53	1556.34
Additional HMA	6.25	11.79	9189.15



Material(s) at Station 2468+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	23.86	40.71	1333.03
Embankment	9.74	22.74	15947.27
Agg Base	16.91	30.95	1515.81
Additional HMA	6.49	13.30	9177.37



Material(s) at Station 2467+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	20.10	7.44	1292.32
Embankment	14.82	6.26	15924.53
Agg Base	16.51	6.72	1484.86
Additional HMA	7.88	3.31	9164.06

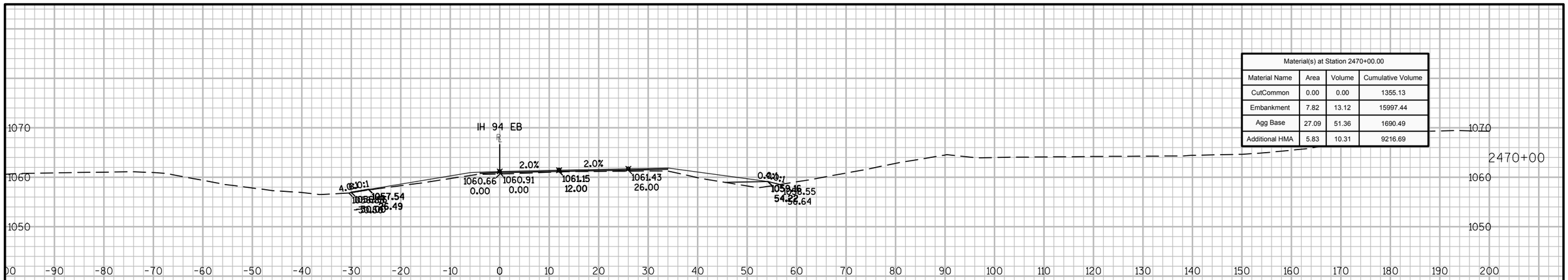
9

9

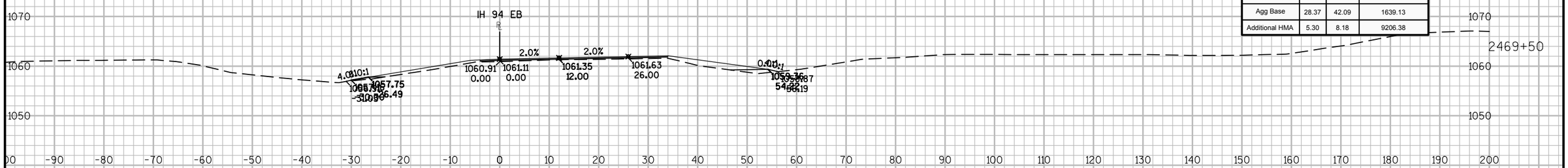
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 493	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (27)

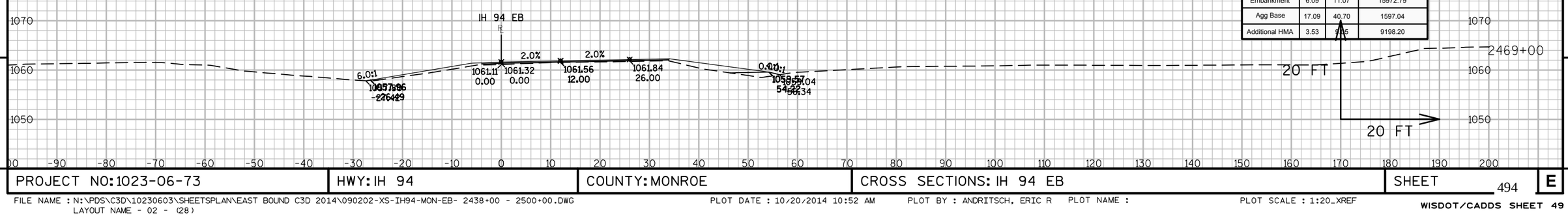
PLOT DATE : 10/20/2014 10:51 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2470+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1355.13
Embankment	7.82	13.12	15997.44
Agg Base	27.09	51.36	1690.49
Additional HMA	5.83	10.31	9216.69



Material(s) at Station 2469+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1355.13
Embankment	6.36	11.53	15984.32
Agg Base	28.37	42.09	1639.13
Additional HMA	5.30	8.18	9206.38



Material(s) at Station 2469+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1355.13
Embankment	6.09	11.07	15972.79
Agg Base	17.09	40.70	1597.04
Additional HMA	3.53	9.36	9198.20

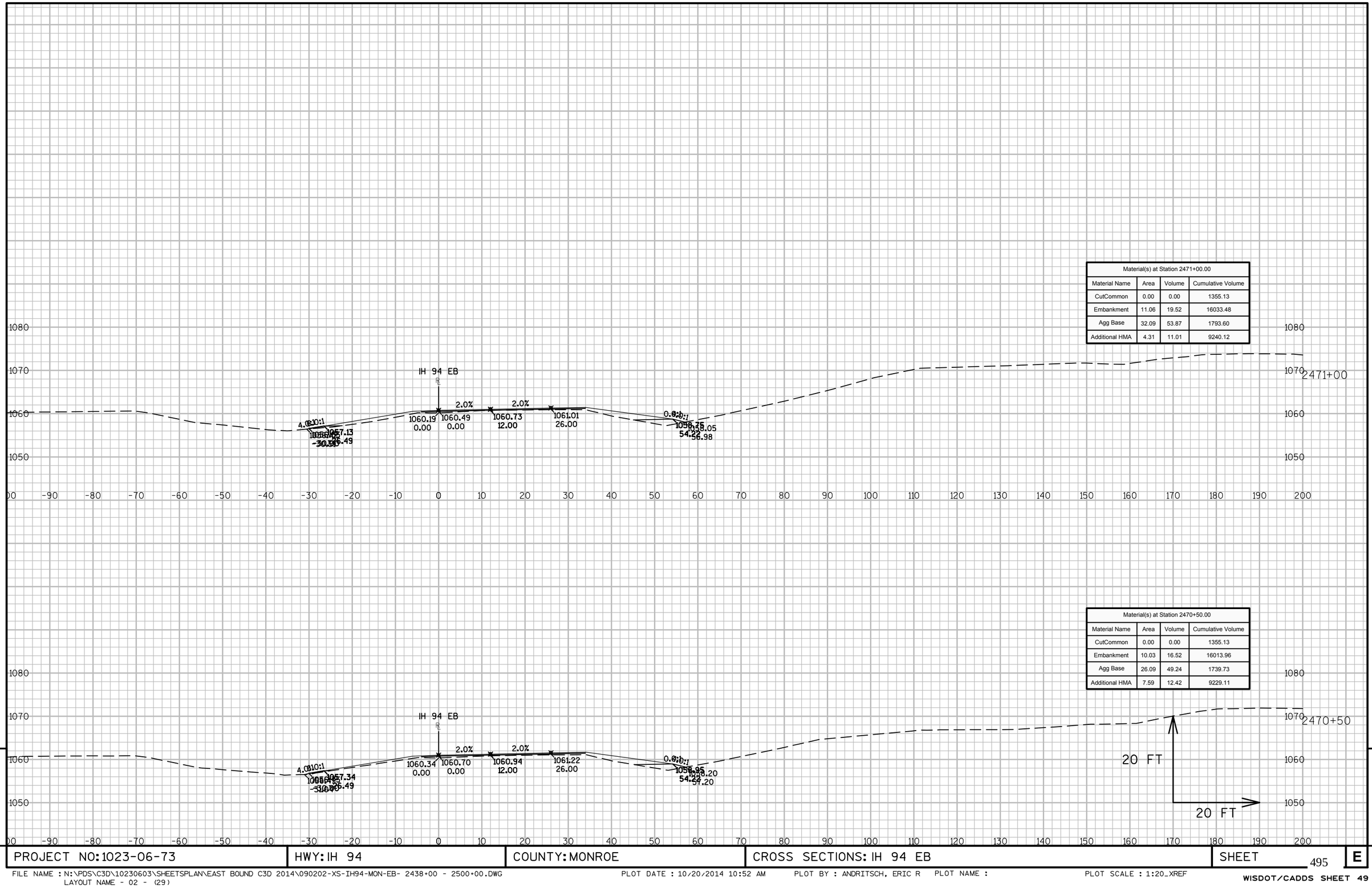
9 9

PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 494 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (28)

PLOT DATE : 10/20/2014 10:52 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



9

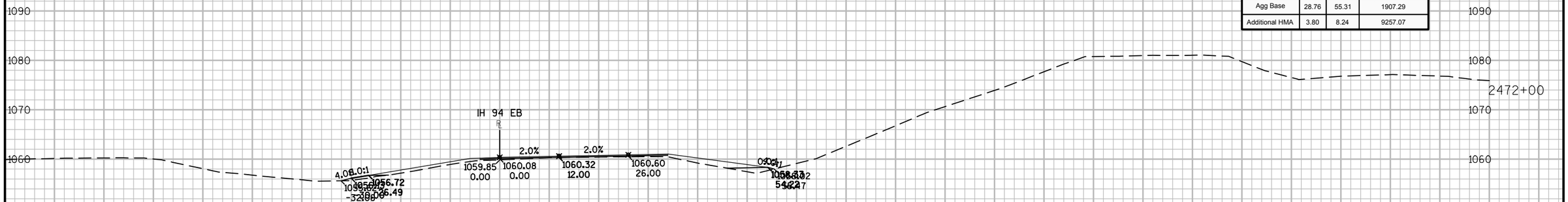
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 495	E

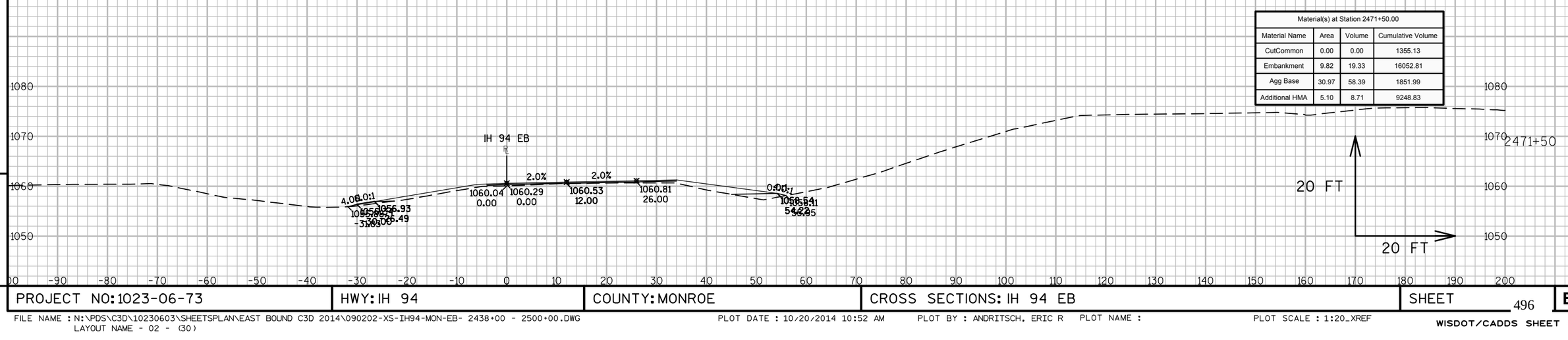
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (29)

PLOT DATE : 10/20/2014 10:52 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2472+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1355.13
Embankment	8.91	17.34	16070.15
Agg Base	28.76	55.31	1907.29
Additional HMA	3.80	8.24	9257.07



Material(s) at Station 2471+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1355.13
Embankment	9.82	19.33	16052.81
Agg Base	30.97	58.39	1851.99
Additional HMA	5.10	8.71	9248.83



9

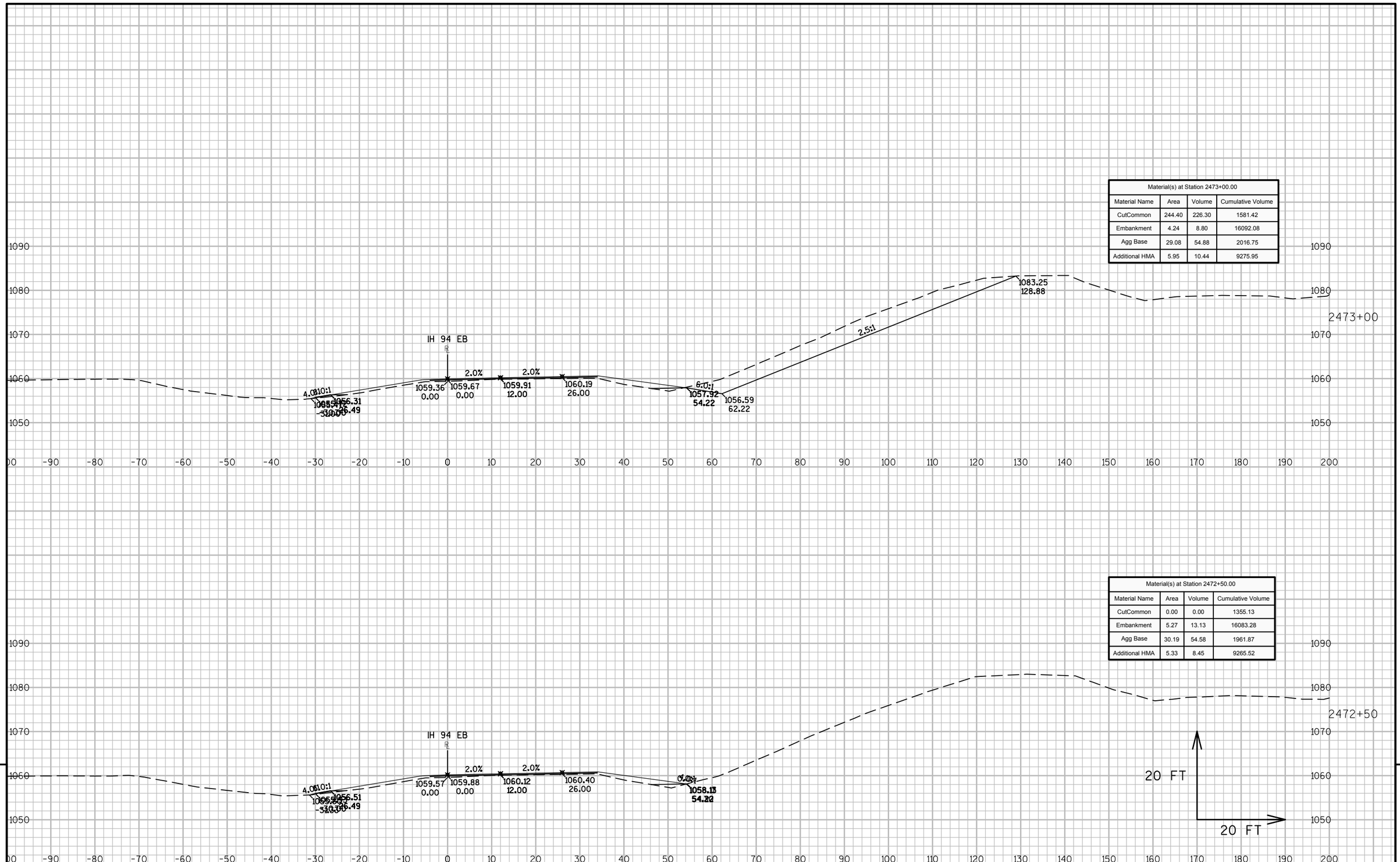
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 496	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (30)

PLOT DATE : 10/20/2014 10:52 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2473+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	244.40	226.30	1581.42
Embankment	4.24	8.80	16092.08
Agg Base	29.08	54.88	2016.75
Additional HMA	5.95	10.44	9275.95

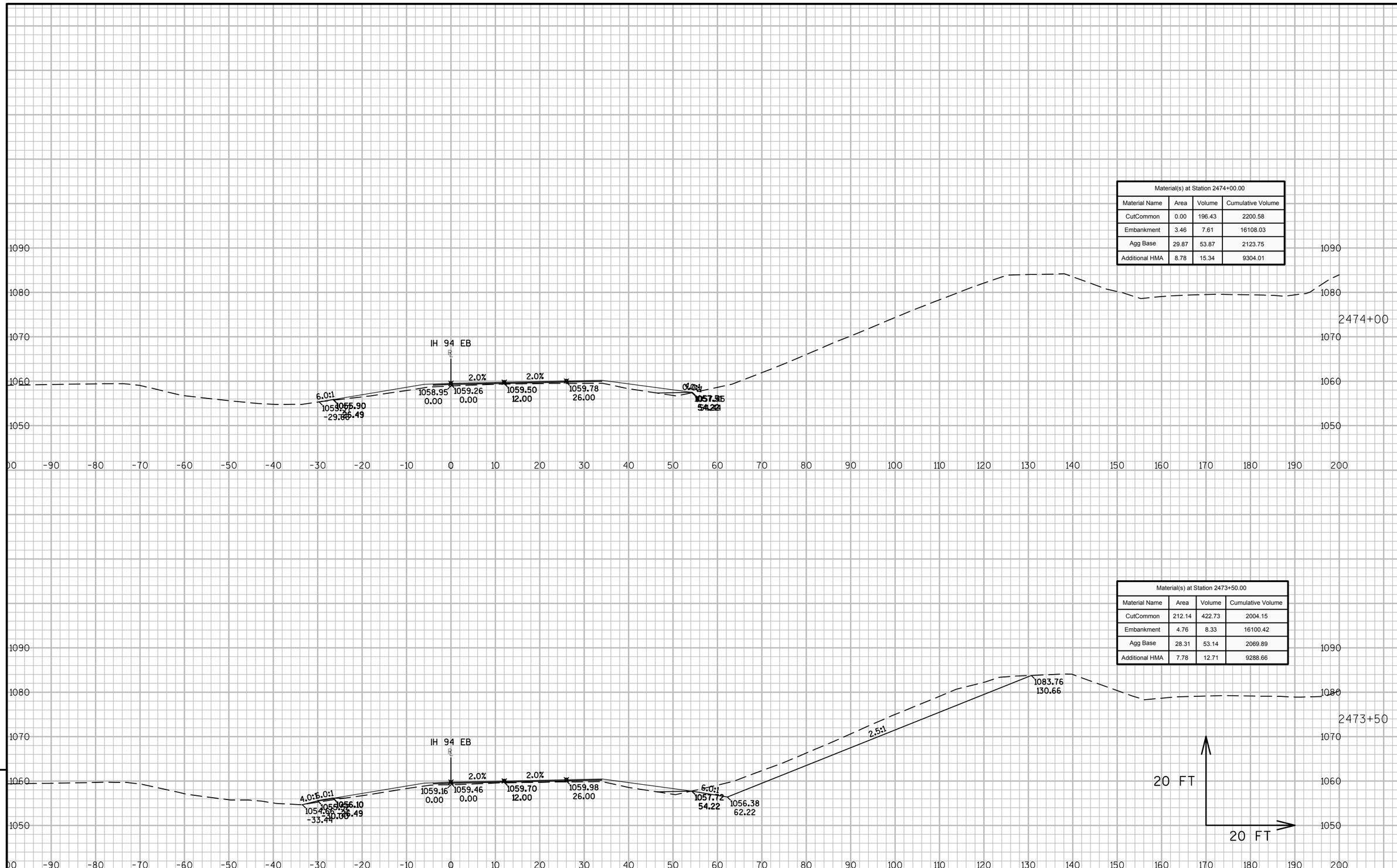
Material(s) at Station 2472+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1355.13
Embankment	5.27	13.13	16083.28
Agg Base	30.19	54.58	1961.87
Additional HMA	5.33	8.45	9265.52

9 9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 497 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (31)
PLOT DATE : 10/20/2014 10:52 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49

Material(s) at Station 2474+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	196.43	2200.58
Embankment	3.46	7.61	16108.03
Agg Base	29.87	53.87	2123.75
Additional HMA	8.78	15.34	9304.01

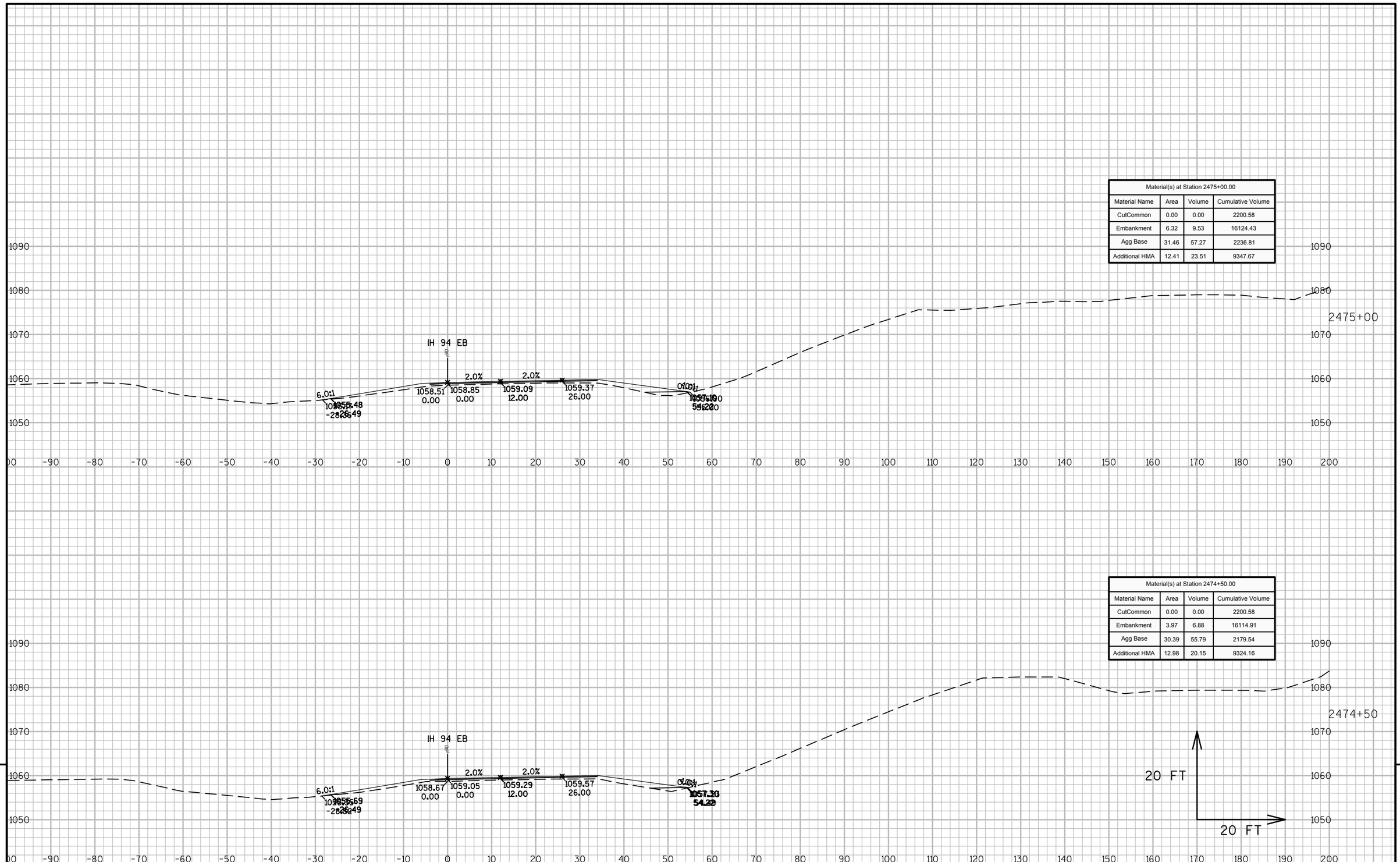


Material(s) at Station 2473+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	212.14	422.73	2004.15
Embankment	4.76	8.33	16100.42
Agg Base	28.31	53.14	2069.89
Additional HMA	7.78	12.71	9288.66

9 9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 498	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (32)
PLOT DATE : 10/20/2014 10:52 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



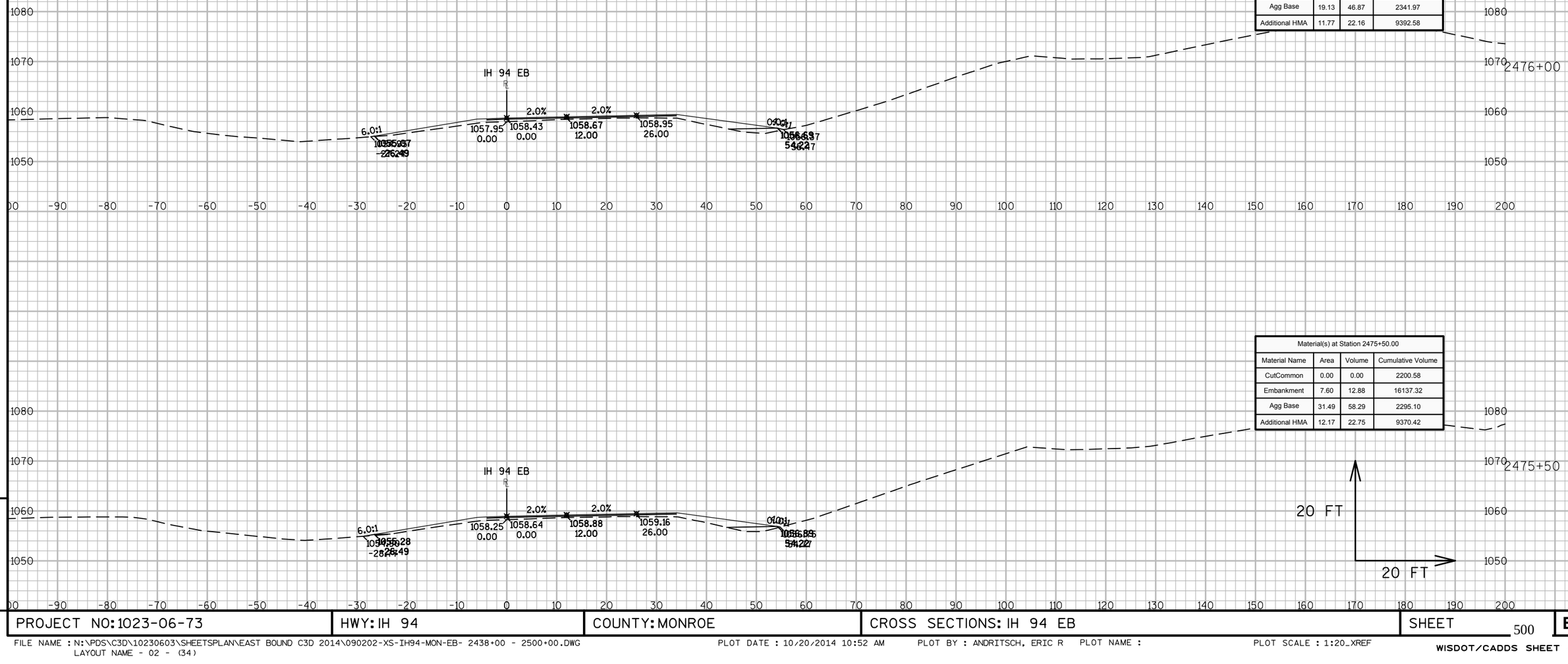
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 499	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (33)
PLOT DATE : 10/20/2014 10:52 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49

Material(s) at Station 2476+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2200.58
Embankment	7.02	13.54	16150.85
Agg Base	19.13	46.87	2341.97
Additional HMA	11.77	22.16	9392.58



Material(s) at Station 2475+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2200.58
Embankment	7.60	12.88	16137.32
Agg Base	31.49	58.29	2295.10
Additional HMA	12.17	22.75	9370.42

9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 500	E

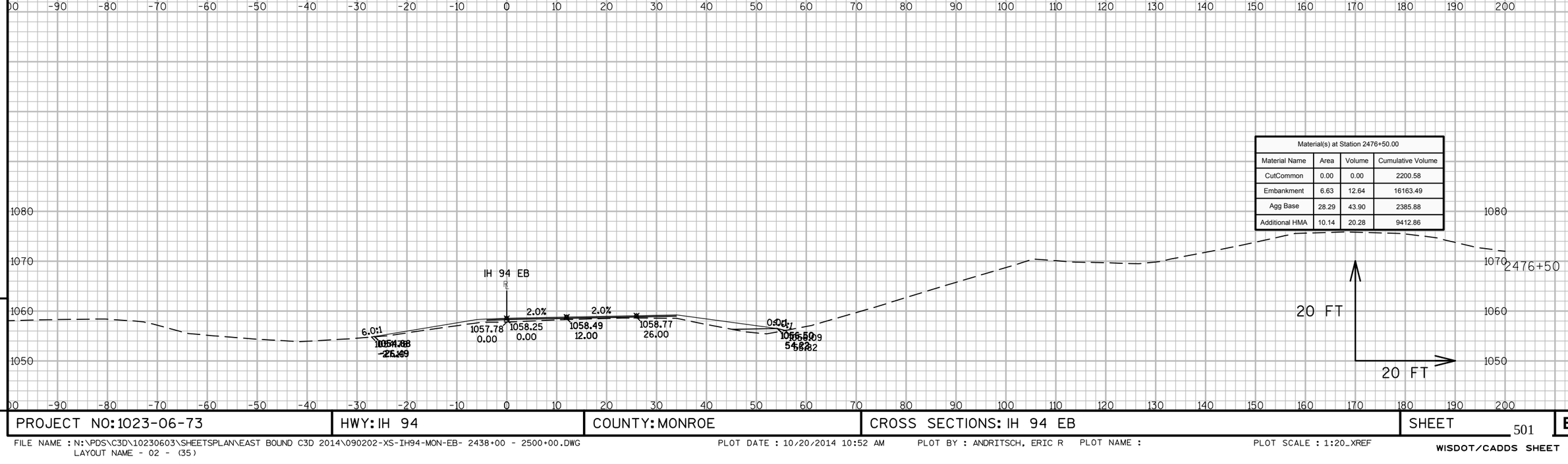
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (34)

PLOT DATE : 10/20/2014 10:52 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2477+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2200.58
Embankment	8.14	13.67	16177.17
Agg Base	28.97	53.02	2438.90
Additional HMA	7.05	15.92	9428.78



Material(s) at Station 2476+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2200.58
Embankment	6.63	12.64	16163.49
Agg Base	28.29	43.90	2385.88
Additional HMA	10.14	20.28	9412.86



9

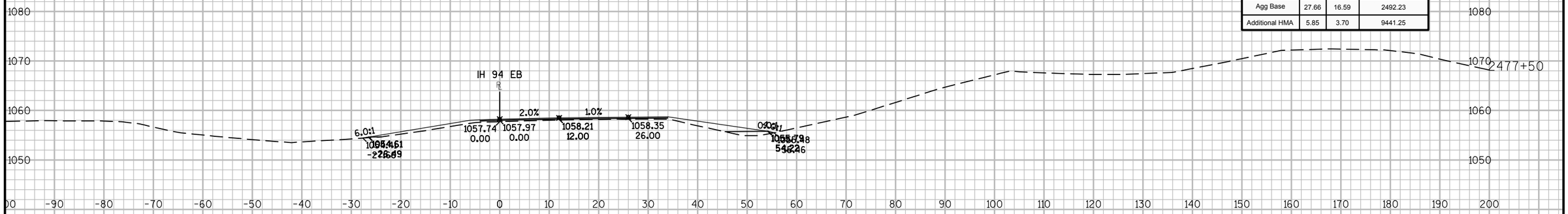
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 501	E

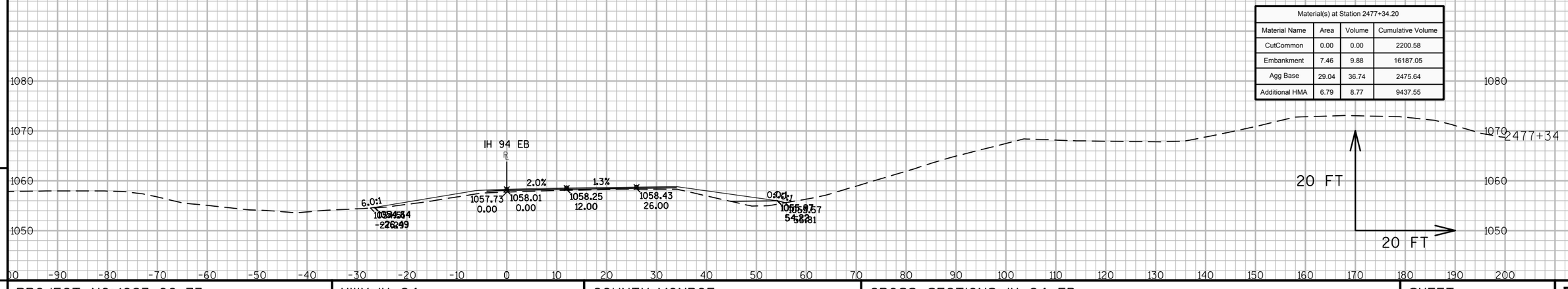
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (35)

PLOT DATE : 10/20/2014 10:52 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2477+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2200.58
Embankment	6.08	3.96	16191.01
Agg Base	27.66	16.59	2492.23
Additional HMA	5.85	3.70	9441.25



Material(s) at Station 2477+34.20			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2200.58
Embankment	7.46	9.88	16187.05
Agg Base	29.04	36.74	2475.64
Additional HMA	6.79	8.77	9437.55



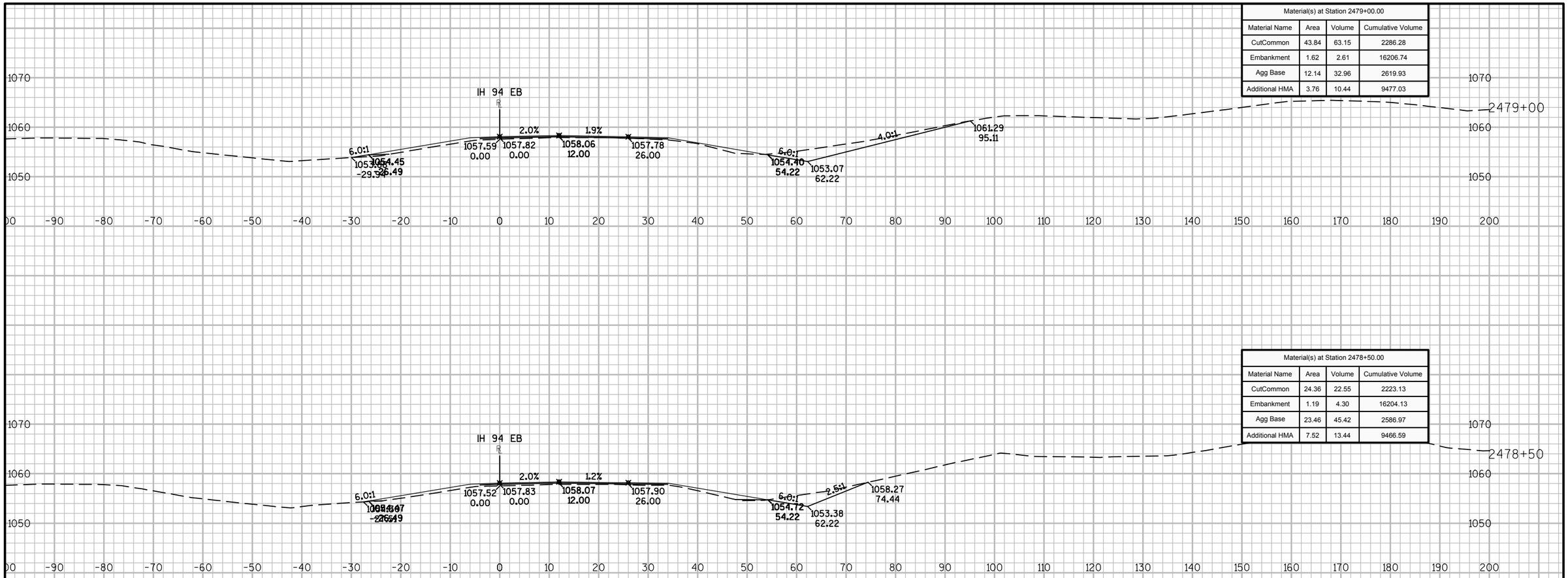
9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 502	E

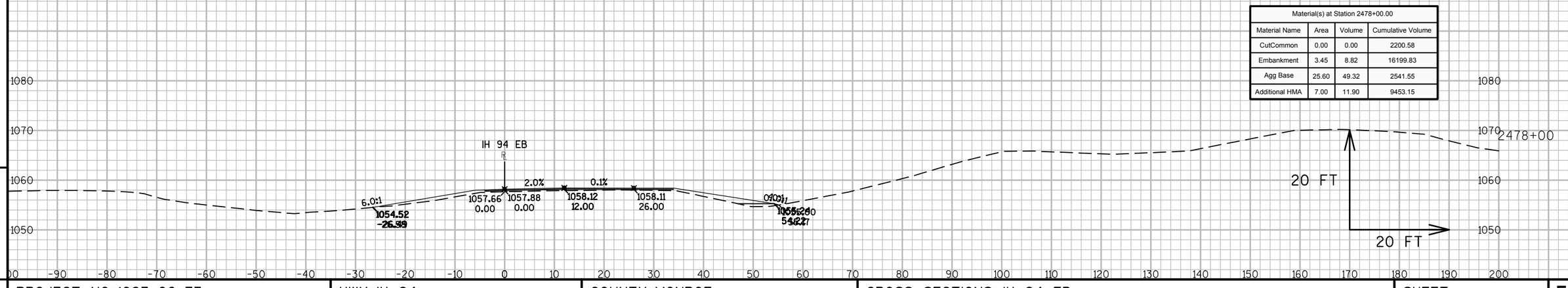
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (36)

PLOT DATE : 10/20/2014 10:52 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2479+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	43.84	63.15	2286.28
Embankment	1.62	2.61	16206.74
Agg Base	12.14	32.96	2619.93
Additional HMA	3.76	10.44	9477.03

Material(s) at Station 2478+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	24.36	22.55	2223.13
Embankment	1.19	4.30	16204.13
Agg Base	23.46	45.42	2586.97
Additional HMA	7.52	13.44	9466.59



Material(s) at Station 2478+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2200.58
Embankment	3.45	8.82	16199.83
Agg Base	25.60	49.32	2541.55
Additional HMA	7.00	11.90	9453.15

9

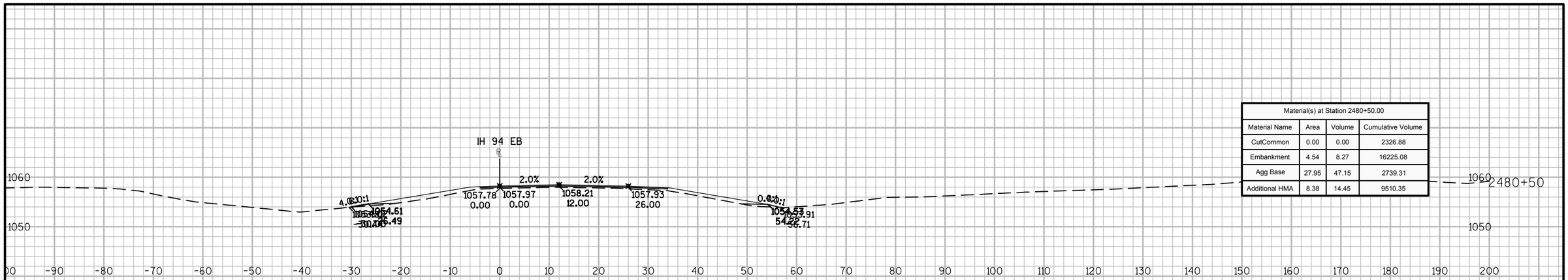
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 503	E

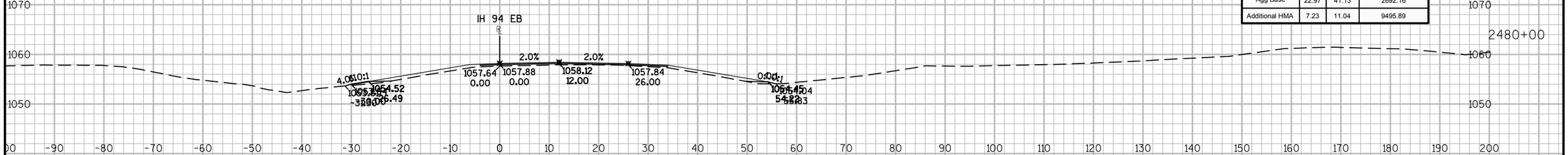
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (37)

PLOT DATE : 10/20/2014 10:52 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

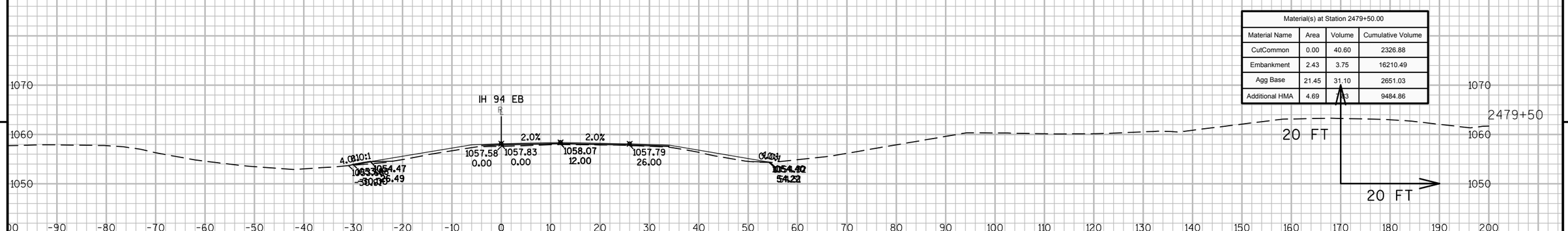
WISDOT/CADDS SHEET 49



Material(s) at Station 2480+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2326.88
Embankment	4.54	8.27	16225.08
Agg Base	27.95	47.15	2739.31
Additional HMA	8.38	14.45	9510.35



Material(s) at Station 2480+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2326.88
Embankment	4.39	6.32	16216.81
Agg Base	22.97	41.13	2692.16
Additional HMA	7.23	11.04	9495.89



Material(s) at Station 2479+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	40.60	2326.88
Embankment	2.43	3.75	16210.49
Agg Base	21.45	31.10	2651.03
Additional HMA	4.69	[illegible]3	9484.86

9

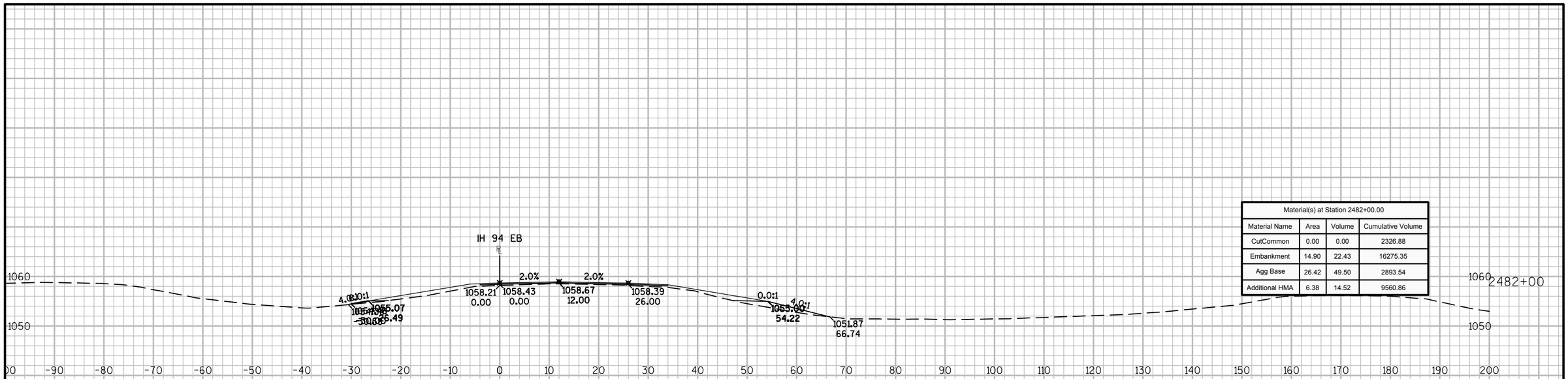
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 504	E

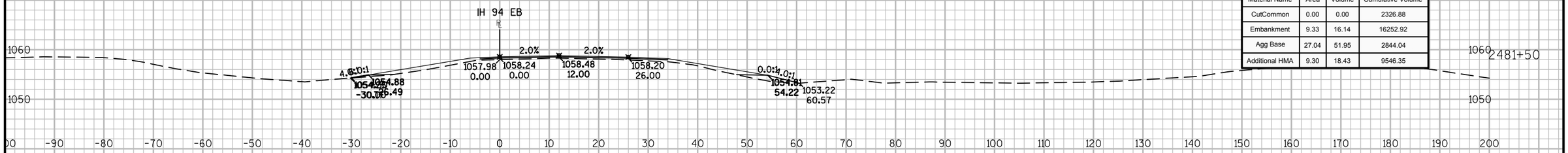
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (38)

PLOT DATE : 10/20/2014 10:52 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

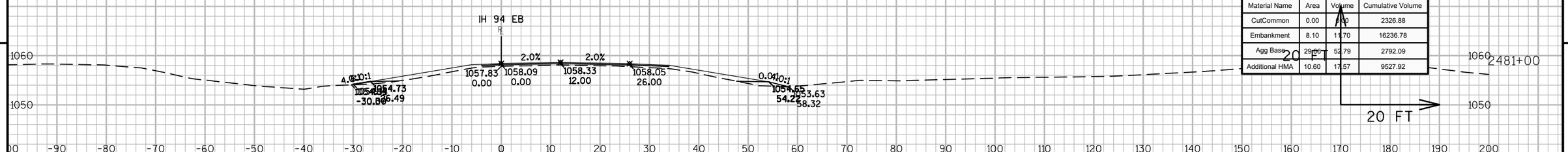
WISDOT/CADDS SHEET 49



Material(s) at Station 2482+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2326.88
Embankment	14.90	22.43	16275.35
Agg Base	26.42	49.50	2893.54
Additional HMA	6.38	14.52	9560.86



Material(s) at Station 2481+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2326.88
Embankment	9.33	16.14	16252.92
Agg Base	27.04	51.95	2844.04
Additional HMA	9.30	18.43	9546.35



Material(s) at Station 2481+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2326.88
Embankment	8.10	11.70	16236.78
Agg Base	29.06	52.79	2792.09
Additional HMA	10.60	17.57	9527.92

9

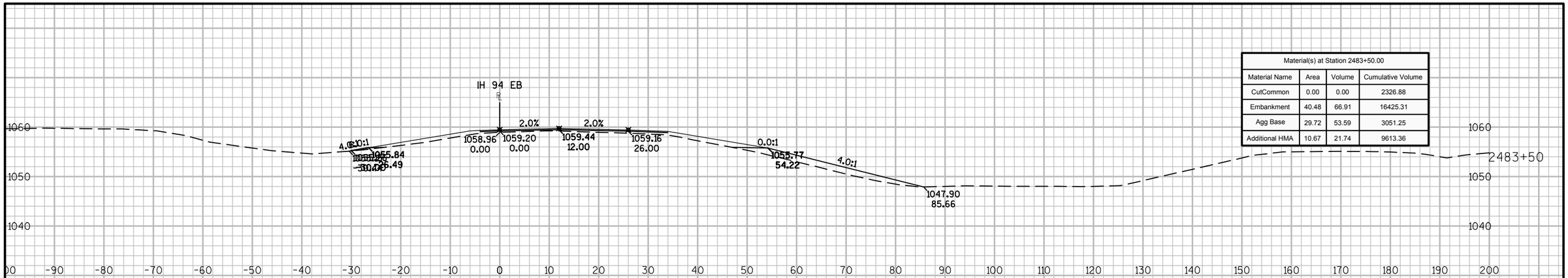
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 505 E

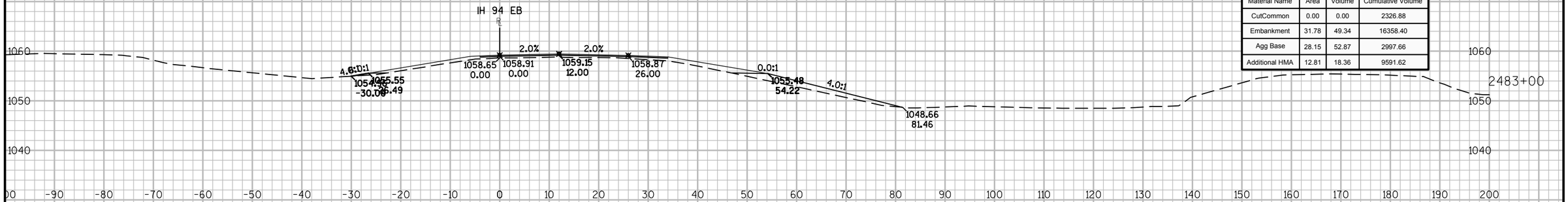
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (39)

PLOT DATE : 10/20/2014 10:53 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

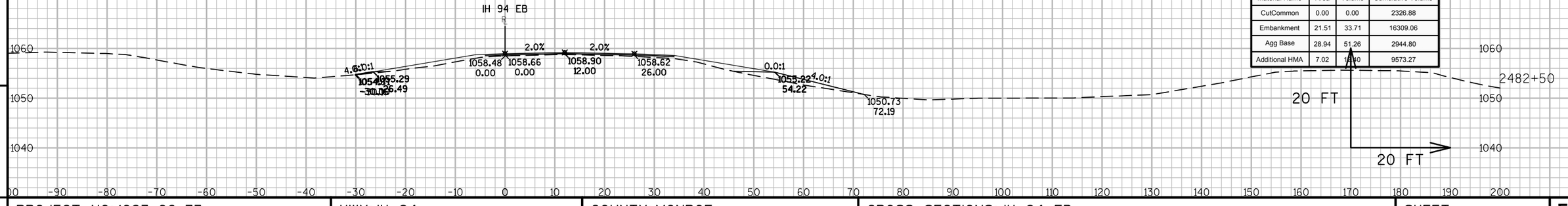
WISDOT/CADDS SHEET 49



Material(s) at Station 2483+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2326.88
Embankment	40.48	66.91	16425.31
Agg Base	29.72	53.59	3051.25
Additional HMA	10.67	21.74	9613.36



Material(s) at Station 2483+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2326.88
Embankment	31.78	49.34	16358.40
Agg Base	28.15	52.87	2997.66
Additional HMA	12.81	18.36	9591.62



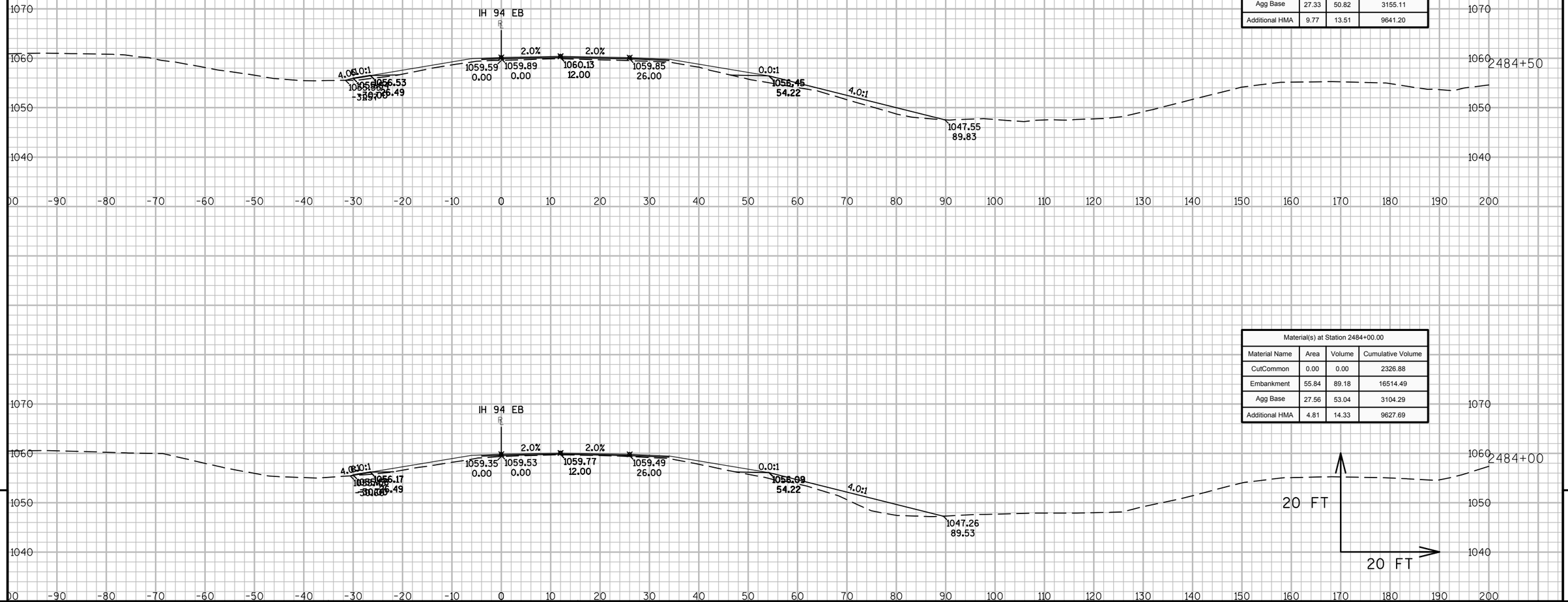
Material(s) at Station 2482+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2326.88
Embankment	21.51	33.71	16309.06
Agg Base	28.94	51.26	2944.80
Additional HMA	7.02	18.40	9573.27

9 9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 506	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (40)

PLOT DATE : 10/20/2014 10:53 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2484+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2326.88
Embankment	42.70	91.24	16605.72
Agg Base	27.33	50.82	3155.11
Additional HMA	9.77	13.51	9641.20

Material(s) at Station 2484+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2326.88
Embankment	55.84	89.18	16514.49
Agg Base	27.56	53.04	3104.29
Additional HMA	4.81	14.33	9627.69

9

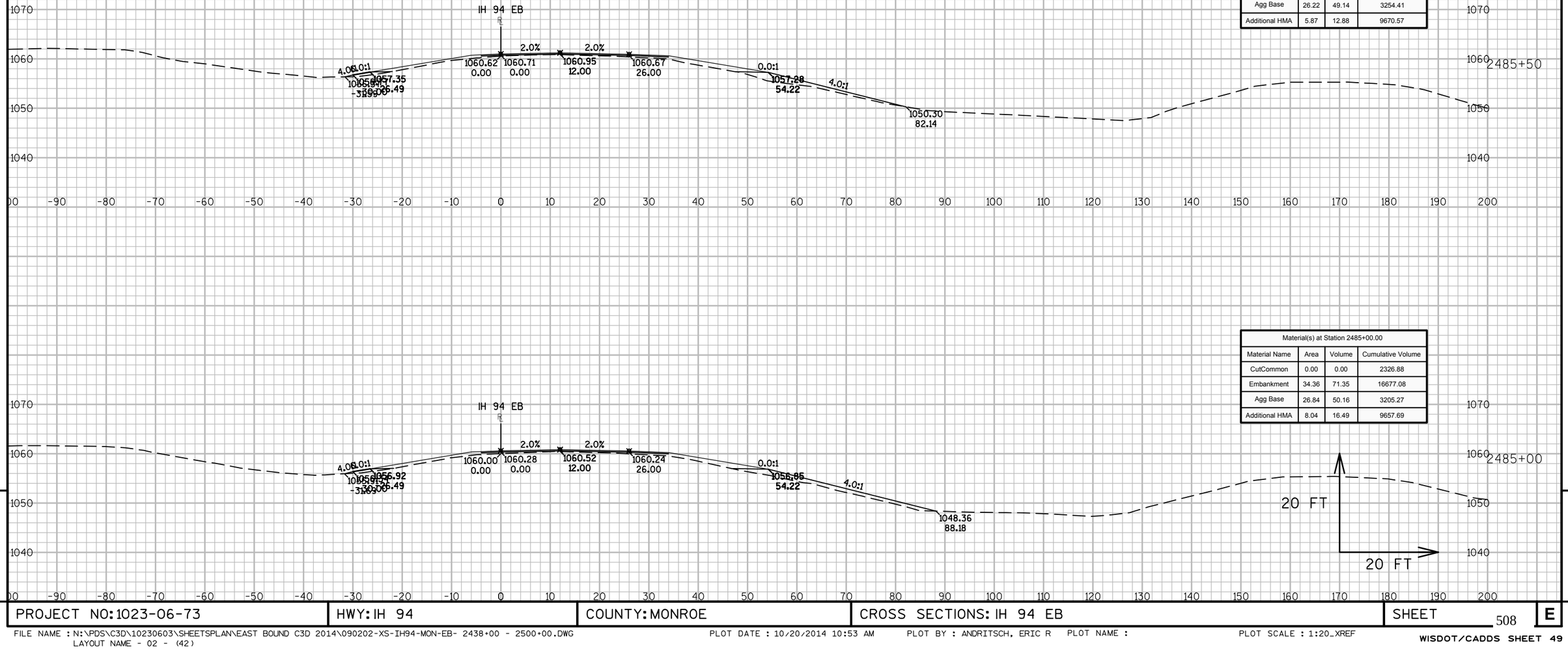
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 507	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (41)

PLOT DATE : 10/20/2014 10:53 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



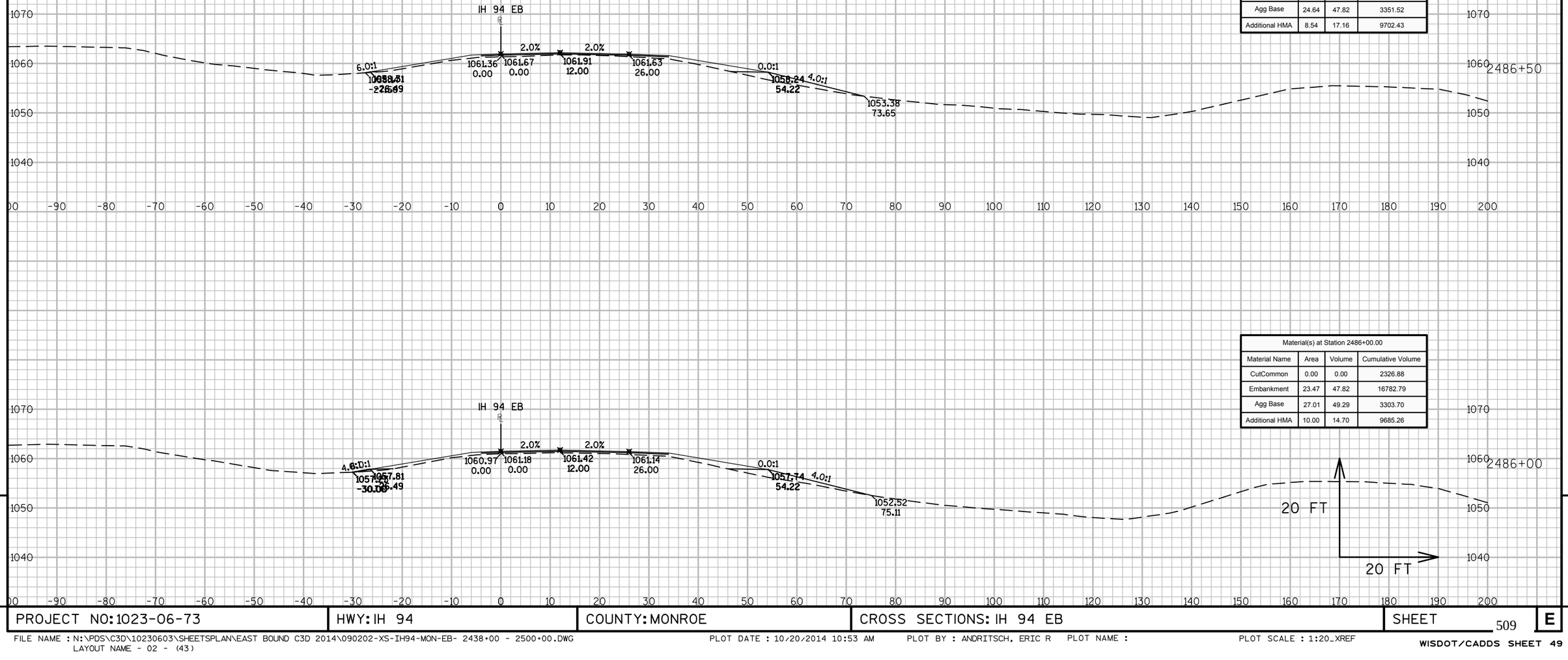
Material(s) at Station 2485+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2326.88
Embankment	28.17	57.90	16734.97
Agg Base	26.22	49.14	3254.41
Additional HMA	5.87	12.88	9670.57

Material(s) at Station 2485+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2326.88
Embankment	34.36	71.35	16677.08
Agg Base	26.84	50.16	3205.27
Additional HMA	8.04	16.49	9657.69

9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 508	E



Material(s) at Station 2486+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2326.88
Embankment	22.64	42.69	16825.48
Agg Base	24.64	47.82	3351.52
Additional HMA	8.54	17.16	9702.43

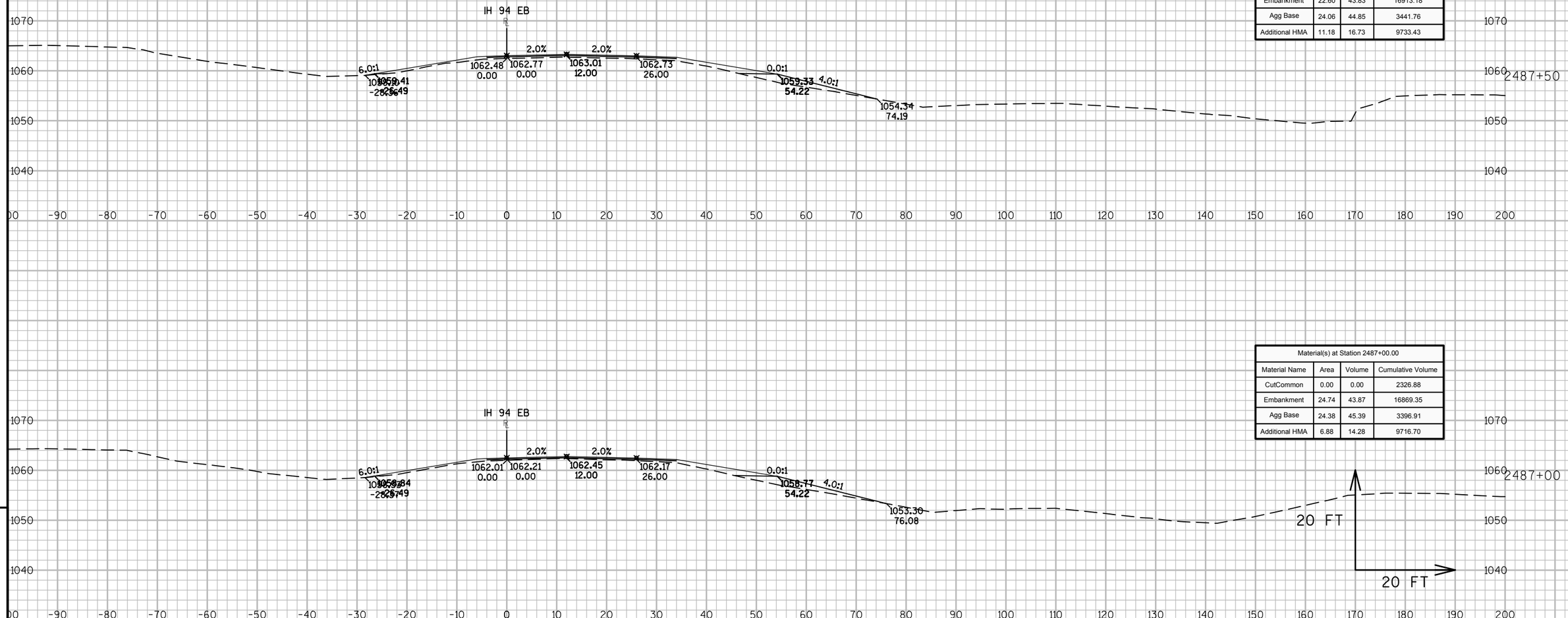
Material(s) at Station 2486+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2326.88
Embankment	23.47	47.82	16782.79
Agg Base	27.01	49.29	3303.70
Additional HMA	10.00	14.70	9685.26

9

9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 509	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (43)
PLOT DATE : 10/20/2014 10:53 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2487+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2326.88
Embankment	22.60	43.83	16913.18
Agg Base	24.06	44.85	3441.76
Additional HMA	11.18	16.73	9733.43

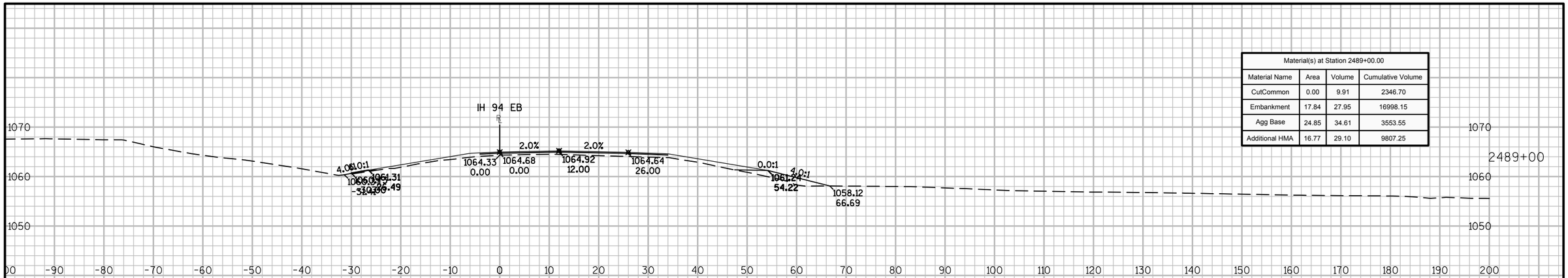
Material(s) at Station 2487+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2326.88
Embankment	24.74	43.87	16869.35
Agg Base	24.38	45.39	3396.91
Additional HMA	6.88	14.28	9716.70

9

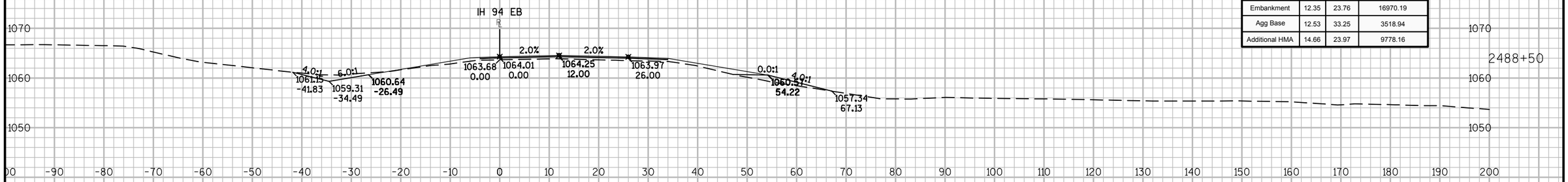
9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 510 E

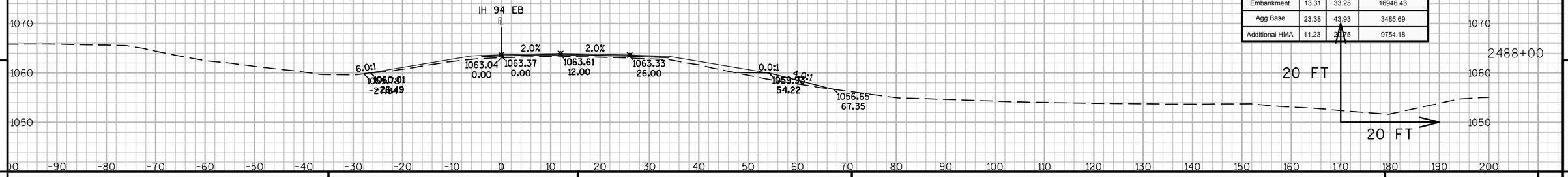
FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (44)
PLOT DATE : 10/20/2014 10:53 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2489+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	9.91	2346.70
Embankment	17.84	27.95	16998.15
Agg Base	24.85	34.61	3553.55
Additional HMA	16.77	29.10	9807.25



Material(s) at Station 2488+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	10.71	9.91	2336.79
Embankment	12.35	23.76	16970.19
Agg Base	12.53	33.25	3518.94
Additional HMA	14.66	23.97	9778.16



Material(s) at Station 2488+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2326.88
Embankment	13.31	33.25	16946.43
Agg Base	23.38	43.93	3485.69
Additional HMA	11.23	21.75	9754.18

9 9

PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 511	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (45)

PLOT DATE : 10/20/2014 10:53 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2490+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	14.30	24.43	2382.33
Embankment	6.50	9.84	17042.46
Agg Base	14.04	24.14	3655.77
Additional HMA	15.05	26.05	9883.63

Material(s) at Station 2490+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	12.09	11.19	2357.89
Embankment	4.12	10.89	17032.63
Agg Base	12.03	33.11	3631.63
Additional HMA	13.09	23.46	9857.58

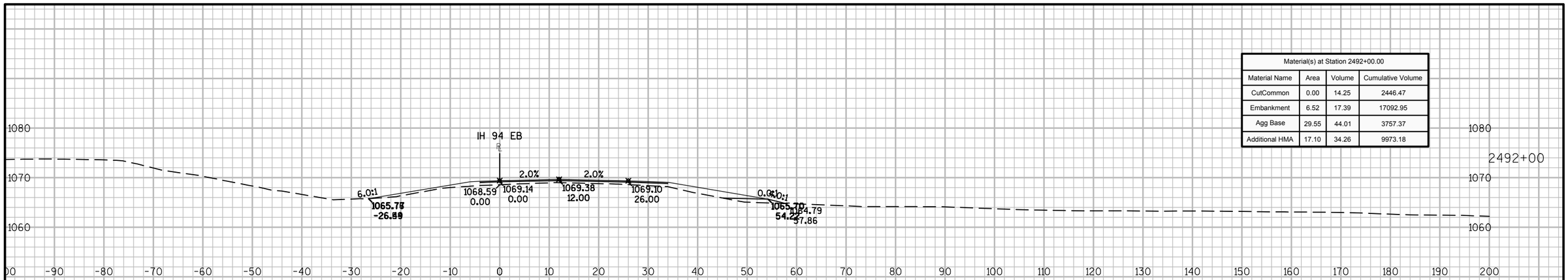
Material(s) at Station 2489+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	2346.70
Embankment	7.64	23.59	17021.74
Agg Base	23.72	44.97	3598.52
Additional HMA	12.25	23.87	9834.12

9 9

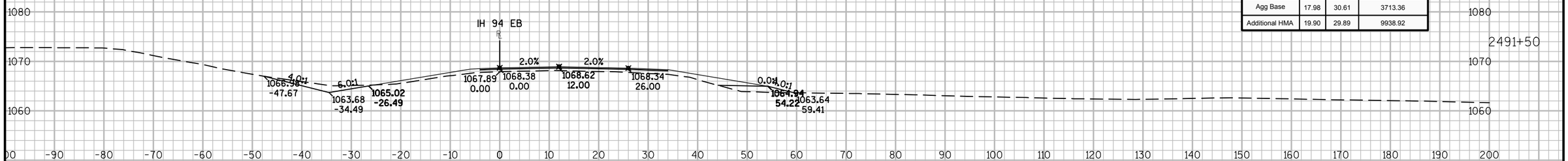
PROJECT NO: 1023-06-73	HWY: IH 94	COUNTY: MONROE	CROSS SECTIONS: IH 94 EB	SHEET 512	E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (46)

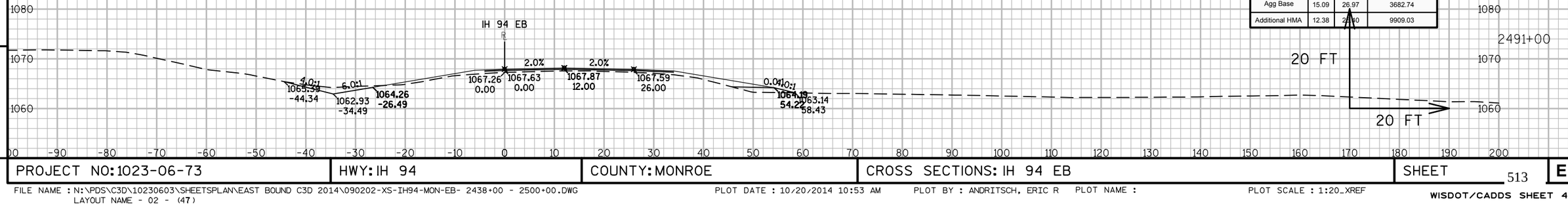
PLOT DATE : 10/20/2014 10:53 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2492+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	14.25	2446.47
Embankment	6.52	17.39	17092.95
Agg Base	29.55	44.01	3757.37
Additional HMA	17.10	34.26	9973.18



Material(s) at Station 2491+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	15.39	25.45	2432.22
Embankment	12.26	19.22	17075.56
Agg Base	17.98	30.61	3713.36
Additional HMA	19.90	29.89	9938.92

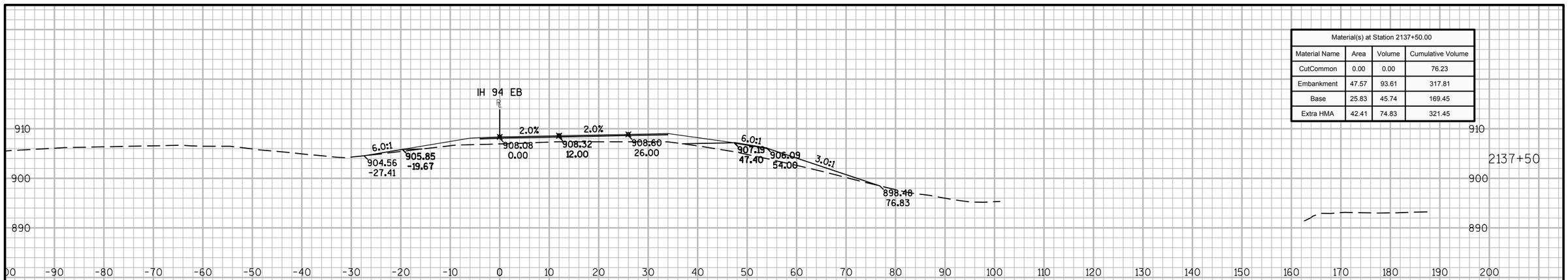


Material(s) at Station 2491+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	12.10	24.44	2406.77
Embankment	8.49	13.88	17056.34
Agg Base	15.09	26.97	3682.74
Additional HMA	12.38	28.90	9909.03

9 9

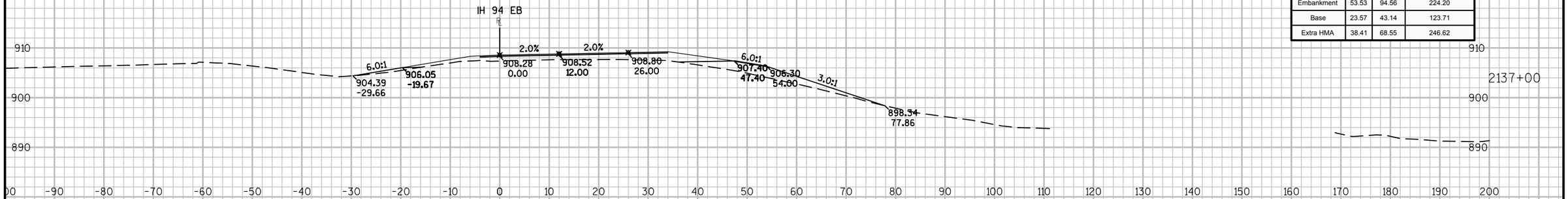
PROJECT NO: 1023-06-73 | HWY: IH 94 | COUNTY: MONROE | CROSS SECTIONS: IH 94 EB | SHEET 513 E

FILE NAME : N:\PDS\C3D\10230603\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-MON-EB- 2438+00 - 2500+00.DWG
LAYOUT NAME - 02 - (47)
PLOT DATE : 10/20/2014 10:53 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



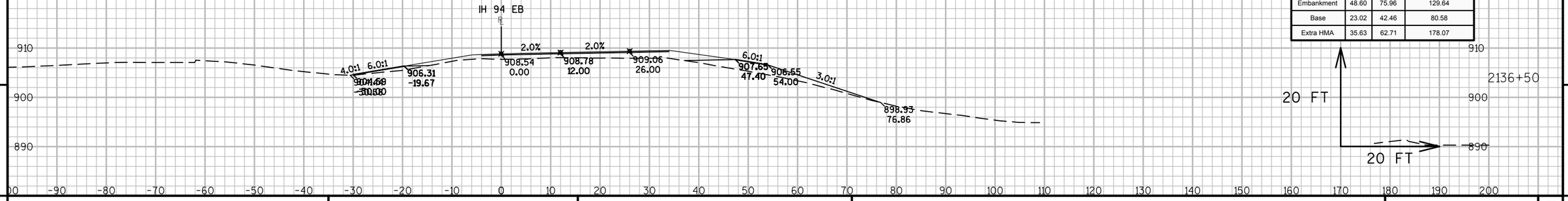
Material(s) at Station 2137+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	76.23
Embankment	47.57	93.61	317.81
Base	25.83	45.74	169.45
Extra HMA	42.41	74.83	321.45

2137+50



Material(s) at Station 2137+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	76.23
Embankment	53.53	94.56	224.20
Base	23.57	43.14	123.71
Extra HMA	38.41	68.55	246.62

2137+00



Material(s) at Station 2136+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	76.23
Embankment	48.60	75.96	129.64
Base	23.02	42.46	80.58
Extra HMA	35.63	62.71	178.07

2136+50

20 FT

20 FT

9

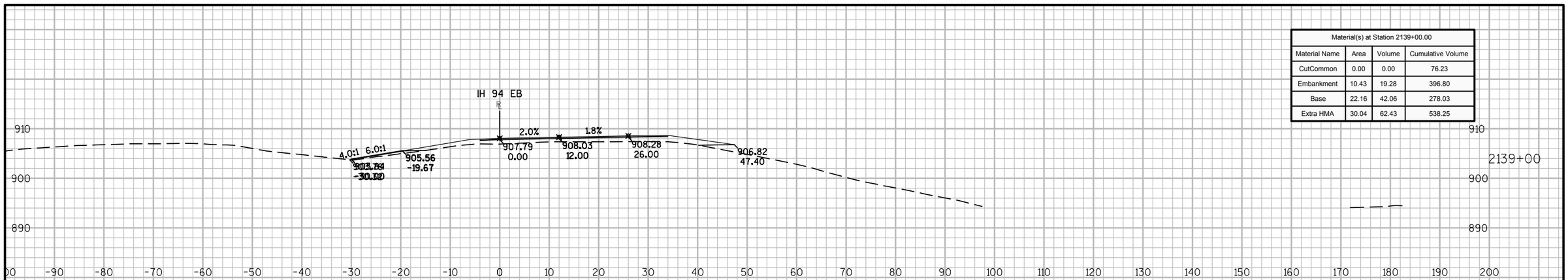
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 514	E

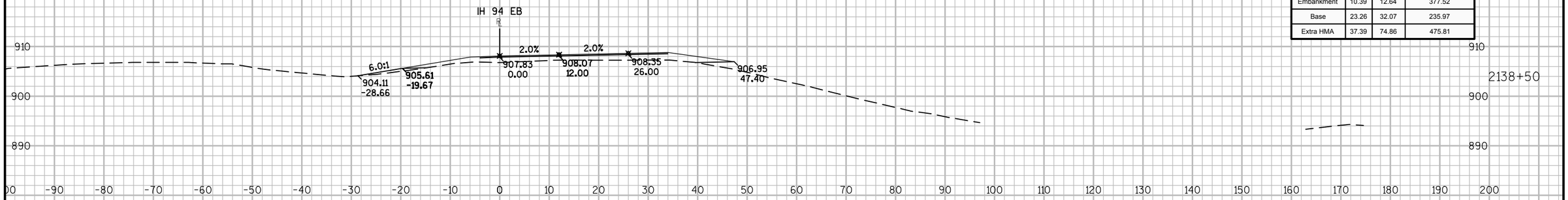
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (2)

PLOT DATE : 10/20/2014 9:46 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

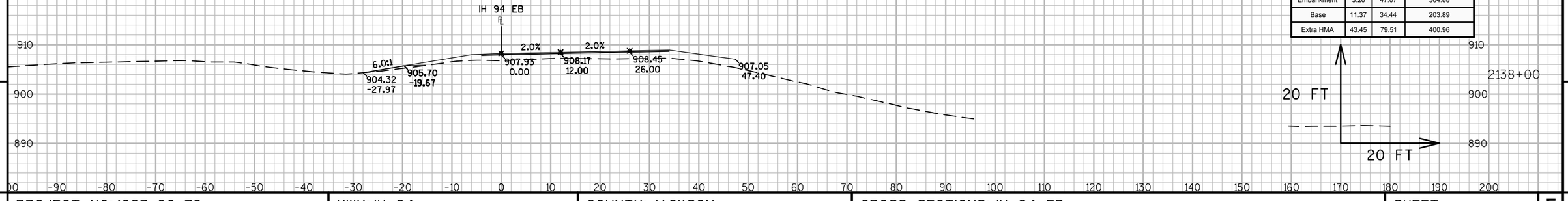
WISDOT/CADDS SHEET 49



Material(s) at Station 2139+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	76.23
Embankment	10.43	19.28	396.80
Base	22.16	42.06	278.03
Extra HMA	30.04	62.43	538.25



Material(s) at Station 2138+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	76.23
Embankment	10.39	12.64	377.52
Base	23.26	32.07	235.97
Extra HMA	37.39	74.86	475.81



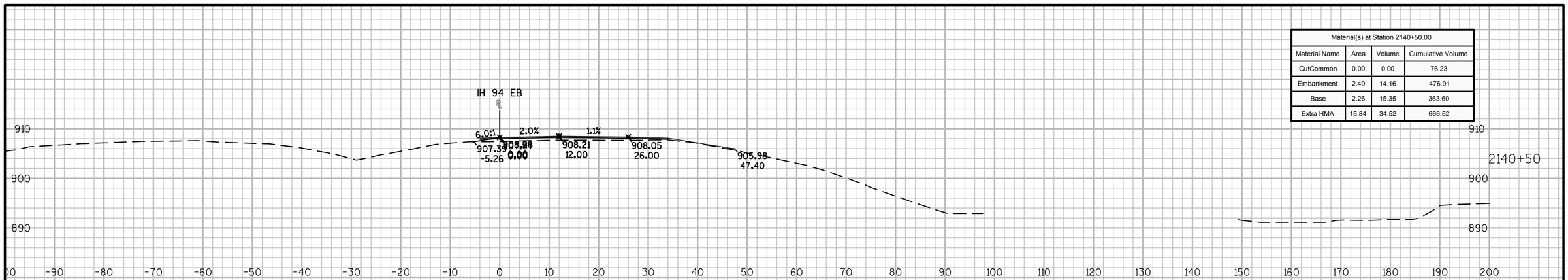
Material(s) at Station 2138+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	76.23
Embankment	3.26	47.07	364.88
Base	11.37	34.44	203.89
Extra HMA	43.45	79.51	400.96

9 9

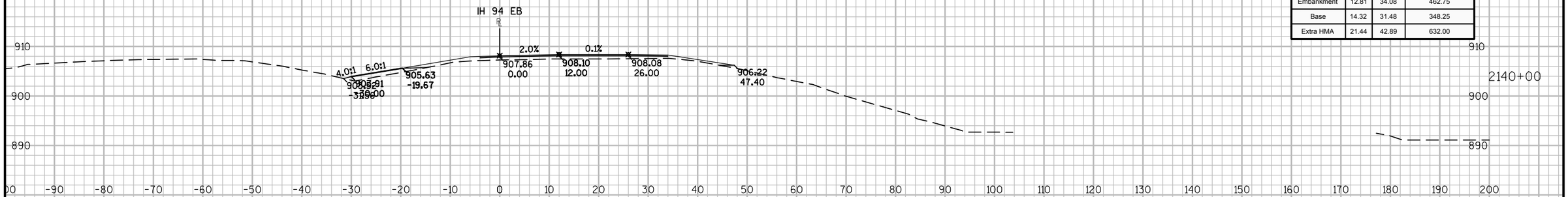
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 515	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (3)

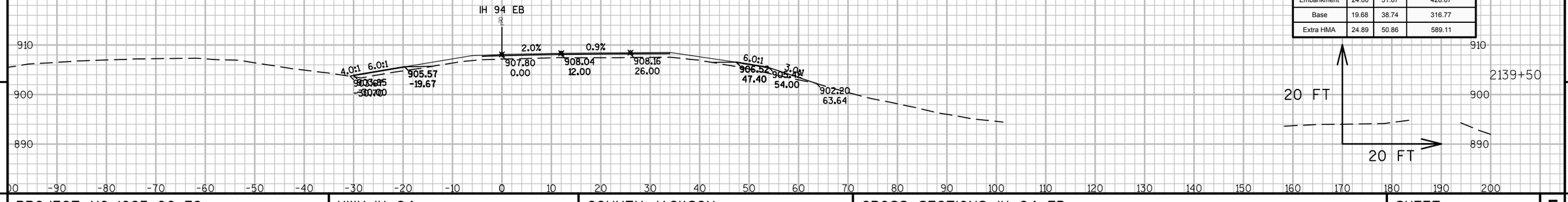
PLOT DATE : 10/20/2014 9:46 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2140+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	76.23
Embankment	2.49	14.16	476.91
Base	2.26	15.35	363.60
Extra HMA	15.84	34.52	666.52



Material(s) at Station 2140+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	76.23
Embankment	12.81	34.08	462.75
Base	14.32	31.48	348.25
Extra HMA	21.44	42.89	632.00



Material(s) at Station 2139+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	76.23
Embankment	24.00	31.87	428.67
Base	19.68	38.74	316.77
Extra HMA	24.89	50.86	589.11

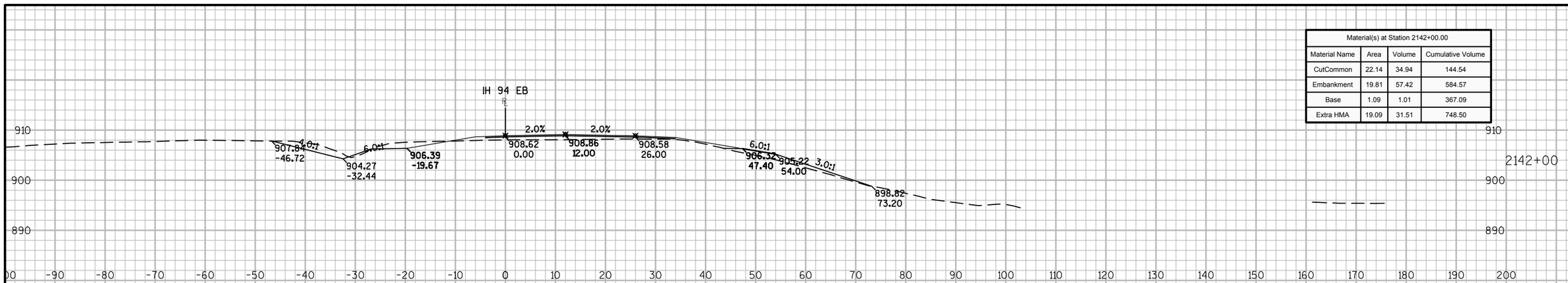
9

9

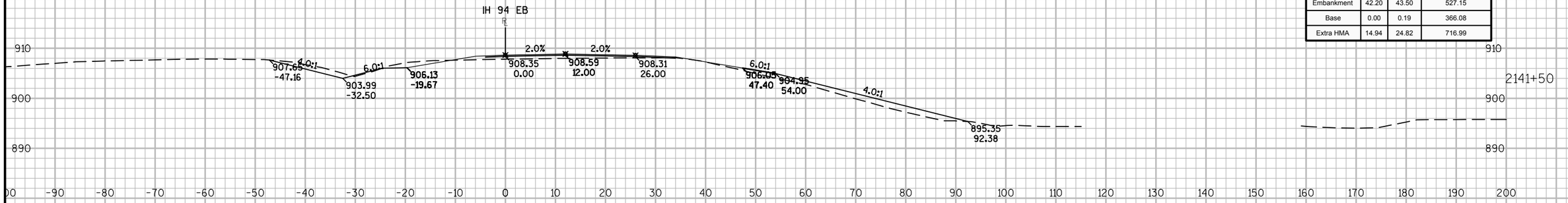
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (4)

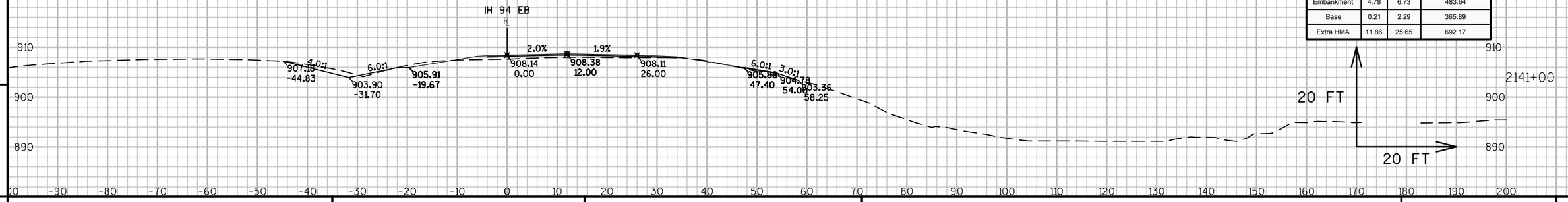
PLOT DATE : 10/20/2014 9:46 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2142+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	22.14	34.94	144.54
Embankment	19.81	57.42	584.57
Base	1.09	1.01	367.09
Extra HMA	19.09	31.51	748.50



Material(s) at Station 2141+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	15.60	23.91	109.60
Embankment	42.20	43.50	527.15
Base	0.00	0.19	366.08
Extra HMA	14.94	24.82	716.99



Material(s) at Station 2141+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	10.22	9.46	85.69
Embankment	4.78	6.73	483.64
Base	0.21	2.29	365.89
Extra HMA	11.86	25.65	692.17

9

9

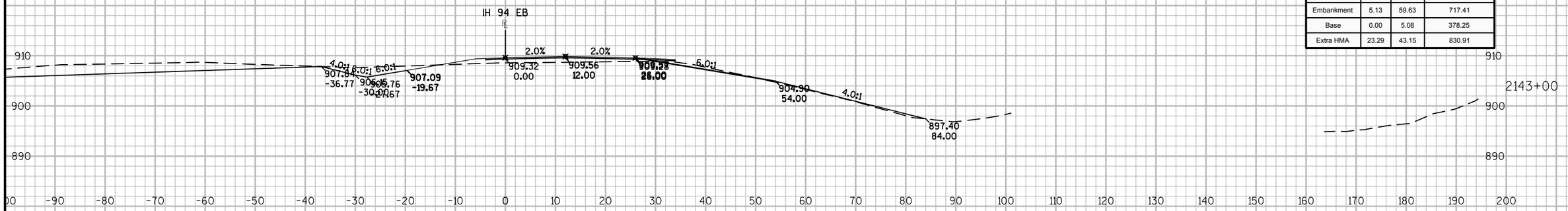
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 517	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (5)

PLOT DATE : 10/20/2014 9:46 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

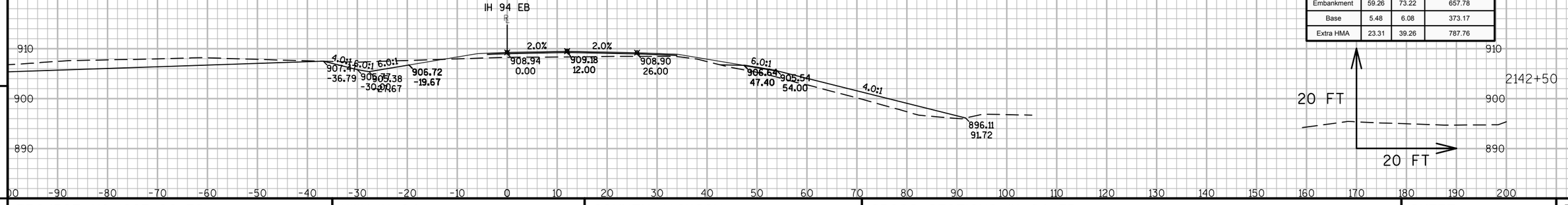
WISDOT/CADDS SHEET 49

Material(s) at Station 2143+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	114.12	200.73	460.82
Embankment	5.13	59.63	717.41
Base	0.00	5.08	378.25
Extra HMA	23.29	43.15	830.91



2143+00

Material(s) at Station 2142+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	102.66	115.55	260.09
Embankment	59.26	73.22	657.78
Base	5.48	6.08	373.17
Extra HMA	23.31	39.26	787.76



2142+50

20 FT

20 FT

9

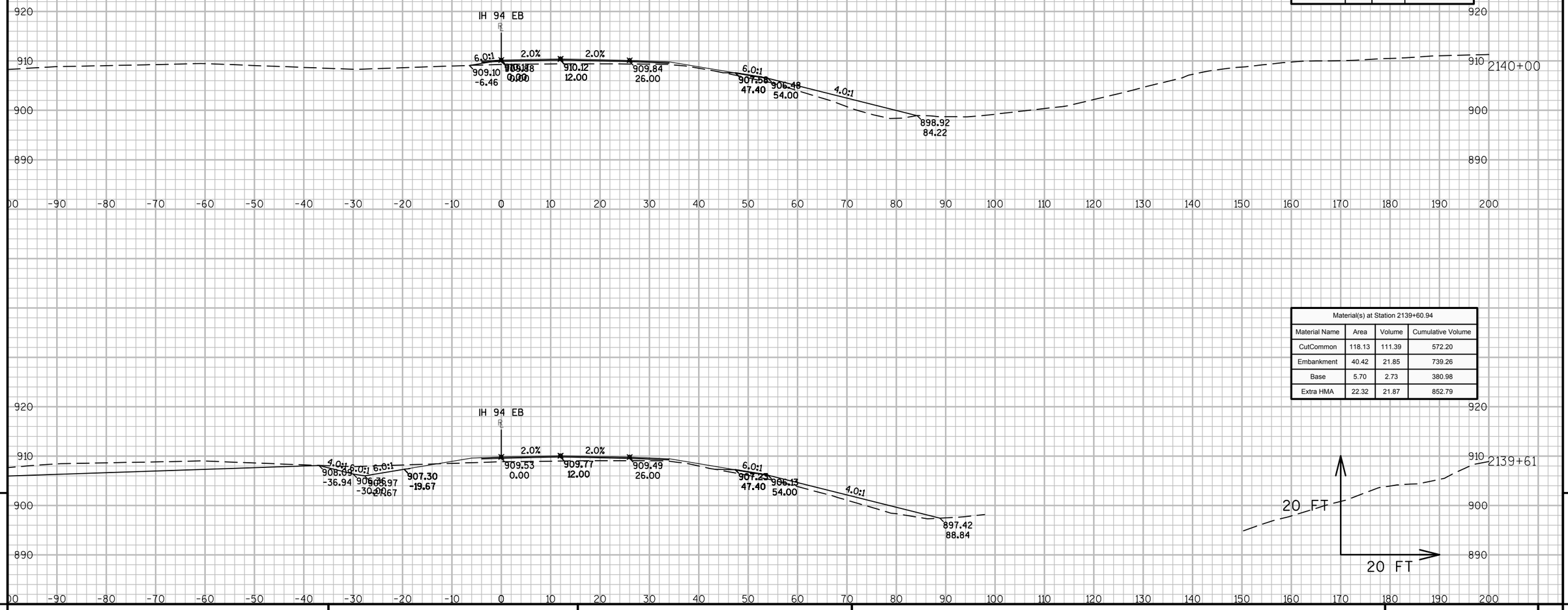
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 518	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (6)

PLOT DATE : 10/20/2014 9:46 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2140+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	85.44	657.65
Embankment	48.41	64.26	803.52
Base	4.00	7.01	387.99
Extra HMA	20.60	31.05	883.83



Material(s) at Station 2139+60.94			
Material Name	Area	Volume	Cumulative Volume
CutCommon	118.13	111.39	572.20
Embankment	40.42	21.85	739.26
Base	5.70	2.73	380.98
Extra HMA	22.32	21.87	852.79

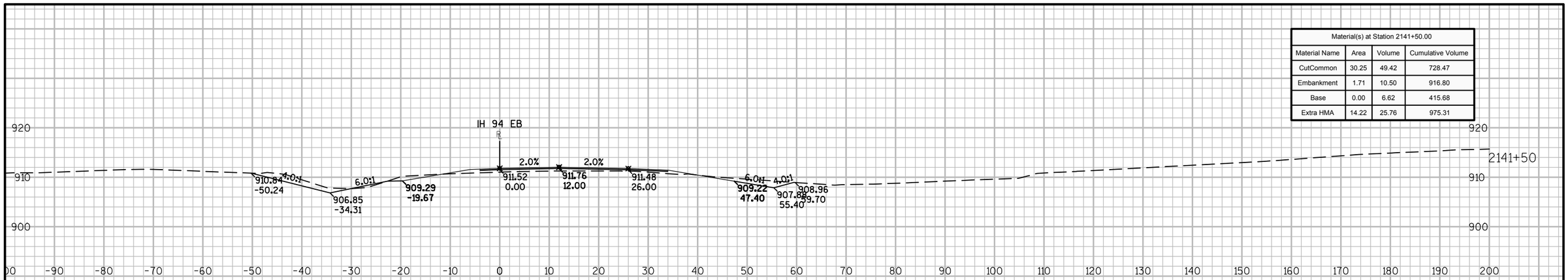
9

9

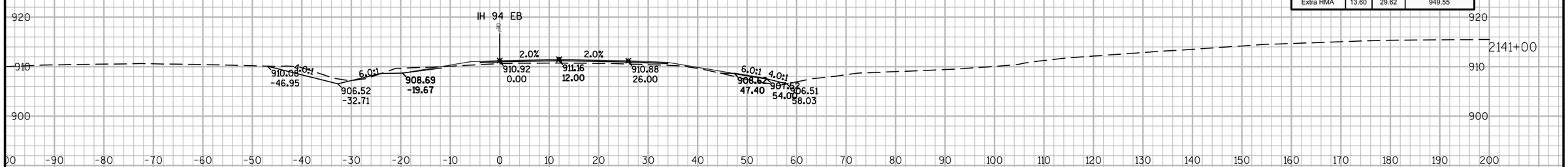
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 519	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (7)

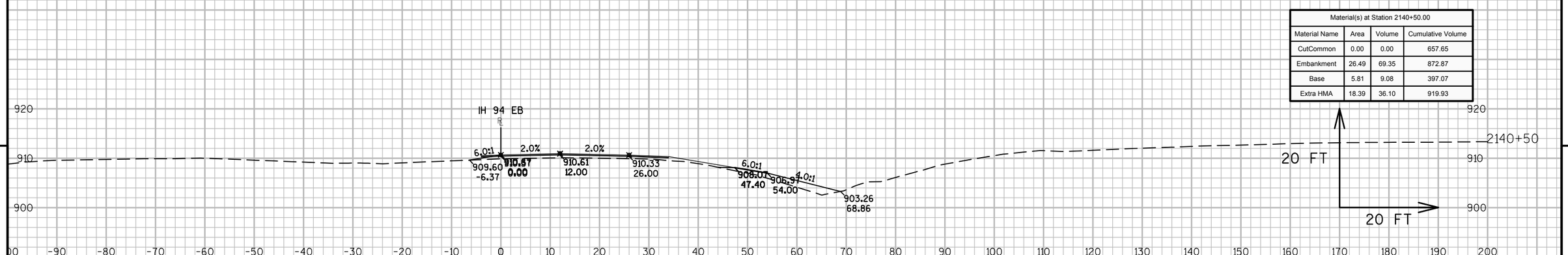
PLOT DATE : 10/20/2014 9:46 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2141+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	30.25	49.42	728.47
Embankment	1.71	10.50	916.80
Base	0.00	6.62	415.68
Extra HMA	14.22	25.76	975.31



Material(s) at Station 2141+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	23.12	21.41	679.06
Embankment	9.63	33.44	906.30
Base	7.14	11.99	409.06
Extra HMA	13.60	29.62	949.55

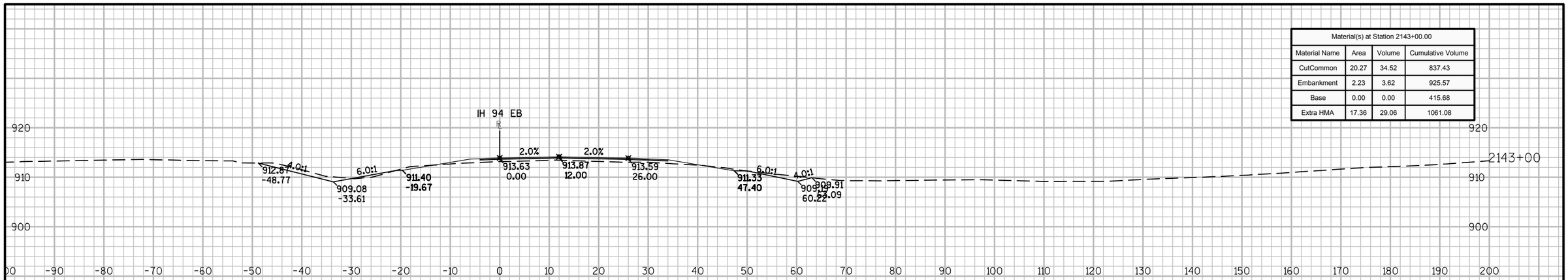


Material(s) at Station 2140+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	657.65
Embankment	26.49	69.35	872.87
Base	5.81	9.08	397.07
Extra HMA	18.39	36.10	919.93

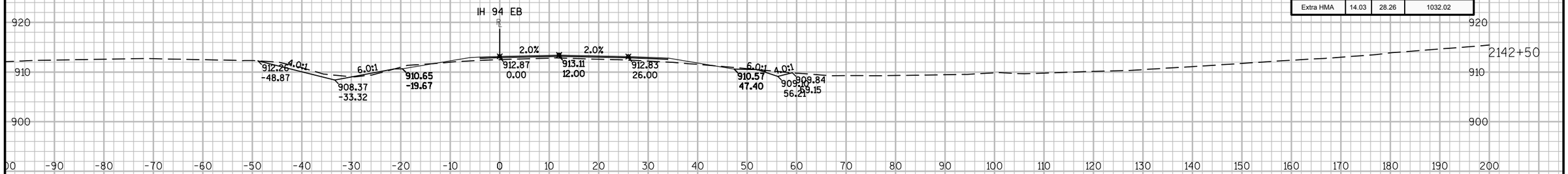
9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 520	E

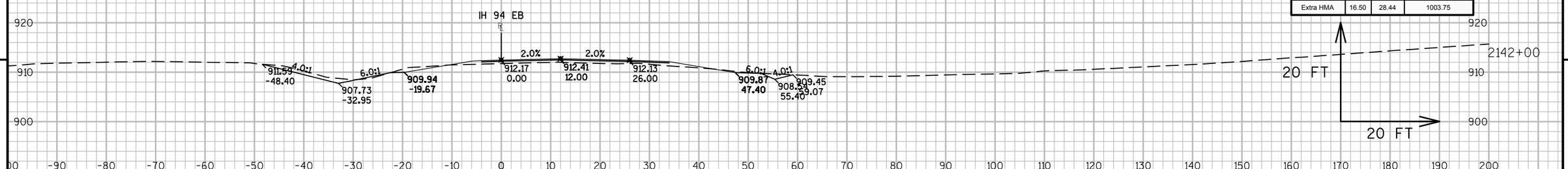
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (8)
PLOT DATE : 10/20/2014 9:46 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2143+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	20.27	34.52	837.43
Embankment	2.23	3.62	925.57
Base	0.00	0.00	415.68
Extra HMA	17.36	29.06	1061.08



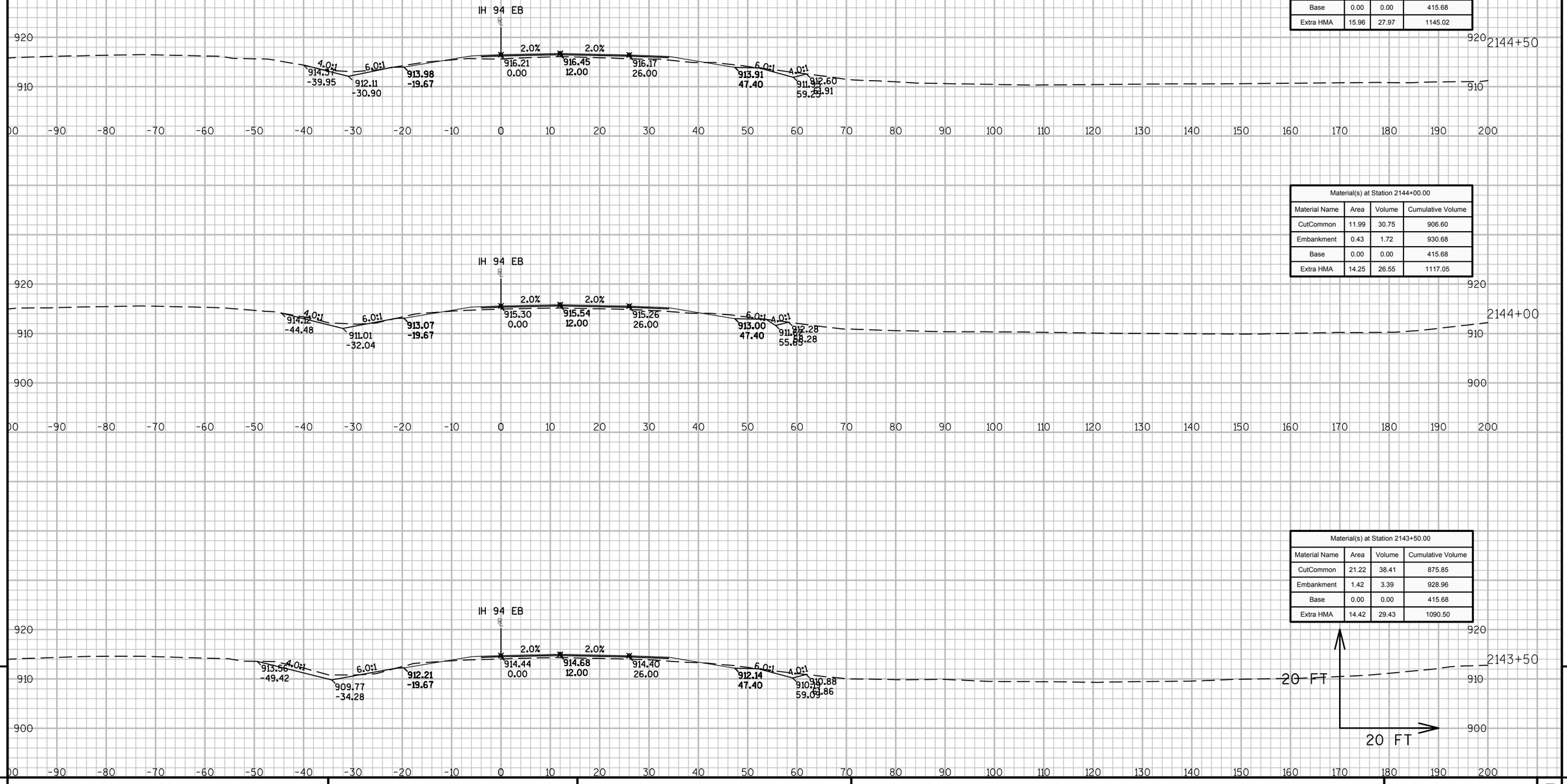
Material(s) at Station 2142+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	17.00	31.09	802.92
Embankment	1.68	2.56	921.95
Base	0.00	0.00	415.68
Extra HMA	14.03	28.26	1032.02



Material(s) at Station 2142+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	16.57	43.35	771.83
Embankment	1.09	2.59	919.39
Base	0.00	0.00	415.68
Extra HMA	16.50	28.44	1003.75

9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 521	E



Material(s) at Station 2144+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	12.24	22.43	929.03
Embankment	0.00	0.40	931.08
Base	0.00	0.00	415.68
Extra HMA	15.96	27.97	1145.02

Material(s) at Station 2144+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	11.99	30.75	906.60
Embankment	0.43	1.72	930.68
Base	0.00	0.00	415.68
Extra HMA	14.25	26.55	1117.05

Material(s) at Station 2143+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	21.22	38.41	875.85
Embankment	1.42	3.39	928.96
Base	0.00	0.00	415.68
Extra HMA	14.42	29.43	1090.50

9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 522	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (10)
PLOT DATE : 10/20/2014 9:46 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49

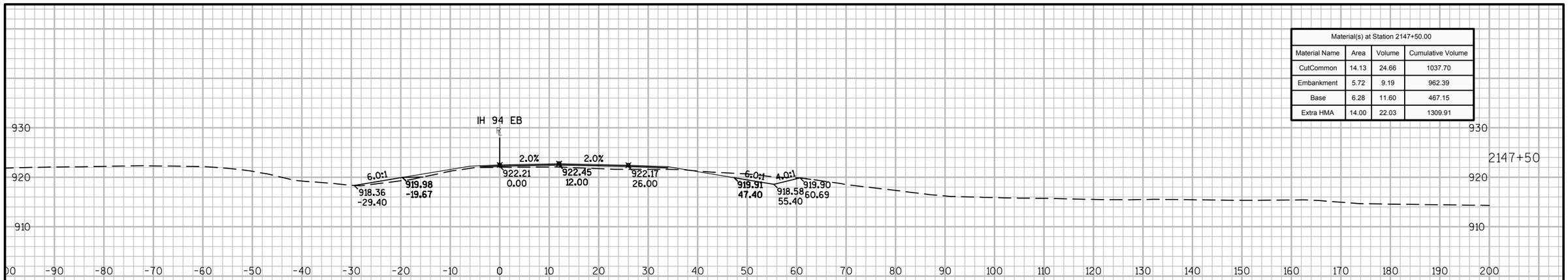
9

9

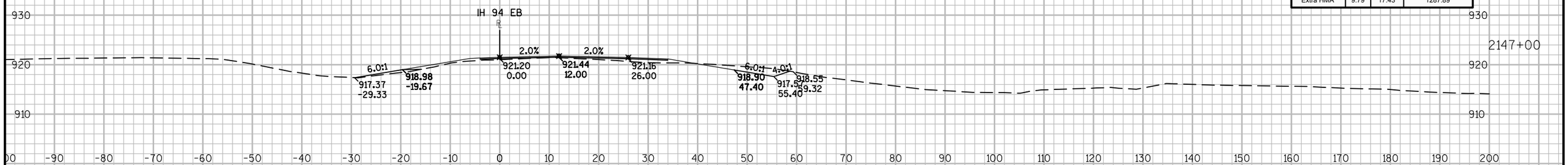
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 523	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (11)

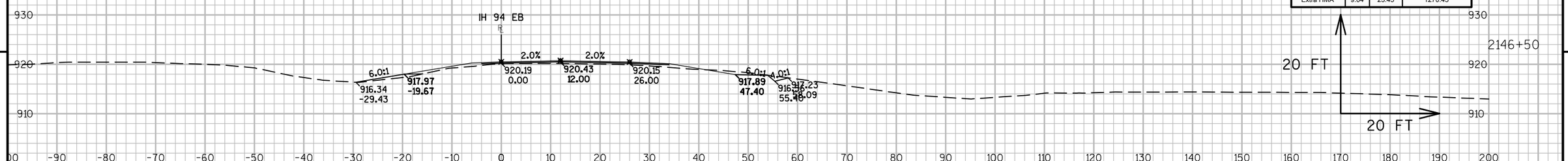
PLOT DATE : 10/20/2014 9:47 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2147+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	14.13	24.66	1037.70
Embankment	5.72	9.19	962.39
Base	6.28	11.60	467.15
Extra HMA	14.00	22.03	1309.91



Material(s) at Station 2147+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	12.51	15.62	1013.03
Embankment	4.21	8.40	953.20
Base	6.24	12.18	455.55
Extra HMA	9.79	17.43	1287.89

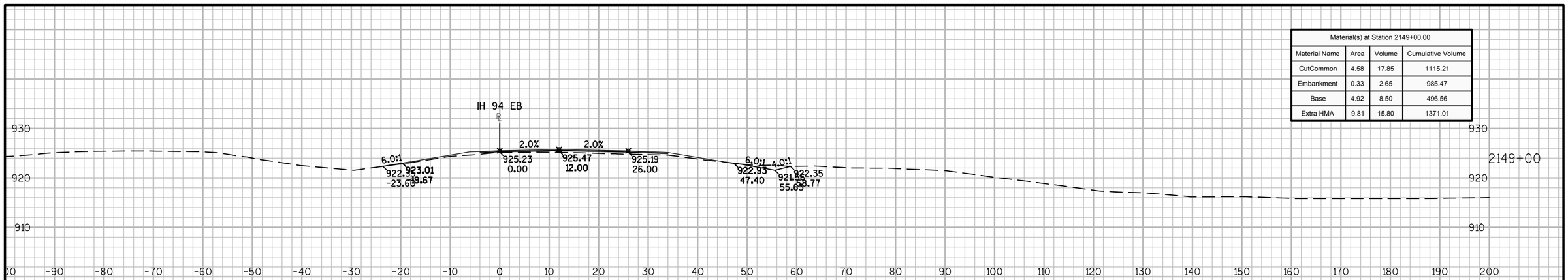


Material(s) at Station 2146+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	4.36	12.50	997.42
Embankment	4.86	5.64	944.80
Base	6.92	11.91	443.37
Extra HMA	9.04	23.45	1270.45

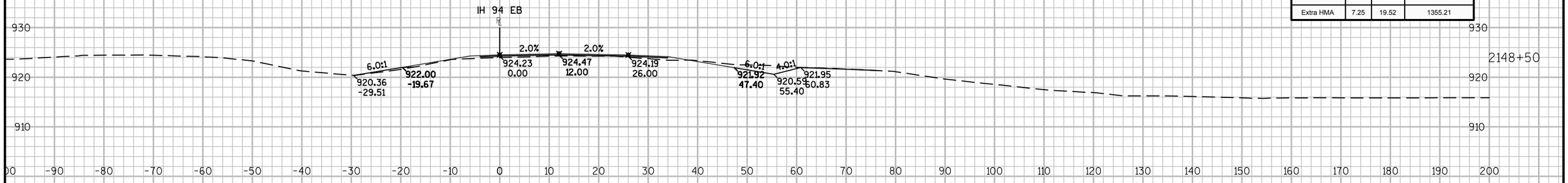
9

9

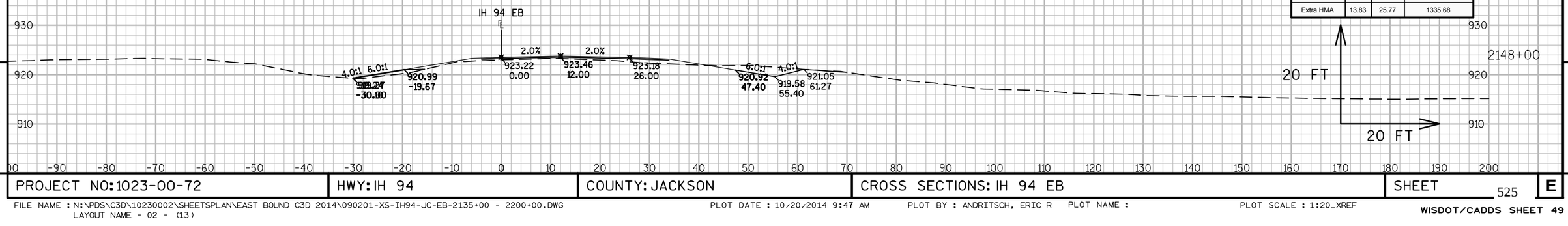
PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 524 | E



Material(s) at Station 2149+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	4.58	17.85	1115.21
Embankment	0.33	2.65	985.47
Base	4.92	8.50	496.56
Extra HMA	9.81	15.80	1371.01



Material(s) at Station 2148+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	14.70	30.10	1097.36
Embankment	2.53	8.74	982.82
Base	4.26	9.52	488.06
Extra HMA	7.25	19.52	1355.21



Material(s) at Station 2148+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	17.80	29.57	1067.27
Embankment	6.91	11.69	974.08
Base	6.02	11.39	478.54
Extra HMA	13.83	25.77	1335.68

9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 525	E

Material(s) at Station 2150+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1119.45
Embankment	22.89	54.38	1097.91
Base	12.30	25.38	566.91
Extra HMA	13.32	24.83	1442.84

Material(s) at Station 2150+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1119.45
Embankment	35.84	45.47	1043.54
Base	15.11	27.20	541.53
Extra HMA	13.50	25.21	1418.00

Material(s) at Station 2149+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	4.24	1119.45
Embankment	13.27	12.59	998.06
Base	14.27	17.76	514.32
Extra HMA	13.72	21.79	1392.80

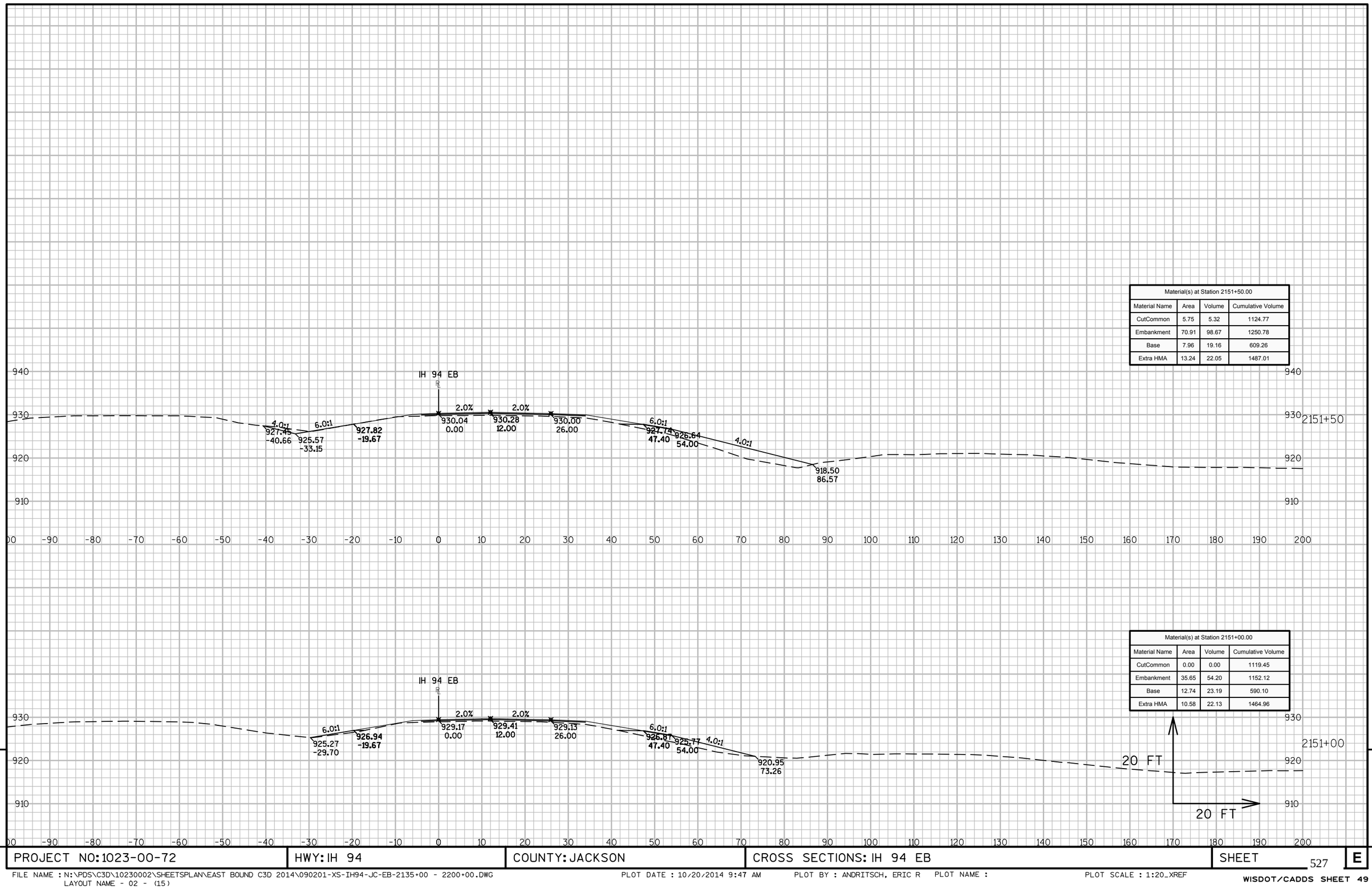
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (14)

PLOT DATE : 10/20/2014 9:47 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2151+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	5.75	5.32	1124.77
Embankment	70.91	98.67	1250.78
Base	7.96	19.16	609.26
Extra HMA	13.24	22.05	1487.01

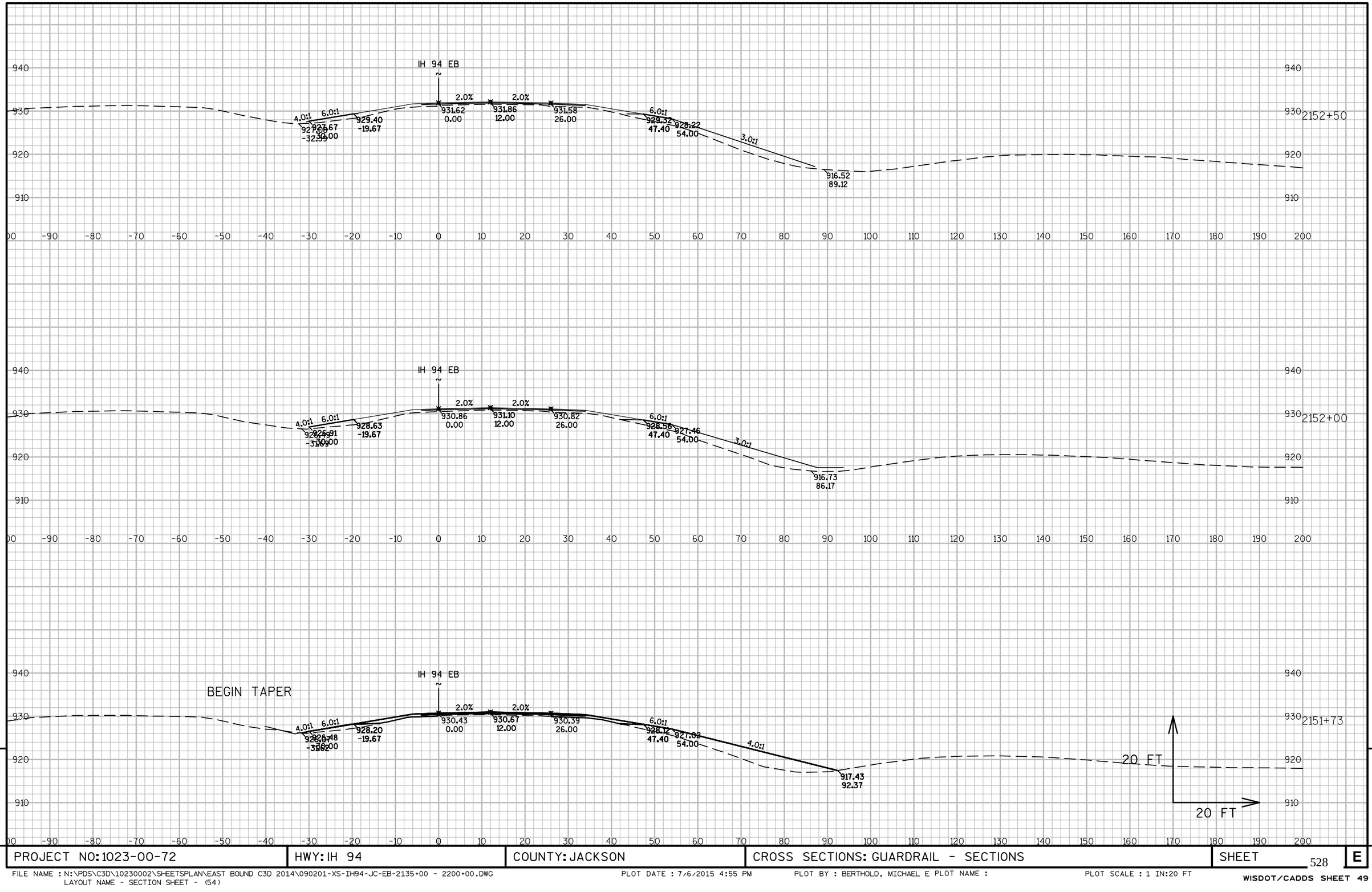
Material(s) at Station 2151+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1119.45
Embankment	35.65	54.20	1152.12
Base	12.74	23.19	590.10
Extra HMA	10.58	22.13	1464.96

9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 527	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (15)
PLOT DATE : 10/20/2014 9:47 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



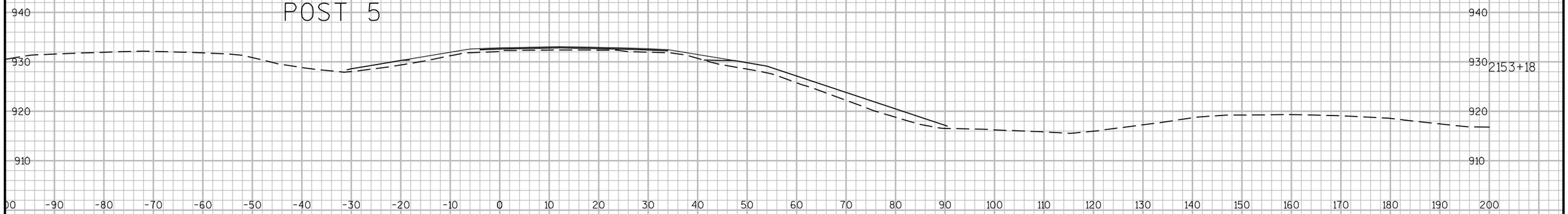
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: GUARDRAIL - SECTIONS	SHEET 528 E

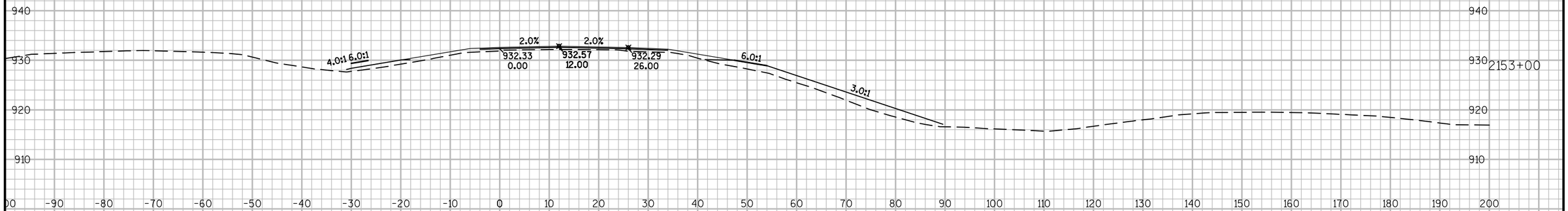
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - SECTION SHEET - (54)

PLOT DATE : 7/6/2015 4:55 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:20 FT

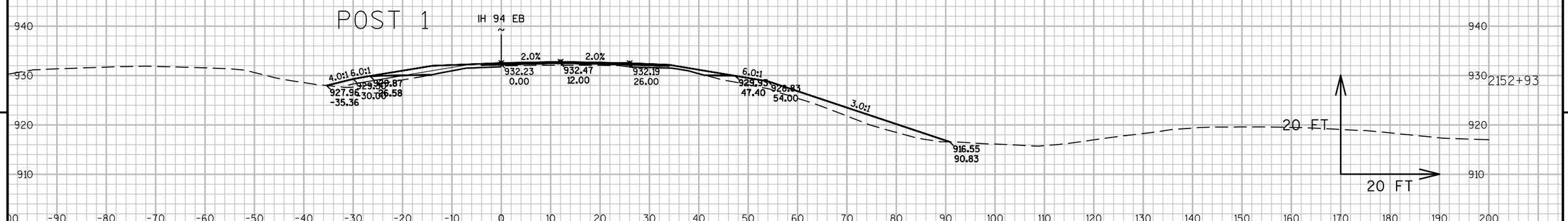
WISDOT/CADDS SHEET 49

POST 5



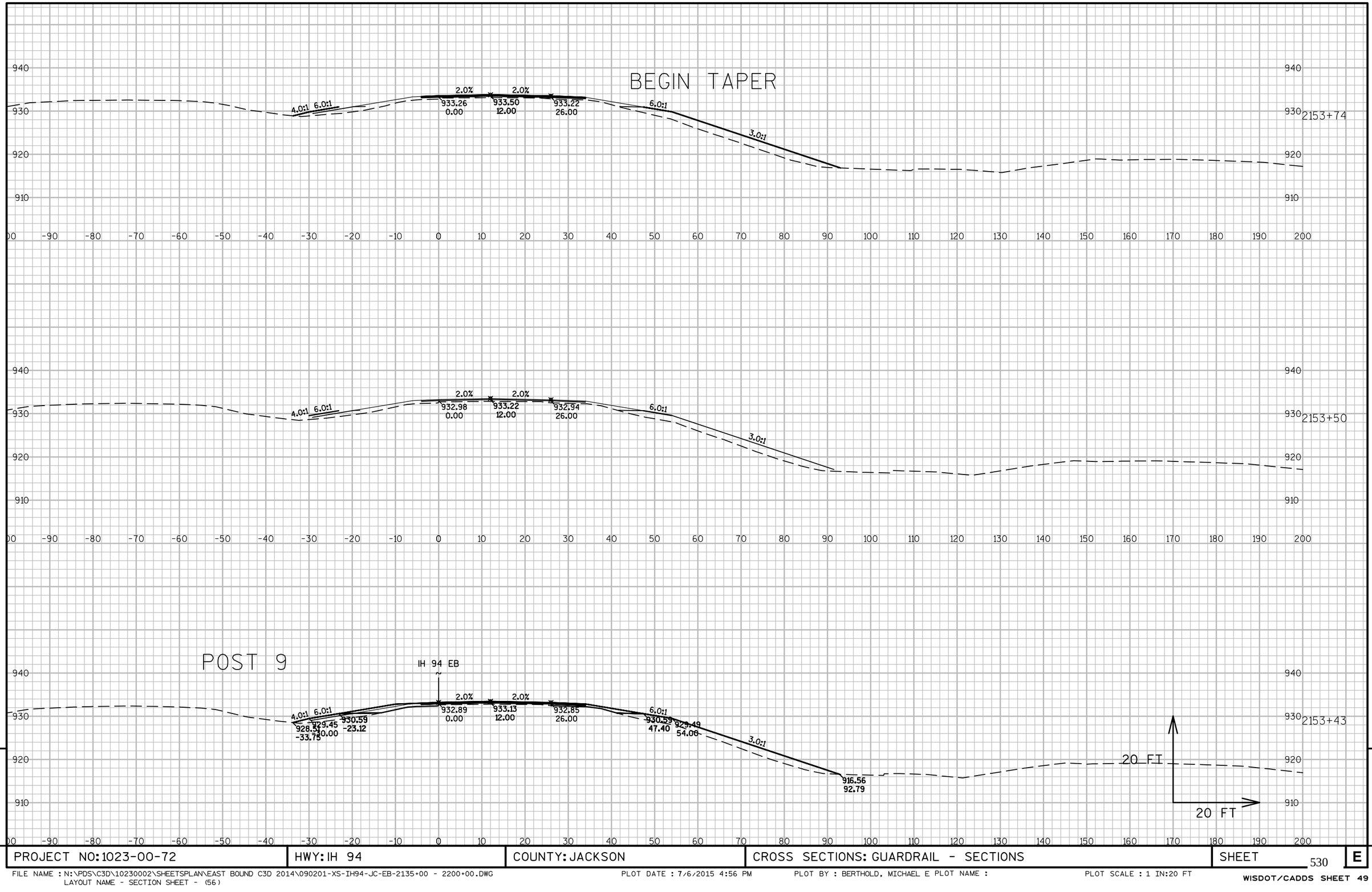


POST 1



9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: GUARDRAIL - SECTIONS	SHEET 529	E



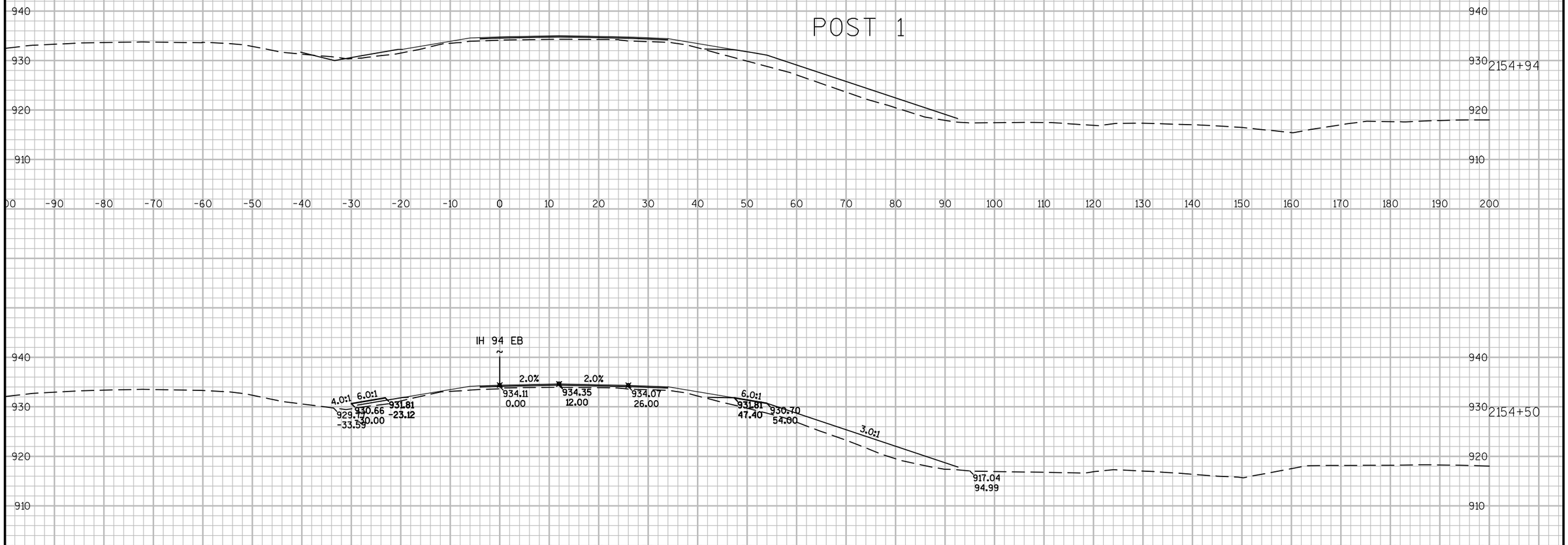
9

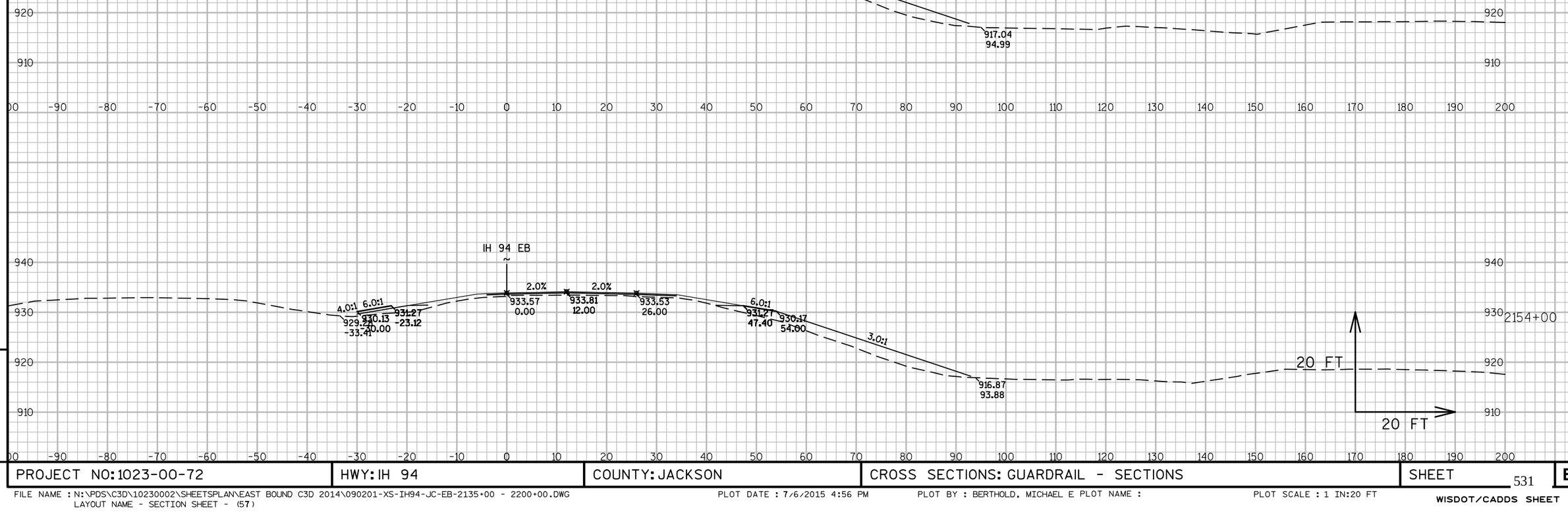
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: GUARDRAIL - SECTIONS	SHEET 530	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - SECTION SHEET - (56)
PLOT DATE : 7/6/2015 4:56 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

POST 1





9

9

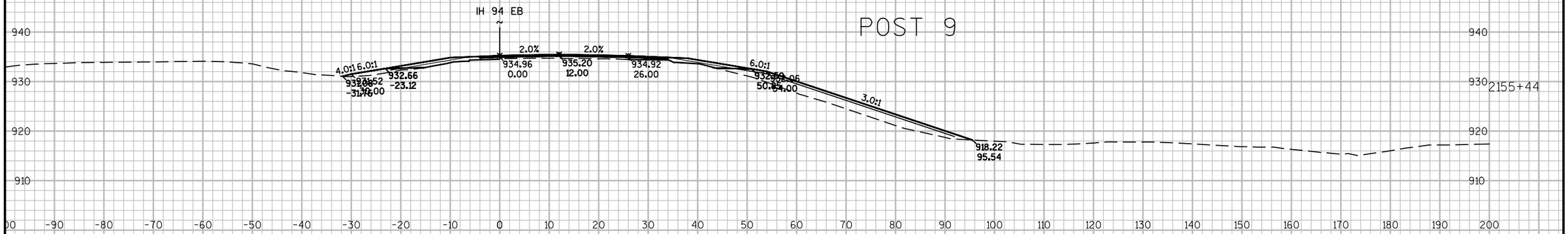
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: GUARDRAIL - SECTIONS	SHEET 531	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - SECTION SHEET - (57)

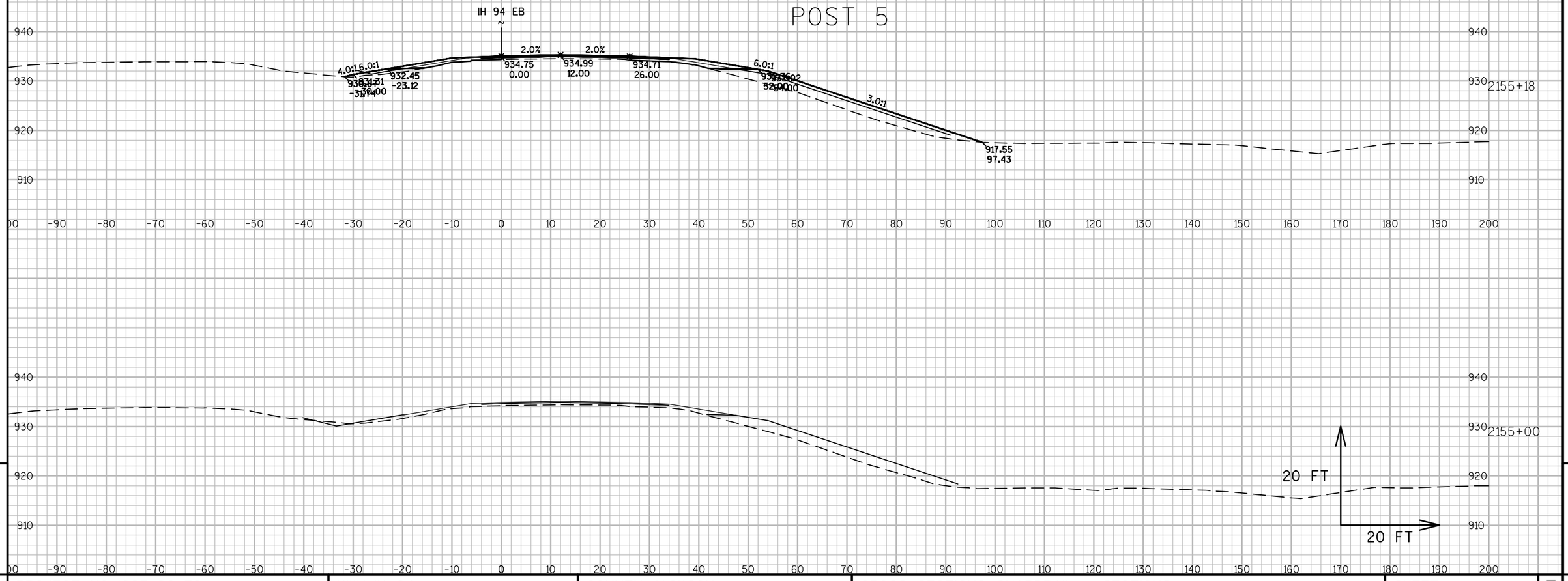
PLOT DATE : 7/6/2015 4:56 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

POST 9



POST 5



9

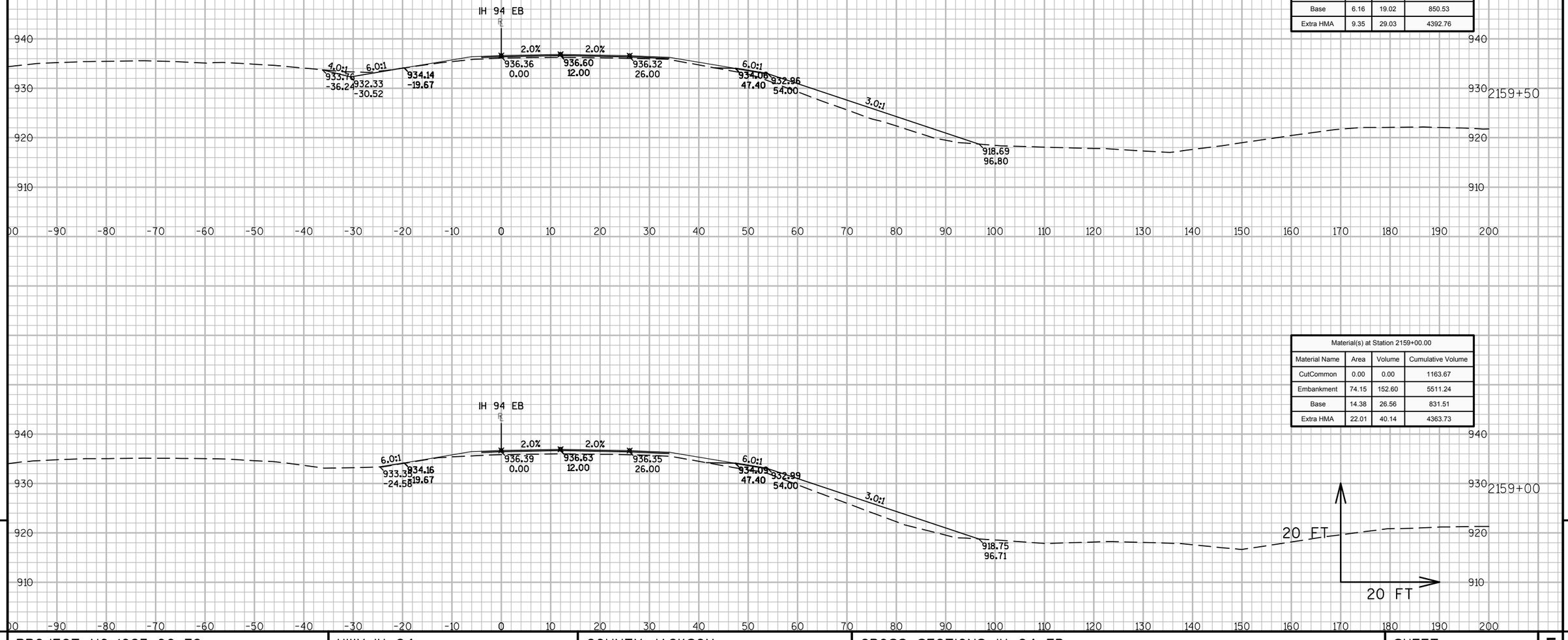
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: GUARDRAIL - SECTIONS	SHEET 532	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - SECTION SHEET - (58)

PLOT DATE : 7/6/2015 4:56 PM PLOT BY : BERTHOLD, MICHAEL E PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



Material(s) at Station 2159+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	5.87	5.43	1169.11
Embankment	79.22	142.00	5653.25
Base	6.16	19.02	850.53
Extra HMA	9.35	29.03	4392.76

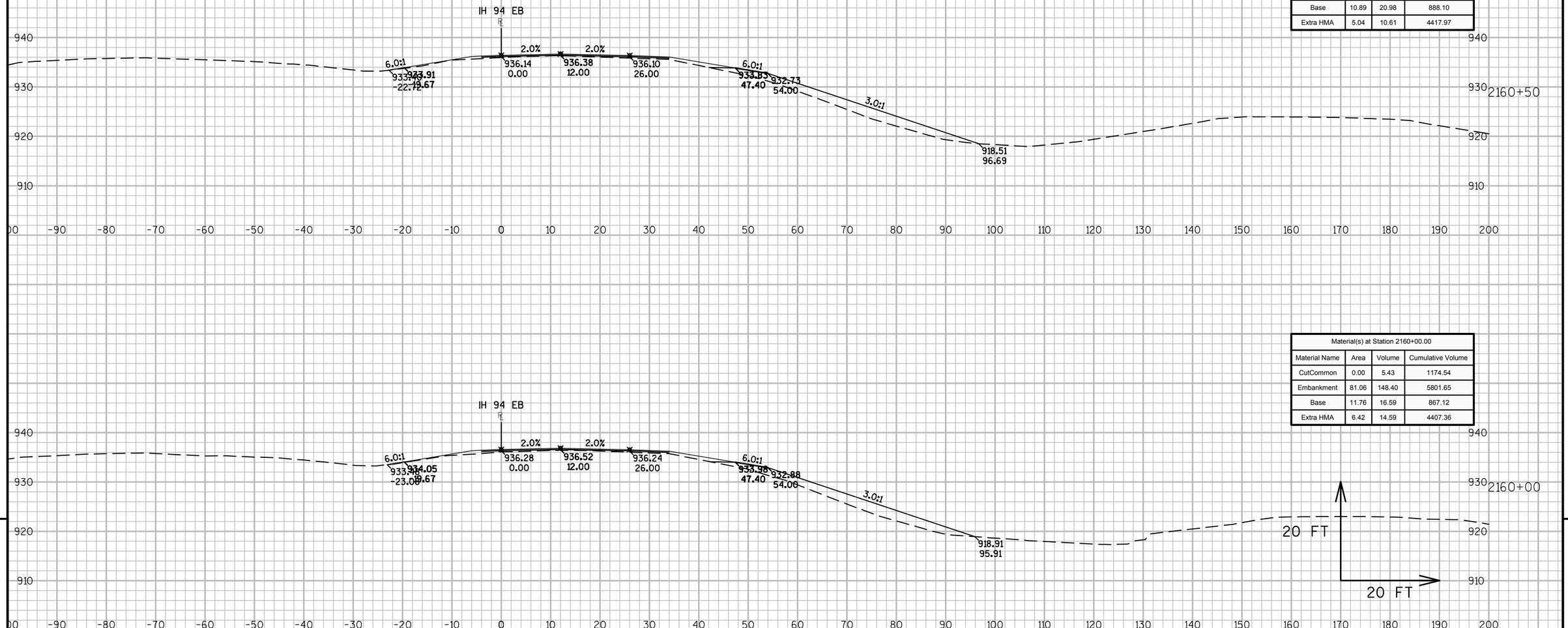
Material(s) at Station 2159+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1163.67
Embankment	74.15	152.60	5511.24
Base	14.38	26.56	831.51
Extra HMA	22.01	40.14	4363.73

9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 533	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (23)

PLOT DATE : 10/20/2014 9:48 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2160+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1174.54
Embankment	80.34	149.44	5951.09
Base	10.89	20.98	888.10
Extra HMA	5.04	10.61	4417.97

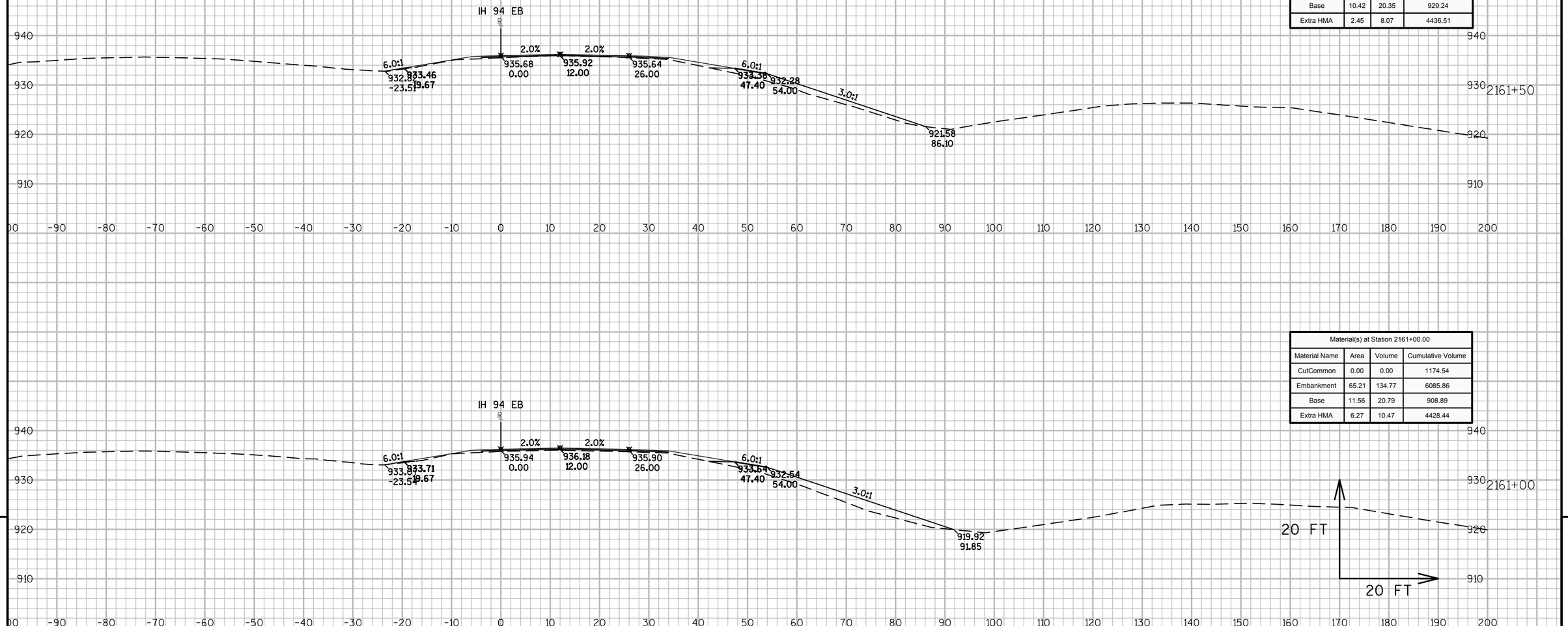
Material(s) at Station 2160+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	5.43	1174.54
Embankment	81.06	148.40	5801.65
Base	11.76	16.59	867.12
Extra HMA	6.42	14.59	4407.36

9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 534	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (24)
PLOT DATE : 10/20/2014 9:48 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2161+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1174.54
Embankment	41.43	98.74	6184.60
Base	10.42	20.35	929.24
Extra HMA	2.45	8.07	4436.51

Material(s) at Station 2161+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1174.54
Embankment	65.21	134.77	6085.86
Base	11.56	20.79	908.89
Extra HMA	6.27	10.47	4428.44

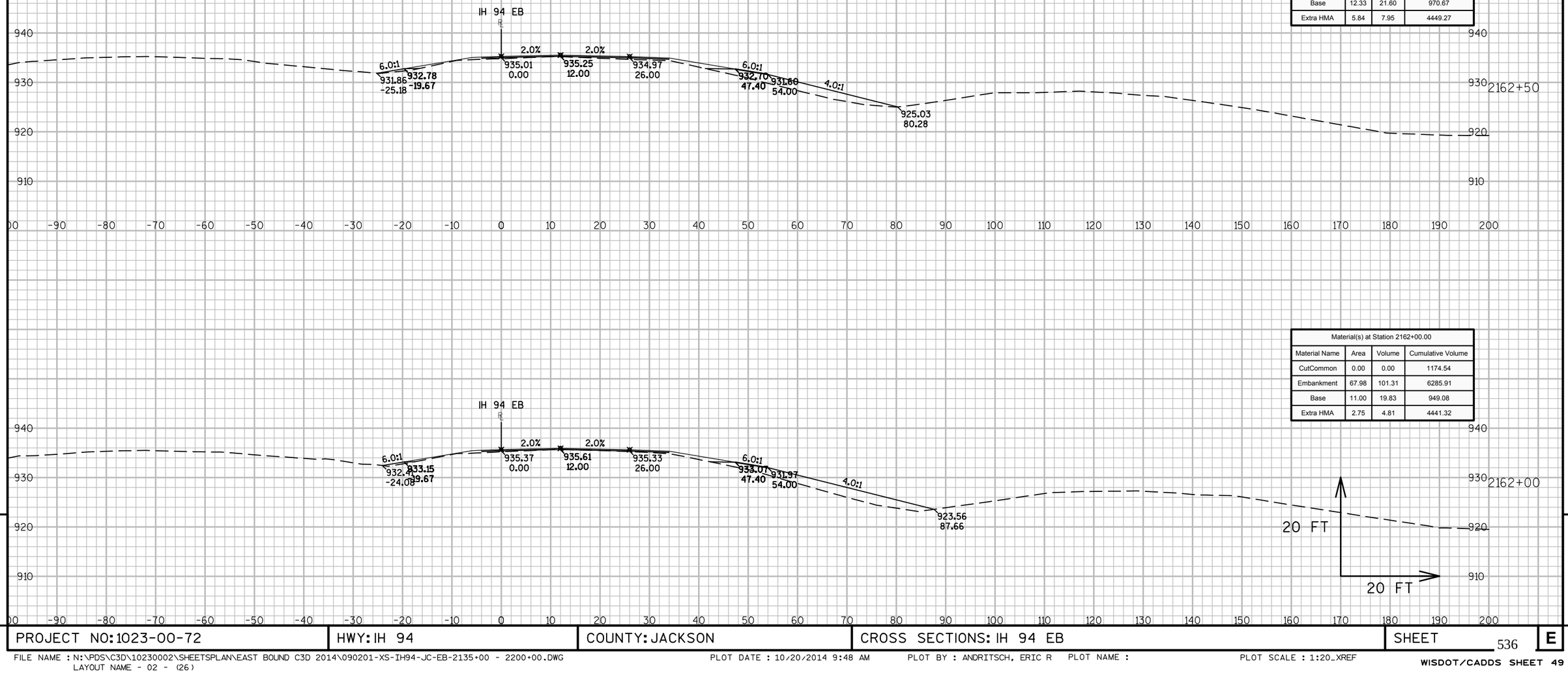
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 535	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (25)

PLOT DATE : 10/20/2014 9:48 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2162+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1174.54
Embankment	52.30	111.36	6397.27
Base	12.33	21.60	970.67
Extra HMA	5.84	7.95	4449.27

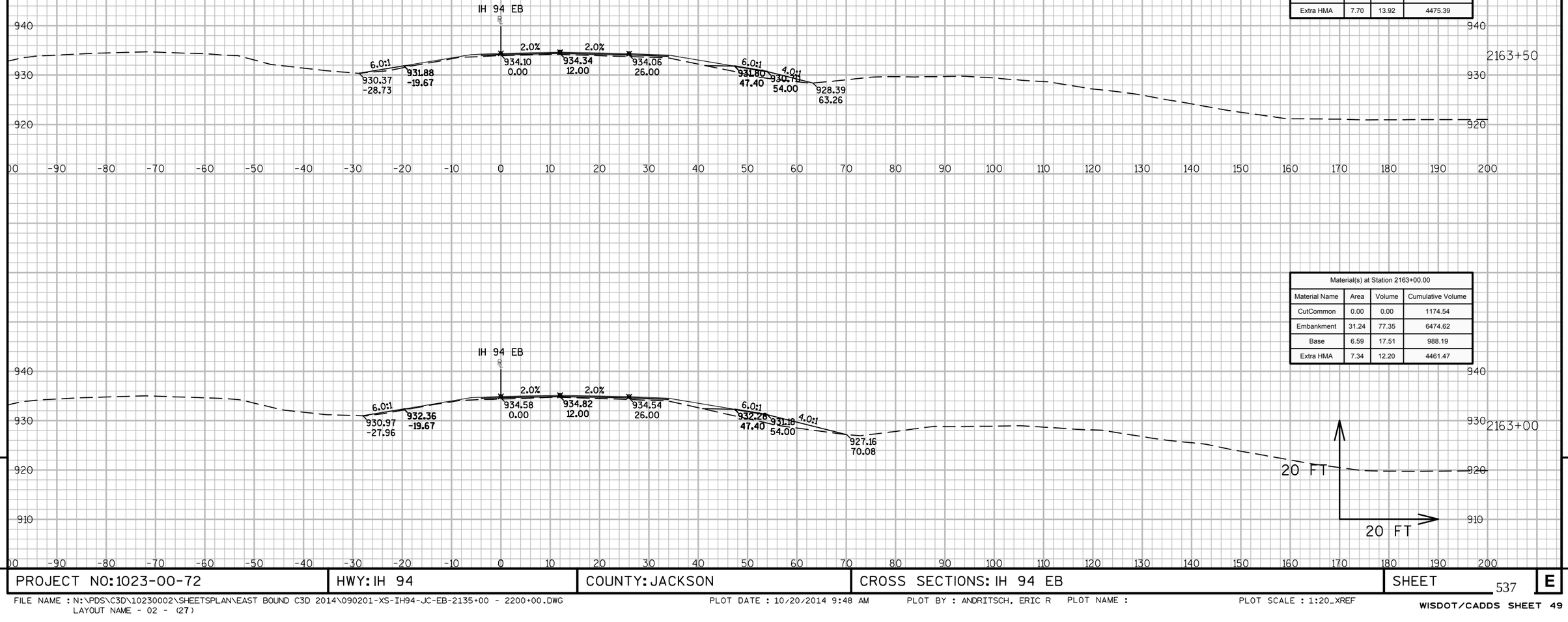
Material(s) at Station 2162+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1174.54
Embankment	67.98	101.31	6285.91
Base	11.00	19.83	949.08
Extra HMA	2.75	4.81	4441.32

9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 536 E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (26)

PLOT DATE : 10/20/2014 9:48 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2163+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1174.54
Embankment	21.30	48.65	6523.26
Base	11.96	17.18	1005.36
Extra HMA	7.70	13.92	4475.39

Material(s) at Station 2163+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1174.54
Embankment	31.24	77.35	6474.62
Base	6.59	17.51	988.19
Extra HMA	7.34	12.20	4461.47

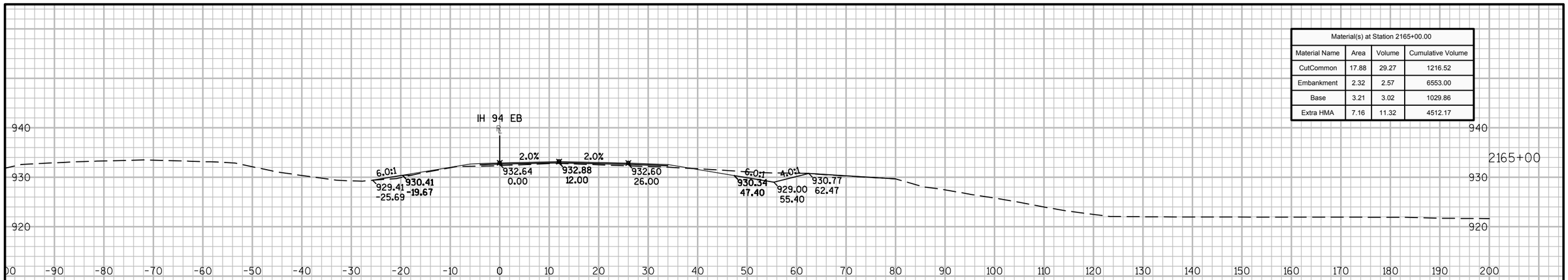
9

9

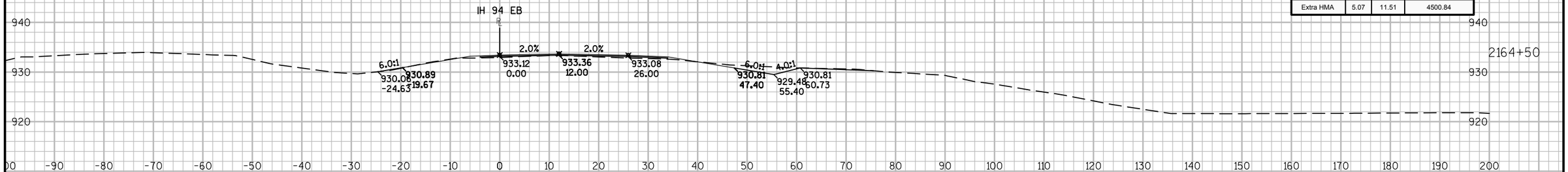
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 537	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (27)

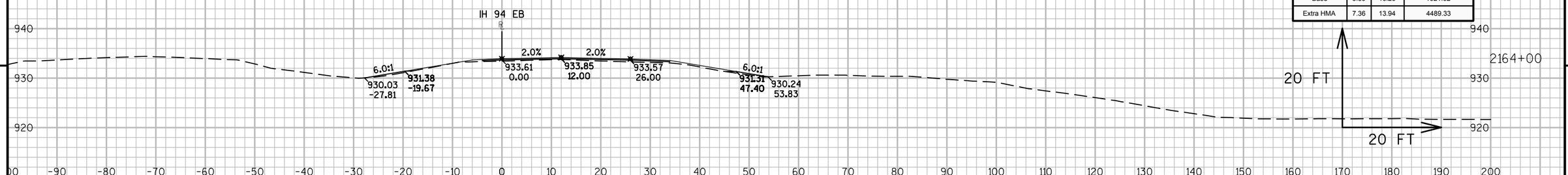
PLOT DATE : 10/20/2014 9:48 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2165+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	17.88	29.27	1216.52
Embankment	2.32	2.57	6553.00
Base	3.21	3.02	1029.86
Extra HMA	7.16	11.32	4512.17



Material(s) at Station 2164+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	13.73	12.71	1187.25
Embankment	0.46	3.93	6550.43
Base	0.05	5.22	1026.84
Extra HMA	5.07	11.51	4500.84

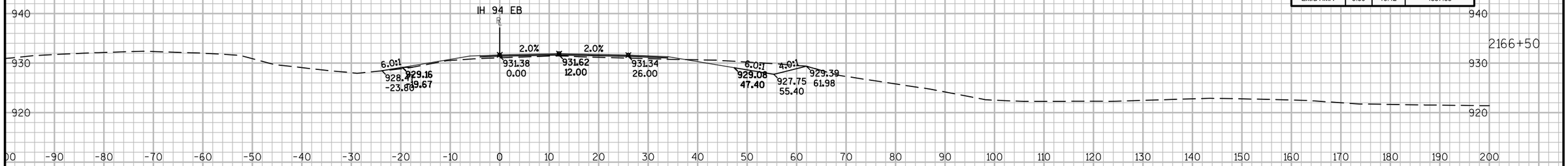


Material(s) at Station 2164+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1174.54
Embankment	3.78	23.23	6546.49
Base	5.59	16.26	1021.62
Extra HMA	7.36	13.94	4489.33

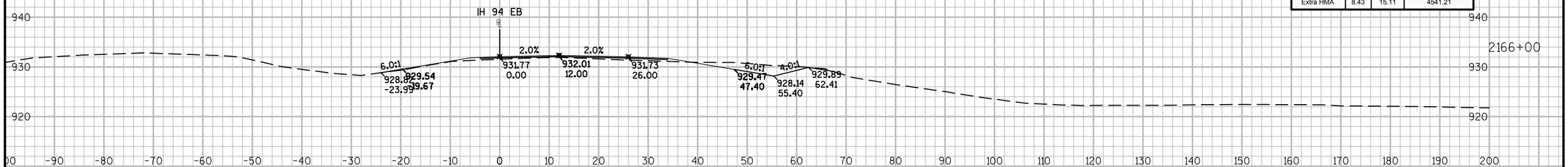
9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 538	E

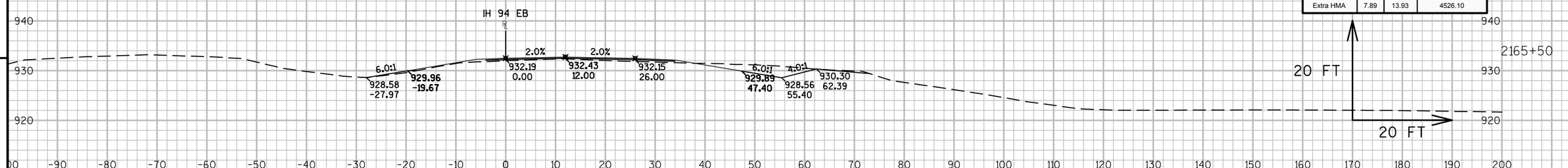
Material(s) at Station 2166+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	20.92	40.31	1339.47
Embankment	0.87	1.27	6560.33
Base	4.80	7.60	1050.86
Extra HMA	9.30	16.42	4557.63



Material(s) at Station 2166+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	22.61	43.51	1299.16
Embankment	0.49	2.18	6559.06
Base	3.40	6.79	1043.26
Extra HMA	8.43	15.11	4541.21



Material(s) at Station 2165+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	24.38	39.13	1255.65
Embankment	1.87	3.87	6556.88
Base	3.93	6.62	1036.47
Extra HMA	7.89	13.93	4526.10



9

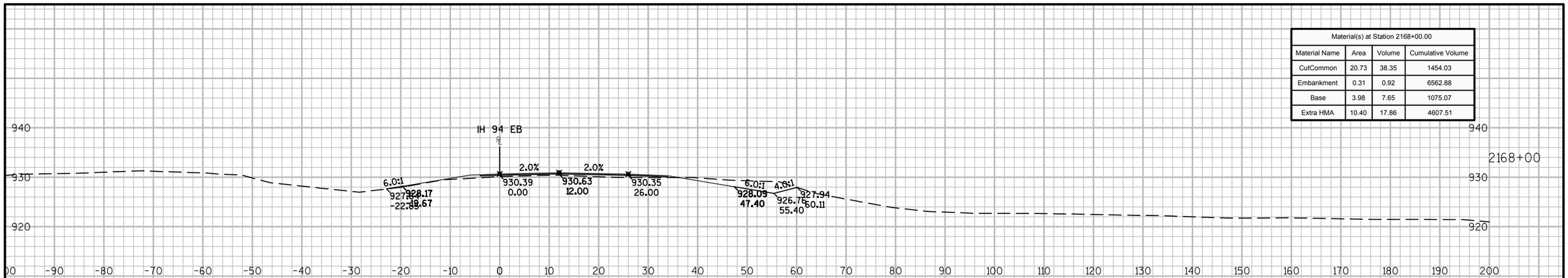
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 539	E

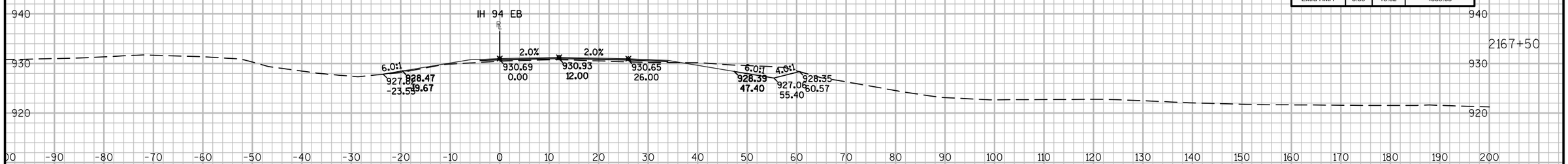
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (29)

PLOT DATE : 10/20/2014 9:49 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

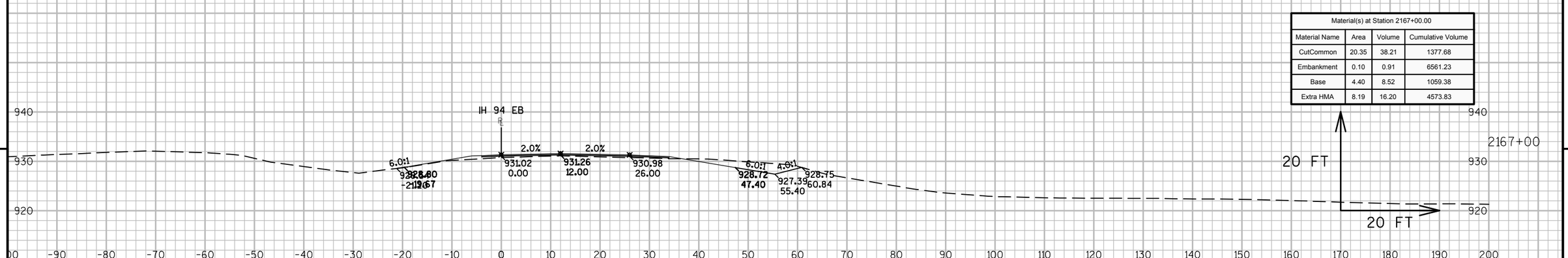
WISDOT/CADDS SHEET 49



Material(s) at Station 2168+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	20.73	38.35	1454.03
Embankment	0.31	0.92	6562.88
Base	3.98	7.65	1075.07
Extra HMA	10.40	17.86	4607.51



Material(s) at Station 2167+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	20.69	38.00	1415.68
Embankment	0.68	0.73	6561.96
Base	4.29	8.04	1067.42
Extra HMA	8.89	15.82	4589.65



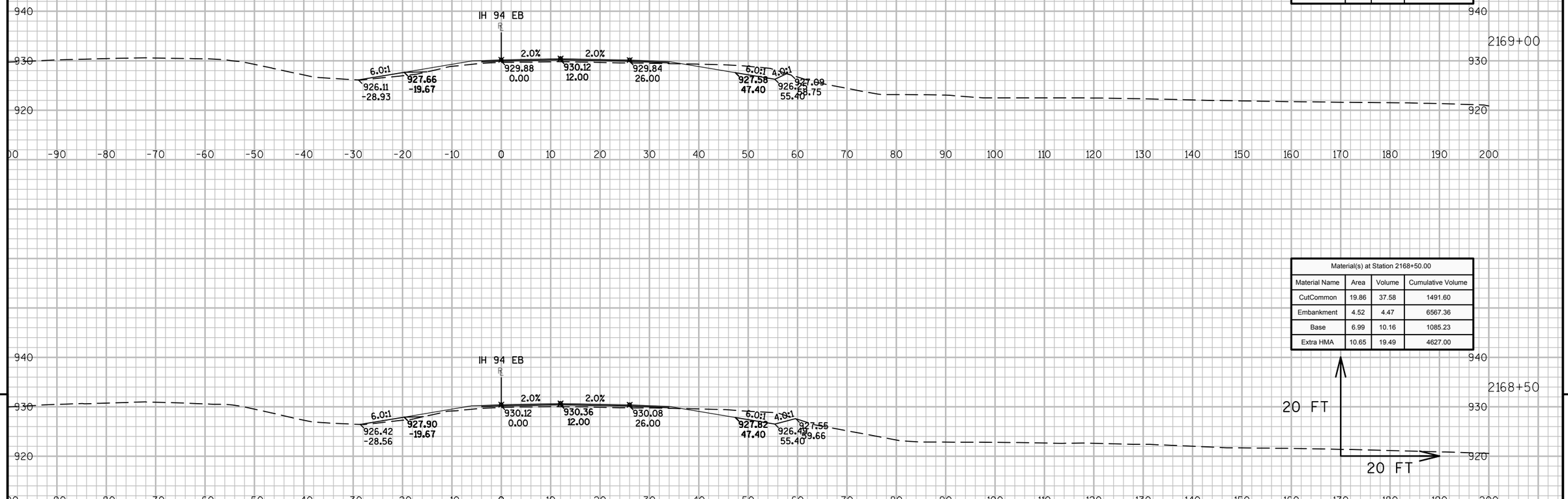
Material(s) at Station 2167+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	20.35	38.21	1377.68
Embankment	0.10	0.91	6561.23
Base	4.40	8.52	1059.38
Extra HMA	8.19	16.20	4573.83

9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 540	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (30)
PLOT DATE : 10/20/2014 9:49 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49

Material(s) at Station 2169+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	16.74	33.89	1525.49
Embankment	5.19	8.99	6576.35
Base	7.51	13.43	1098.66
Extra HMA	9.97	19.09	4646.09



Material(s) at Station 2168+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	19.86	37.58	1491.60
Embankment	4.52	4.47	6567.36
Base	6.99	10.16	1085.23
Extra HMA	10.65	19.49	4627.00

9

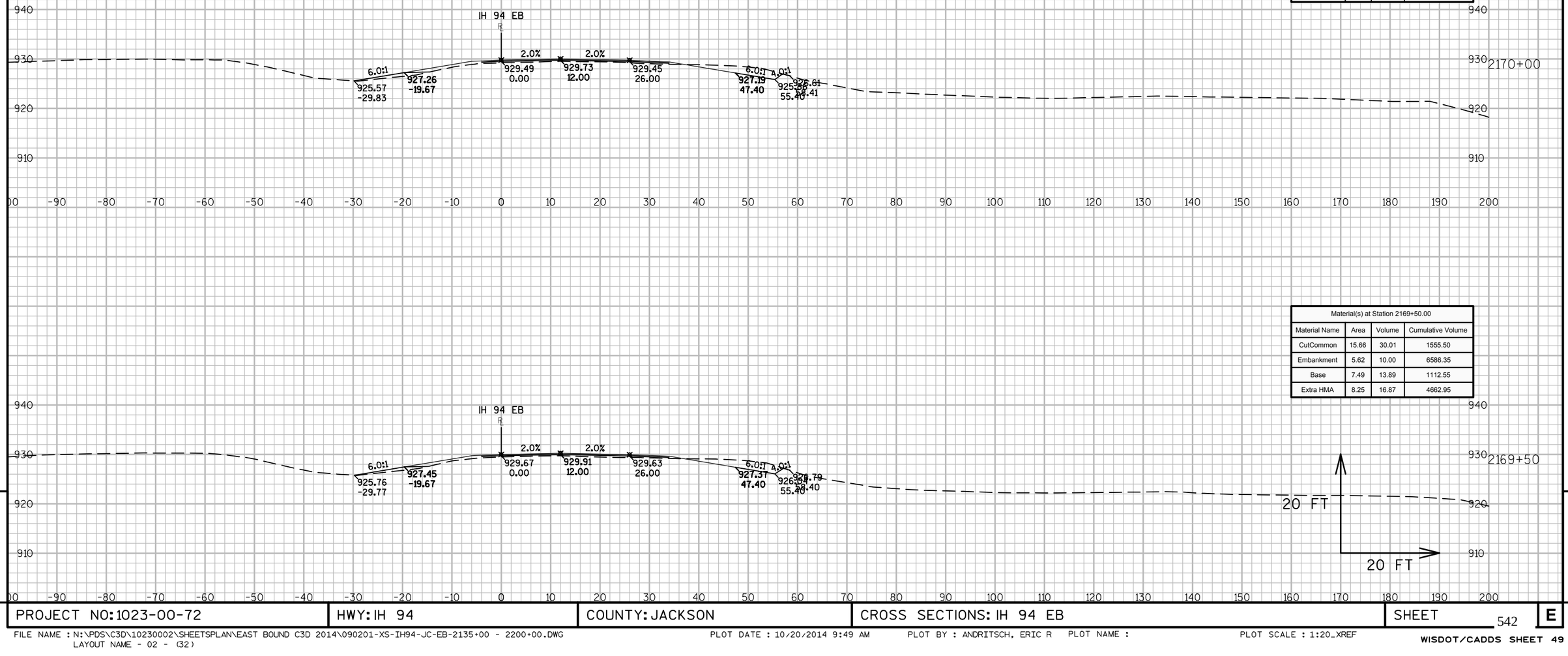
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 541	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (31)

PLOT DATE : 10/20/2014 9:49 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2170+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	14.49	27.92	1583.42
Embankment	6.59	11.30	6597.65
Base	8.24	14.57	1127.11
Extra HMA	7.68	14.75	4677.71

Material(s) at Station 2169+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	15.66	30.01	1555.50
Embankment	5.62	10.00	6586.35
Base	7.49	13.89	1112.55
Extra HMA	8.25	16.87	4662.95

9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 542	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (32)

PLOT DATE : 10/20/2014 9:49 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

Material(s) at Station 2171+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	10.21	18.47	1647.01
Embankment	7.75	15.94	6643.67
Base	7.83	14.96	1172.61
Extra HMA	11.20	18.78	4726.71

Material(s) at Station 2171+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	9.74	20.36	1628.54
Embankment	9.47	16.37	6627.73
Base	8.33	15.31	1157.66
Extra HMA	9.07	15.76	4707.94

Material(s) at Station 2170+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	12.25	24.76	1608.18
Embankment	8.22	13.70	6611.36
Base	8.21	15.23	1142.35
Extra HMA	7.95	14.47	4692.18

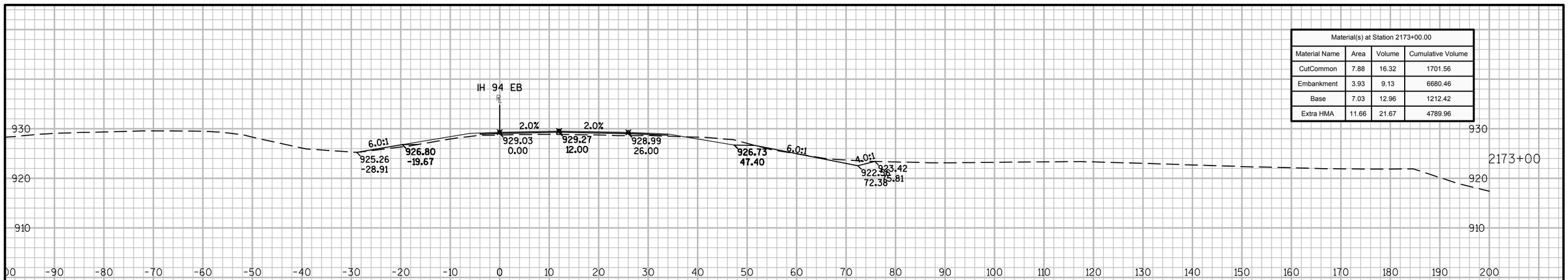
9

9

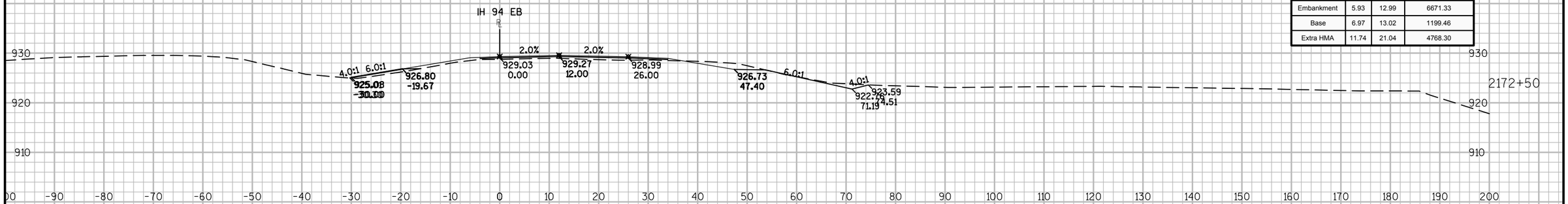
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 543	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (33)

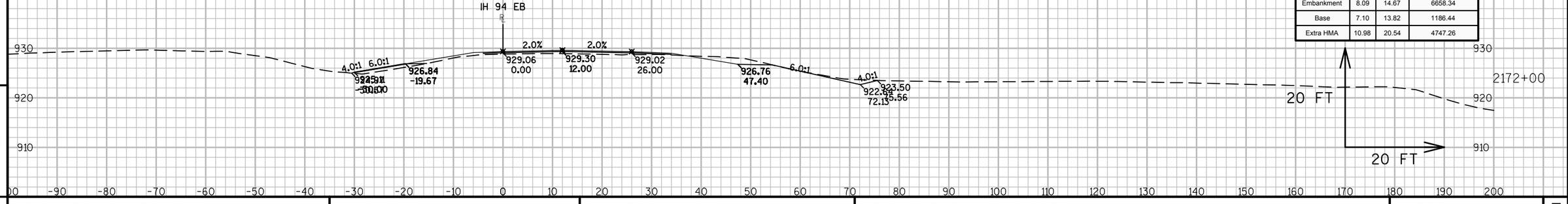
PLOT DATE : 10/20/2014 9:49 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2173+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	7.88	16.32	1701.56
Embankment	3.93	9.13	6680.46
Base	7.03	12.96	1212.42
Extra HMA	11.66	21.67	4789.96



Material(s) at Station 2172+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	9.75	18.90	1685.24
Embankment	5.93	12.99	6671.33
Base	6.97	13.02	1199.46
Extra HMA	11.74	21.04	4768.30



Material(s) at Station 2172+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	10.66	19.32	1666.34
Embankment	8.09	14.67	6658.34
Base	7.10	13.82	1186.44
Extra HMA	10.98	20.54	4747.26

9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 544	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (34)

PLOT DATE : 10/20/2014 9:49 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

Material(s) at Station 2174+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	7.50	13.30	1742.11
Embankment	1.87	5.46	6701.15
Base	5.49	10.94	1248.02
Extra HMA	8.63	19.18	4855.46

Material(s) at Station 2174+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	6.86	13.15	1728.81
Embankment	4.03	7.66	6695.68
Base	6.33	12.00	1237.08
Extra HMA	12.08	23.35	4836.28

Material(s) at Station 2173+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	7.34	14.09	1715.66
Embankment	4.24	7.57	6688.02
Base	6.64	12.66	1225.08
Extra HMA	13.14	22.96	4812.93

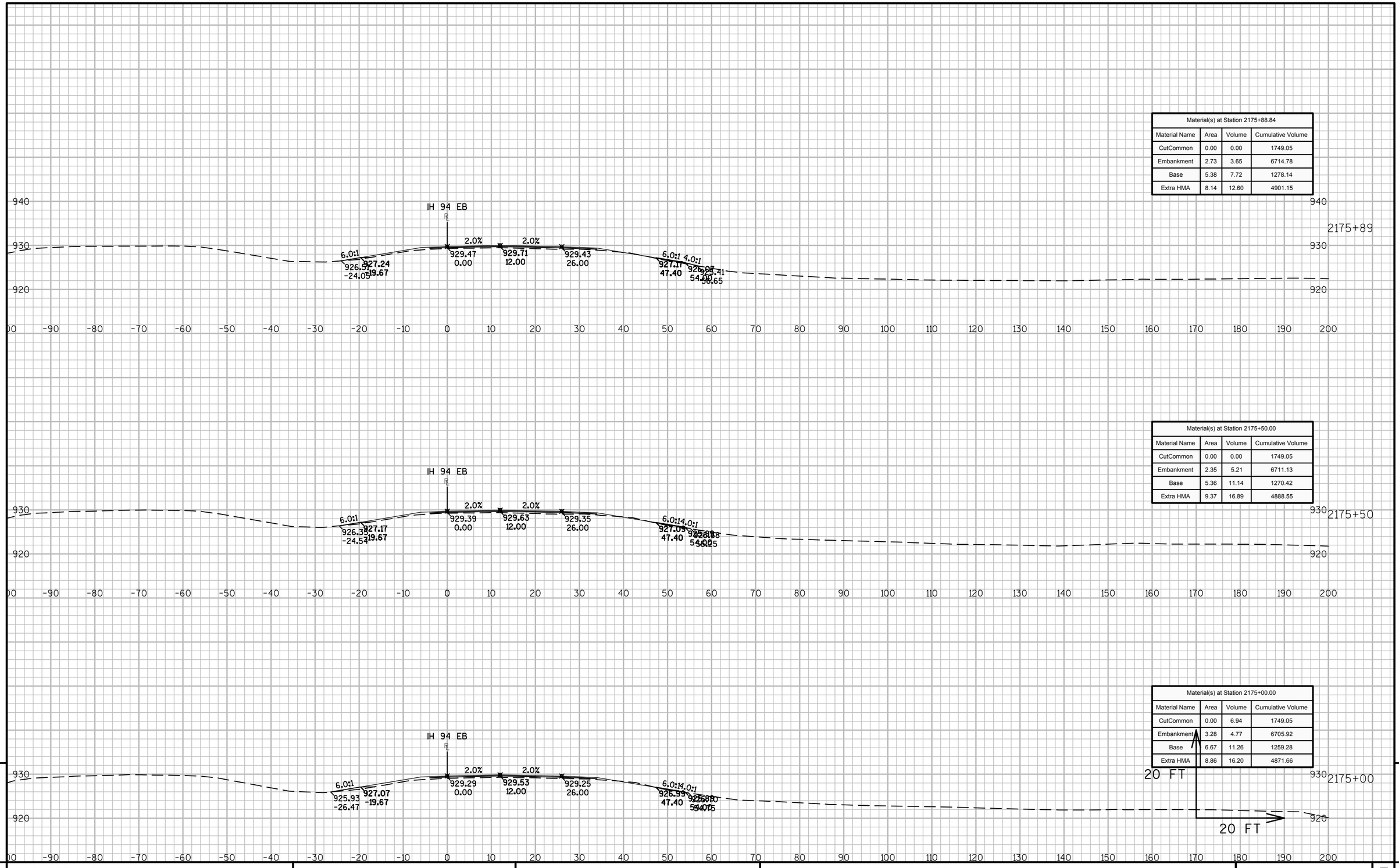
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 545	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (35)

PLOT DATE : 10/20/2014 9:49 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2175+88.84			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1749.05
Embankment	2.73	3.65	6714.78
Base	5.38	7.72	1278.14
Extra HMA	8.14	12.60	4901.15

Material(s) at Station 2175+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1749.05
Embankment	2.35	5.21	6711.13
Base	5.36	11.14	1270.42
Extra HMA	9.37	16.89	4888.55

Material(s) at Station 2175+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	6.94	1749.05
Embankment	3.28	4.77	6705.92
Base	6.67	11.26	1259.28
Extra HMA	8.86	16.20	4871.66

9

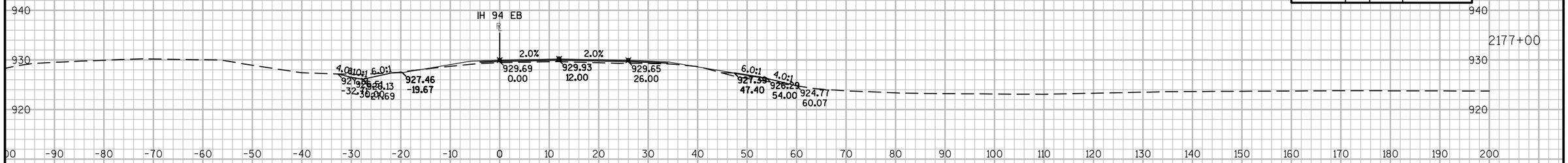
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 546	E

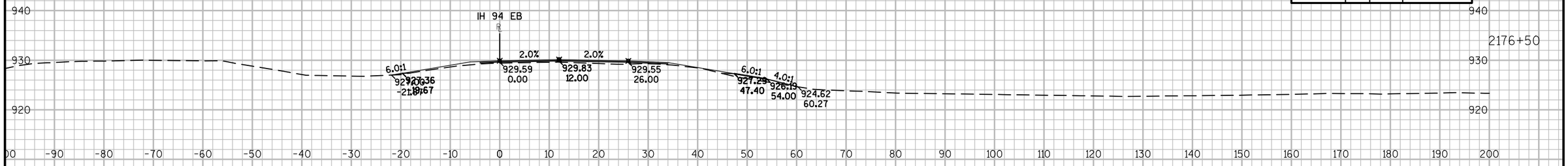
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (36)

PLOT DATE : 10/20/2014 9:49 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

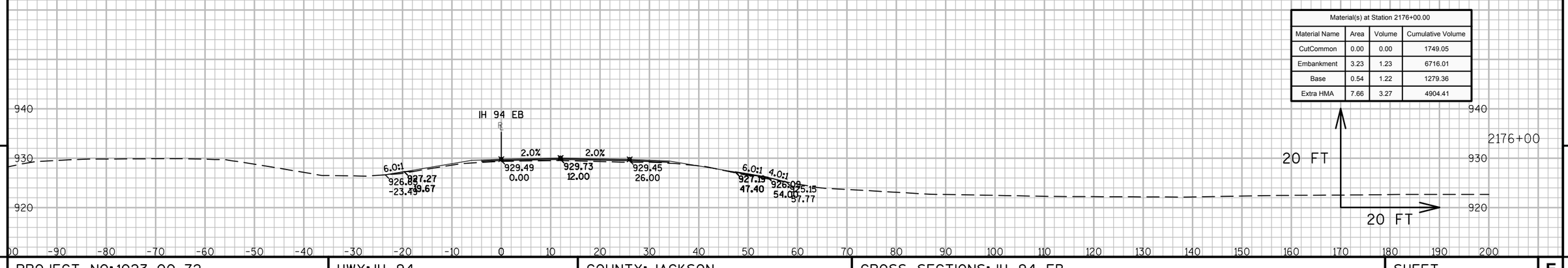
Material(s) at Station 2177+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	5.65	5.23	1754.28
Embankment	7.00	12.86	6738.24
Base	1.25	8.57	1295.84
Extra HMA	9.46	16.77	4936.28



Material(s) at Station 2176+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1749.05
Embankment	6.89	9.37	6725.38
Base	8.00	7.91	1287.27
Extra HMA	8.65	15.10	4919.51



Material(s) at Station 2176+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	1749.05
Embankment	3.23	1.23	6716.01
Base	0.54	1.22	1279.36
Extra HMA	7.66	3.27	4904.41



9

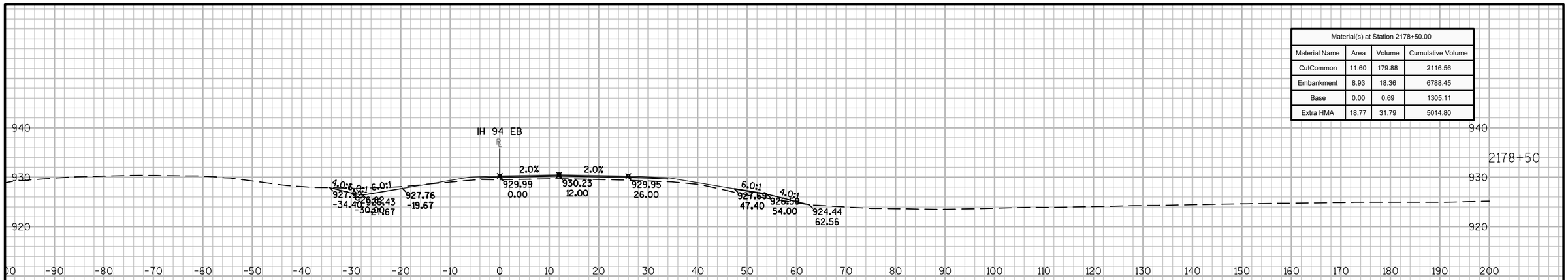
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 547	E

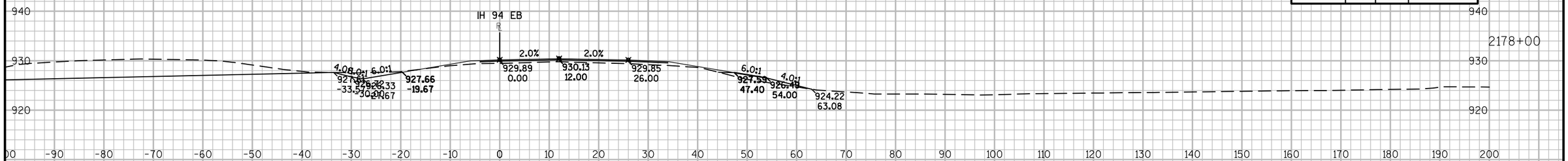
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (37)

PLOT DATE : 10/20/2014 9:49 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

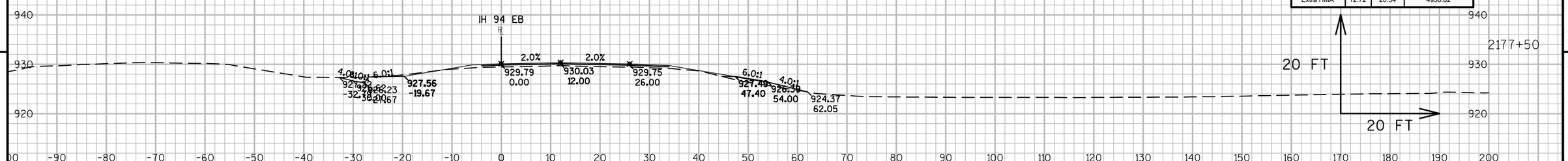
WISDOT/CADDS SHEET 49



Material(s) at Station 2178+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	11.60	179.88	2116.56
Embankment	8.93	18.36	6788.45
Base	0.00	0.69	1305.11
Extra HMA	18.77	31.79	5014.80



Material(s) at Station 2178+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	182.67	173.16	1936.69
Embankment	10.89	17.73	6770.09
Base	0.74	4.06	1304.42
Extra HMA	15.57	26.19	4983.01



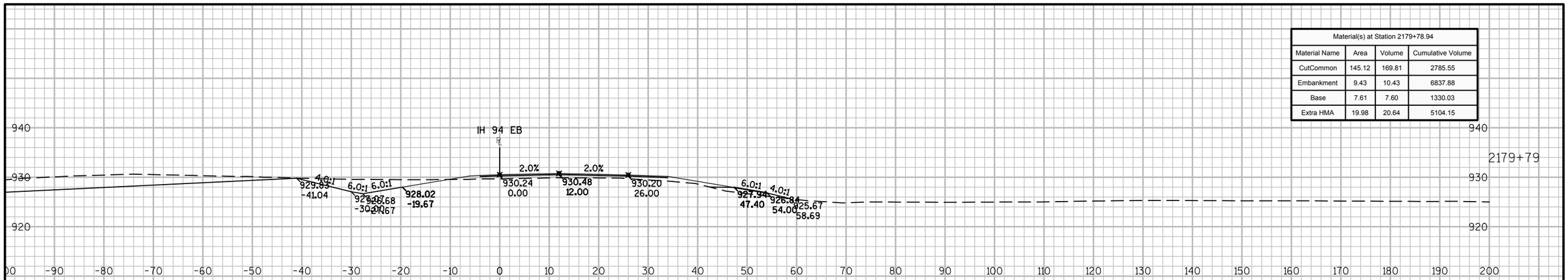
Material(s) at Station 2177+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	4.34	9.25	1763.53
Embankment	8.26	14.12	6752.36
Base	3.64	4.53	1300.36
Extra HMA	12.72	20.54	4956.82

9

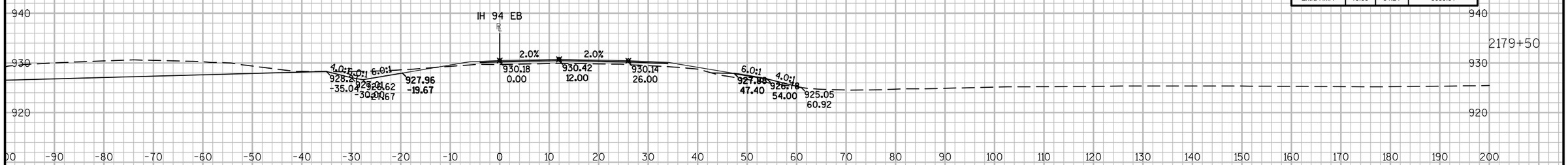
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 548	E

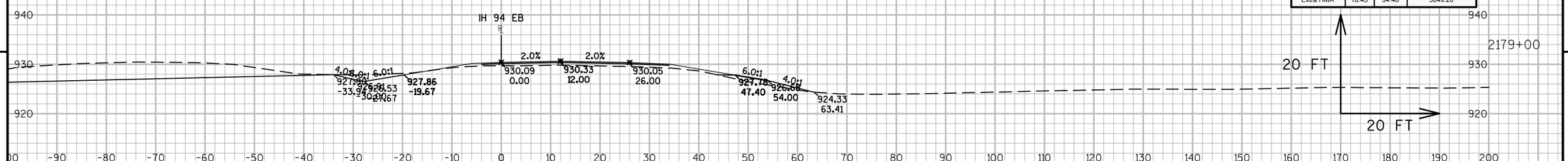
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (38)
PLOT DATE : 10/20/2014 9:50 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2179+78.94			
Material Name	Area	Volume	Cumulative Volume
CutCommon	145.12	169.81	2785.55
Embankment	9.43	10.43	6837.88
Base	7.61	7.60	1330.03
Extra HMA	19.98	20.64	5104.15



Material(s) at Station 2179+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	171.70	323.71	2615.74
Embankment	10.03	20.00	6827.45
Base	6.57	11.70	1322.43
Extra HMA	18.53	34.24	5083.51

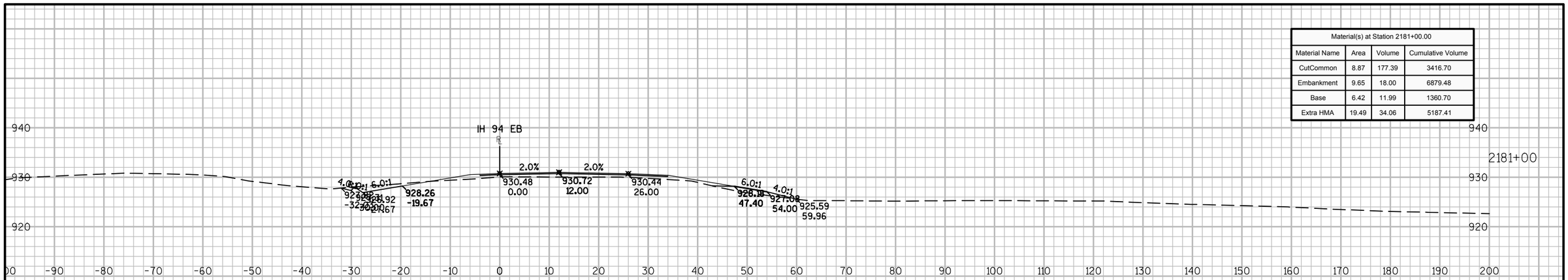


Material(s) at Station 2179+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	177.91	175.47	2292.03
Embankment	11.58	18.99	6807.44
Base	6.07	5.62	1310.73
Extra HMA	18.45	34.46	5049.26

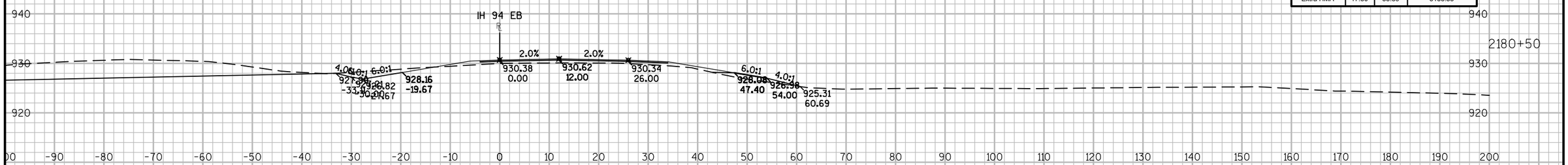
9

9

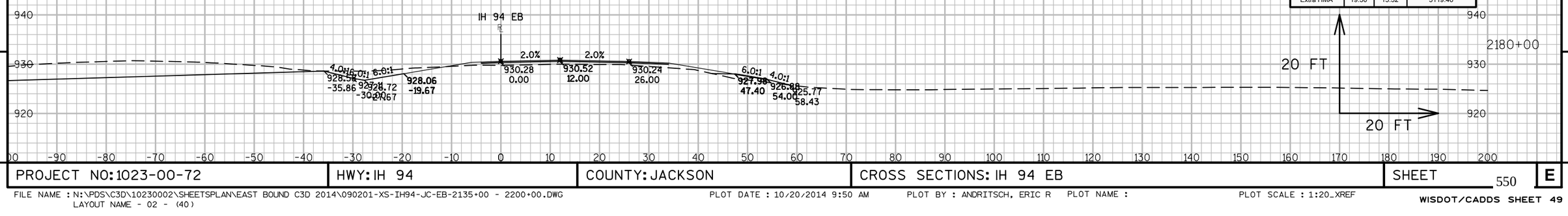
PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 549 | E



Material(s) at Station 2181+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	8.87	177.39	3416.70
Embankment	9.65	18.00	6879.48
Base	6.42	11.99	1360.70
Extra HMA	19.49	34.06	5187.41



Material(s) at Station 2180+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	182.71	329.61	3239.32
Embankment	9.79	16.71	6861.48
Base	6.54	12.85	1348.70
Extra HMA	17.30	33.89	5153.35



Material(s) at Station 2180+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	173.26	124.15	2909.71
Embankment	8.25	6.90	6844.77
Base	7.34	5.83	1335.86
Extra HMA	19.30	15.32	5119.46

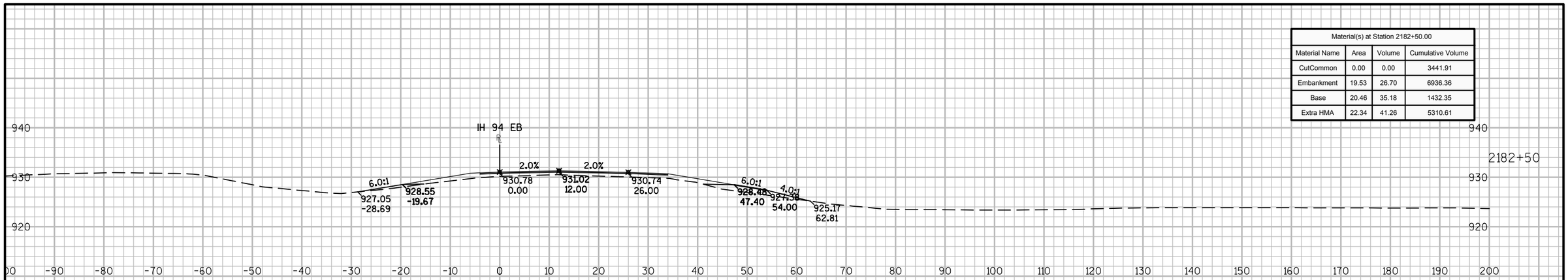
9

9

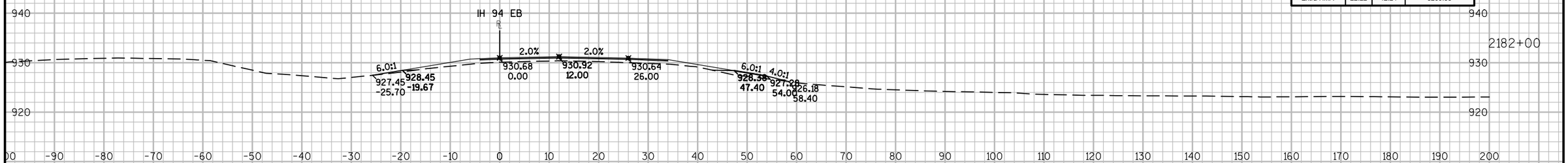
PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 550 | E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (40)

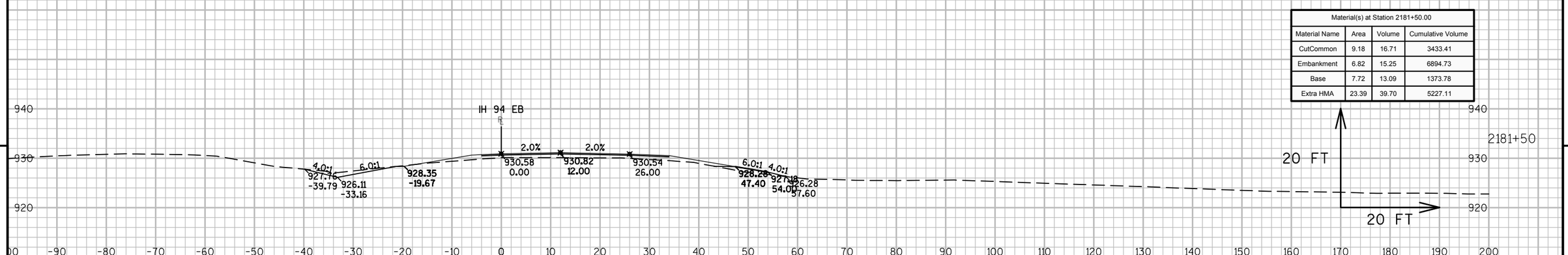
PLOT DATE : 10/20/2014 9:50 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2182+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	19.53	26.70	6936.36
Base	20.46	35.18	1432.35
Extra HMA	22.34	41.26	5310.61



Material(s) at Station 2182+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	8.50	3441.91
Embankment	9.31	14.94	6909.66
Base	17.54	23.38	1397.16
Extra HMA	22.22	42.24	5269.35

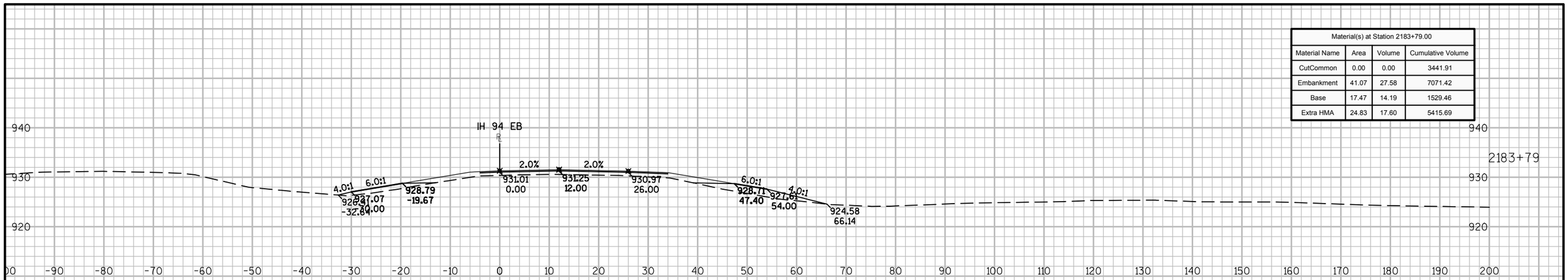


Material(s) at Station 2181+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	9.18	16.71	3433.41
Embankment	6.82	15.25	6894.73
Base	7.72	13.09	1373.78
Extra HMA	23.39	39.70	5227.11

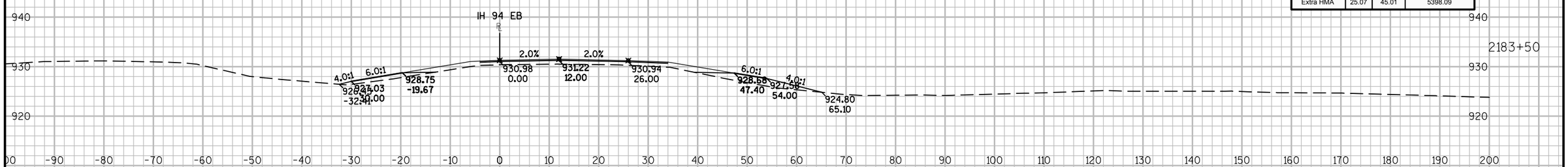
9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 551	E

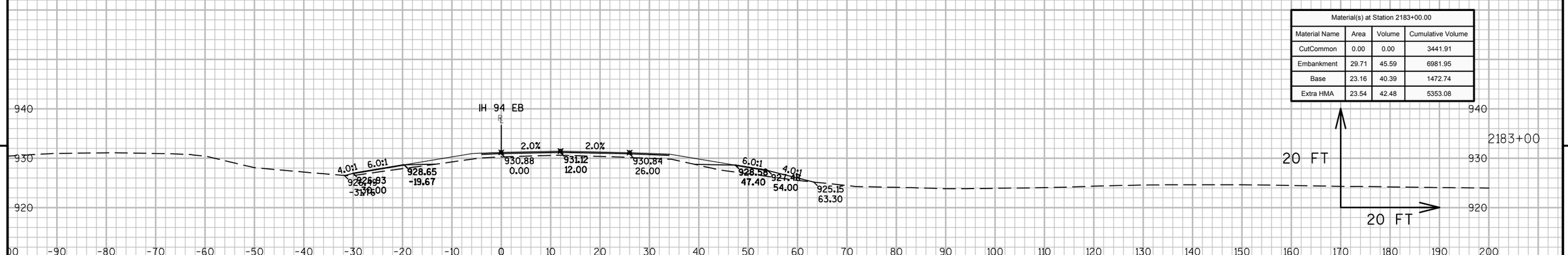
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (41)
PLOT DATE : 10/20/2014 9:50 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2183+79.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	41.07	27.58	7071.42
Base	17.47	14.19	1529.46
Extra HMA	24.83	17.60	5415.69



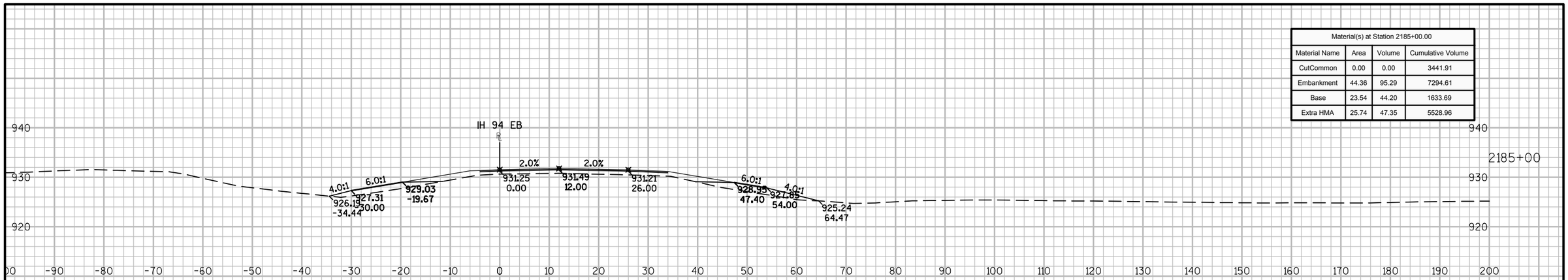
Material(s) at Station 2183+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	37.13	61.89	7043.84
Base	22.77	42.53	1515.26
Extra HMA	25.07	45.01	5398.09



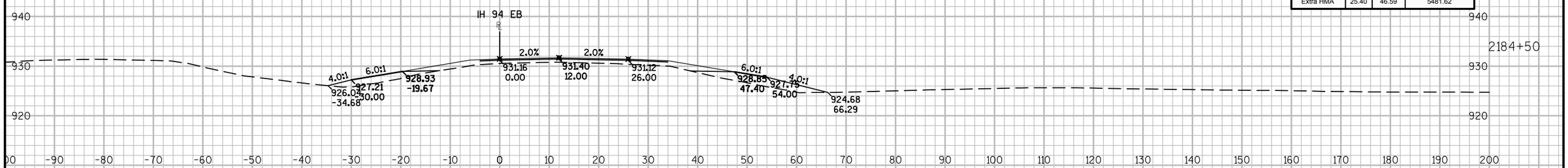
Material(s) at Station 2183+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	29.71	45.59	6981.95
Base	23.16	40.39	1472.74
Extra HMA	23.54	42.48	5353.08

9 9

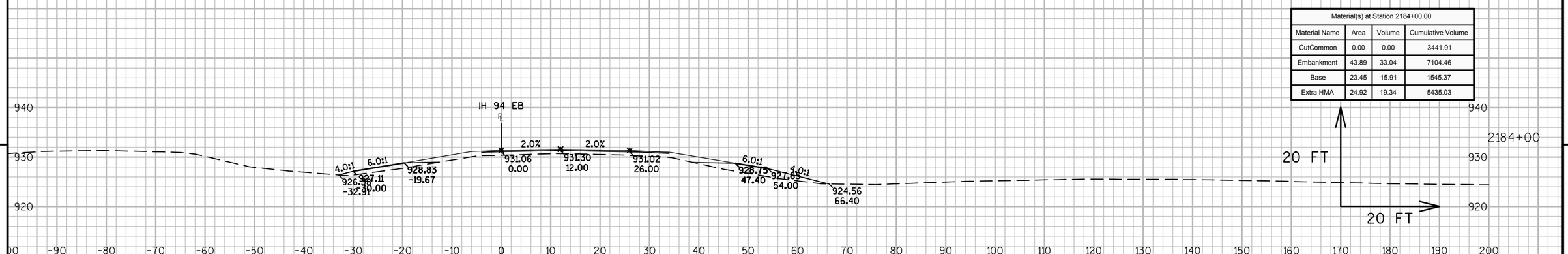
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 552	E



Material(s) at Station 2185+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	44.36	95.29	7294.61
Base	23.54	44.20	1633.69
Extra HMA	25.74	47.35	5528.96



Material(s) at Station 2184+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	58.55	94.85	7199.32
Base	24.20	44.12	1589.49
Extra HMA	25.40	46.59	5481.62



Material(s) at Station 2184+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	43.89	33.04	7104.46
Base	23.45	15.91	1545.37
Extra HMA	24.92	19.34	5435.03

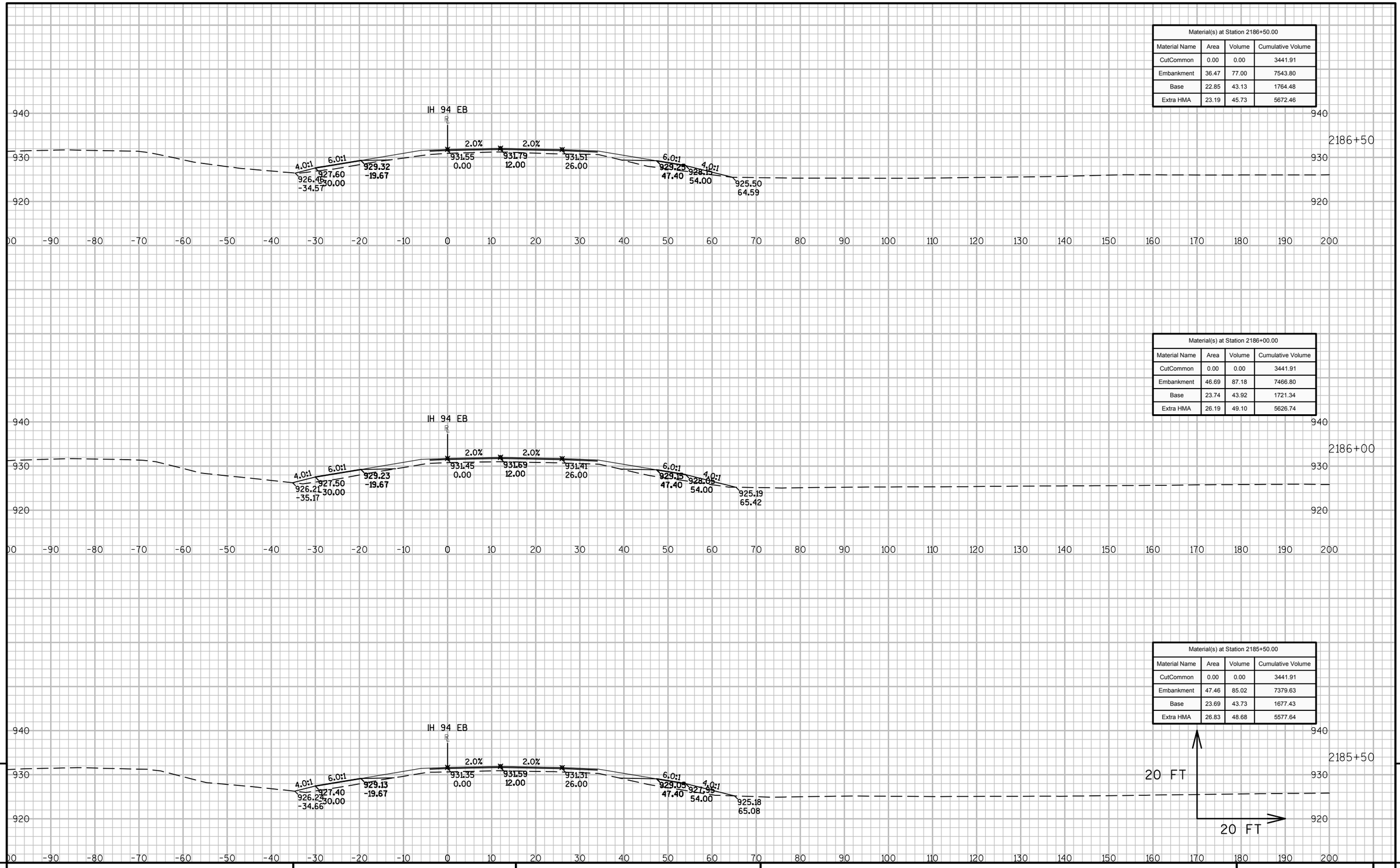
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 553	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (43)

PLOT DATE : 10/20/2014 9:50 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2186+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	36.47	77.00	7543.80
Base	22.85	43.13	1764.48
Extra HMA	23.19	45.73	5672.46

Material(s) at Station 2186+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	46.69	87.18	7466.80
Base	23.74	43.92	1721.34
Extra HMA	26.19	49.10	5626.74

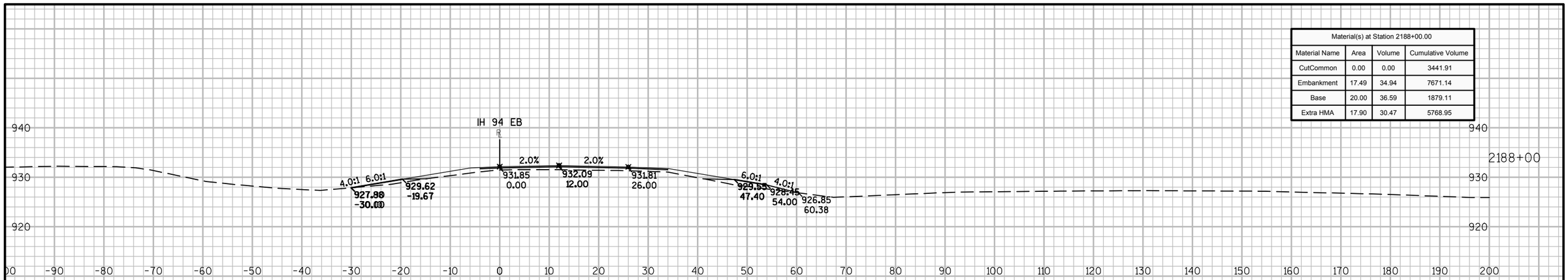
Material(s) at Station 2185+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	47.46	85.02	7379.63
Base	23.69	43.73	1677.43
Extra HMA	26.83	48.68	5577.64

9

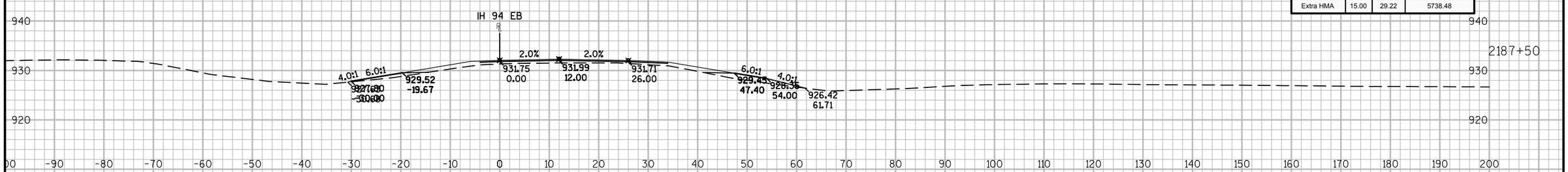
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 554	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (44)
PLOT DATE : 10/20/2014 9:50 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2188+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	17.49	34.94	7671.14
Base	20.00	36.59	1879.11
Extra HMA	17.90	30.47	5768.95



Material(s) at Station 2187+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	20.24	38.69	7636.21
Base	19.52	37.48	1842.52
Extra HMA	15.00	29.22	5738.48

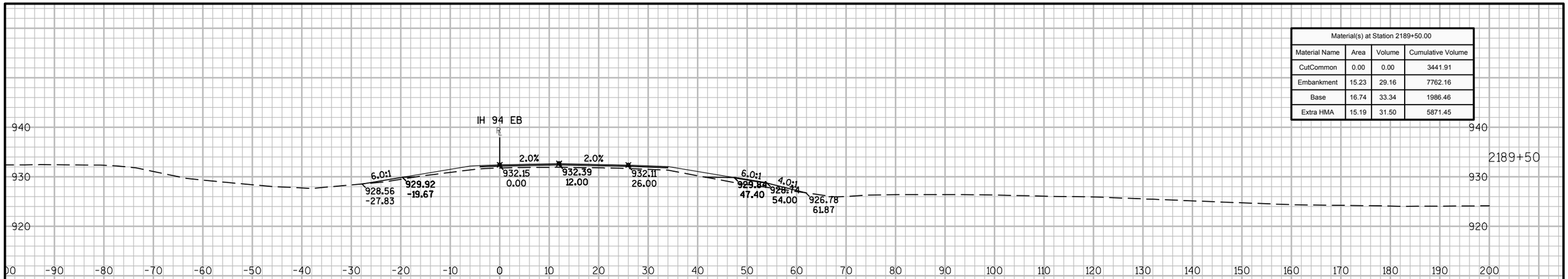


Material(s) at Station 2187+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	21.54	53.72	7597.52
Base	20.96	40.56	1805.04
Extra HMA	16.55	36.80	5709.26

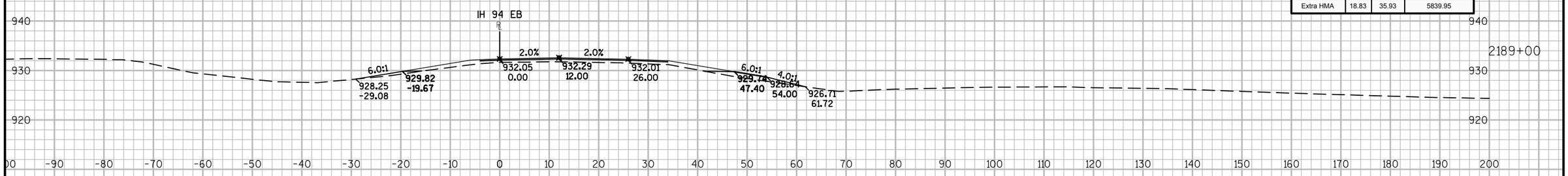
9

9

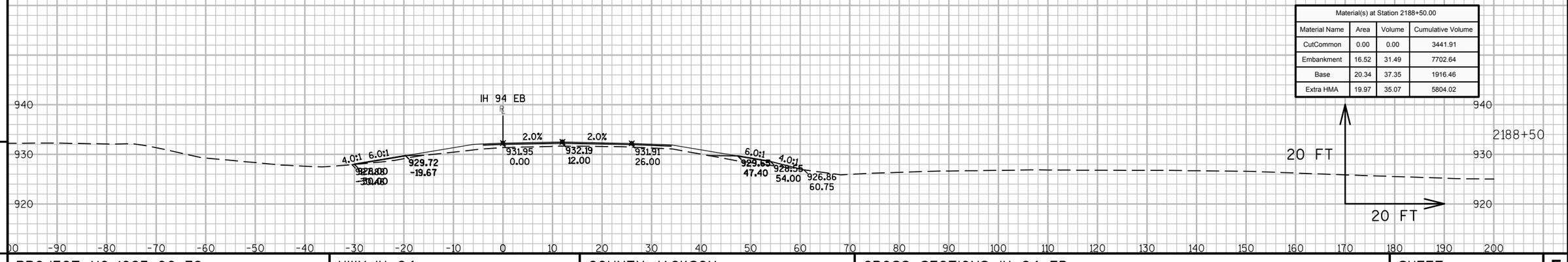
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 555	E



Material(s) at Station 2189+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	15.23	29.16	7762.16
Base	16.74	33.34	1986.46
Extra HMA	15.19	31.50	5871.45



Material(s) at Station 2189+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	16.27	30.36	7733.00
Base	19.26	36.66	1953.12
Extra HMA	18.83	35.93	5839.95



Material(s) at Station 2188+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	16.52	31.49	7702.64
Base	20.34	37.35	1916.46
Extra HMA	19.97	35.07	5804.02

9

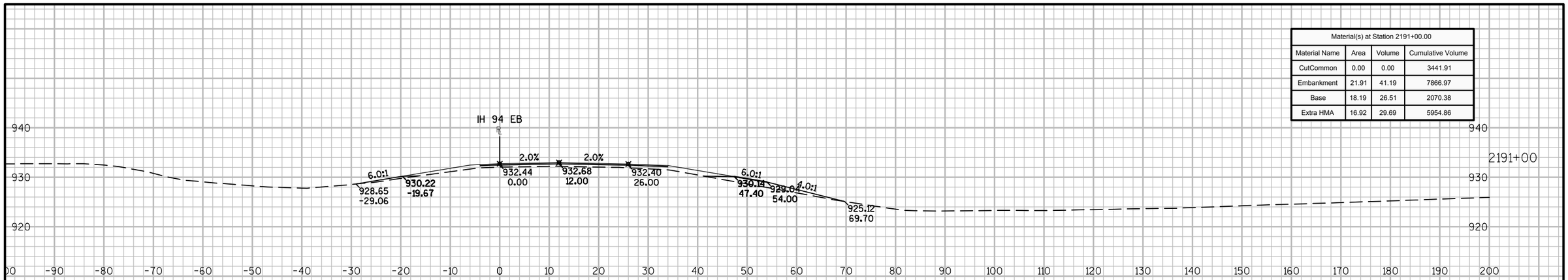
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET	E

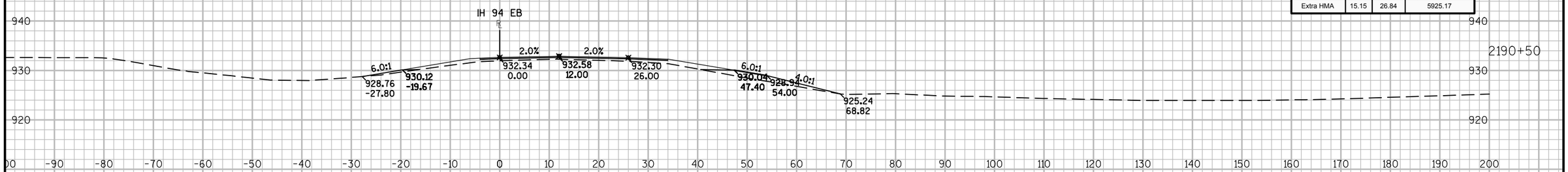
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (46)

PLOT DATE : 10/20/2014 9:50 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

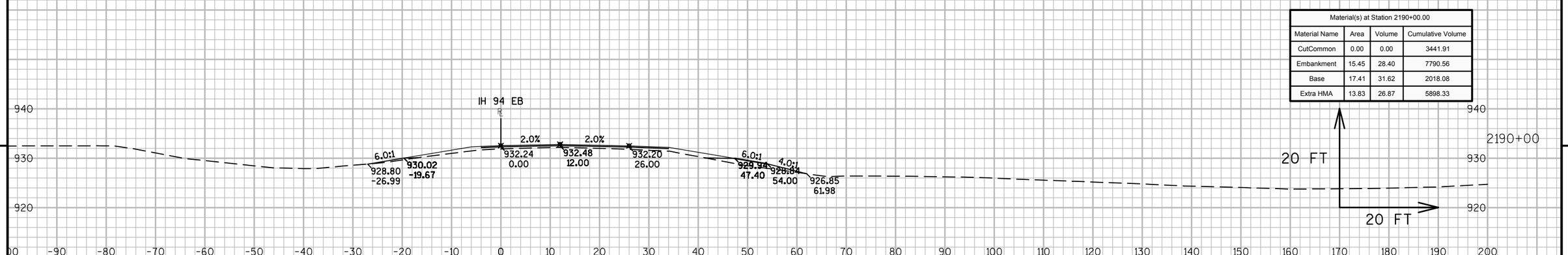
WISDOT/CADDS SHEET 49



Material(s) at Station 2191+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	21.91	41.19	7866.97
Base	18.19	26.51	2070.38
Extra HMA	16.92	29.69	5954.86



Material(s) at Station 2190+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	22.59	35.22	7825.78
Base	10.44	25.79	2043.87
Extra HMA	15.15	26.84	5925.17

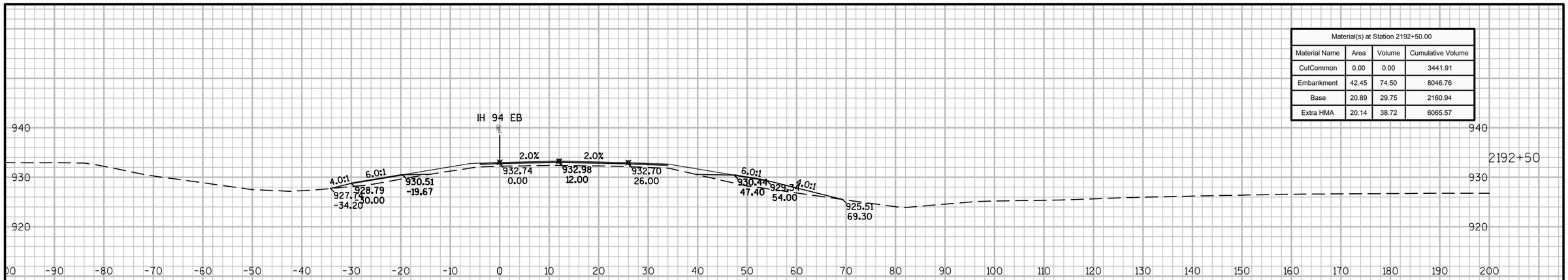


Material(s) at Station 2190+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	15.45	28.40	7790.56
Base	17.41	31.62	2018.08
Extra HMA	13.83	26.87	5898.33

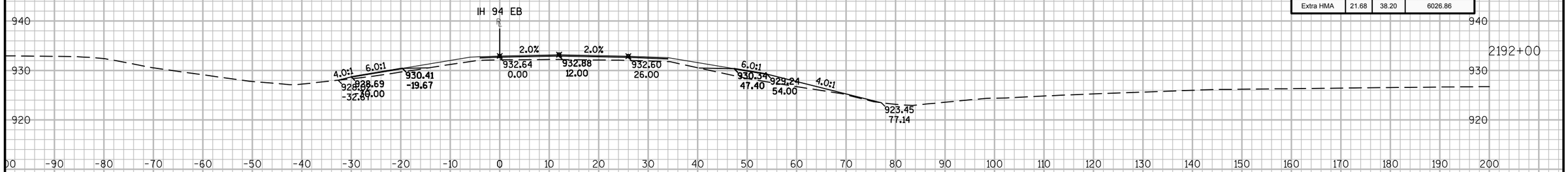
9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 557	E

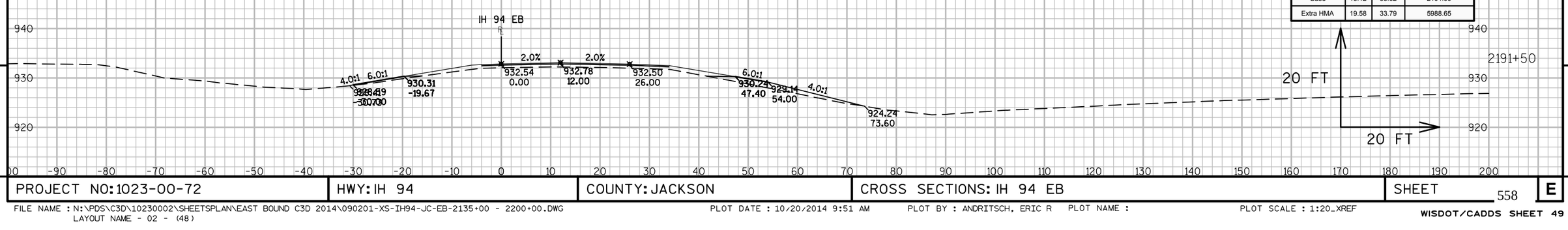
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (47)
PLOT DATE : 10/20/2014 9:51 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2192+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	42.45	74.50	8046.76
Base	20.89	29.75	2160.94
Extra HMA	20.14	38.72	6065.57



Material(s) at Station 2192+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	38.02	60.10	7972.26
Base	11.24	27.19	2131.19
Extra HMA	21.68	38.20	6026.86



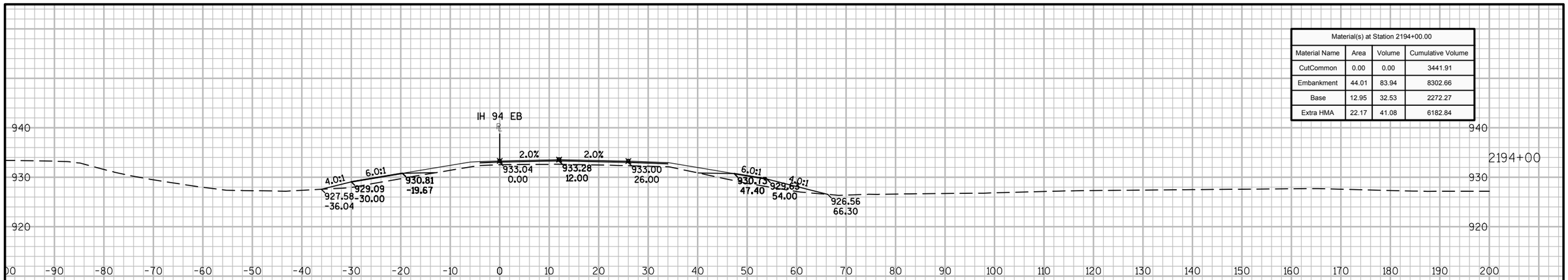
Material(s) at Station 2191+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	26.89	45.18	7912.16
Base	18.12	33.62	2104.00
Extra HMA	19.58	33.79	5988.65

9

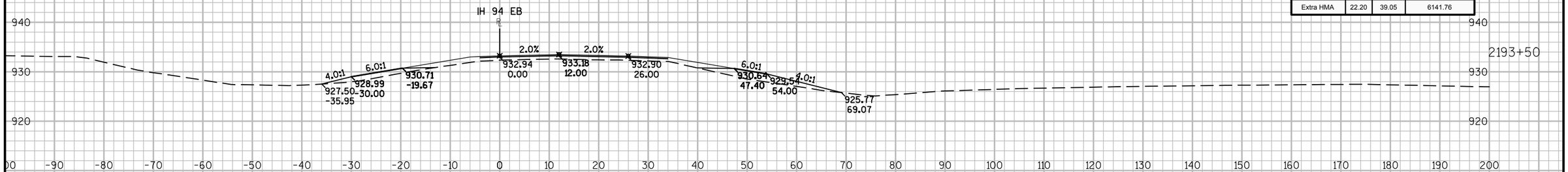
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 558	E

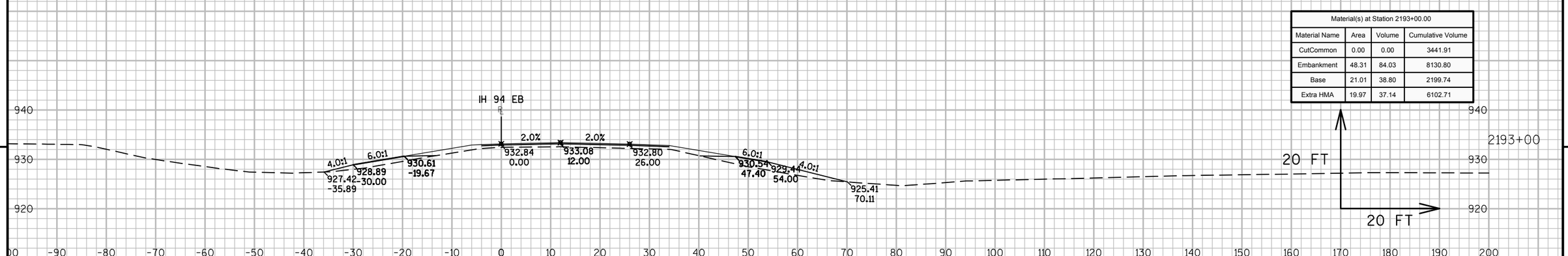
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (48)
PLOT DATE : 10/20/2014 9:51 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2194+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	44.01	83.94	8302.66
Base	12.95	32.53	2272.27
Extra HMA	22.17	41.08	6182.84



Material(s) at Station 2193+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	46.64	87.92	8218.72
Base	22.18	39.99	2239.73
Extra HMA	22.20	39.05	6141.76

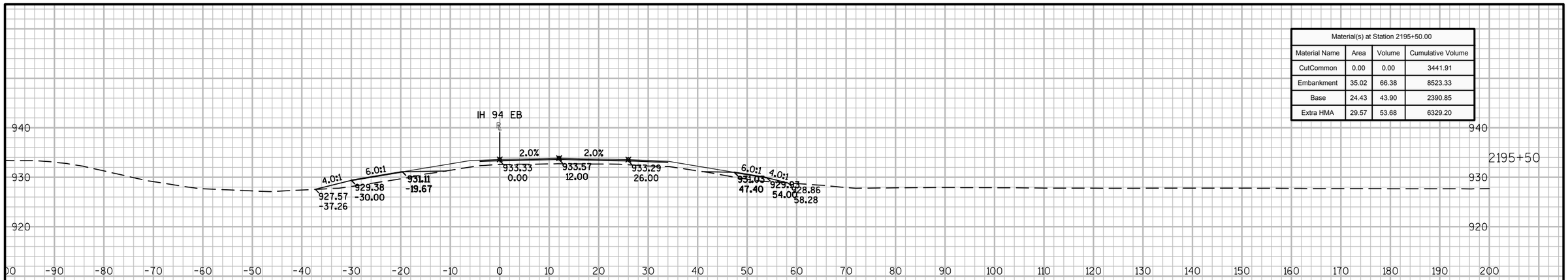


Material(s) at Station 2193+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	48.31	84.03	8130.80
Base	21.01	38.80	2199.74
Extra HMA	19.97	37.14	6102.71

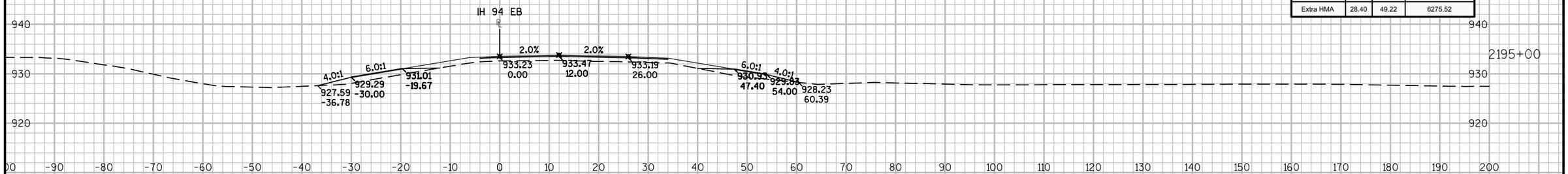
9

9

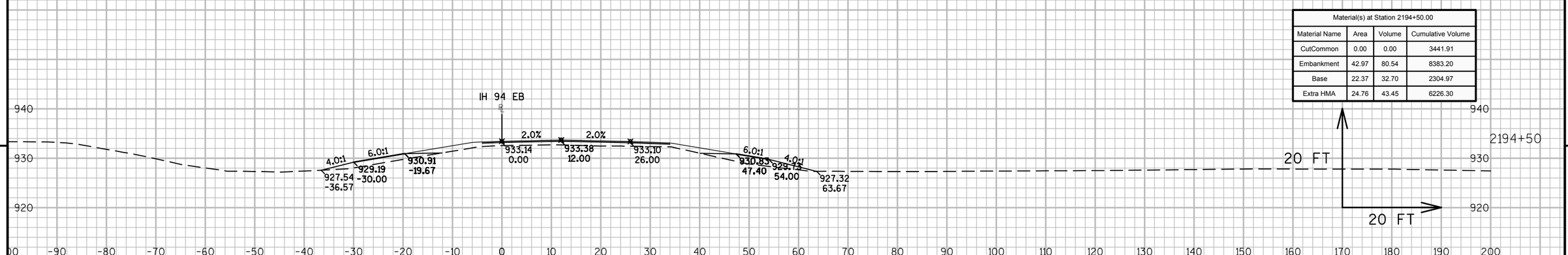
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 559	E



Material(s) at Station 2195+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	35.02	66.38	8523.33
Base	24.43	43.90	2390.85
Extra HMA	29.57	53.68	6329.20



Material(s) at Station 2195+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	36.68	73.75	8456.95
Base	22.98	41.98	2346.95
Extra HMA	28.40	49.22	6275.52

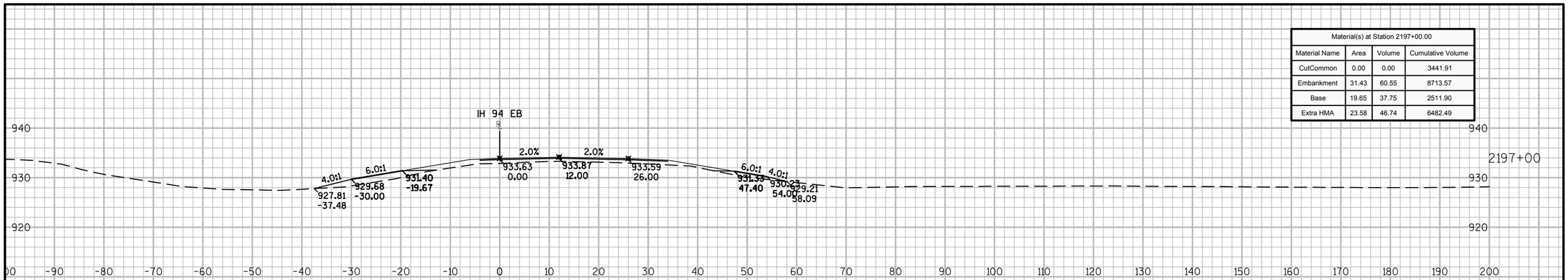


Material(s) at Station 2194+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	42.97	80.54	8383.20
Base	22.37	32.70	2304.97
Extra HMA	24.76	43.45	6226.30

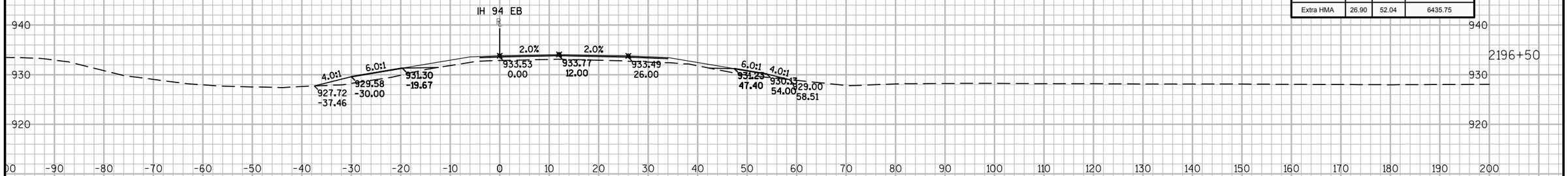
9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 560	E

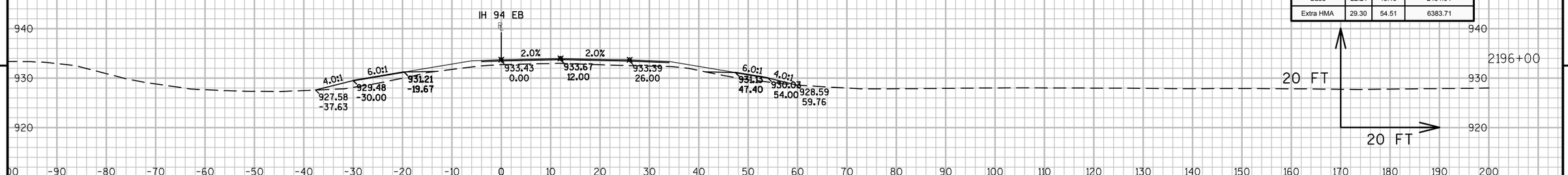
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (50)
PLOT DATE : 10/20/2014 9:51 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2197+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	31.43	60.55	8713.57
Base	19.65	37.75	2511.90
Extra HMA	23.58	46.74	6482.49



Material(s) at Station 2196+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	33.97	64.36	8653.02
Base	21.12	40.11	2474.15
Extra HMA	26.90	52.04	6435.75



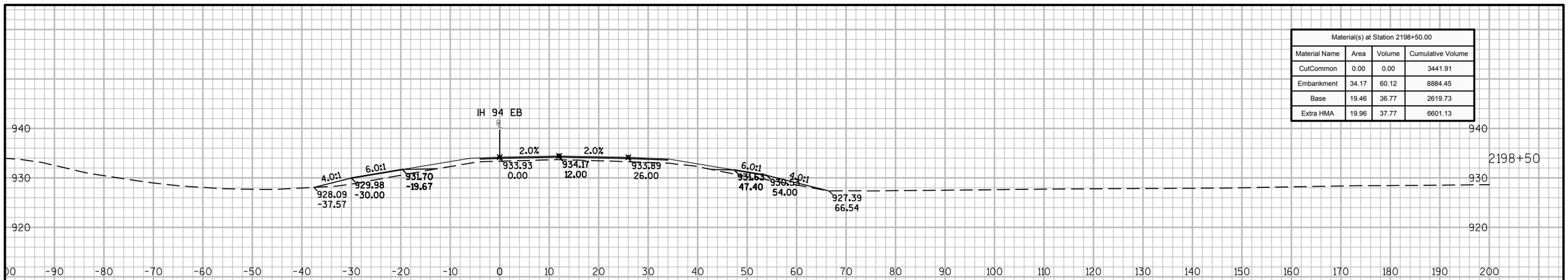
Material(s) at Station 2196+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	35.54	65.33	8588.66
Base	22.21	43.19	2434.04
Extra HMA	29.30	54.51	6383.71

9

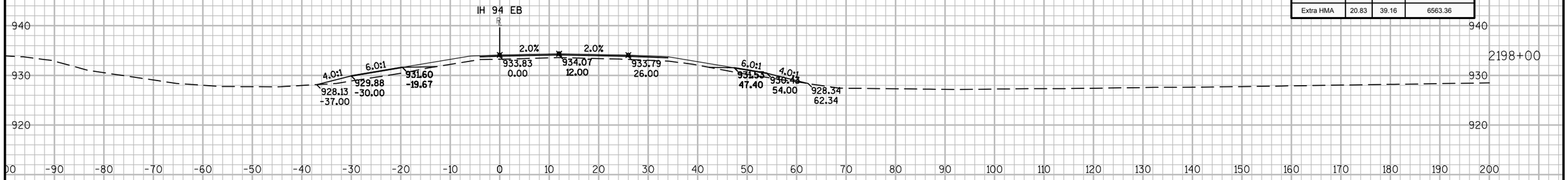
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 561	E

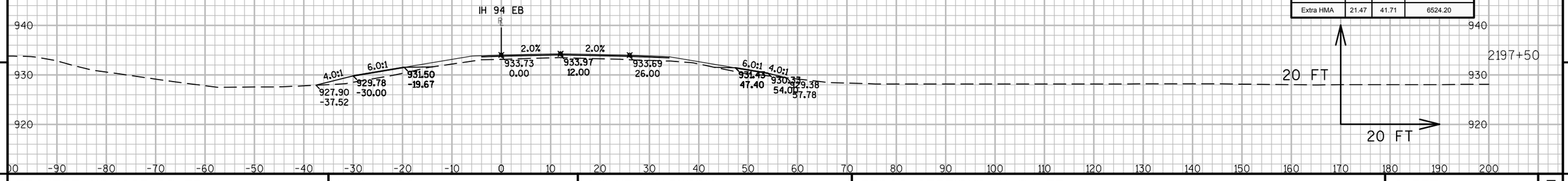
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (51)
PLOT DATE : 10/20/2014 9:51 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2198+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	34.17	60.12	8884.45
Base	19.46	36.77	2619.73
Extra HMA	19.96	37.77	6601.13



Material(s) at Station 2198+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	30.76	55.08	8824.34
Base	20.25	35.81	2582.96
Extra HMA	20.83	39.16	6563.36



Material(s) at Station 2197+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	28.72	55.69	8769.26
Base	18.43	35.25	2547.15
Extra HMA	21.47	41.71	6524.20

9

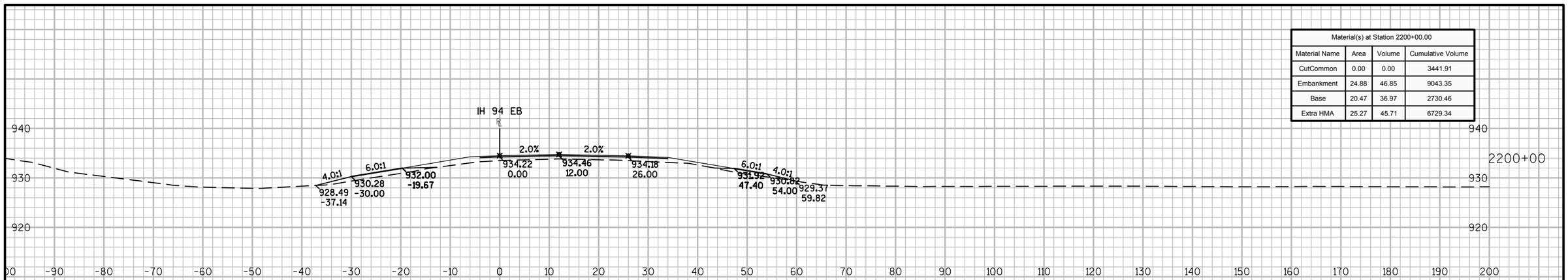
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 562	E

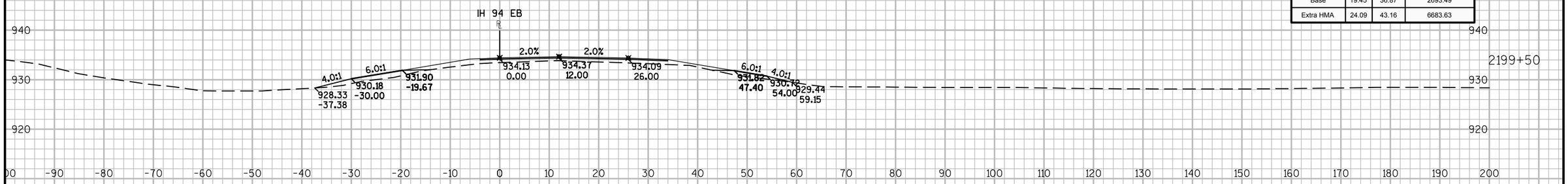
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090201-XS-IH94-JC-EB-2135+00 - 2200+00.DWG
LAYOUT NAME - 02 - (52)

PLOT DATE : 10/20/2014 9:51 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

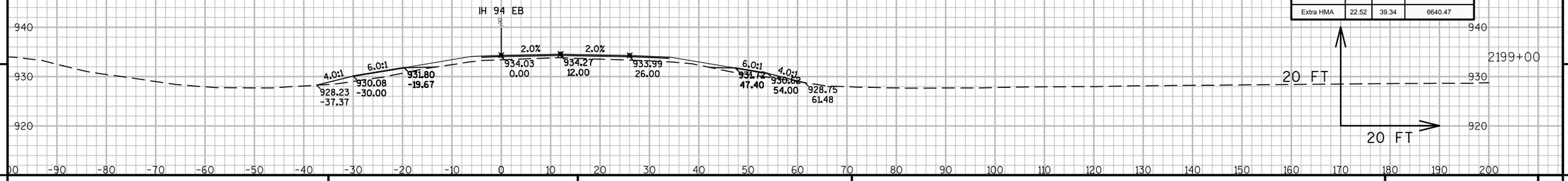
WISDOT/CADDS SHEET 49



Material(s) at Station 2200+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	24.88	46.85	9043.35
Base	20.47	36.97	2730.46
Extra HMA	25.27	45.71	6729.34



Material(s) at Station 2199+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	25.72	52.11	8996.50
Base	19.45	36.87	2693.49
Extra HMA	24.09	43.16	6683.63

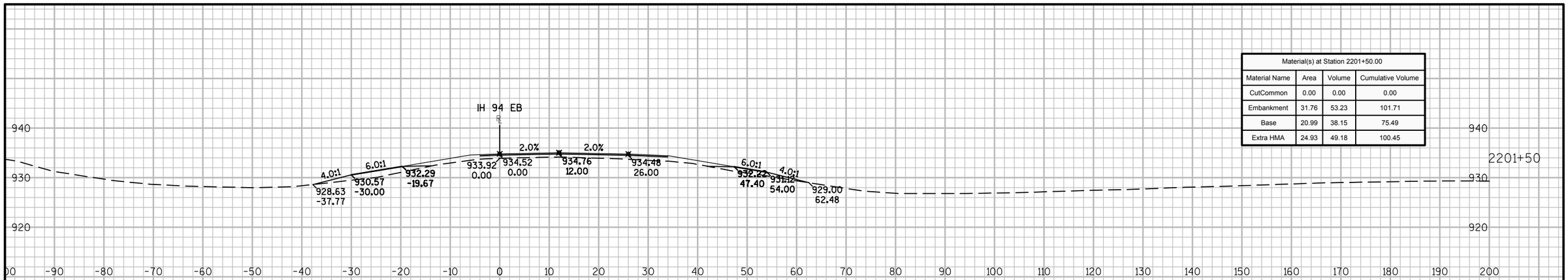


Material(s) at Station 2199+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	3441.91
Embankment	30.56	59.93	8944.38
Base	20.37	36.88	2656.62
Extra HMA	22.52	39.34	6640.47

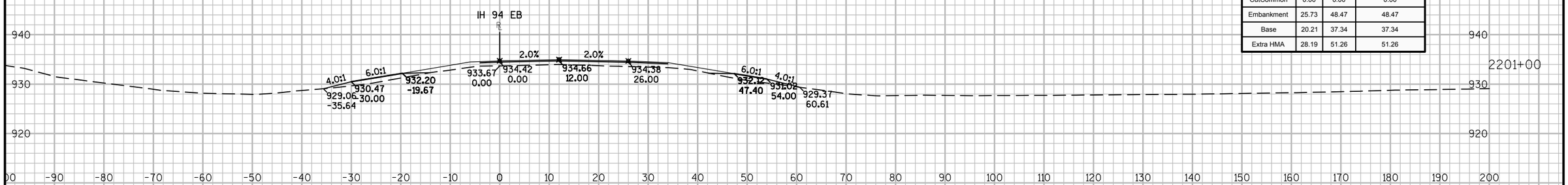
9

9

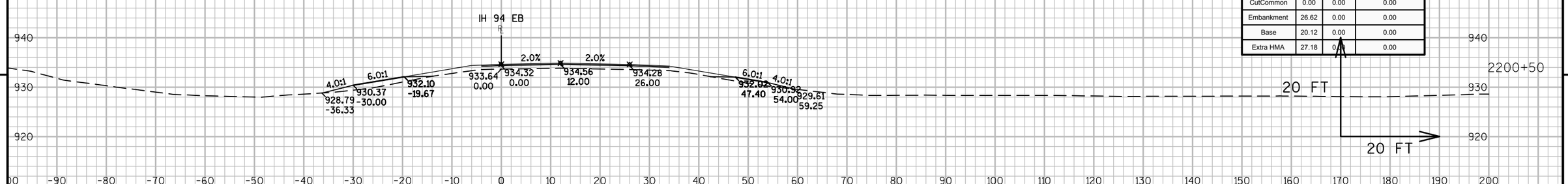
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 563	E



Material(s) at Station 2201+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	31.76	53.23	101.71
Base	20.99	38.15	75.49
Extra HMA	24.93	49.18	100.45



Material(s) at Station 2201+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	25.73	48.47	48.47
Base	20.21	37.34	37.34
Extra HMA	28.19	51.26	51.26



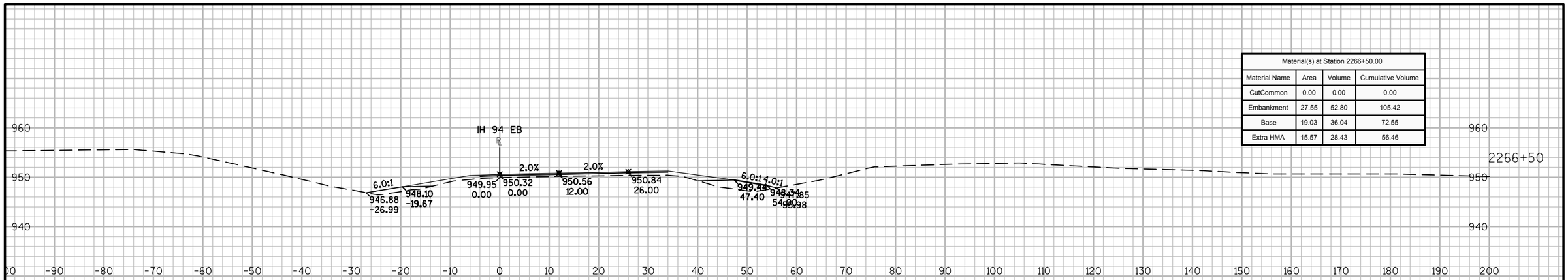
Material(s) at Station 2200+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	26.62	0.00	0.00
Base	20.12	0.00	0.00
Extra HMA	27.18	0.00	0.00

9

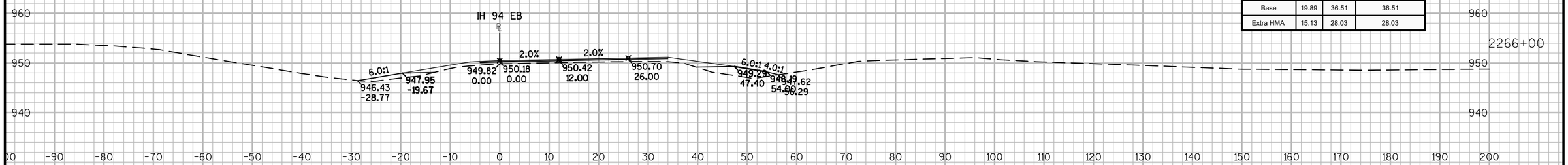
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 564	E

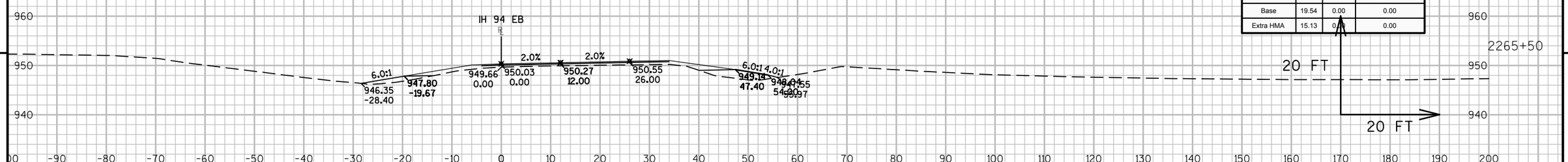
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (1)
PLOT DATE : 10/20/2014 9:37 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2266+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	27.55	52.80	105.42
Base	19.03	36.04	72.55
Extra HMA	15.57	28.43	56.46



Material(s) at Station 2266+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	29.47	52.62	52.62
Base	19.89	36.51	36.51
Extra HMA	15.13	28.03	28.03



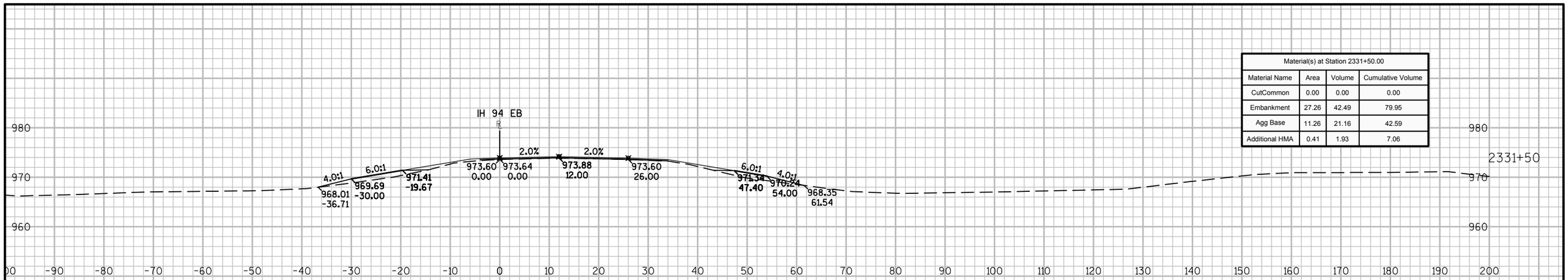
Material(s) at Station 2265+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	27.36	0.00	0.00
Base	19.54	0.00	0.00
Extra HMA	15.13	0.00	0.00

9 9

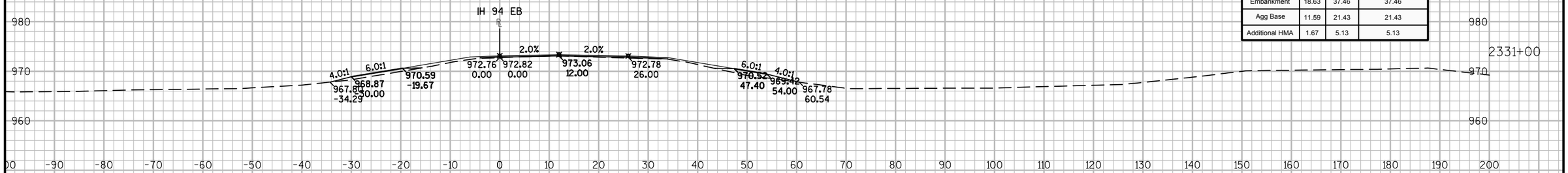
PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 565 | E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (1)

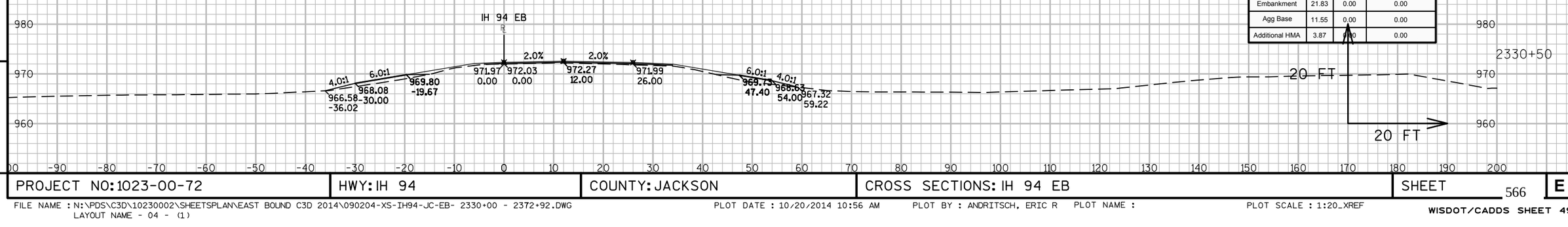
PLOT DATE : 10/20/2014 10:08 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2331+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	27.26	42.49	79.95
Agg Base	11.26	21.16	42.59
Additional HMA	0.41	1.93	7.06



Material(s) at Station 2331+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	18.63	37.46	37.46
Agg Base	11.59	21.43	21.43
Additional HMA	1.67	5.13	5.13

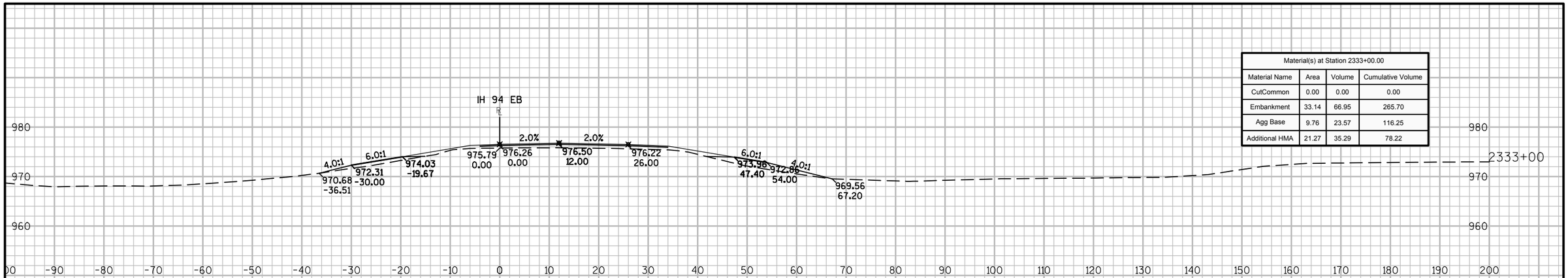


Material(s) at Station 2330+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	21.83	0.00	0.00
Agg Base	11.55	0.00	0.00
Additional HMA	3.87	0.00	0.00

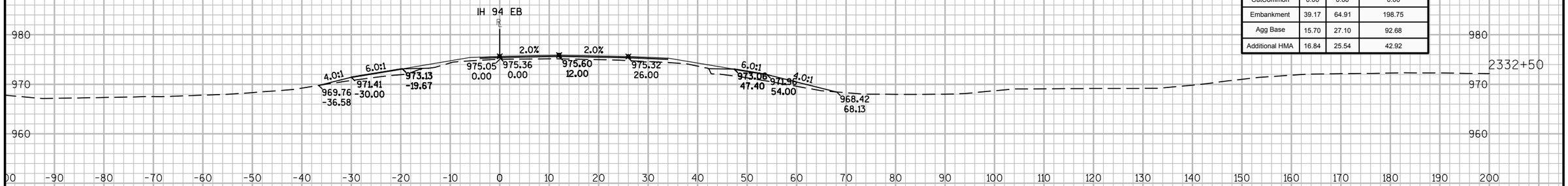
9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 566 E

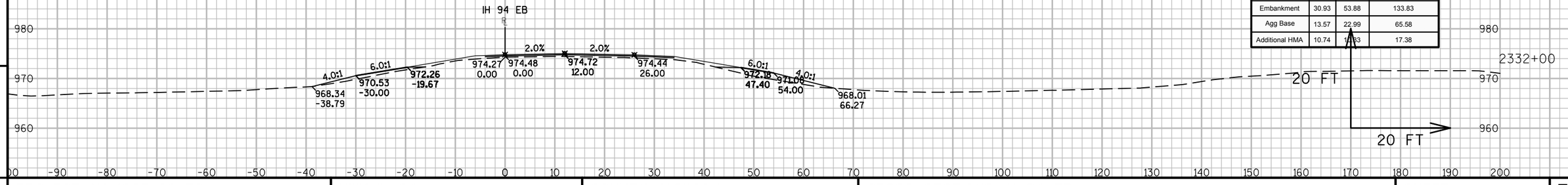
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (1)
PLOT DATE : 10/20/2014 10:56 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2333+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	33.14	66.95	265.70
Agg Base	9.76	23.57	116.25
Additional HMA	21.27	35.29	78.22



Material(s) at Station 2332+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	39.17	64.91	198.75
Agg Base	15.70	27.10	92.68
Additional HMA	16.84	25.54	42.92



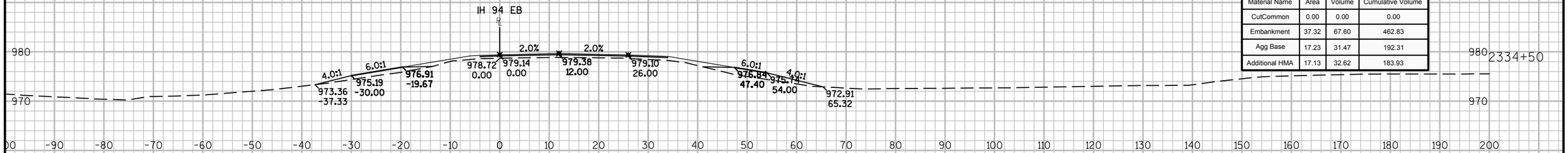
Material(s) at Station 2332+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	30.93	53.88	133.83
Agg Base	13.57	22.99	65.58
Additional HMA	10.74	17.38	17.38

9 9

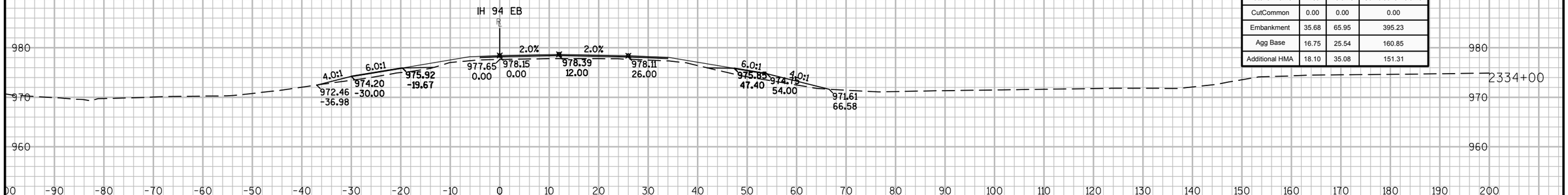
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 567	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (2)

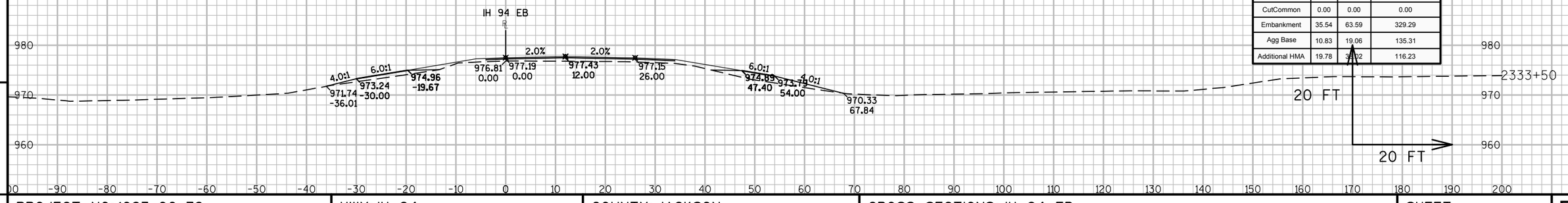
PLOT DATE : 10/20/2014 10:56 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2334+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	37.32	67.60	462.83
Agg Base	17.23	31.47	192.31
Additional HMA	17.13	32.62	183.93



Material(s) at Station 2334+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	35.68	65.95	395.23
Agg Base	16.75	25.54	160.85
Additional HMA	18.10	35.08	151.31



Material(s) at Station 2333+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	35.54	63.59	329.29
Agg Base	10.83	19.06	135.31
Additional HMA	19.78	33.02	116.23

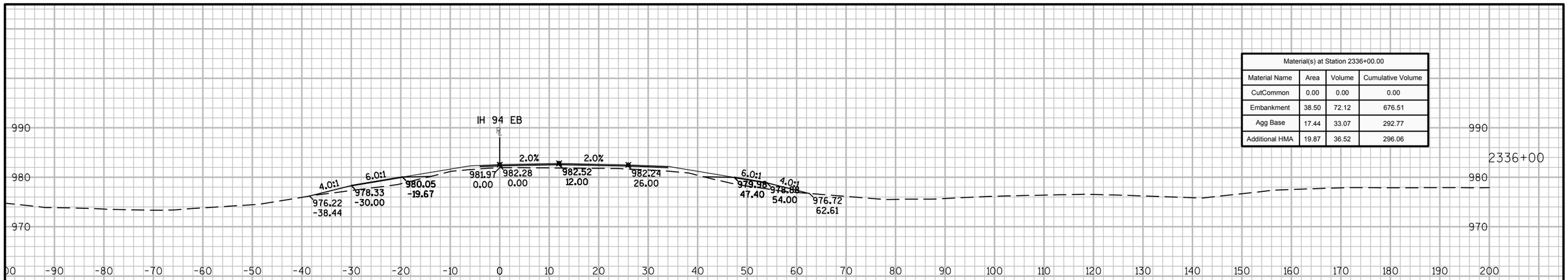
9

9

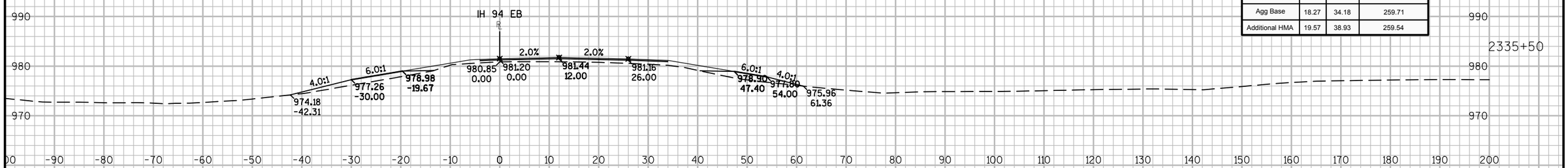
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 568	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (3)

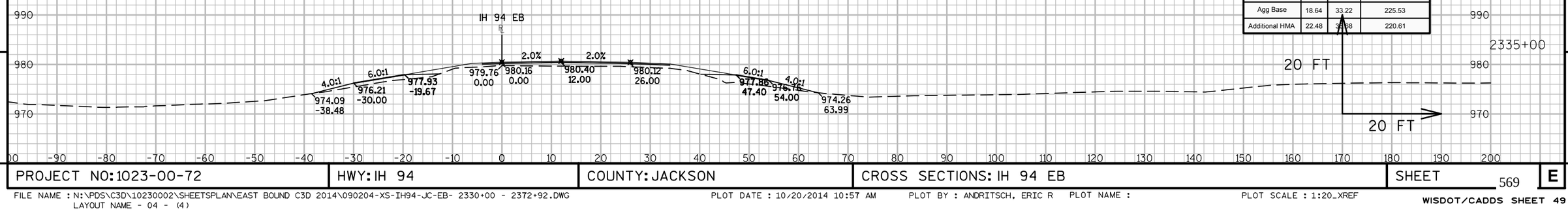
PLOT DATE : 10/20/2014 10:57 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2336+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	38.50	72.12	676.51
Agg Base	17.44	33.07	292.77
Additional HMA	19.87	36.52	296.06



Material(s) at Station 2335+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	39.39	71.73	604.39
Agg Base	18.27	34.18	259.71
Additional HMA	19.57	38.93	259.54



Material(s) at Station 2335+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	38.08	69.82	532.65
Agg Base	18.64	33.22	225.53
Additional HMA	22.48	39.38	220.61

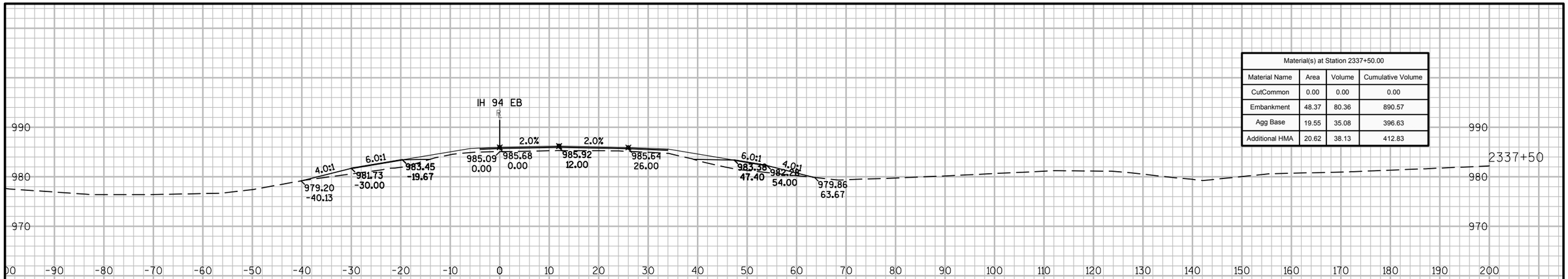
9

9

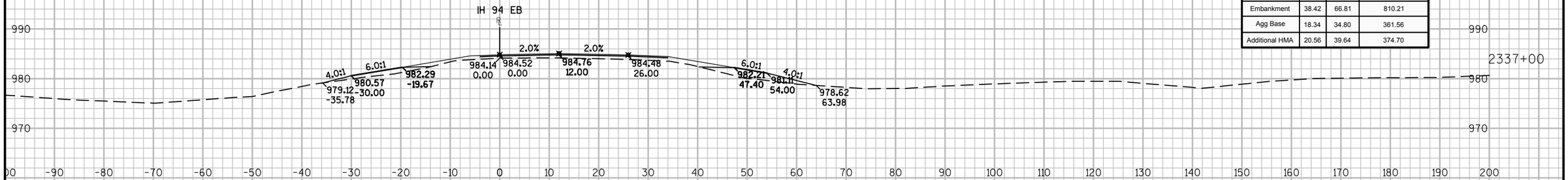
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 569	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (4)

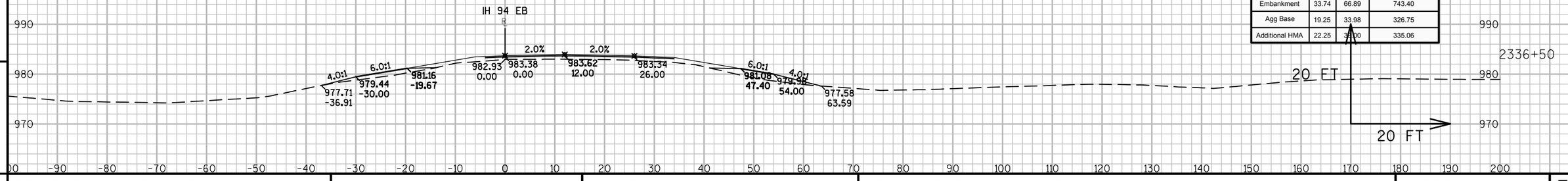
PLOT DATE : 10/20/2014 10:57 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2337+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	48.37	80.36	890.57
Agg Base	19.55	35.08	396.63
Additional HMA	20.62	38.13	412.83



Material(s) at Station 2337+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	38.42	66.81	810.21
Agg Base	18.34	34.80	361.56
Additional HMA	20.56	39.64	374.70

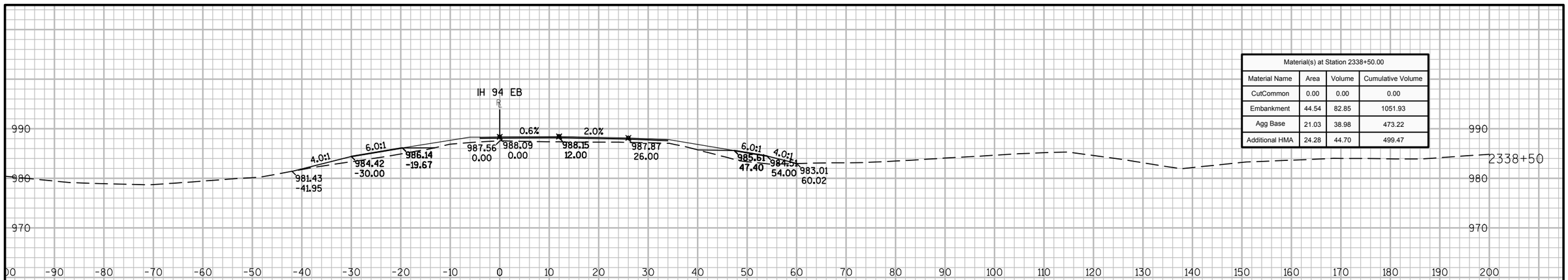


Material(s) at Station 2336+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	33.74	66.89	743.40
Agg Base	19.25	33.98	326.75
Additional HMA	22.25	39.00	335.06

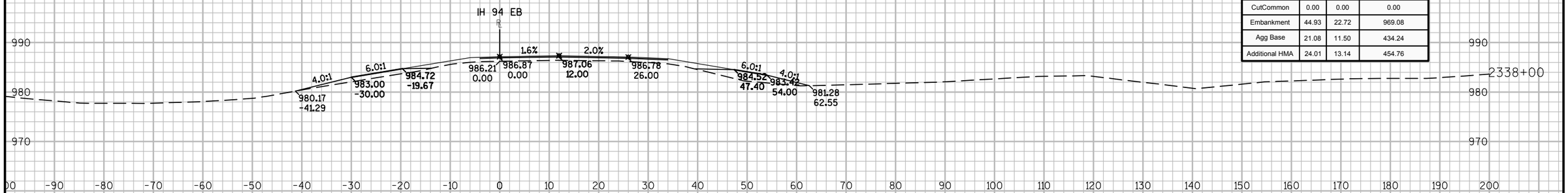
9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 570	E

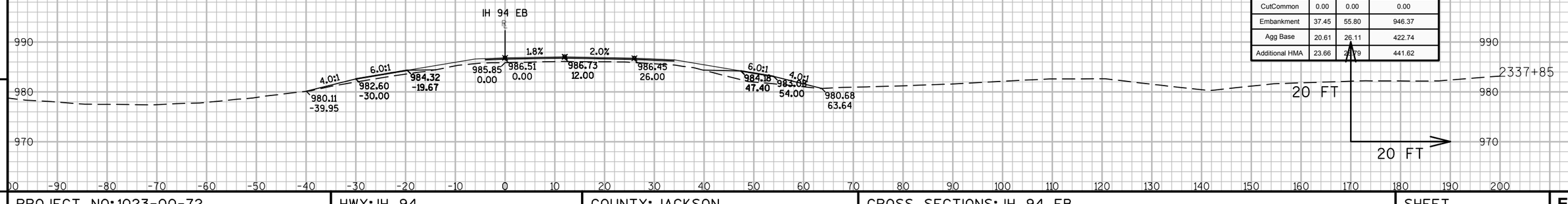
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (5)
PLOT DATE : 10/20/2014 10:57 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2338+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	44.54	82.85	1051.93
Agg Base	21.03	38.98	473.22
Additional HMA	24.28	44.70	499.47



Material(s) at Station 2338+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	44.93	22.72	969.08
Agg Base	21.08	11.50	434.24
Additional HMA	24.01	13.14	454.76

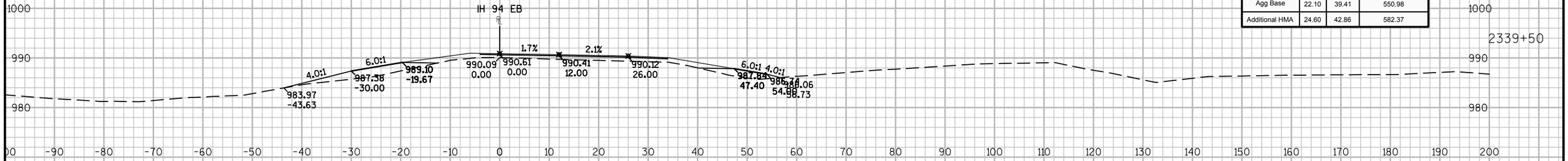


Material(s) at Station 2337+85.11			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	37.45	55.80	946.37
Agg Base	20.61	26.11	422.74
Additional HMA	23.66	28.79	441.62

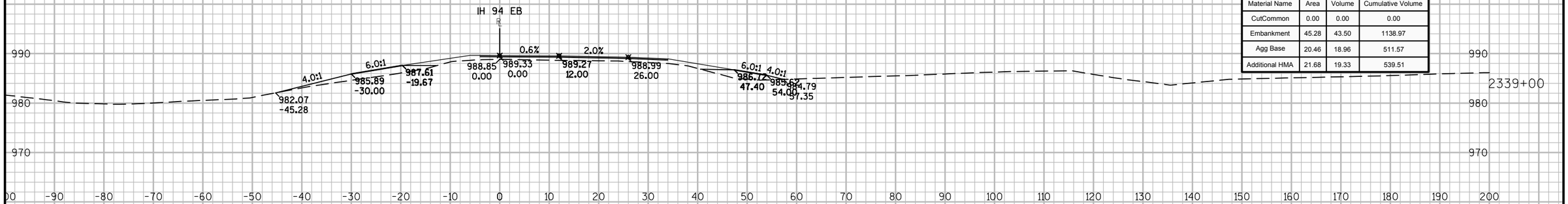
9

9

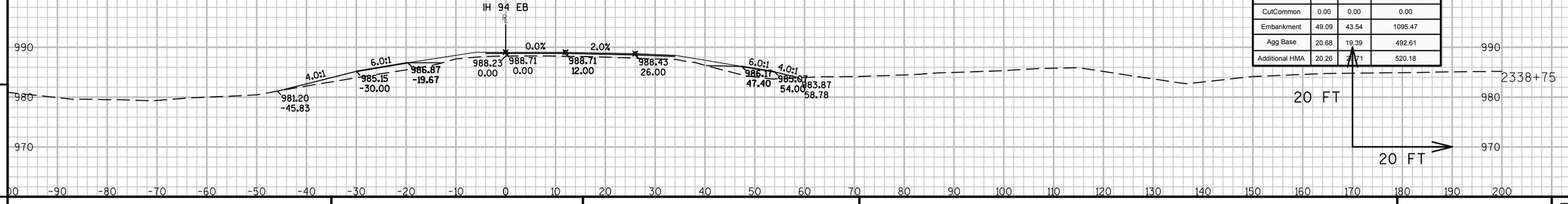
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 571	E



Material(s) at Station 2339+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	49.94	88.17	1227.14
Agg Base	22.10	39.41	550.98
Additional HMA	24.60	42.86	582.37



Material(s) at Station 2339+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	45.28	43.50	1138.97
Agg Base	20.46	18.96	511.57
Additional HMA	21.68	19.33	539.51



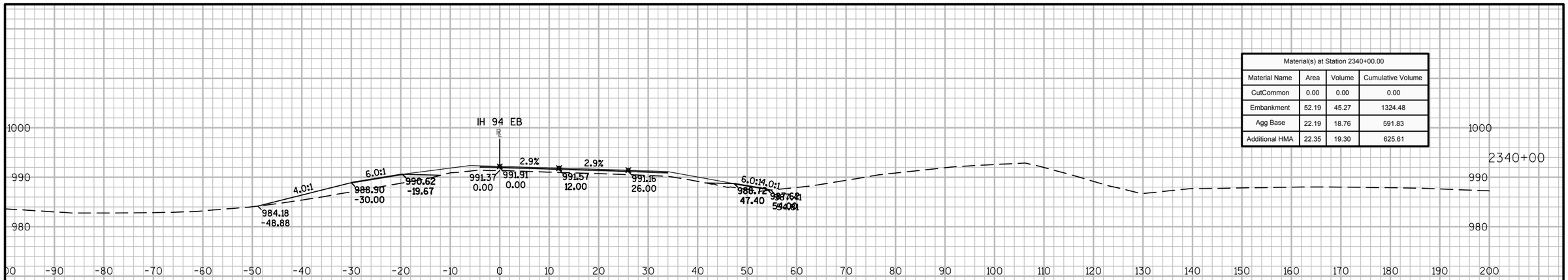
Material(s) at Station 2338+75.11			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	49.09	43.54	1095.47
Agg Base	20.68	19.39	492.61
Additional HMA	20.26	19.71	520.18

9

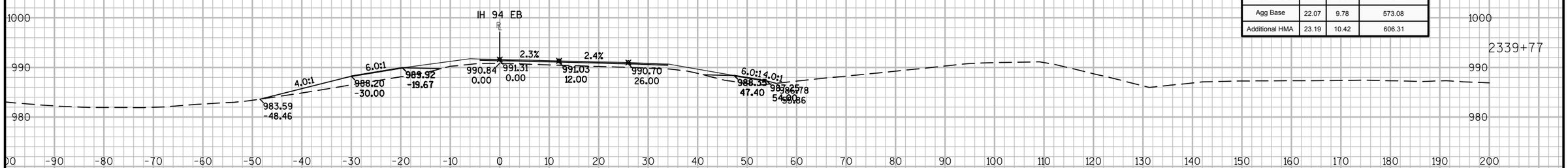
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 572	E

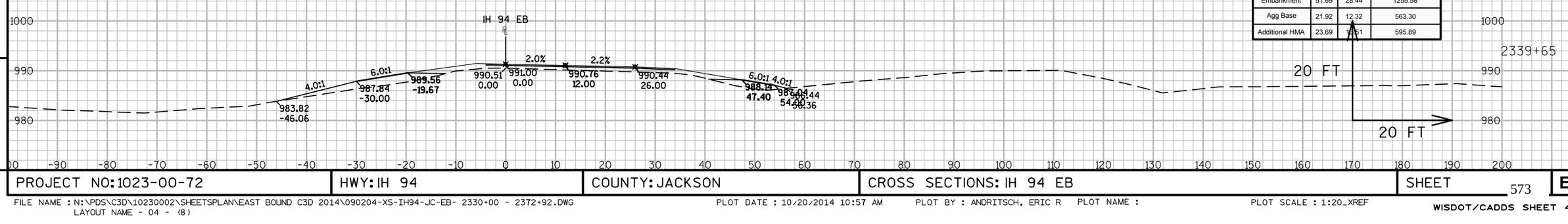
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (7)
PLOT DATE : 10/20/2014 10:57 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2340+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	52.19	45.27	1324.48
Agg Base	22.19	18.76	591.83
Additional HMA	22.35	19.30	625.61



Material(s) at Station 2339+77.11			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	54.62	23.64	1279.21
Agg Base	22.07	9.78	573.08
Additional HMA	23.19	10.42	606.31



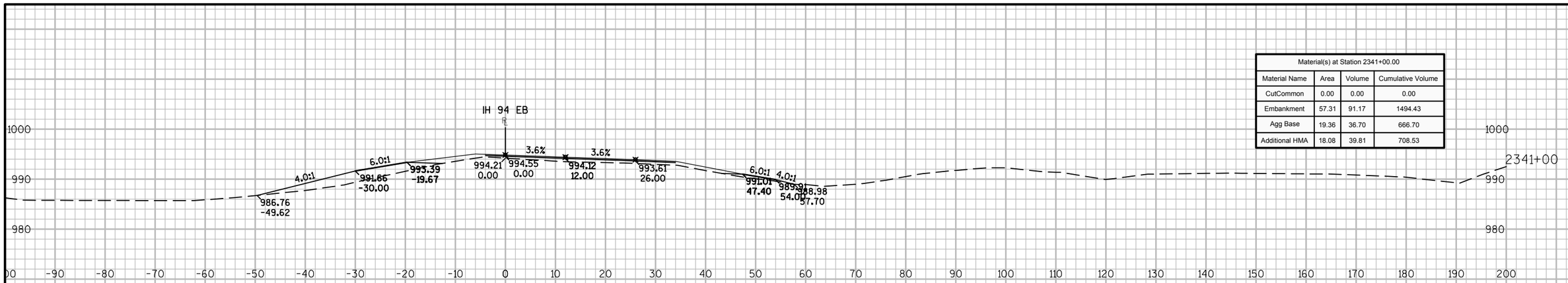
Material(s) at Station 2339+65.11			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	51.69	28.44	1255.58
Agg Base	21.92	12.32	563.30
Additional HMA	23.69	13.61	595.89

9

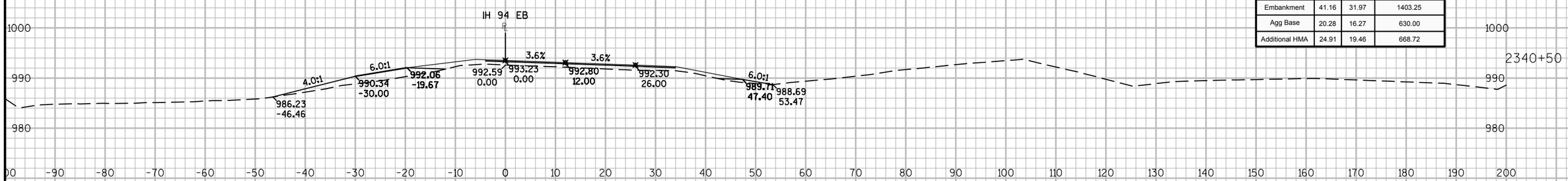
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 573	E

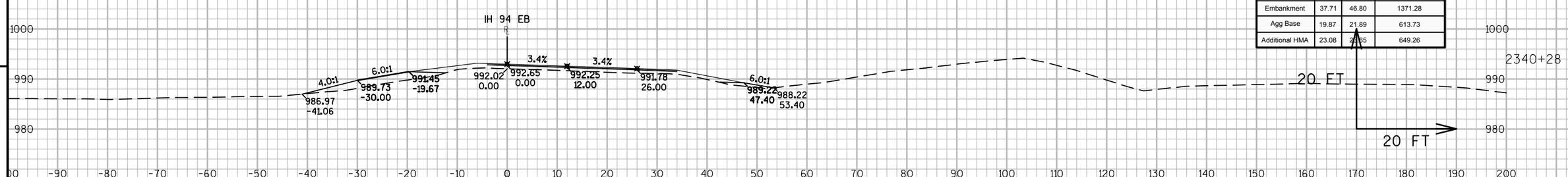
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (8)
PLOT DATE : 10/20/2014 10:57 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2341+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	57.31	91.17	1494.43
Agg Base	19.36	36.70	666.70
Additional HMA	18.08	39.81	708.53



Material(s) at Station 2340+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	41.16	31.97	1403.25
Agg Base	20.28	16.27	630.00
Additional HMA	24.91	19.46	668.72



Material(s) at Station 2340+28.11			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	37.71	46.80	1371.28
Agg Base	19.87	21.89	613.73
Additional HMA	23.08	25.85	649.26

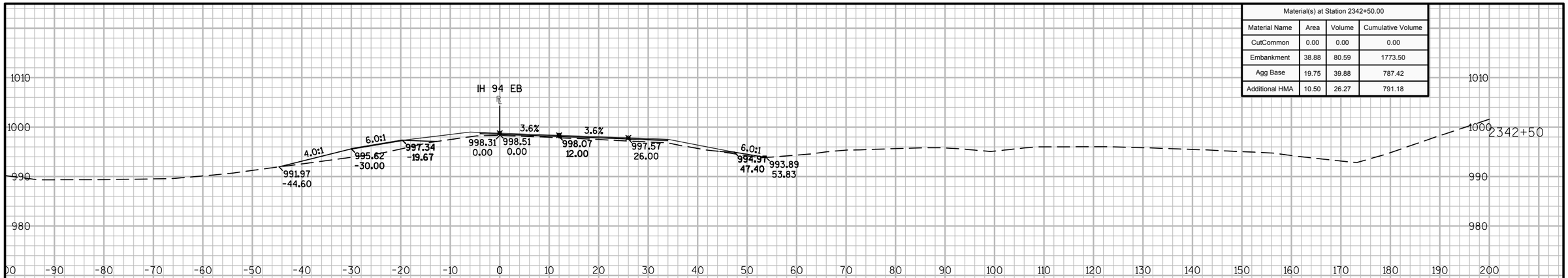
9

9

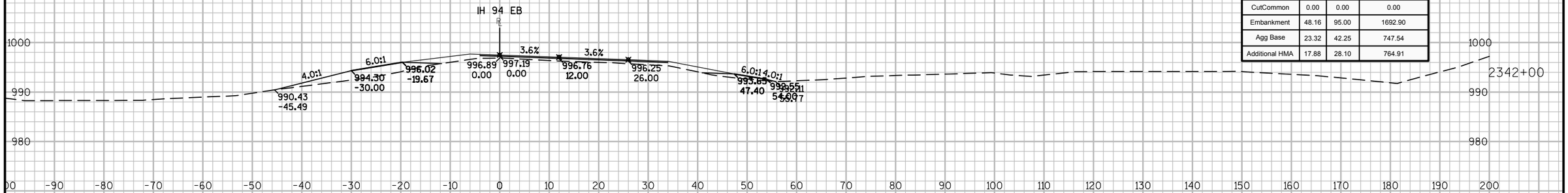
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 574	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (9)

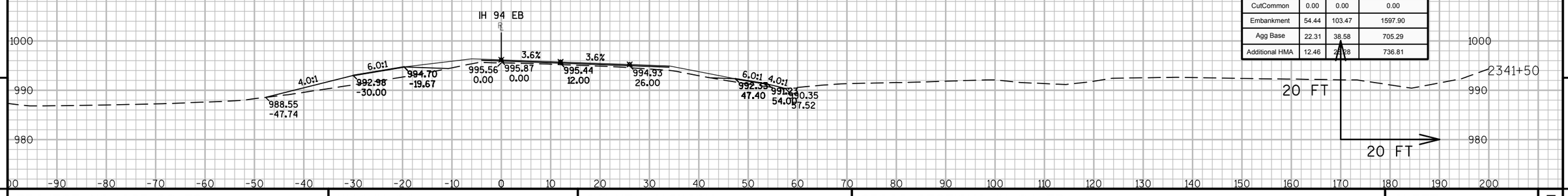
PLOT DATE : 10/20/2014 10:57 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2342+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	38.88	80.59	1773.50
Agg Base	19.75	39.88	787.42
Additional HMA	10.50	26.27	791.18



Material(s) at Station 2342+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	48.16	95.00	1692.90
Agg Base	23.32	42.25	747.54
Additional HMA	17.88	28.10	764.91



Material(s) at Station 2341+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	54.44	103.47	1597.90
Agg Base	22.31	38.58	705.29
Additional HMA	12.46	28.28	736.81

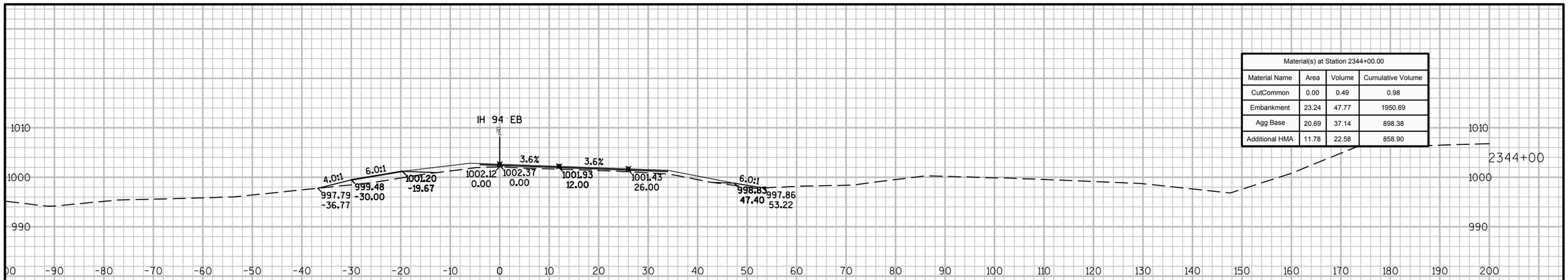
9

9

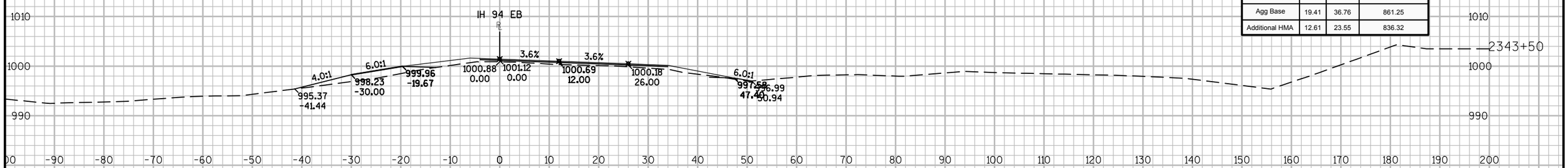
PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 575 | E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (10)

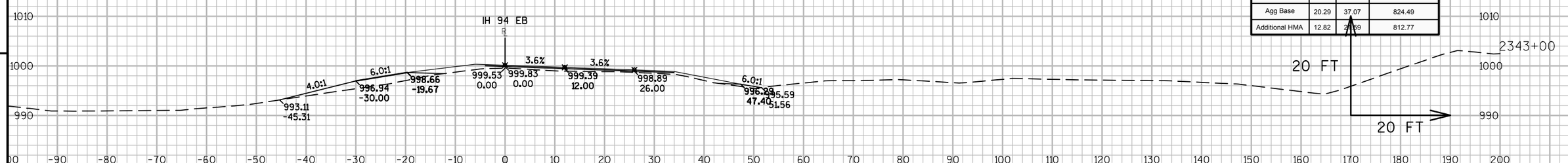
PLOT DATE : 10/20/2014 10:57 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2344+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.49	0.98
Embankment	23.24	47.77	1950.69
Agg Base	20.69	37.14	898.38
Additional HMA	11.78	22.58	858.90



Material(s) at Station 2343+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.53	0.49	0.49
Embankment	28.34	59.83	1902.92
Agg Base	19.41	36.76	861.25
Additional HMA	12.61	23.55	836.32



Material(s) at Station 2343+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	36.28	69.59	1843.09
Agg Base	20.29	37.07	824.49
Additional HMA	12.82	24.59	812.77

9 9

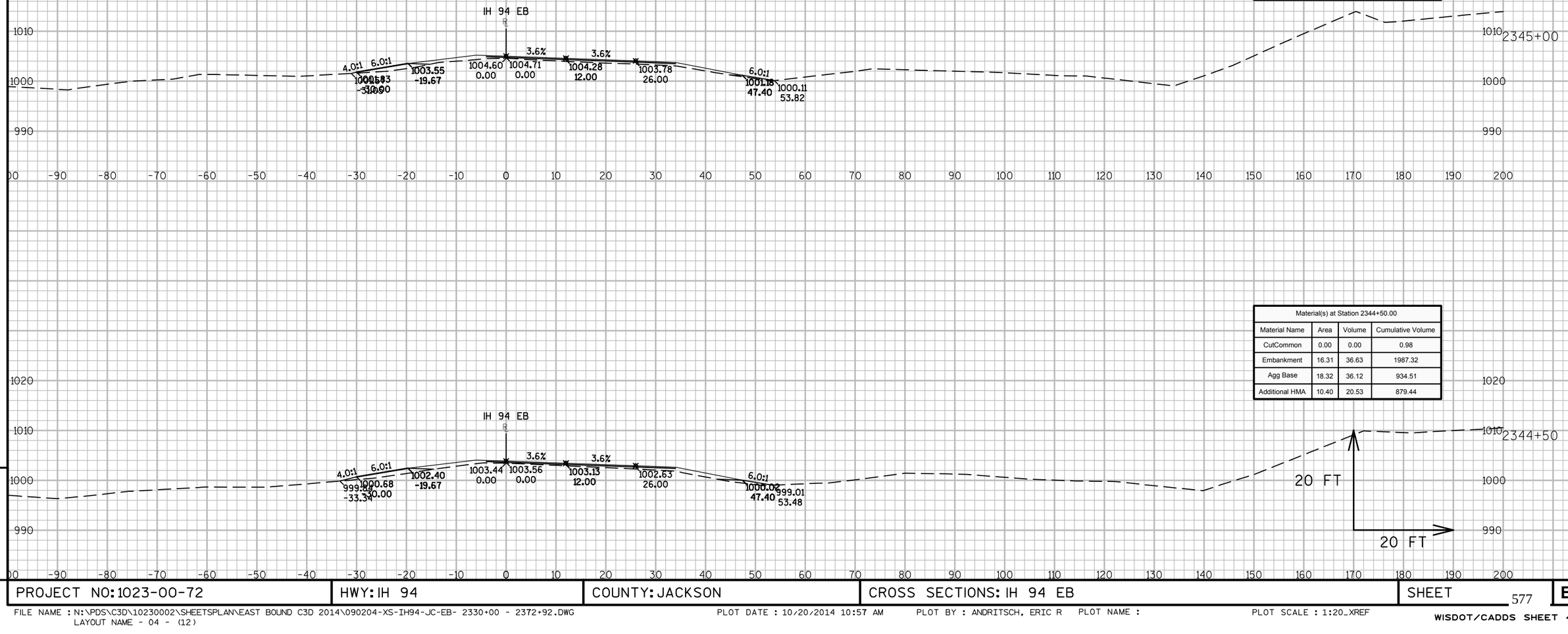
PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 576 E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (11)

PLOT DATE : 10/20/2014 10:57 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

Material(s) at Station 2345+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.98
Embankment	11.34	25.60	2012.92
Agg Base	16.14	31.91	966.41
Additional HMA	11.42	20.20	899.64



Material(s) at Station 2344+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.98
Embankment	16.31	36.63	1987.32
Agg Base	18.32	36.12	934.51
Additional HMA	10.40	20.53	879.44

9

9

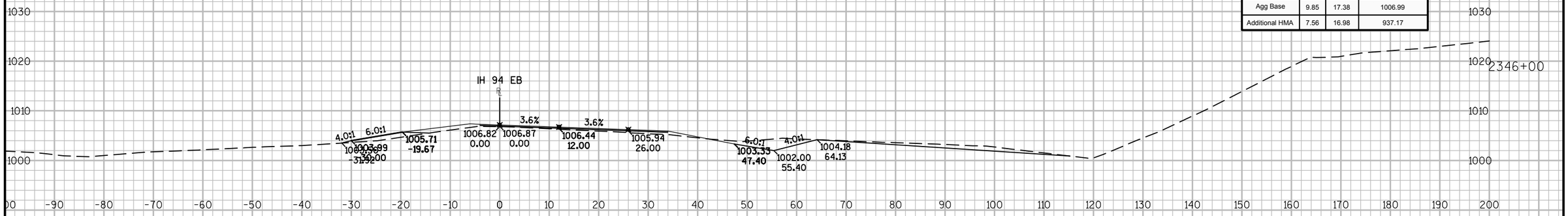
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 577	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (12)

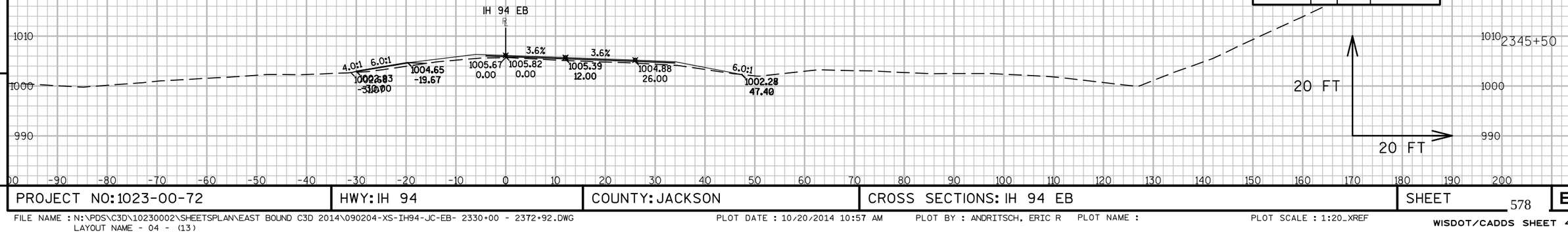
PLOT DATE : 10/20/2014 10:57 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

Material(s) at Station 2346+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	44.91	41.58	42.56
Embankment	11.10	16.54	2046.23
Agg Base	9.85	17.38	1006.99
Additional HMA	7.56	16.98	937.17



Material(s) at Station 2345+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.98
Embankment	6.77	16.76	2029.68
Agg Base	8.92	23.20	989.61
Additional HMA	10.77	20.55	920.19



9

9

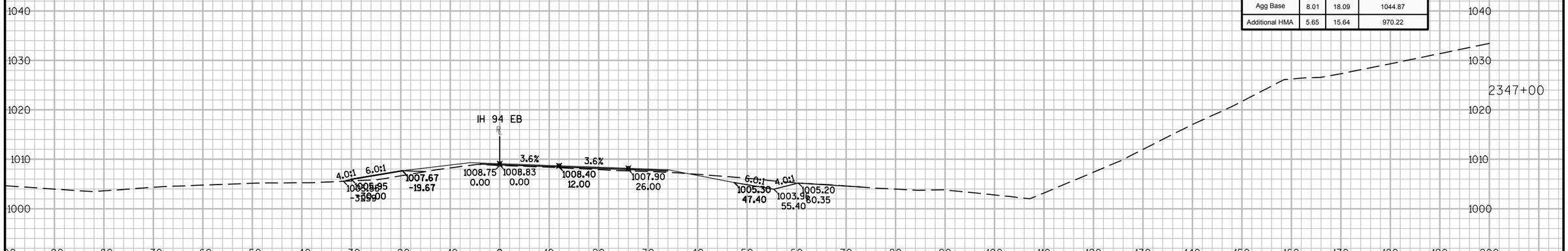
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 578	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (13)

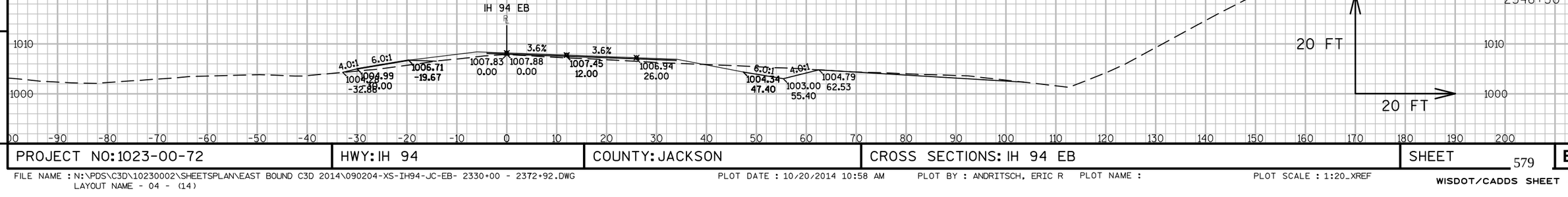
PLOT DATE : 10/20/2014 10:57 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

Material(s) at Station 2347+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	15.67	43.51	156.65
Embankment	10.89	20.61	2087.64
Agg Base	8.01	18.09	1044.87
Additional HMA	5.65	15.64	970.22



Material(s) at Station 2346+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	31.32	70.58	113.14
Embankment	11.37	20.81	2067.03
Agg Base	11.52	19.79	1026.78
Additional HMA	11.24	17.41	954.58



9

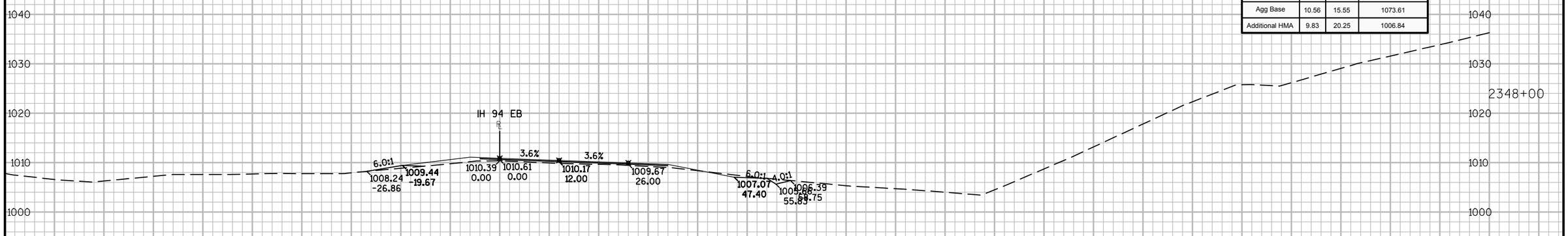
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 579	E

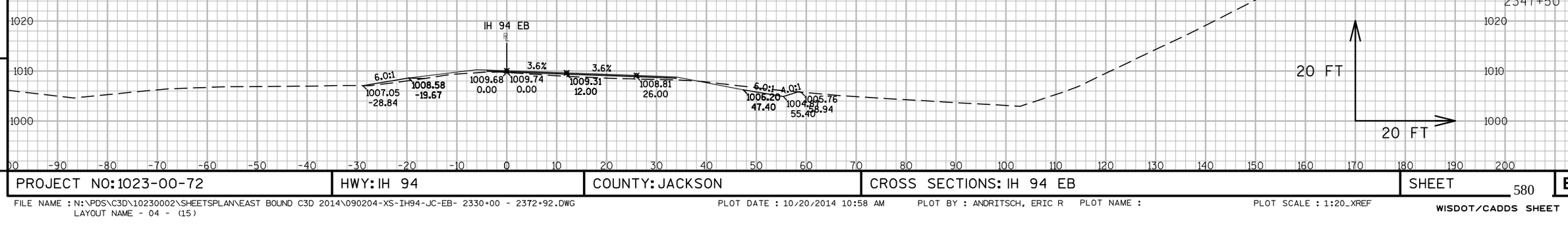
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (14)

PLOT DATE : 10/20/2014 10:58 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2348+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	3.74	12.10	191.89
Embankment	3.13	6.78	2108.38
Agg Base	10.56	15.55	1073.61
Additional HMA	9.83	20.25	1006.84



Material(s) at Station 2347+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	9.33	23.15	179.79
Embankment	4.19	13.96	2101.61
Agg Base	6.23	13.19	1058.06
Additional HMA	12.04	16.38	986.59



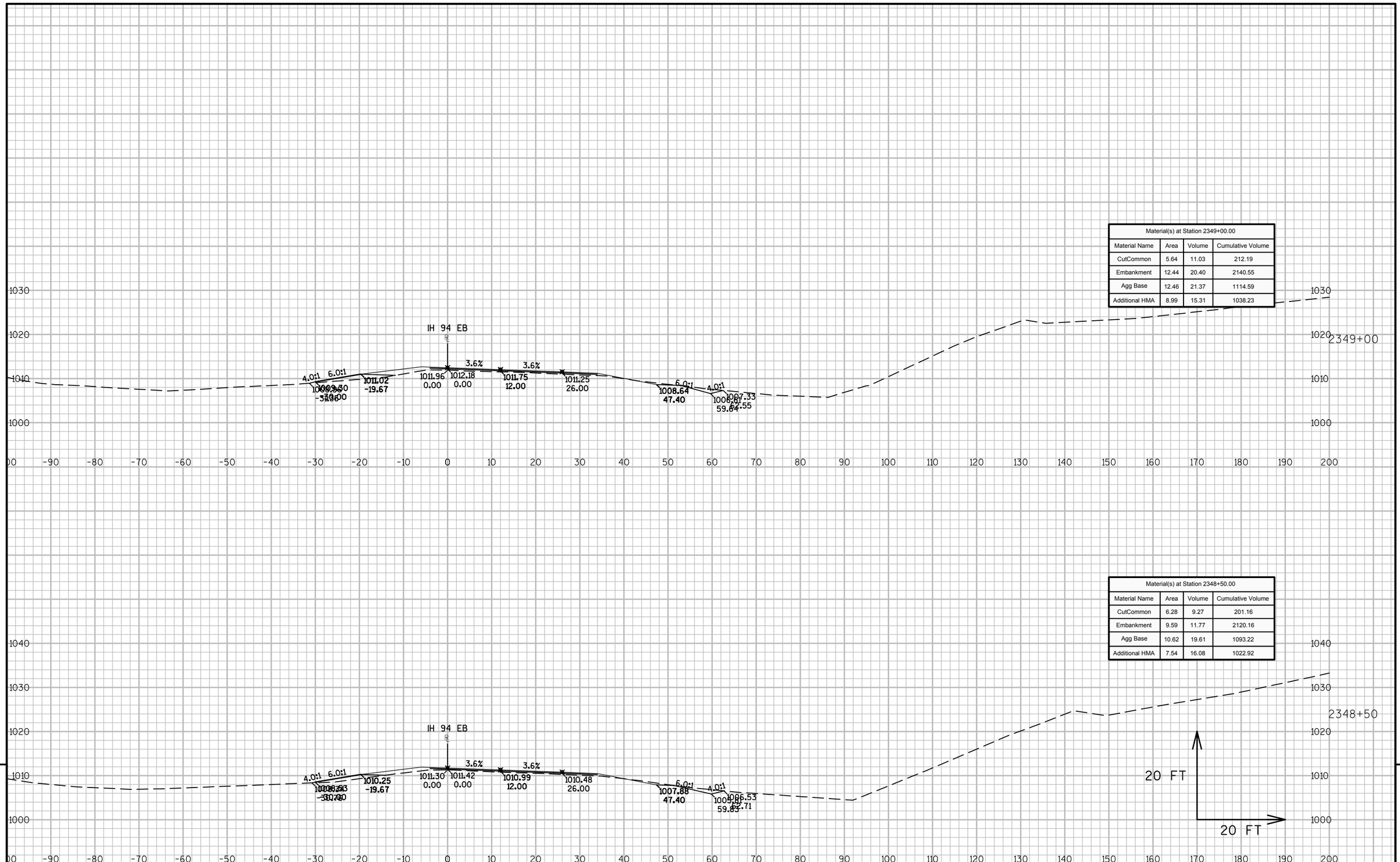
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 580	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (15)

PLOT DATE : 10/20/2014 10:58 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2349+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	5.64	11.03	212.19
Embankment	12.44	20.40	2140.55
Agg Base	12.46	21.37	1114.59
Additional HMA	8.99	15.31	1038.23

Material(s) at Station 2348+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	6.28	9.27	201.16
Embankment	9.59	11.77	2120.16
Agg Base	10.62	19.61	1093.22
Additional HMA	7.54	16.08	1022.92

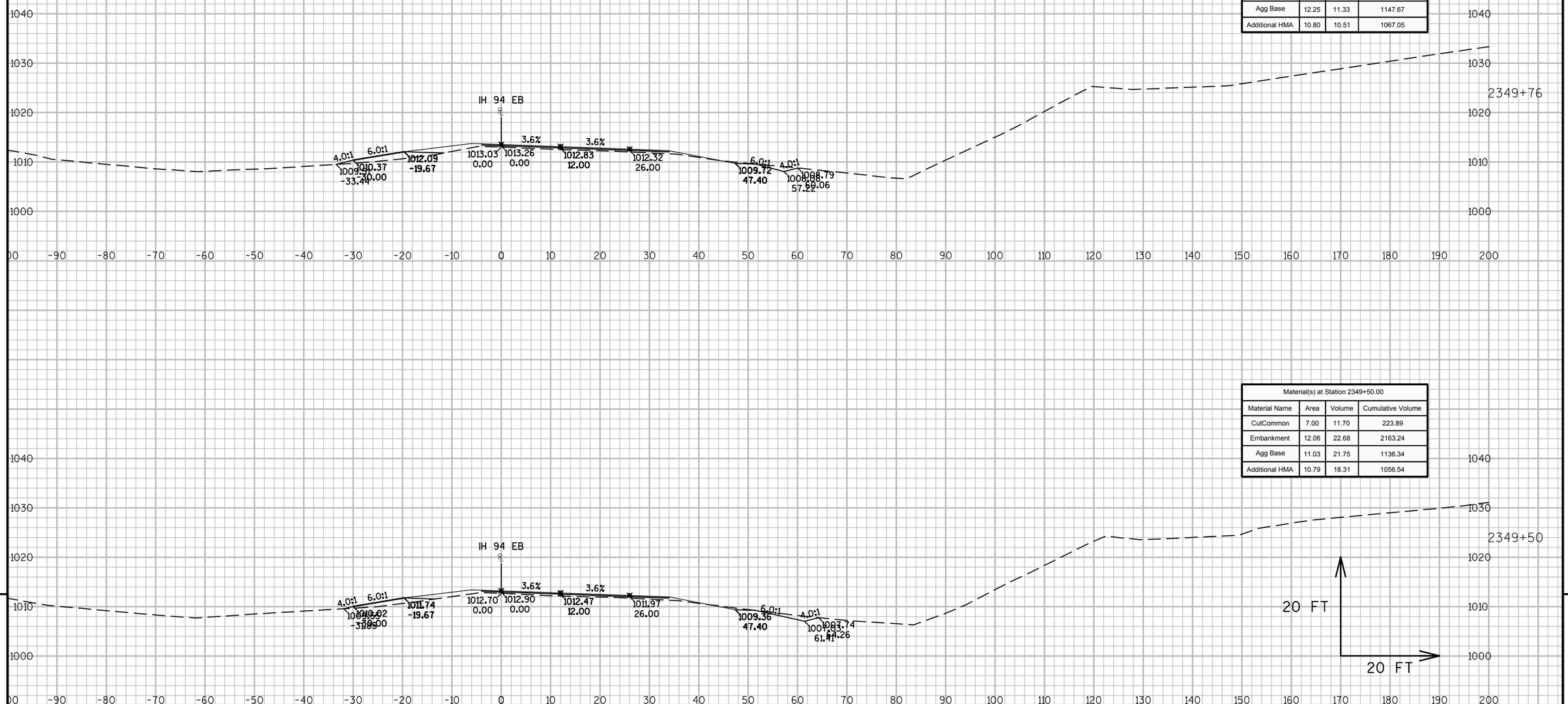
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 581	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (16)
PLOT DATE : 10/20/2014 10:58 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2349+76.28			
Material Name	Area	Volume	Cumulative Volume
CutCommon	4.81	5.75	229.64
Embankment	18.09	14.68	2177.91
Agg Base	12.25	11.33	1147.67
Additional HMA	10.80	10.51	1067.05

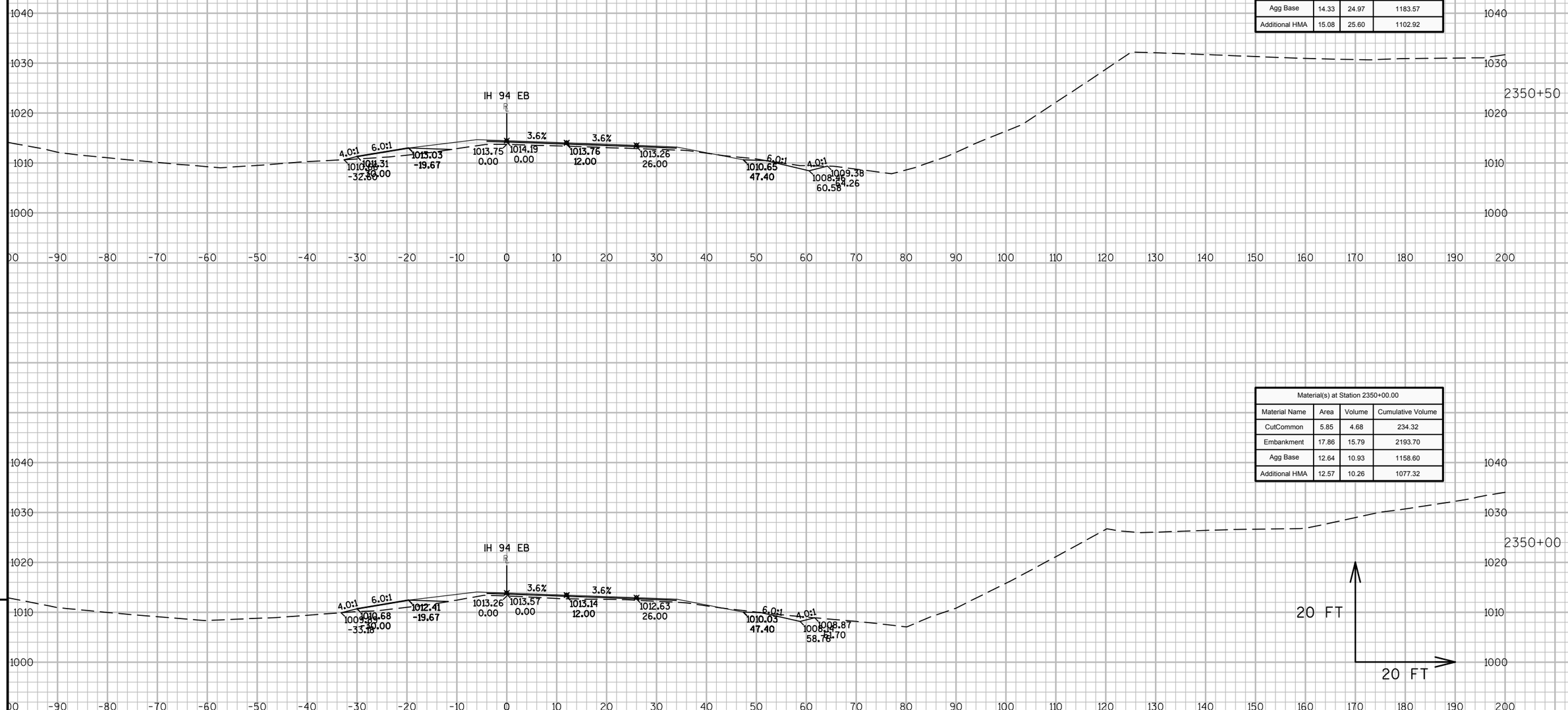


Material(s) at Station 2349+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	7.00	11.70	223.89
Embankment	12.06	22.68	2163.24
Agg Base	11.03	21.75	1136.34
Additional HMA	10.79	18.31	1056.54

9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 582	E

Material(s) at Station 2350+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	6.50	11.43	245.75
Embankment	17.48	32.72	2226.42
Agg Base	14.33	24.97	1183.57
Additional HMA	15.08	25.60	1102.92



Material(s) at Station 2350+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	5.85	4.68	234.32
Embankment	17.86	15.79	2193.70
Agg Base	12.64	10.93	1158.60
Additional HMA	12.57	10.26	1077.32

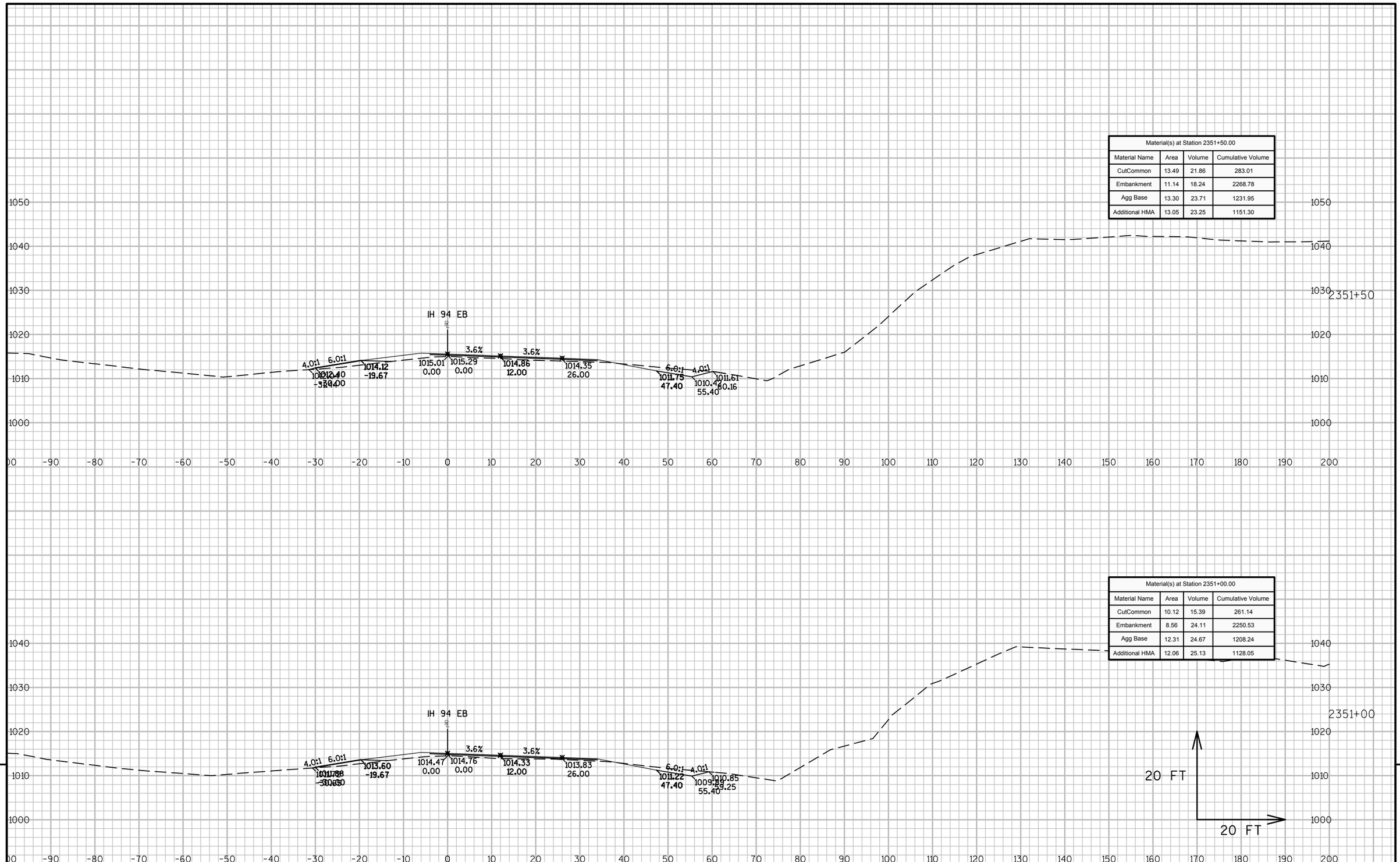
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 583	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (18)
PLOT DATE : 10/20/2014 10:58 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49

Material(s) at Station 2351+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	13.49	21.86	283.01
Embankment	11.14	18.24	2268.78
Agg Base	13.30	23.71	1231.95
Additional HMA	13.05	23.25	1151.30



Material(s) at Station 2351+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	10.12	15.39	261.14
Embankment	8.56	24.11	2250.53
Agg Base	12.31	24.67	1208.24
Additional HMA	12.06	25.13	1128.05

9

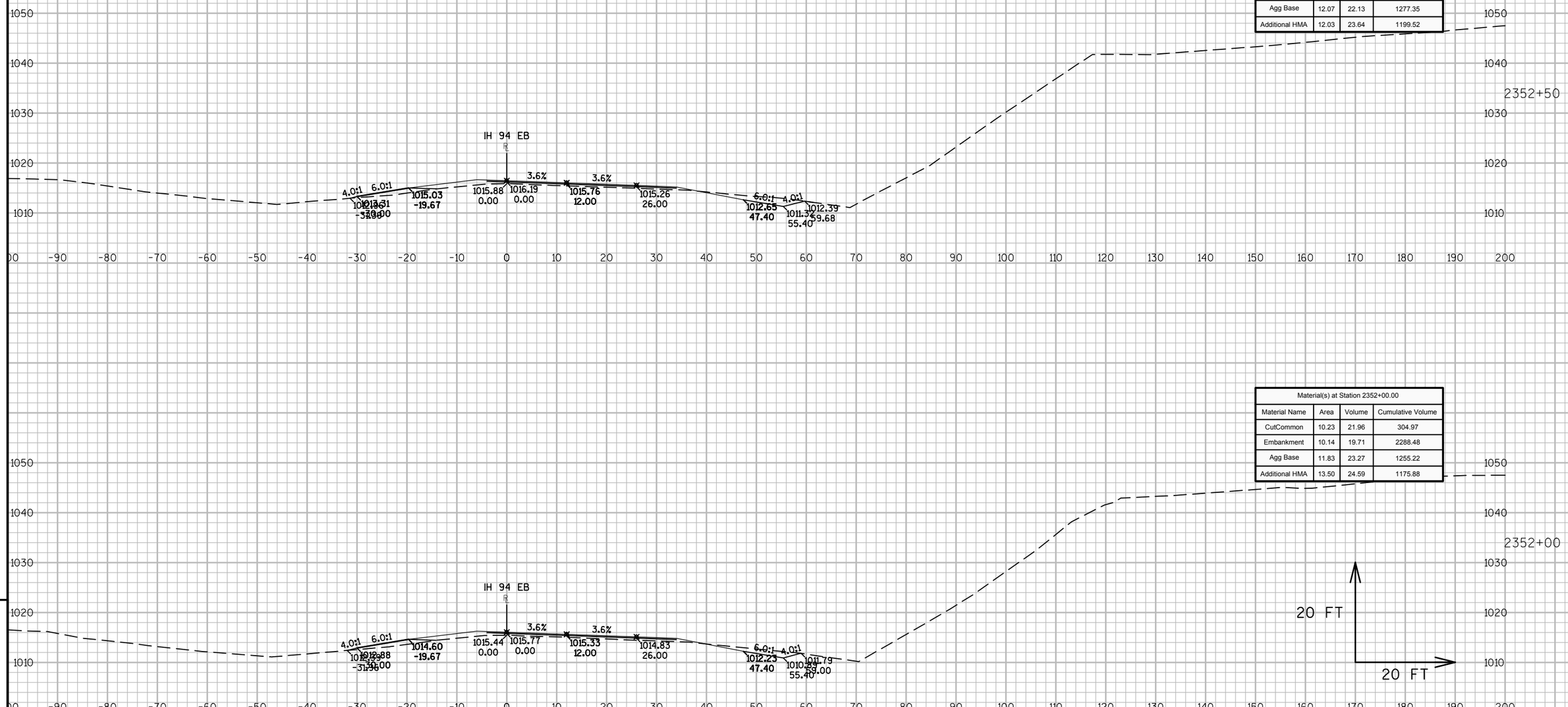
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 584	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (19)

PLOT DATE : 10/20/2014 10:58 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2352+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	13.50	21.98	326.95
Embankment	9.99	18.64	2307.12
Agg Base	12.07	22.13	1277.35
Additional HMA	12.03	23.64	1199.52



Material(s) at Station 2352+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	10.23	21.96	304.97
Embankment	10.14	19.71	2288.48
Agg Base	11.83	23.27	1255.22
Additional HMA	13.50	24.59	1175.88

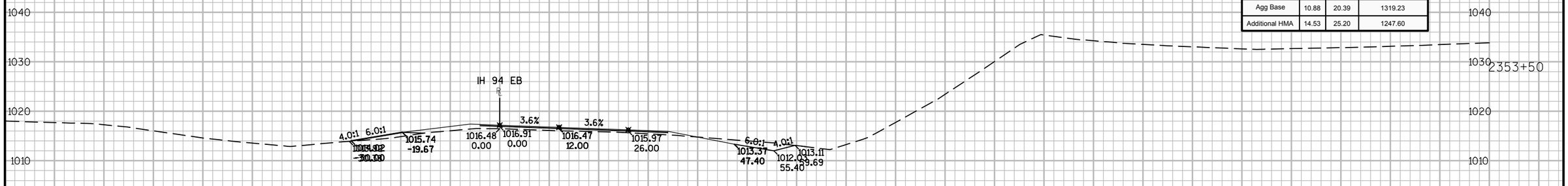
9 9

PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 585 | E

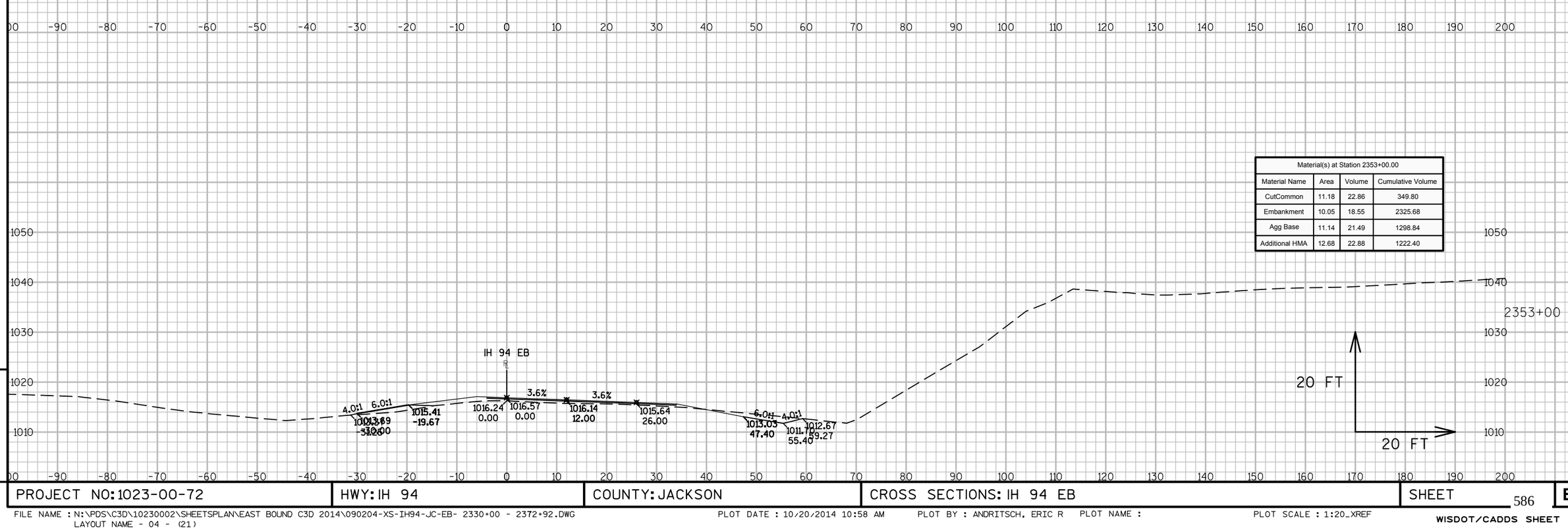
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (20)

PLOT DATE : 10/20/2014 10:58 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2353+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	13.12	22.50	372.31
Embankment	7.10	15.88	2341.55
Agg Base	10.88	20.39	1319.23
Additional HMA	14.53	25.20	1247.60



Material(s) at Station 2353+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	11.18	22.86	349.80
Embankment	10.05	18.55	2325.68
Agg Base	11.14	21.49	1298.84
Additional HMA	12.68	22.88	1222.40



9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 586	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (21)

PLOT DATE : 10/20/2014 10:58 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2355+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	9.45	17.64	435.56
Embankment	16.07	27.16	2408.03
Agg Base	11.96	22.66	1384.02
Additional HMA	15.71	27.24	1322.52

Material(s) at Station 2354+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	9.60	21.18	417.92
Embankment	13.27	22.52	2380.87
Agg Base	12.50	21.82	1361.36
Additional HMA	13.71	23.46	1295.27

Material(s) at Station 2354+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	13.27	24.44	396.74
Embankment	11.05	16.80	2358.35
Agg Base	11.06	20.31	1339.54
Additional HMA	11.62	24.22	1271.82

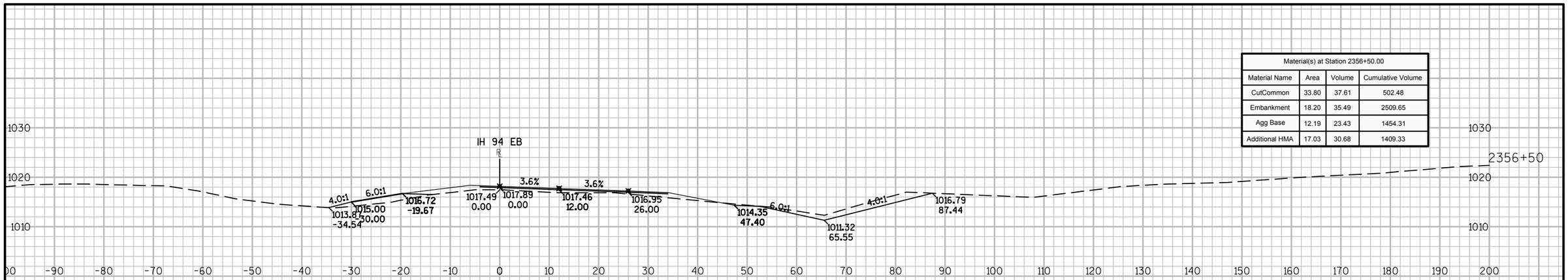
9

9

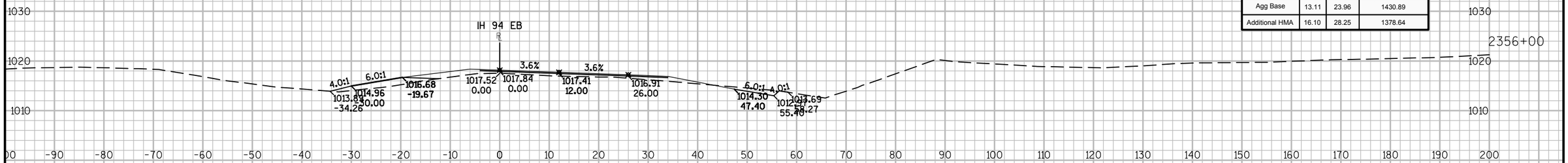
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 587	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (22)

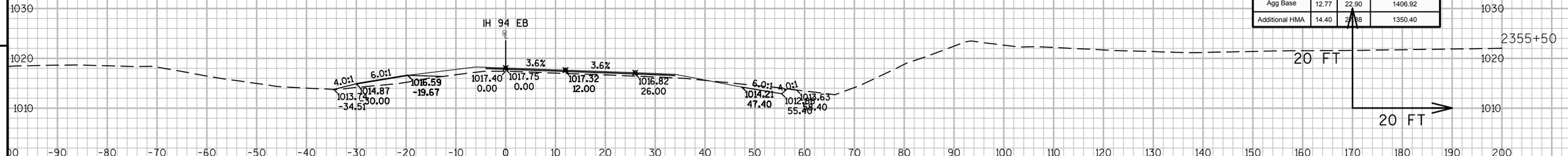
PLOT DATE : 10/20/2014 10:58 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2356+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	33.80	37.61	502.48
Embankment	18.20	35.49	2509.65
Agg Base	12.19	23.43	1454.31
Additional HMA	17.03	30.68	1409.33



Material(s) at Station 2356+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	6.82	13.44	464.87
Embankment	20.13	34.94	2474.16
Agg Base	13.11	23.96	1430.89
Additional HMA	16.10	28.25	1378.64



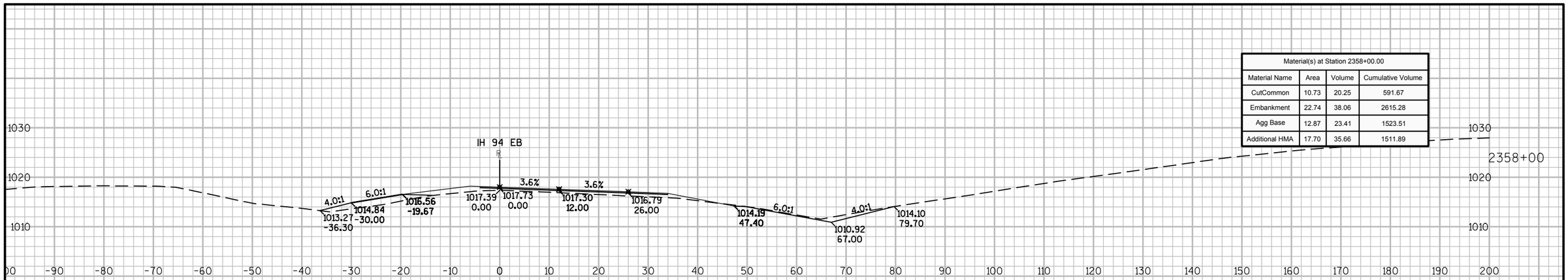
Material(s) at Station 2355+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	7.70	15.87	451.43
Embankment	17.61	31.18	2439.22
Agg Base	12.77	22.90	1406.92
Additional HMA	14.40	27.38	1350.40

9 9

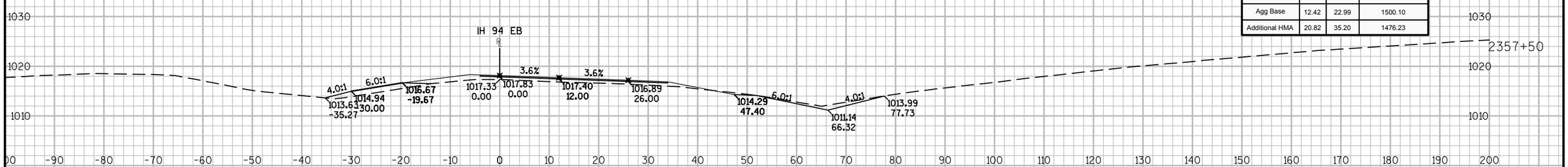
PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 588 | E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (23)

PLOT DATE : 10/20/2014 10:58 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2358+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	10.73	20.25	591.67
Embankment	22.74	38.06	2615.28
Agg Base	12.87	23.41	1523.51
Additional HMA	17.70	35.66	1511.89



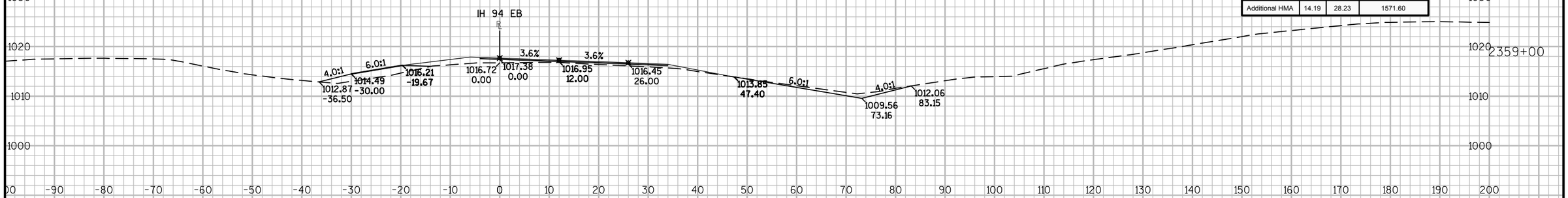
Material(s) at Station 2357+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	11.14	23.97	571.42
Embankment	18.36	33.85	2577.22
Agg Base	12.42	22.99	1500.10
Additional HMA	20.82	35.20	1476.23

Material(s) at Station 2357+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	14.76	44.96	547.44
Embankment	18.21	33.71	2543.37
Agg Base	12.42	22.79	1477.10
Additional HMA	17.20	34.70	1441.03

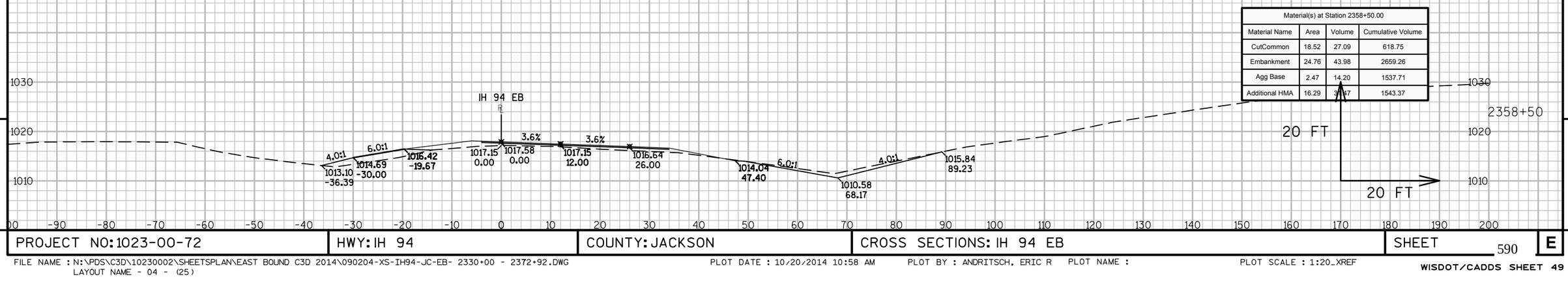
9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 589 E

Material(s) at Station 2359+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	13.87	29.99	648.75
Embankment	26.66	47.61	2706.86
Agg Base	13.41	14.70	1552.41
Additional HMA	14.19	28.23	1571.60



Material(s) at Station 2358+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	18.52	27.09	618.75
Embankment	24.76	43.98	2659.26
Agg Base	2.47	14.20	1537.71
Additional HMA	16.29	30.47	1543.37



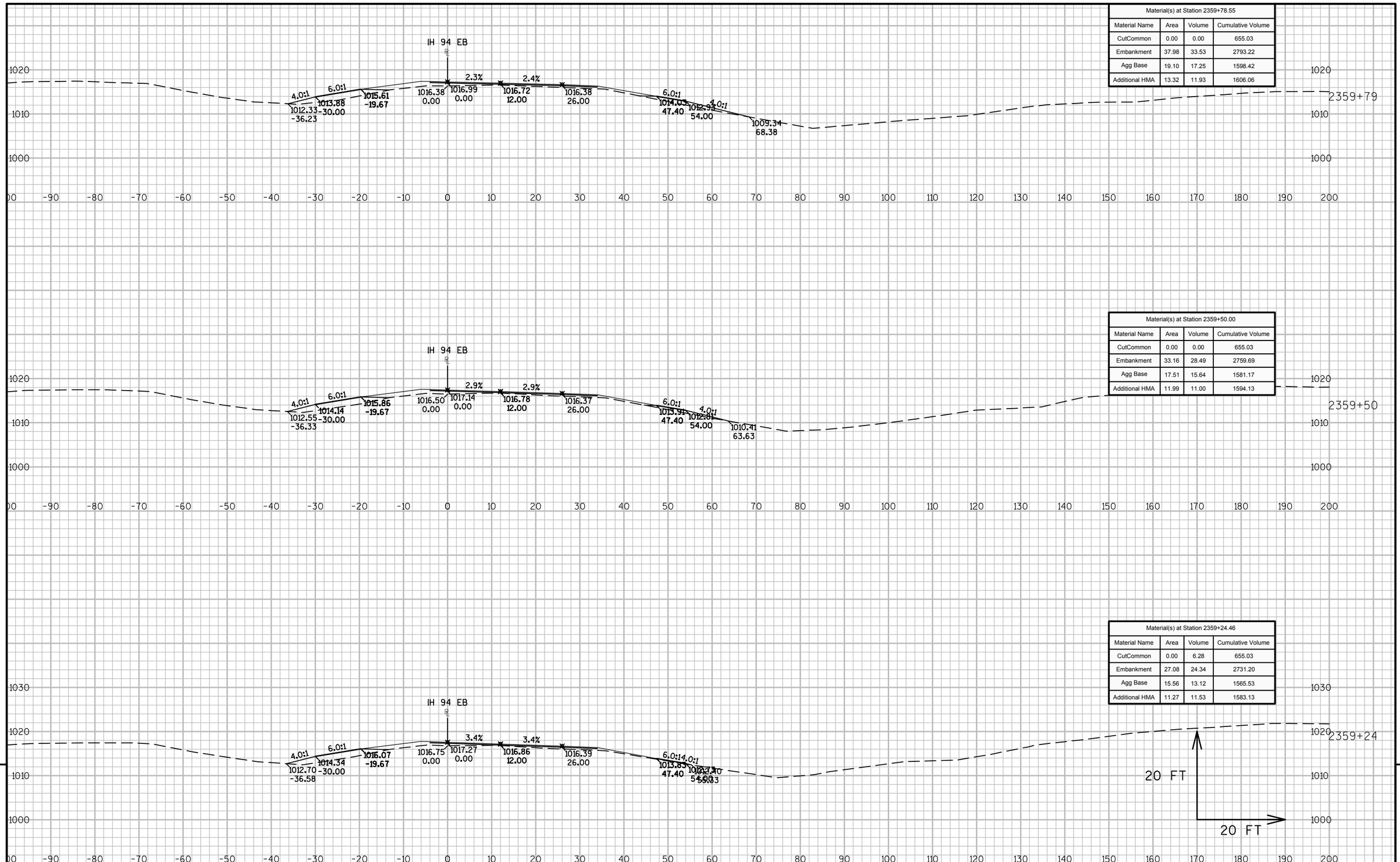
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 590	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (25)

PLOT DATE : 10/20/2014 10:58 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2359+78.55

Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	37.98	33.53	2793.22
Agg Base	19.10	17.25	1598.42
Additional HMA	13.32	11.93	1606.06

Material(s) at Station 2359+50.00

Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	33.16	28.49	2759.69
Agg Base	17.51	15.64	1581.17
Additional HMA	11.99	11.00	1594.13

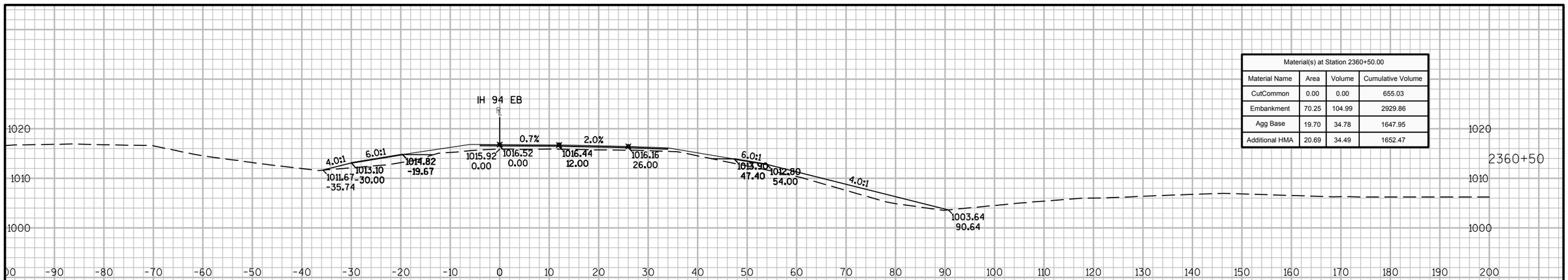
Material(s) at Station 2359+24.46

Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	6.28	655.03
Embankment	27.08	24.34	2731.20
Agg Base	15.56	13.12	1565.53
Additional HMA	11.27	11.53	1583.13

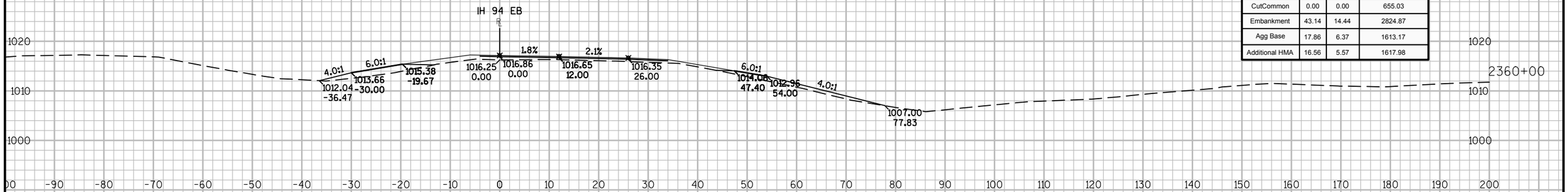
9

9

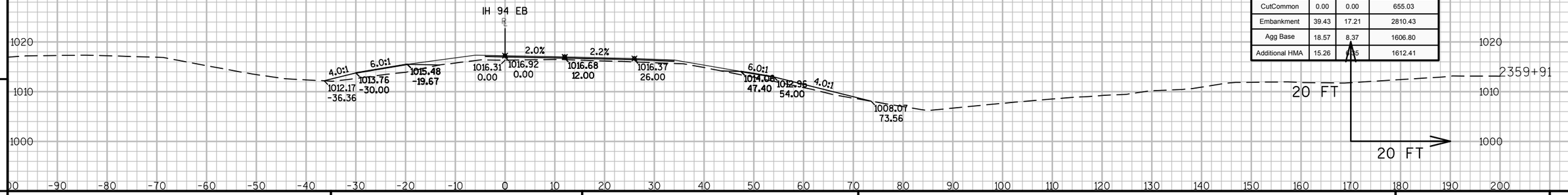
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 591 E



Material(s) at Station 2360+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	70.25	104.99	2929.86
Agg Base	19.70	34.78	1647.95
Additional HMA	20.69	34.49	1652.47



Material(s) at Station 2360+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	43.14	14.44	2824.87
Agg Base	17.86	6.37	1613.17
Additional HMA	16.56	5.57	1617.98



Material(s) at Station 2359+90.56			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	39.43	17.21	2810.43
Agg Base	18.57	8.37	1606.80
Additional HMA	15.26	6.85	1612.41

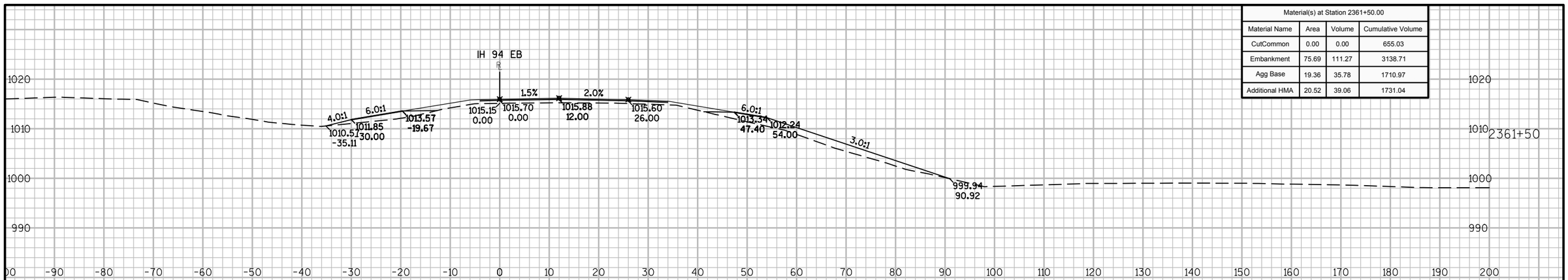
9

9

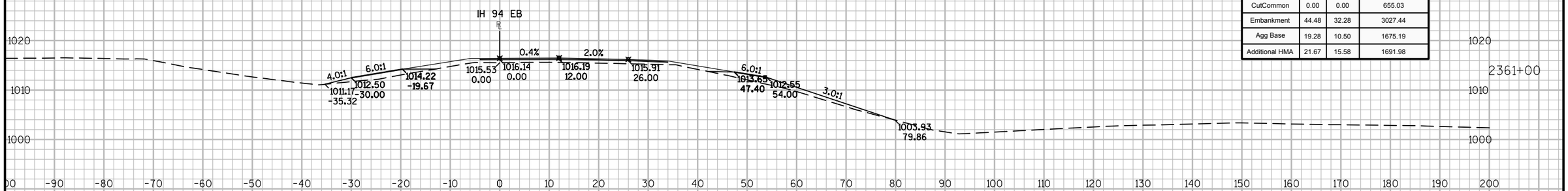
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 592	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (27)

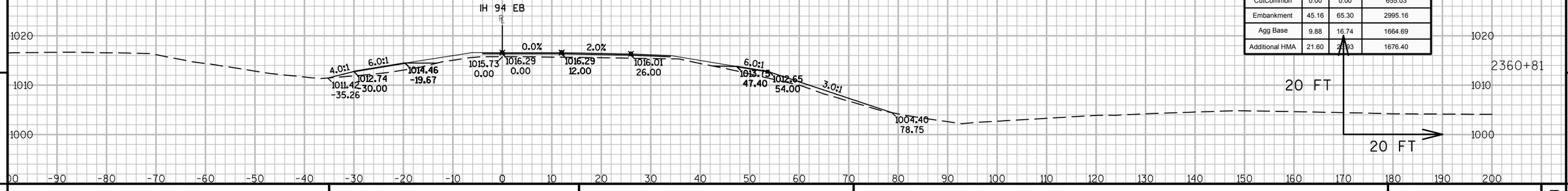
PLOT DATE : 10/20/2014 10:59 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2361+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	75.69	111.27	3138.71
Agg Base	19.36	35.78	1710.97
Additional HMA	20.52	39.06	1731.04



Material(s) at Station 2361+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	44.48	32.28	3027.44
Agg Base	19.28	10.50	1675.19
Additional HMA	21.67	15.58	1691.98



Material(s) at Station 2360+80.56			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	45.16	65.30	2995.16
Agg Base	9.88	16.74	1664.69
Additional HMA	21.60	23.93	1676.40

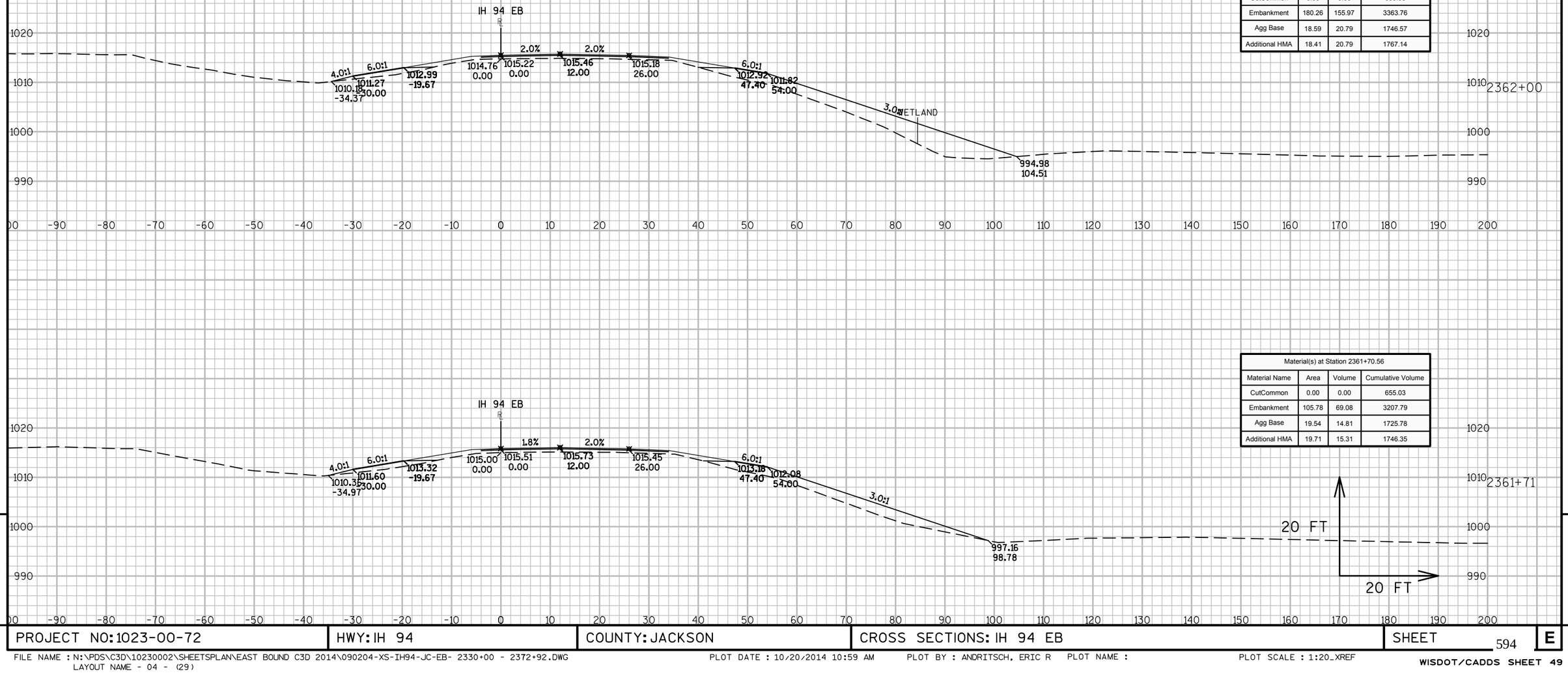
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 593	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (28)

PLOT DATE : 10/20/2014 10:59 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2362+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	180.26	155.97	3363.76
Agg Base	18.59	20.79	1746.57
Additional HMA	18.41	20.79	1767.14

Material(s) at Station 2361+70.56			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	105.78	69.08	3207.79
Agg Base	19.54	14.81	1725.78
Additional HMA	19.71	15.31	1746.35

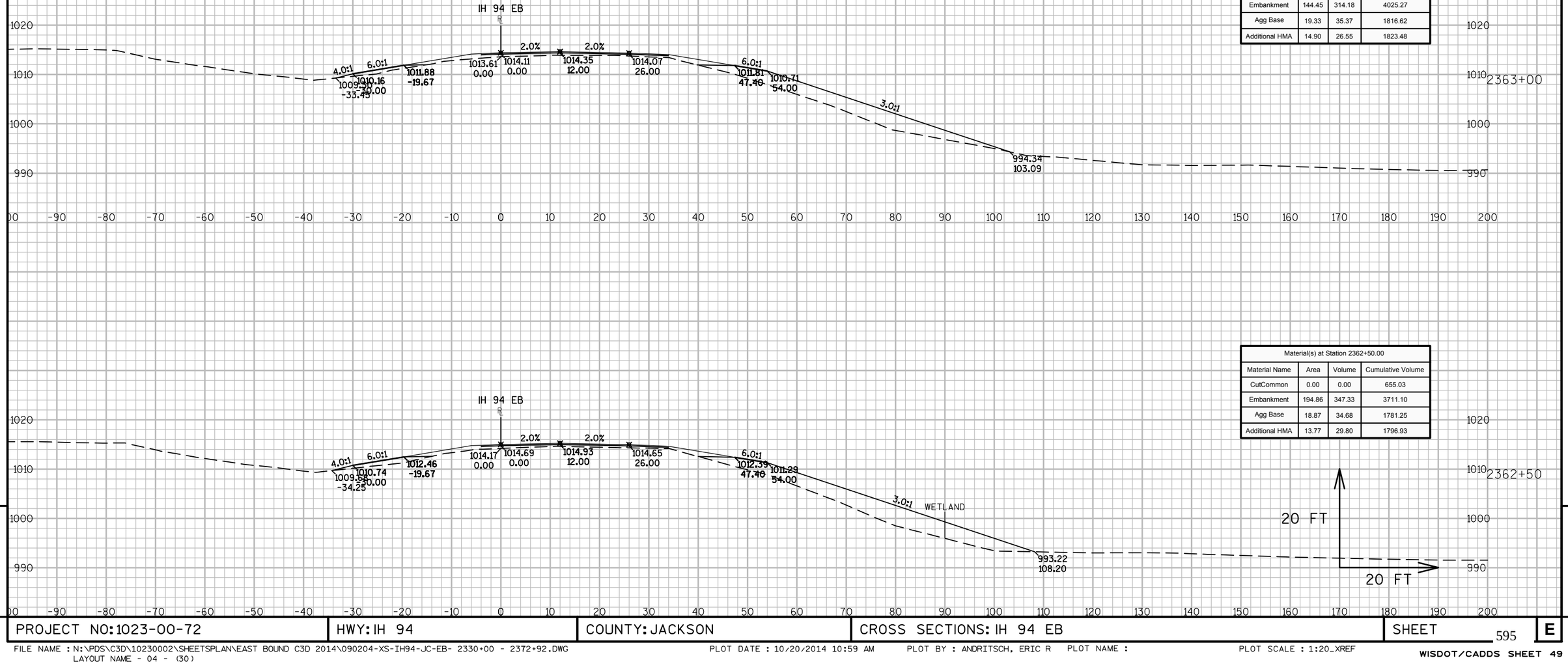
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 594	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (29)

PLOT DATE : 10/20/2014 10:59 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2363+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	144.45	314.18	4025.27
Agg Base	19.33	35.37	1816.62
Additional HMA	14.90	26.55	1823.48

Material(s) at Station 2362+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	194.86	347.33	3711.10
Agg Base	18.87	34.68	1781.25
Additional HMA	13.77	29.80	1796.93

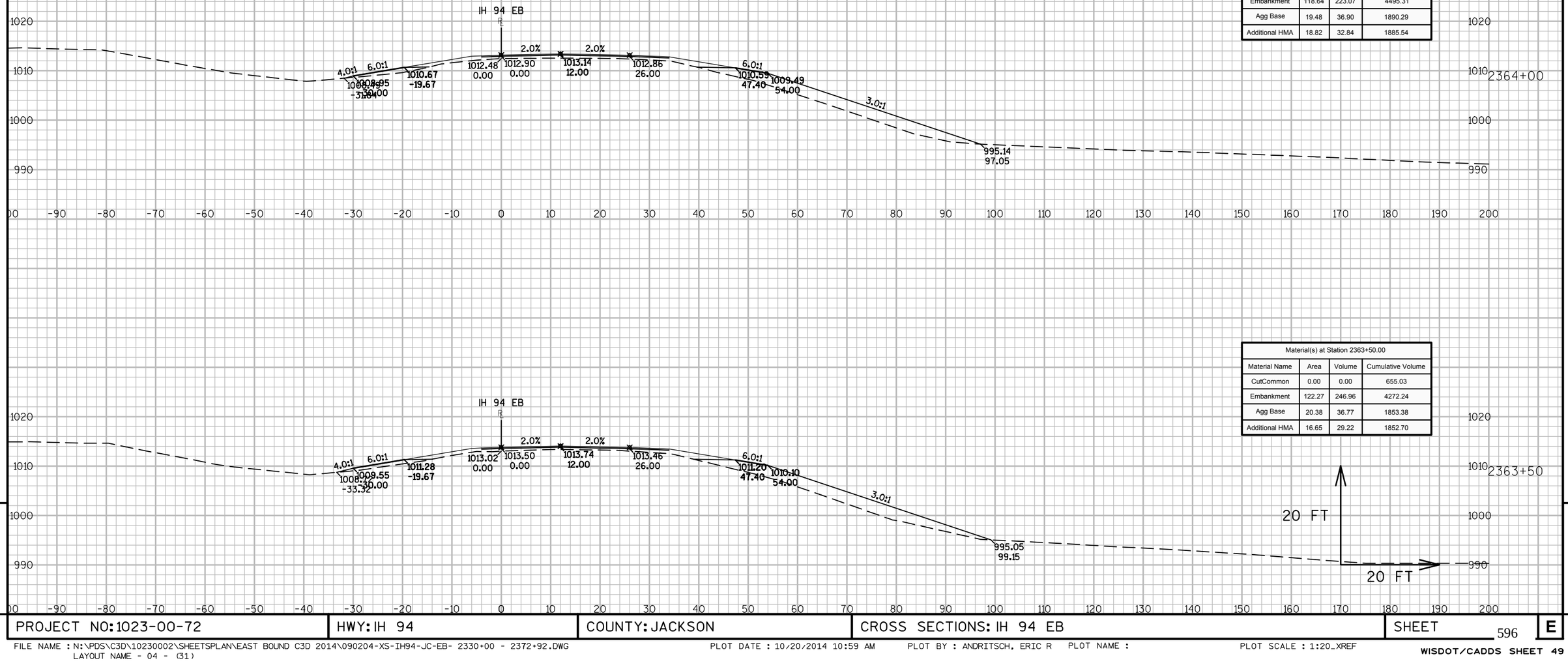
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 595	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (30)

PLOT DATE : 10/20/2014 10:59 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2364+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	118.64	223.07	4495.31
Agg Base	19.48	36.90	1890.29
Additional HMA	18.82	32.84	1885.54

Material(s) at Station 2363+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	122.27	246.96	4272.24
Agg Base	20.38	36.77	1853.38
Additional HMA	16.65	29.22	1852.70

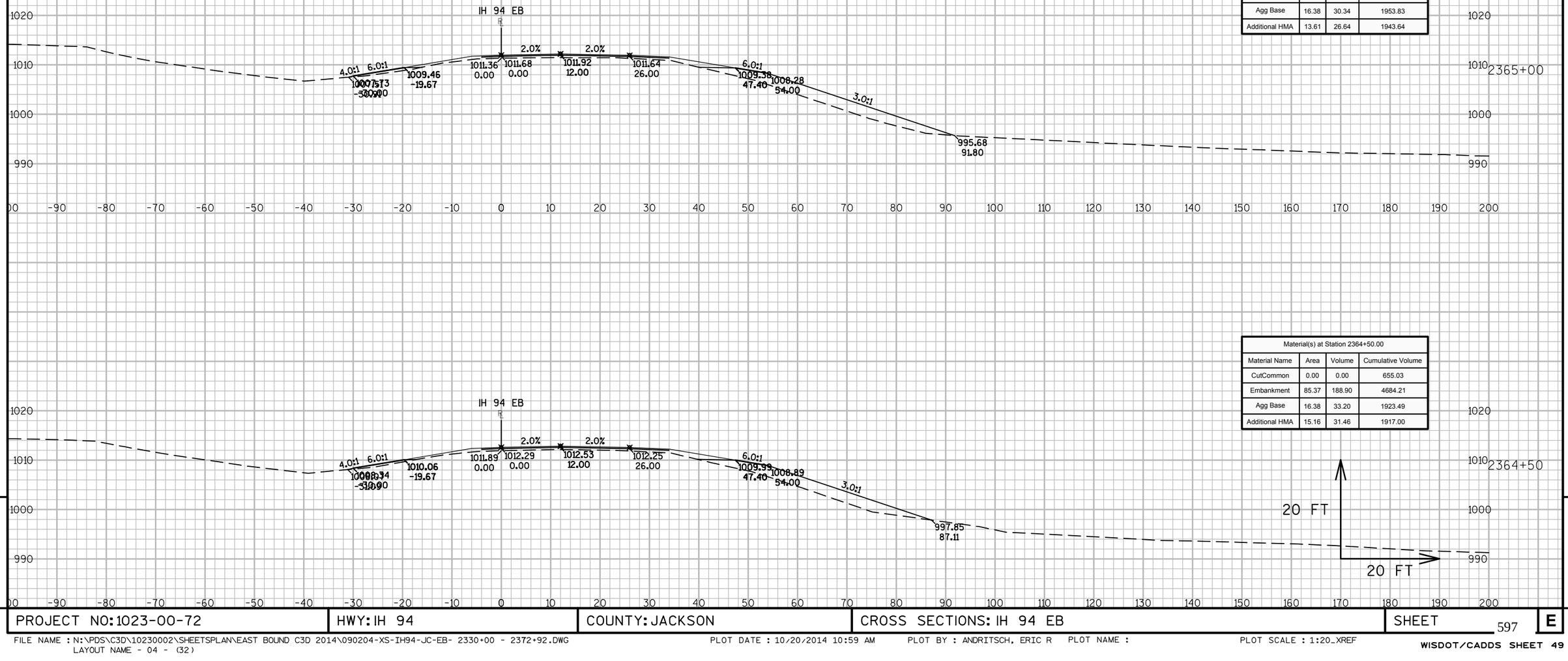
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 596	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (31)

PLOT DATE : 10/20/2014 10:59 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2365+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	97.03	168.88	4853.09
Agg Base	16.38	30.34	1953.83
Additional HMA	13.61	26.64	1943.64

Material(s) at Station 2364+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	85.37	188.90	4684.21
Agg Base	16.38	33.20	1923.49
Additional HMA	15.16	31.46	1917.00

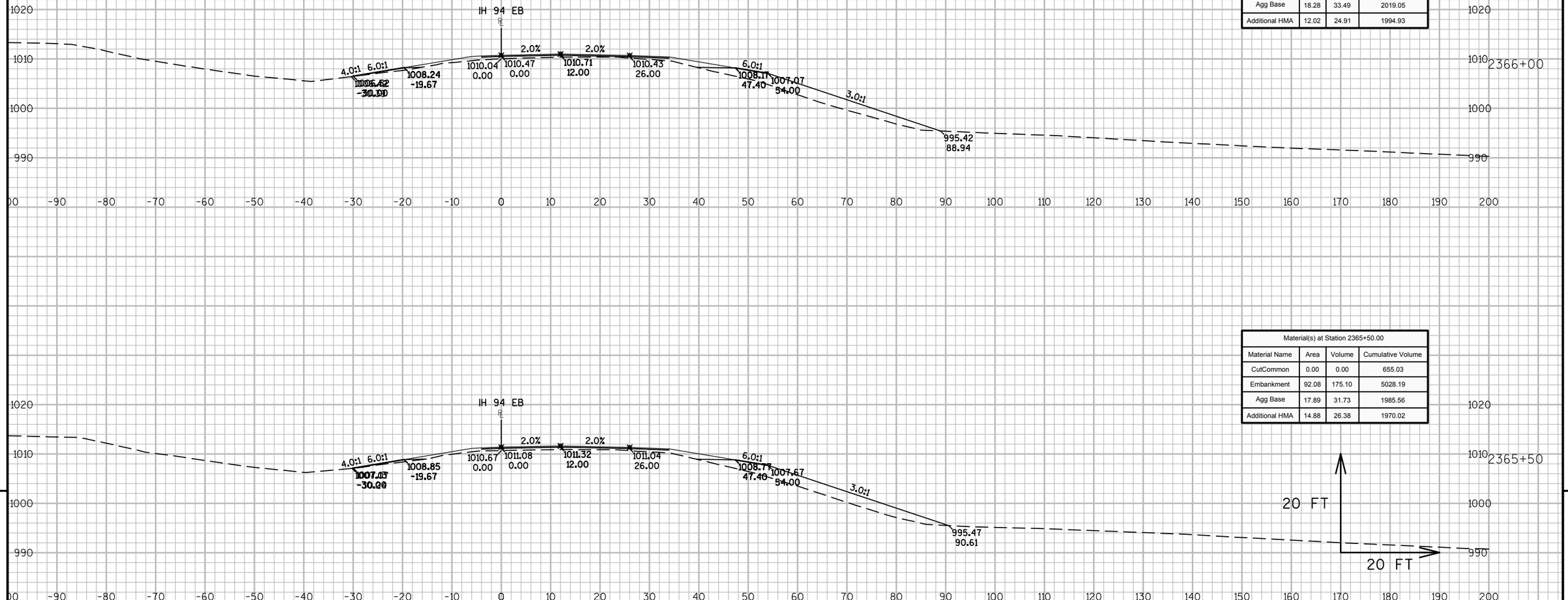
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 597	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (32)

PLOT DATE : 10/20/2014 10:59 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2366+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	86.58	165.43	5193.61
Agg Base	18.28	33.49	2019.05
Additional HMA	12.02	24.91	1994.93

Material(s) at Station 2365+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	92.08	175.10	5028.19
Agg Base	17.89	31.73	1985.56
Additional HMA	14.88	26.38	1970.02

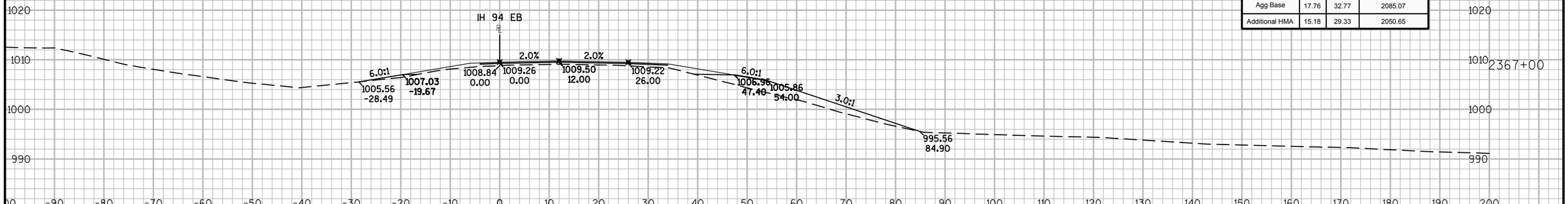
9

9

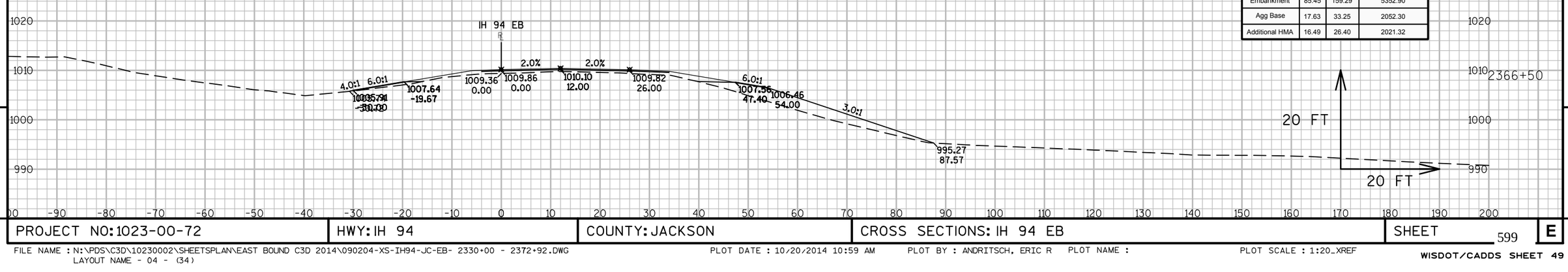
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 598	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (33)
PLOT DATE : 10/20/2014 10:59 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49

Material(s) at Station 2367+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	67.35	141.48	5494.39
Agg Base	17.76	32.77	2085.07
Additional HMA	15.18	29.33	2050.65



Material(s) at Station 2366+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	85.45	159.29	5352.90
Agg Base	17.63	33.25	2052.30
Additional HMA	16.49	26.40	2021.32

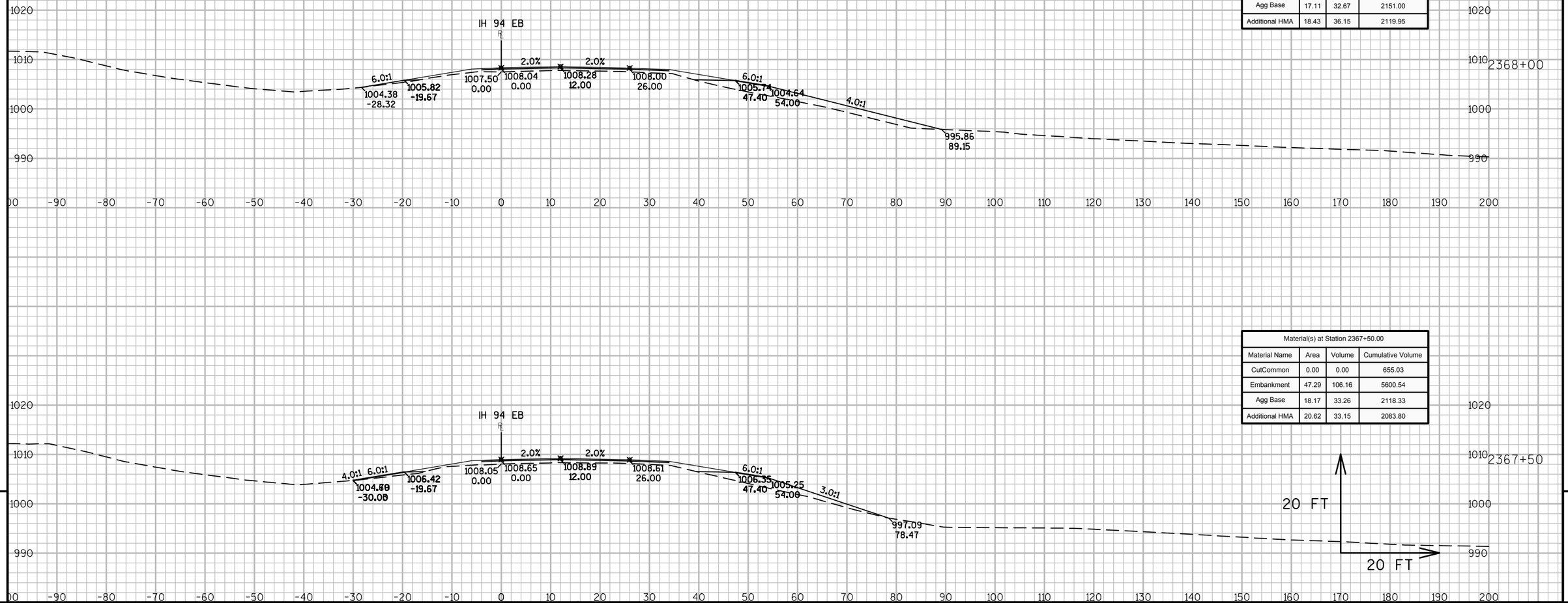


9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 599	E

Material(s) at Station 2368+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	68.27	107.00	5707.54
Agg Base	17.11	32.67	2151.00
Additional HMA	18.43	36.15	2119.95



Material(s) at Station 2367+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	47.29	106.16	5600.54
Agg Base	18.17	33.26	2118.33
Additional HMA	20.62	33.15	2083.80

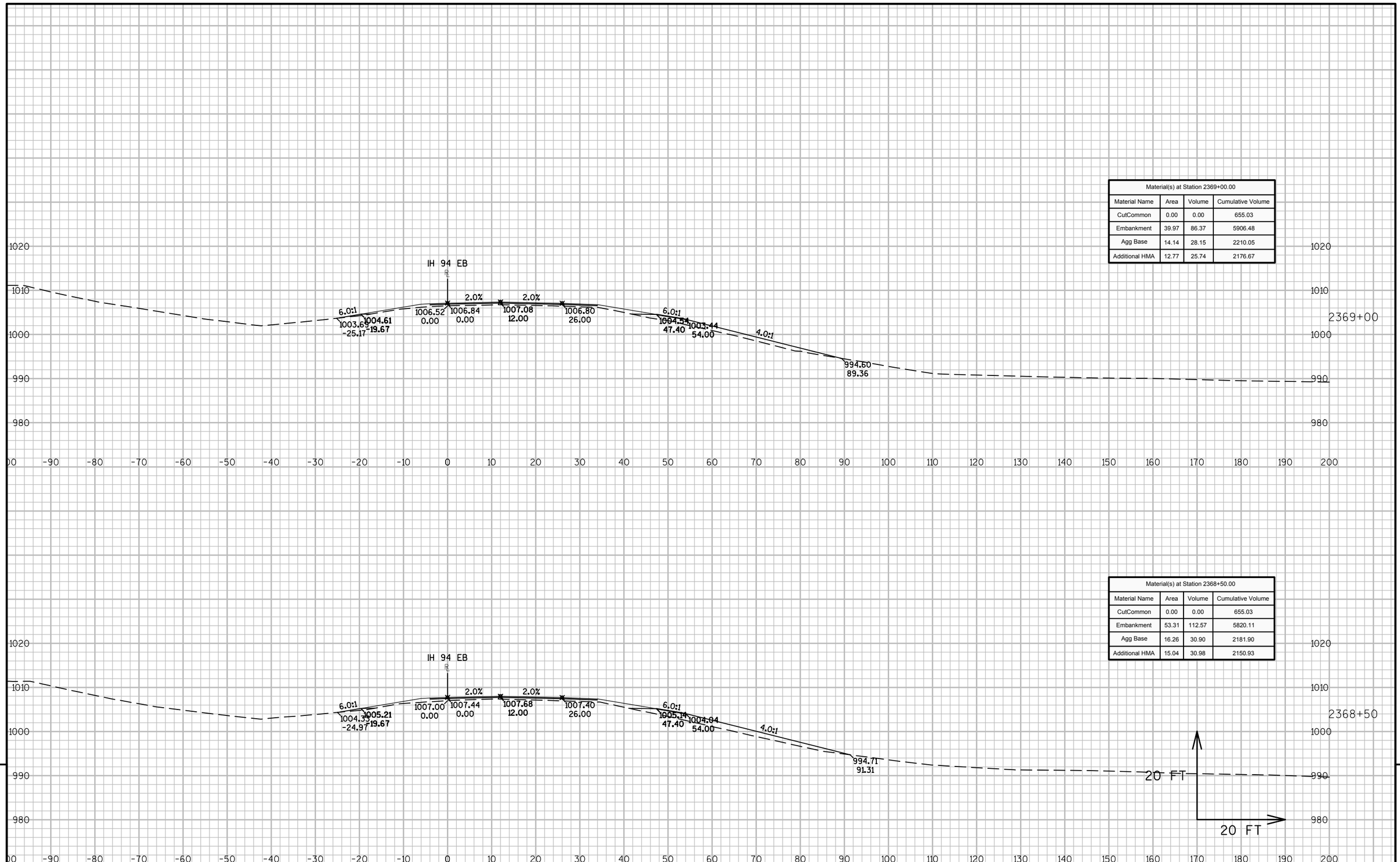
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 600	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (35)

PLOT DATE : 10/20/2014 10:59 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



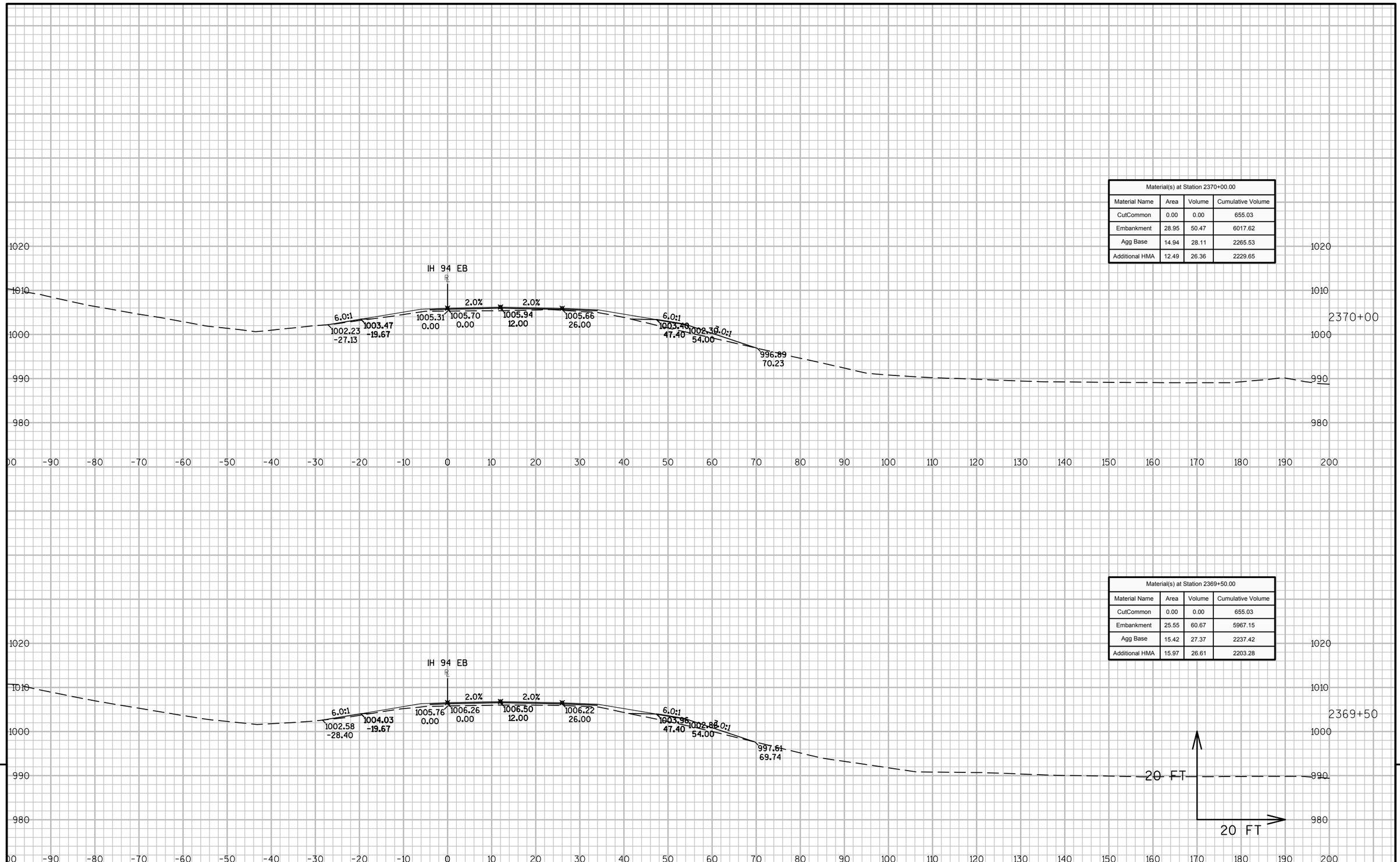
Material(s) at Station 2369+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	39.97	86.37	5906.48
Agg Base	14.14	28.15	2210.05
Additional HMA	12.77	25.74	2176.67

Material(s) at Station 2368+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	53.31	112.57	5820.11
Agg Base	16.26	30.90	2181.90
Additional HMA	15.04	30.98	2150.93

9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 601 E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (36)
PLOT DATE : 10/20/2014 10:59 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



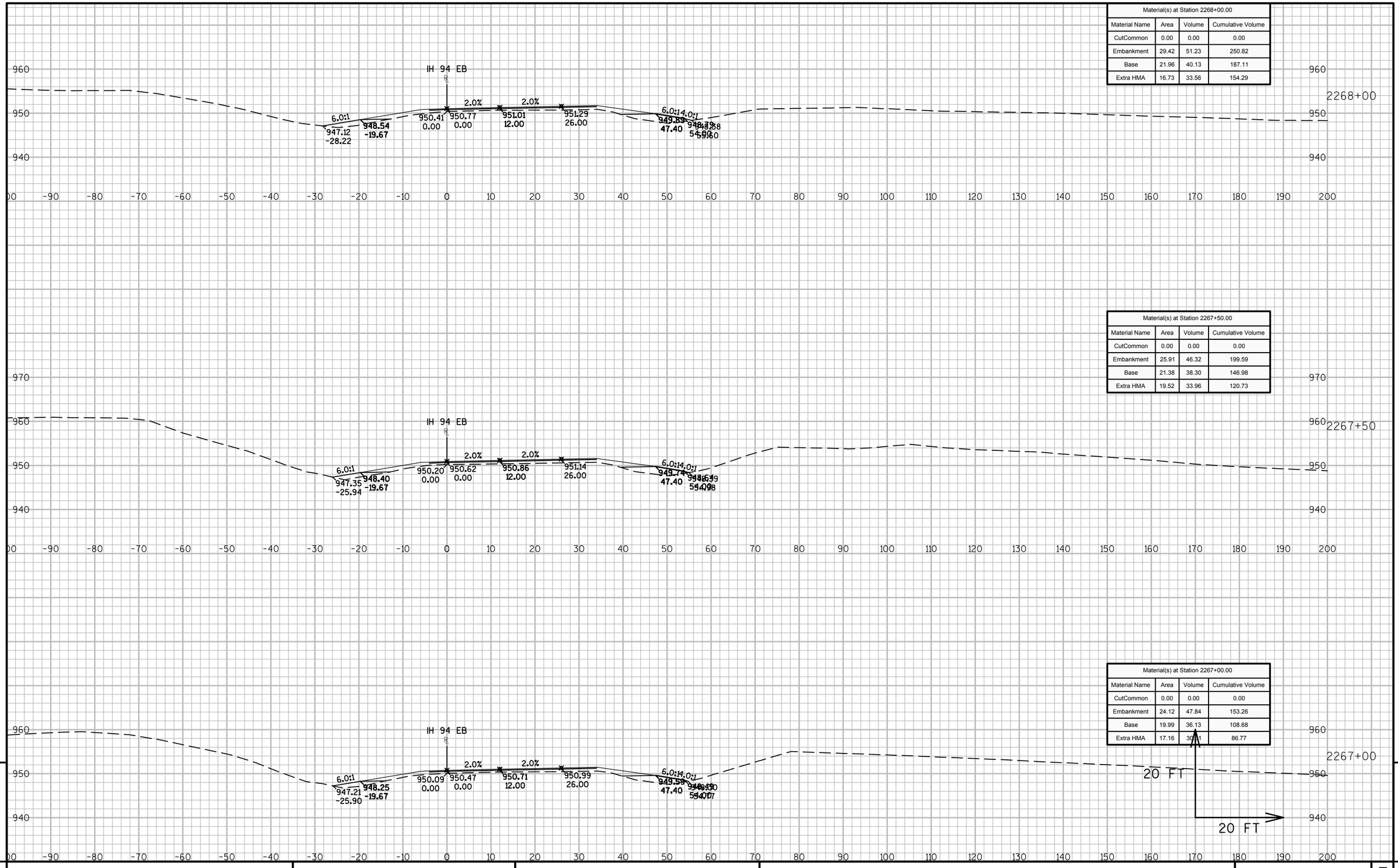
Material(s) at Station 2370+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	28.95	50.47	6017.62
Agg Base	14.94	28.11	2265.53
Additional HMA	12.49	26.36	2229.65

Material(s) at Station 2369+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	655.03
Embankment	25.55	60.67	5967.15
Agg Base	15.42	27.37	2237.42
Additional HMA	15.97	26.61	2203.28

9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 602	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090204-XS-IH94-JC-EB- 2330+00 - 2372+92.DWG
LAYOUT NAME - 04 - (37)
PLOT DATE : 10/20/2014 10:59 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2268+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	29.42	51.23	250.82
Base	21.96	40.13	187.11
Extra HMA	16.73	33.56	154.29

Material(s) at Station 2267+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	25.91	46.32	199.59
Base	21.38	38.30	146.98
Extra HMA	19.52	33.96	120.73

Material(s) at Station 2267+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	24.12	47.84	153.26
Base	19.99	36.13	108.68
Extra HMA	17.16	30.91	86.77

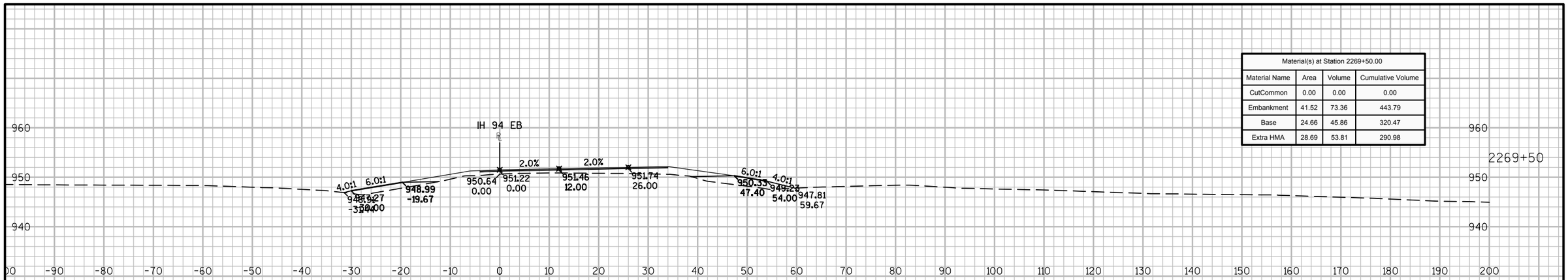
9

9

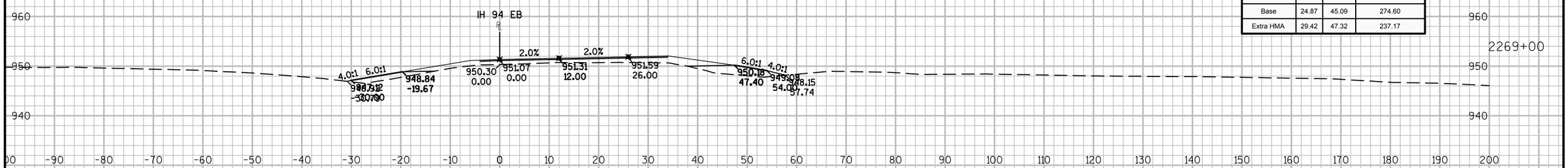
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 603	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (2)

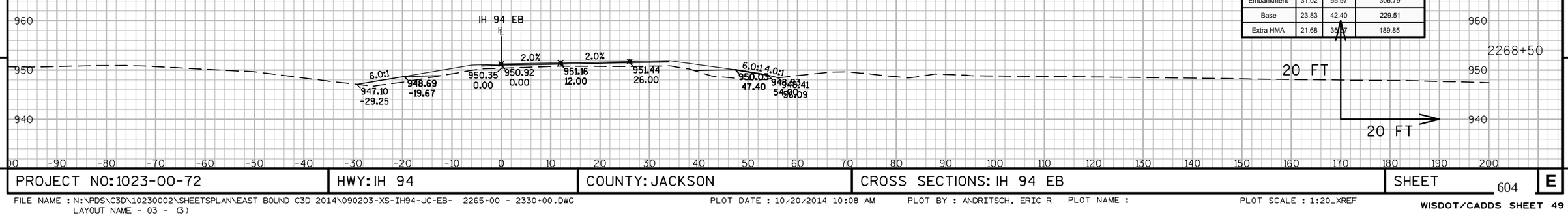
PLOT DATE : 10/20/2014 10:08 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2269+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	41.52	73.36	443.79
Base	24.66	45.86	320.47
Extra HMA	28.69	53.81	290.98



Material(s) at Station 2269+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	37.71	63.64	370.43
Base	24.87	45.09	274.60
Extra HMA	29.42	47.32	237.17

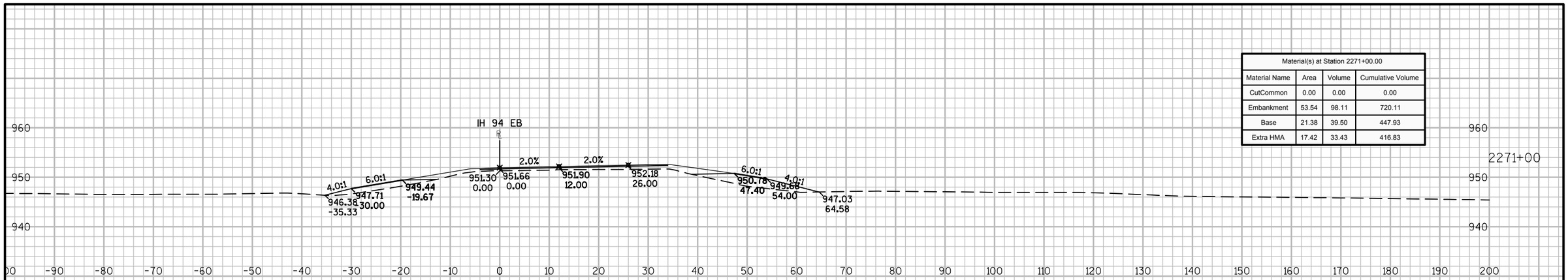


Material(s) at Station 2268+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	31.02	55.97	306.79
Base	23.83	42.40	229.51
Extra HMA	21.68	35.97	189.85

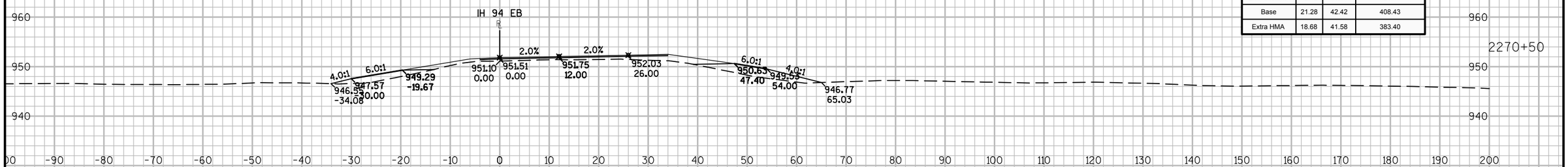
9

9

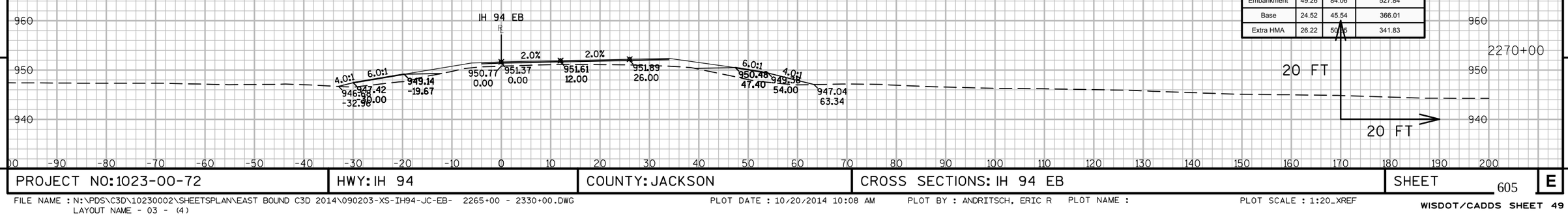
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 604	E



Material(s) at Station 2271+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	53.54	98.11	720.11
Base	21.38	39.50	447.93
Extra HMA	17.42	33.43	416.83



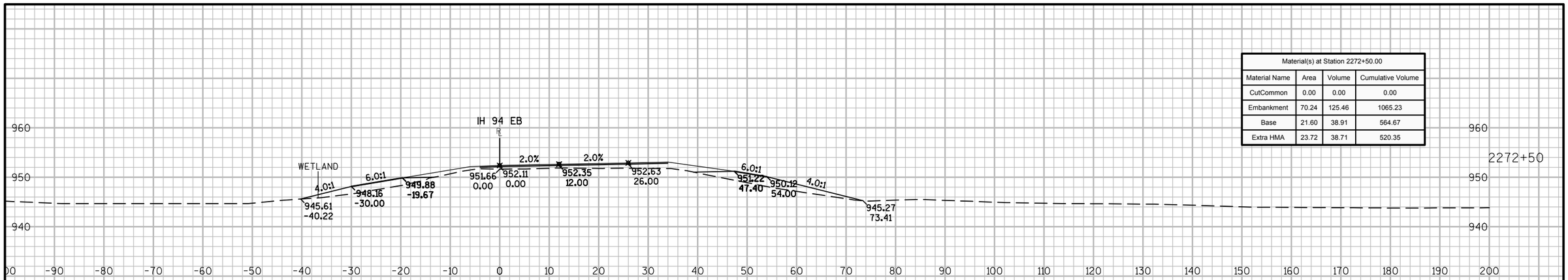
Material(s) at Station 2270+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	52.42	94.15	621.99
Base	21.28	42.42	408.43
Extra HMA	18.68	41.58	383.40



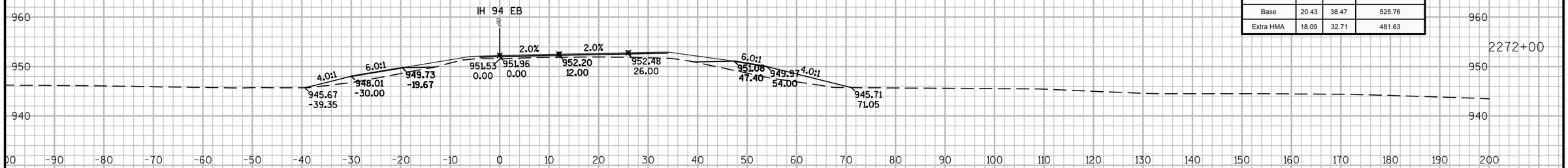
Material(s) at Station 2270+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	49.26	84.06	527.84
Base	24.52	45.54	366.01
Extra HMA	26.22	50.06	341.83

9 9

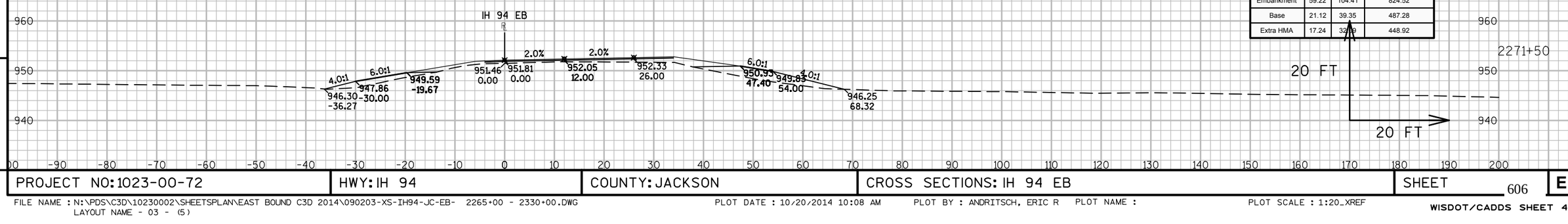
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 605 E



Material(s) at Station 2272+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	70.24	125.46	1065.23
Base	21.60	38.91	564.67
Extra HMA	23.72	38.71	520.35



Material(s) at Station 2272+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	65.25	115.25	939.77
Base	20.43	38.47	525.76
Extra HMA	18.09	32.71	481.63



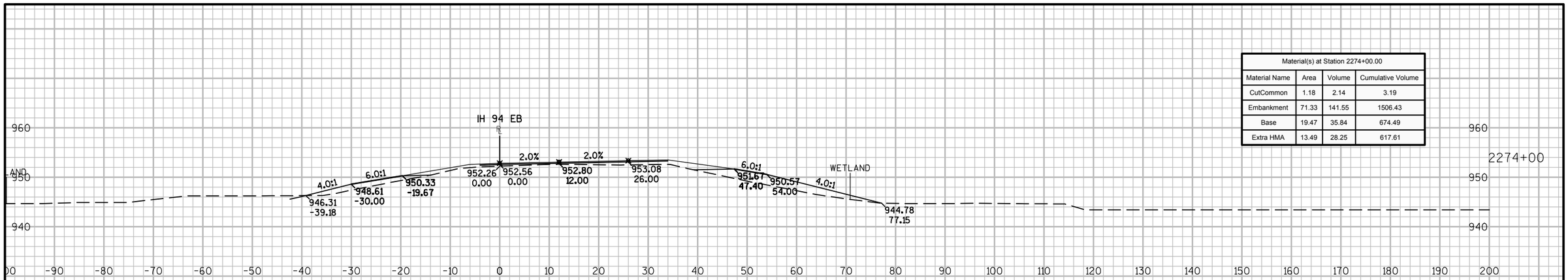
Material(s) at Station 2271+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	59.22	104.41	824.52
Base	21.12	39.35	487.28
Extra HMA	17.24	32.18	448.92

9

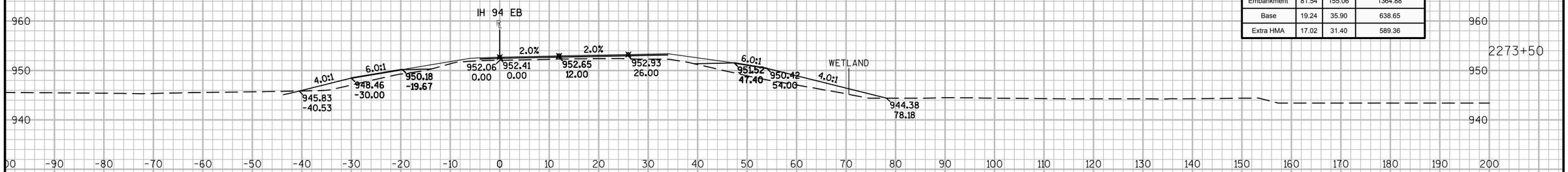
9

PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 606 | E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (5)
PLOT DATE : 10/20/2014 10:08 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2274+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	1.18	2.14	3.19
Embankment	71.33	141.55	1506.43
Base	19.47	35.84	674.49
Extra HMA	13.49	28.25	617.61



Material(s) at Station 2273+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	1.13	1.05	1.05
Embankment	81.54	155.06	1364.88
Base	19.24	35.90	638.65
Extra HMA	17.02	31.40	589.36

Material(s) at Station 2273+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	85.92	144.60	1209.82
Base	19.52	38.08	602.75
Extra HMA	16.90	37.41	557.96

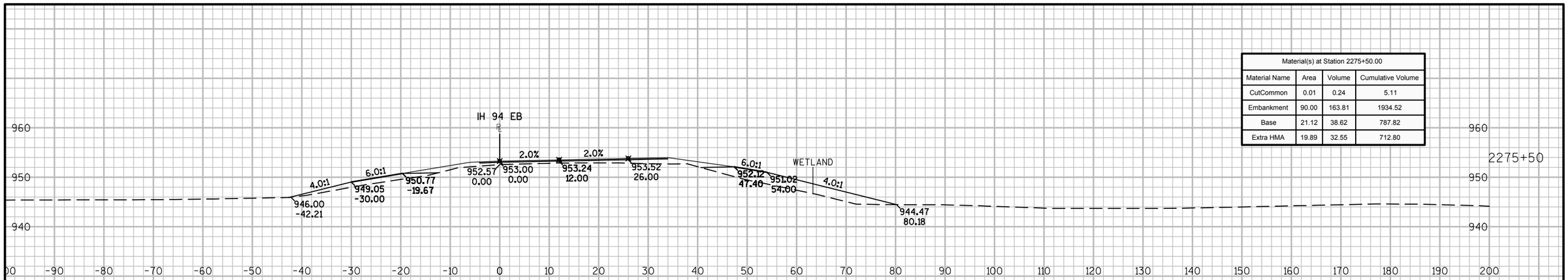
9

9

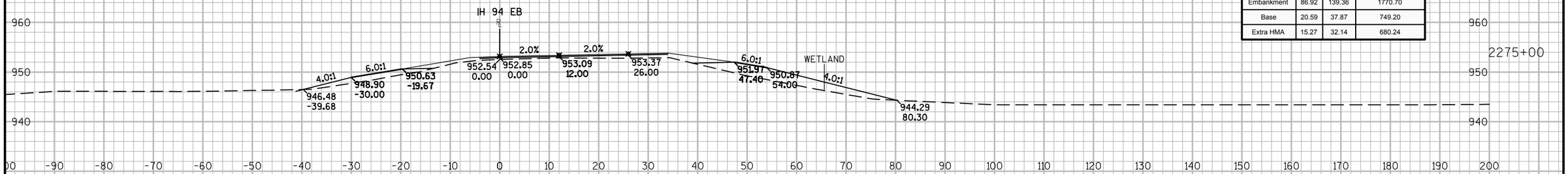
PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 607 | E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (6)

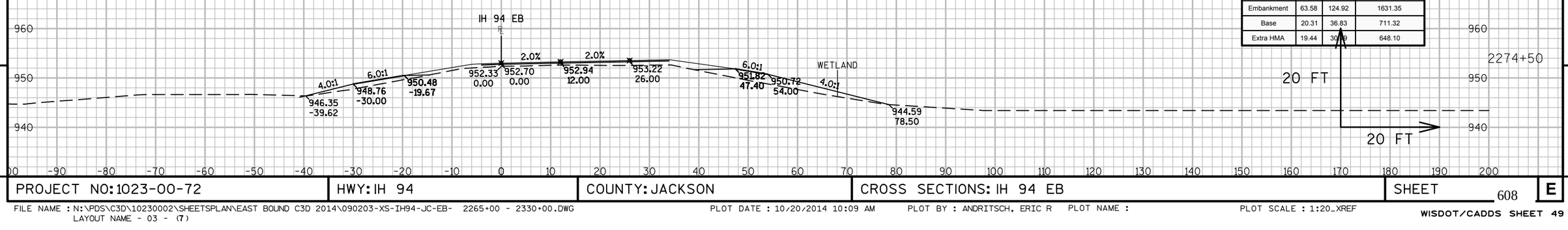
PLOT DATE : 10/20/2014 10:08 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2275+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.01	0.24	5.11
Embankment	90.00	163.81	1934.52
Base	21.12	38.62	787.82
Extra HMA	19.89	32.55	712.80



Material(s) at Station 2275+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.24	0.41	4.87
Embankment	86.92	139.36	1770.70
Base	20.59	37.87	749.20
Extra HMA	15.27	32.14	680.24



Material(s) at Station 2274+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.20	1.28	4.47
Embankment	63.58	124.92	1631.35
Base	20.31	36.83	711.32
Extra HMA	19.44	30.78	648.10

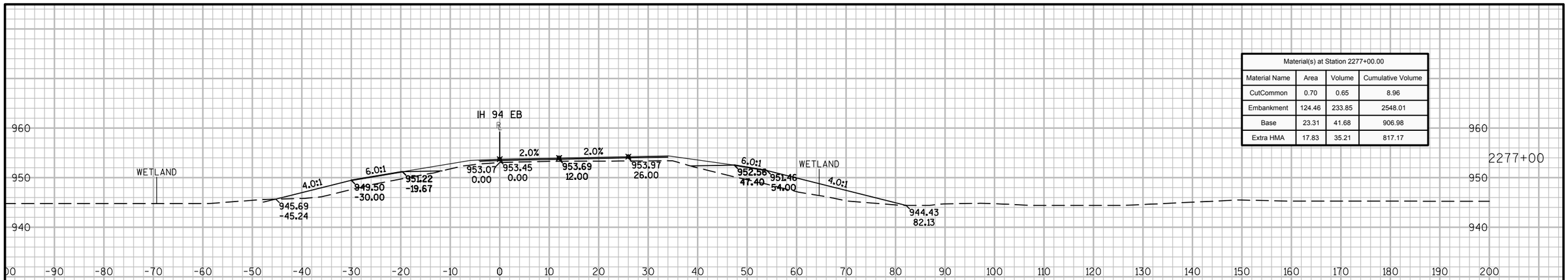
9

9

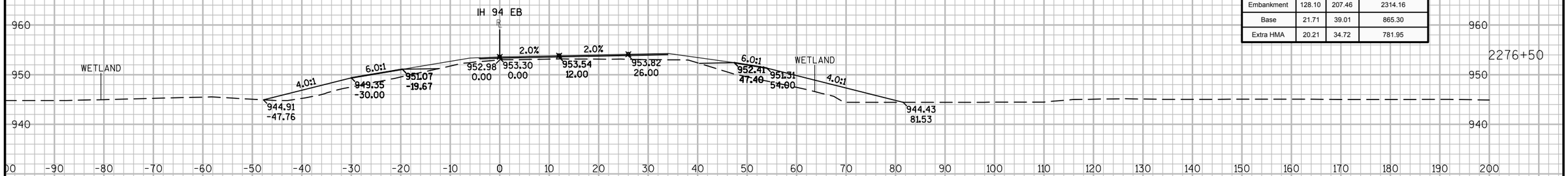
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 608	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (7)

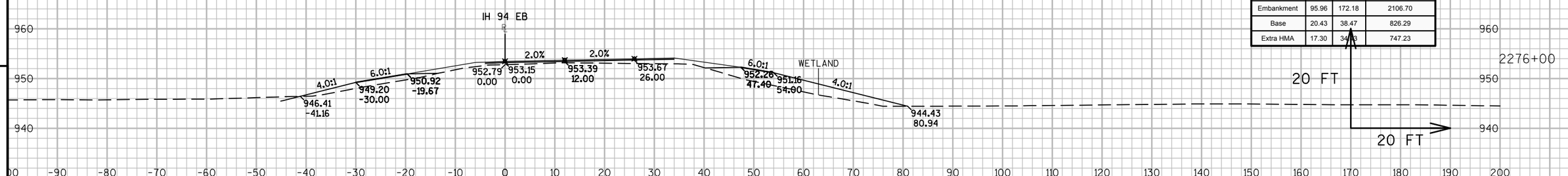
PLOT DATE : 10/20/2014 10:09 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2277+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.70	0.65	8.96
Embankment	124.46	233.85	2548.01
Base	23.31	41.68	906.98
Extra HMA	17.83	35.21	817.17



Material(s) at Station 2276+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	1.59	8.31
Embankment	128.10	207.46	2314.16
Base	21.71	39.01	865.30
Extra HMA	20.21	34.72	781.95

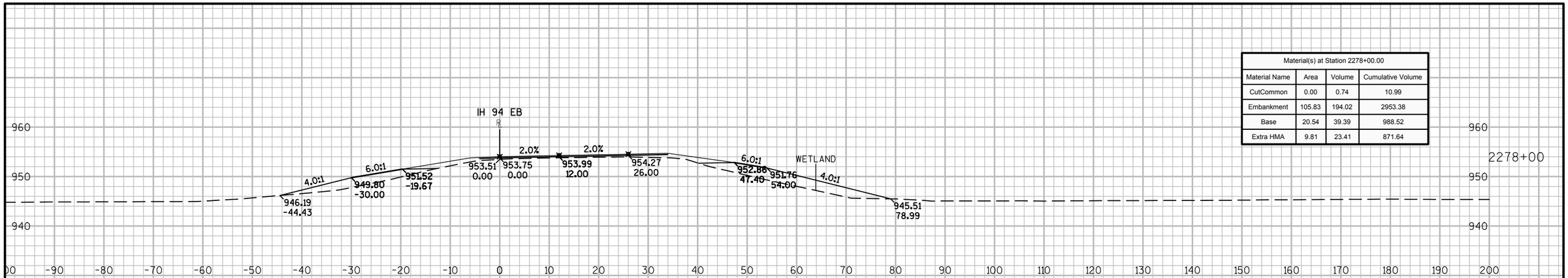


Material(s) at Station 2276+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	1.72	1.61	6.72
Embankment	95.96	172.18	2106.70
Base	20.43	38.47	826.29
Extra HMA	17.30	34.08	747.23

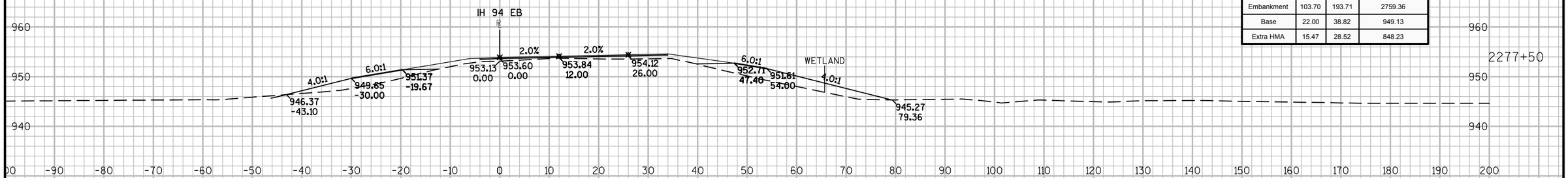
9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 609	E

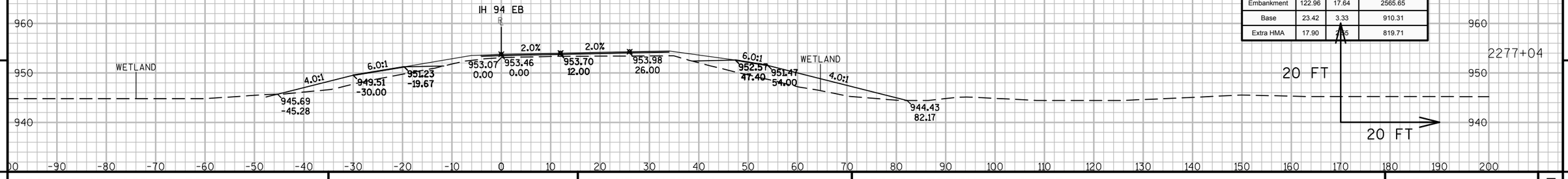
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (8)
PLOT DATE : 10/20/2014 10:09 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2278+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.74	10.99
Embankment	105.83	194.02	2953.38
Base	20.54	39.39	988.52
Extra HMA	9.81	23.41	871.64



Material(s) at Station 2277+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.80	1.20	10.25
Embankment	103.70	193.71	2759.36
Base	22.00	38.82	949.13
Extra HMA	15.47	28.52	848.23



Material(s) at Station 2277+03.85			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.61	0.09	9.05
Embankment	122.96	17.64	2565.65
Base	23.42	3.33	910.31
Extra HMA	17.90	2.55	819.71

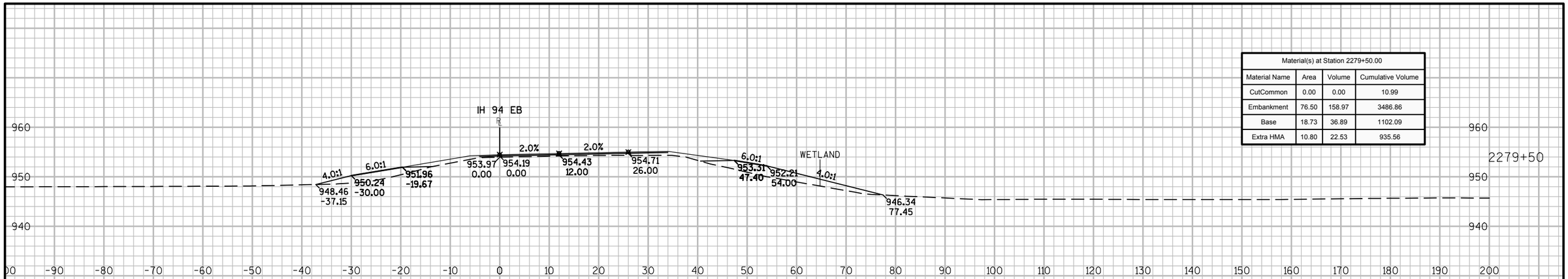
9

9

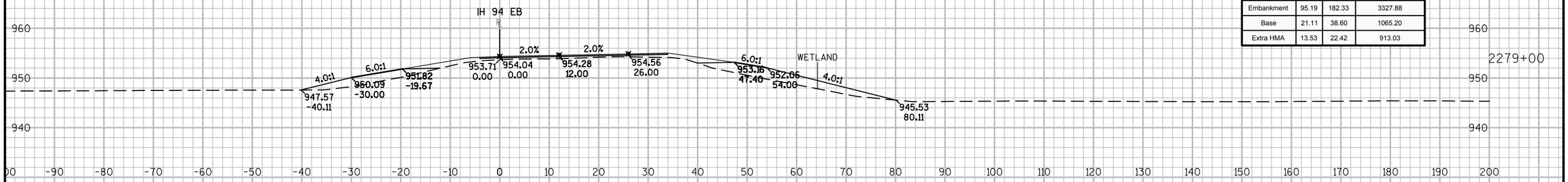
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 610	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (9)

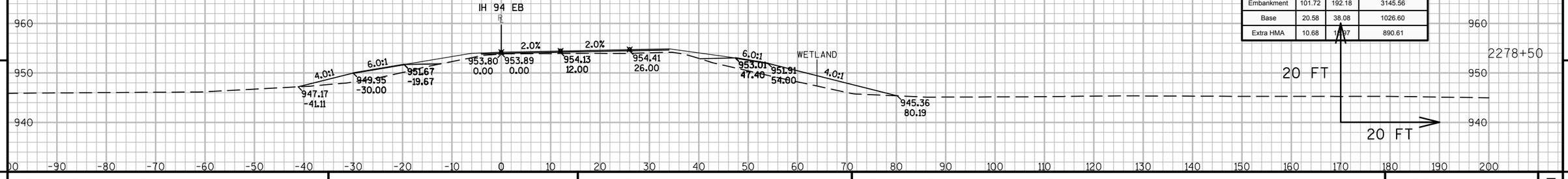
PLOT DATE : 10/20/2014 10:09 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2279+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	76.50	158.97	3486.86
Base	18.73	36.89	1102.09
Extra HMA	10.80	22.53	935.56



Material(s) at Station 2279+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	95.19	182.33	3327.88
Base	21.11	38.60	1065.20
Extra HMA	13.53	22.42	913.03



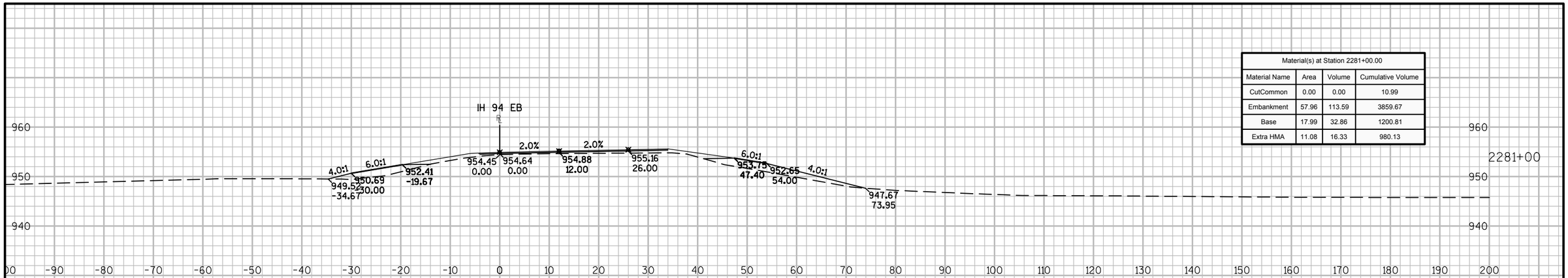
Material(s) at Station 2278+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	101.72	192.18	3145.56
Base	20.58	38.08	1026.60
Extra HMA	10.68	19.97	890.61

9 9

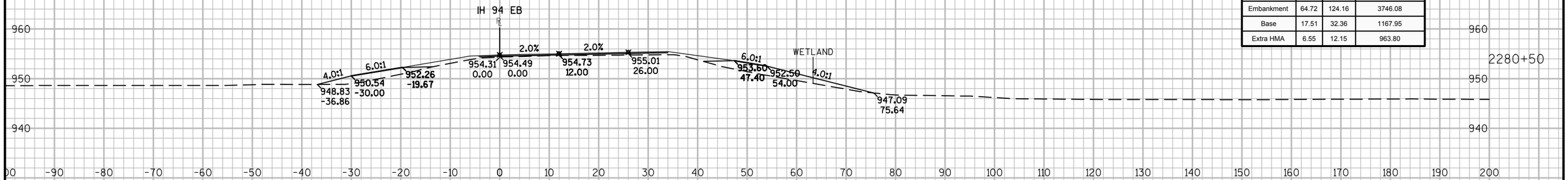
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 611 E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (10)

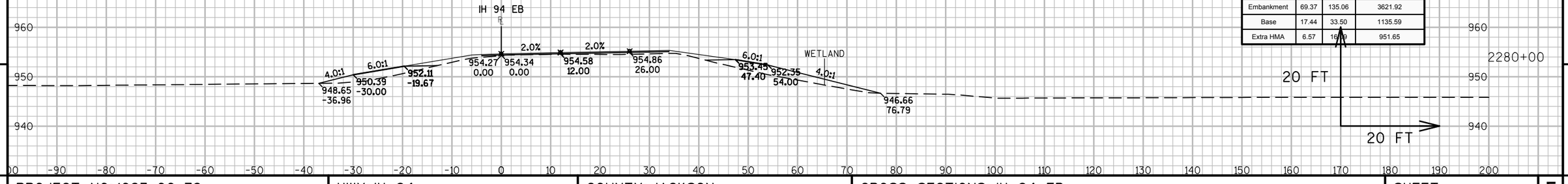
PLOT DATE : 10/20/2014 10:09 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2281+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	57.96	113.59	3859.67
Base	17.99	32.86	1200.81
Extra HMA	11.08	16.33	980.13



Material(s) at Station 2280+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	64.72	124.16	3746.08
Base	17.51	32.36	1167.95
Extra HMA	6.55	12.15	963.80



Material(s) at Station 2280+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	69.37	135.06	3621.92
Base	17.44	33.50	1135.59
Extra HMA	6.57	16.09	951.65

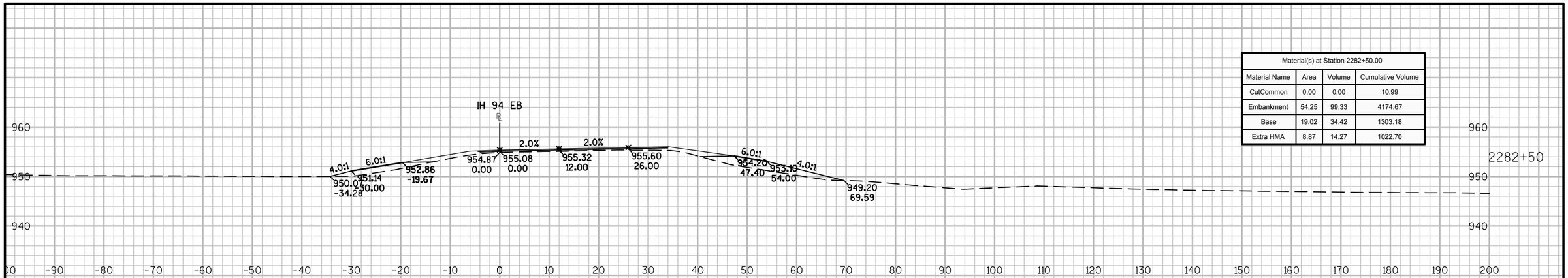
9

9

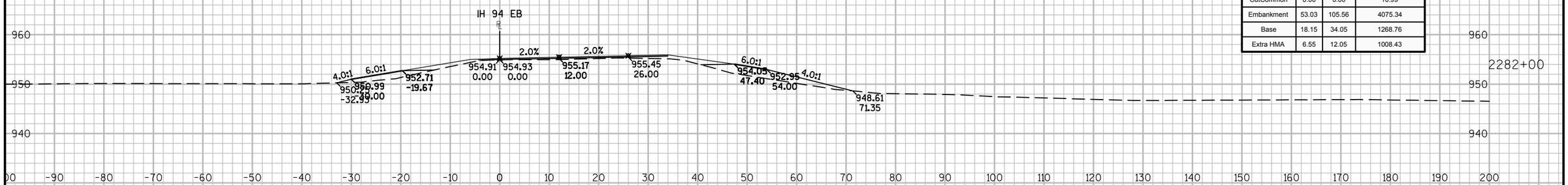
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 612	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (11)

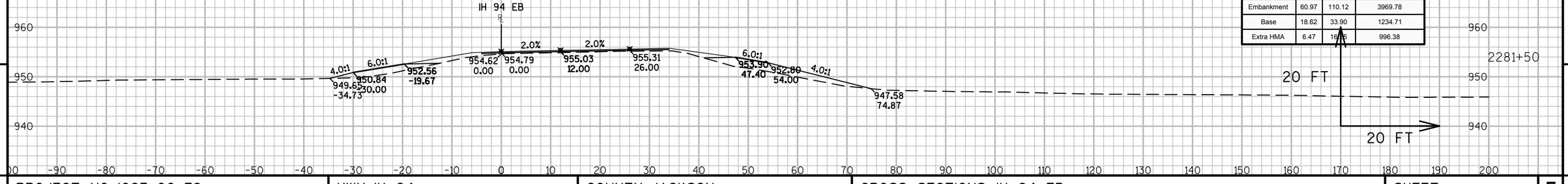
PLOT DATE : 10/20/2014 10:09 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2282+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	54.25	99.33	4174.67
Base	19.02	34.42	1303.18
Extra HMA	8.87	14.27	1022.70



Material(s) at Station 2282+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	53.03	105.56	4075.34
Base	18.15	34.05	1268.76
Extra HMA	6.55	12.05	1008.43



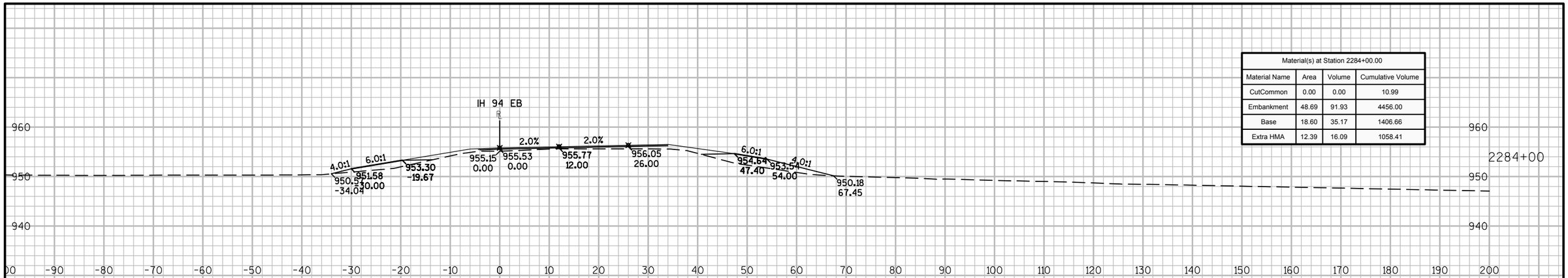
Material(s) at Station 2281+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	60.97	110.12	3969.78
Base	18.62	33.90	1234.71
Extra HMA	6.47	16.06	996.38

9 9

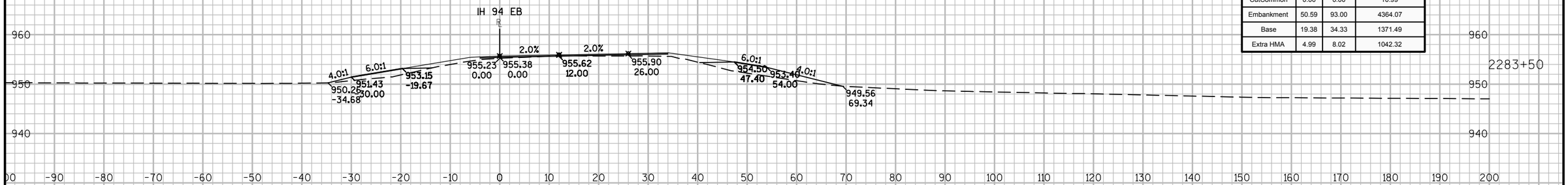
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 613	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (12)

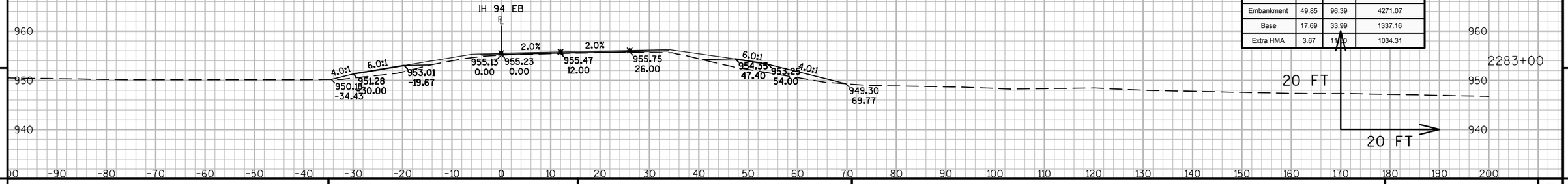
PLOT DATE : 10/20/2014 10:09 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2284+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	48.69	91.93	4456.00
Base	18.60	35.17	1406.66
Extra HMA	12.39	16.09	1058.41



Material(s) at Station 2283+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	50.59	93.00	4364.07
Base	19.38	34.33	1371.49
Extra HMA	4.99	8.02	1042.32



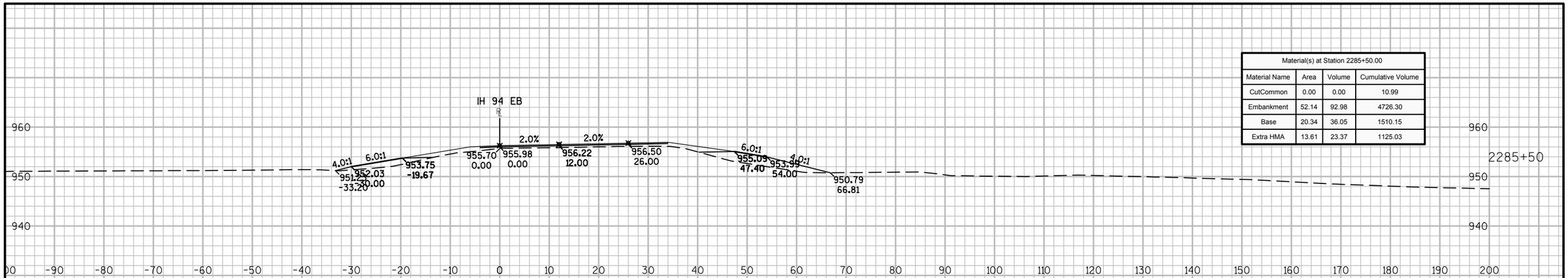
Material(s) at Station 2283+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	49.85	96.39	4271.07
Base	17.69	33.99	1337.16
Extra HMA	3.67	11.00	1034.31

9 9

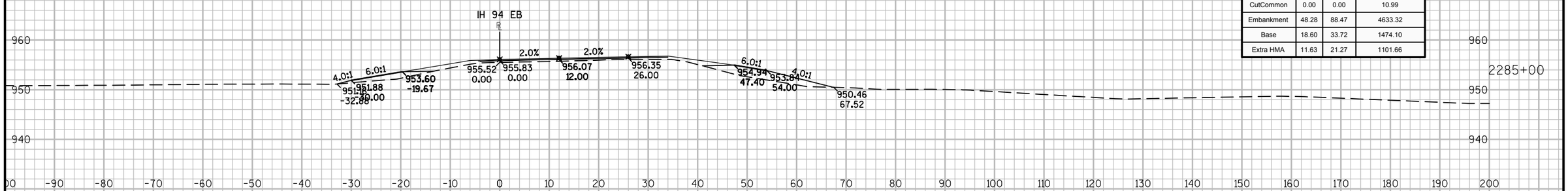
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 614 E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (13)

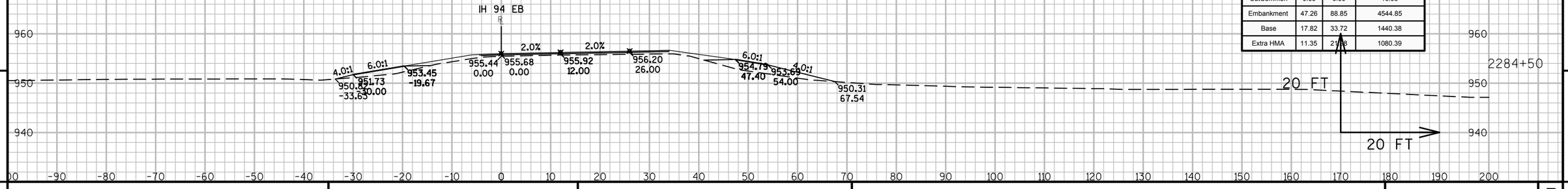
PLOT DATE : 10/20/2014 10:09 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2285+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	52.14	92.98	4726.30
Base	20.34	36.05	1510.15
Extra HMA	13.61	23.37	1125.03



Material(s) at Station 2285+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	48.28	88.47	4633.32
Base	18.60	33.72	1474.10
Extra HMA	11.63	21.27	1101.66



Material(s) at Station 2284+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	47.26	88.85	4544.85
Base	17.82	33.72	1440.38
Extra HMA	11.35	21.38	1080.39

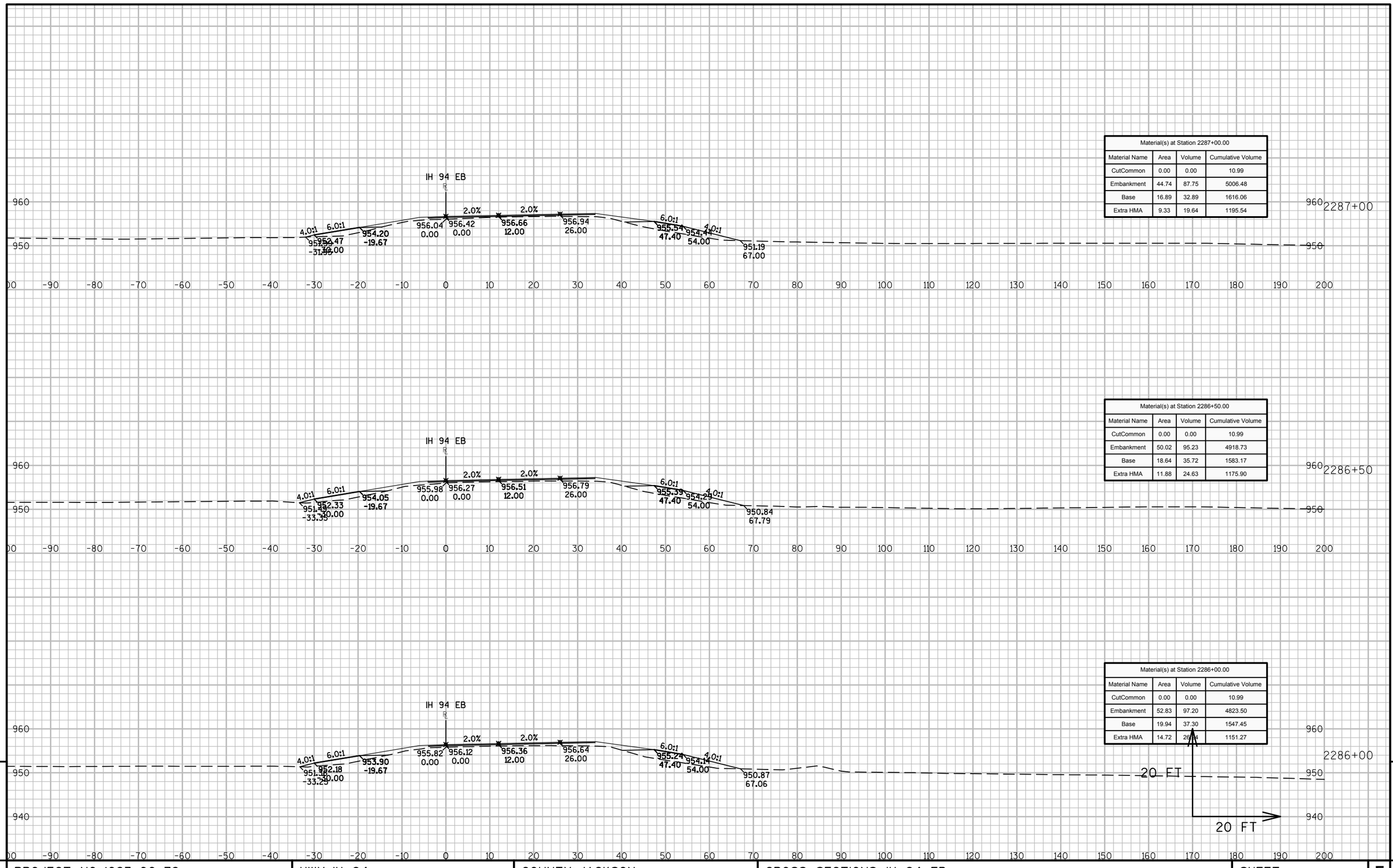
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 615	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (14)

PLOT DATE : 10/20/2014 10:09 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2287+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	44.74	87.75	5006.48
Base	16.89	32.89	1616.06
Extra HMA	9.33	19.64	1195.54

Material(s) at Station 2286+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	50.02	95.23	4918.73
Base	18.64	35.72	1583.17
Extra HMA	11.88	24.63	1175.90

Material(s) at Station 2286+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	52.83	97.20	4823.50
Base	19.94	37.30	1547.45
Extra HMA	14.72	26.84	1151.27

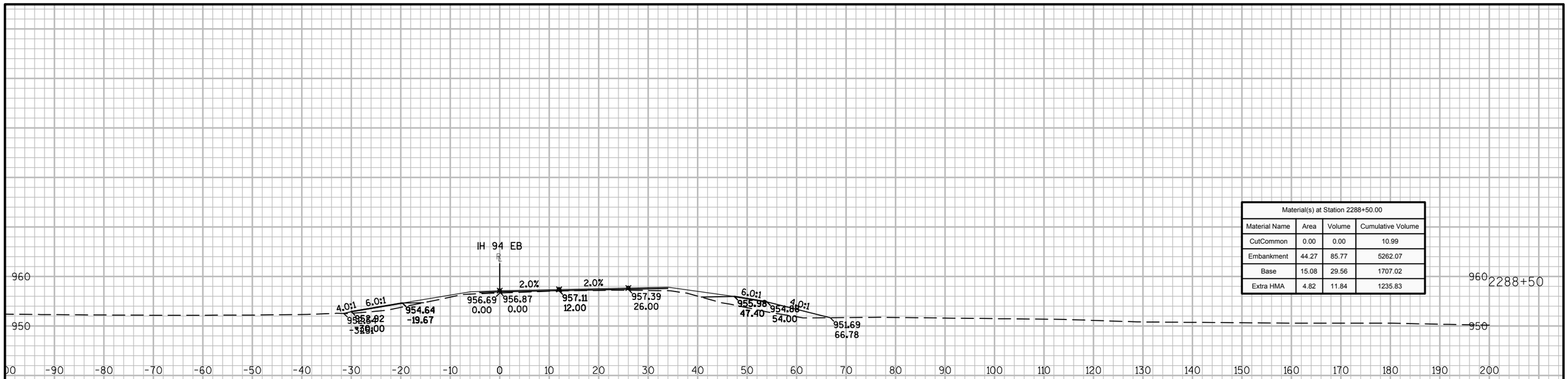
9

9

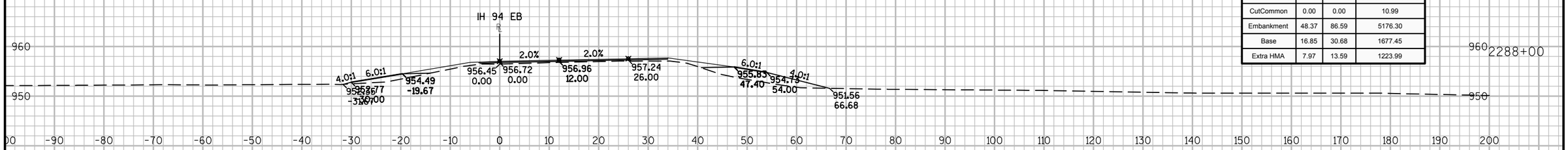
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 616	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (15)

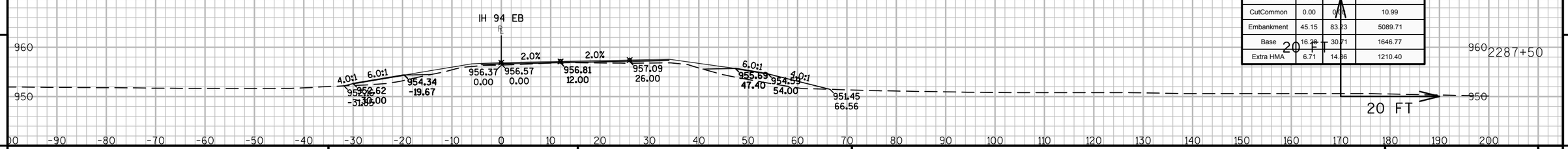
PLOT DATE : 10/20/2014 10:10 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2288+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	44.27	85.77	5262.07
Base	15.08	29.56	1707.02
Extra HMA	4.82	11.84	1235.83



Material(s) at Station 2288+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	48.37	86.59	5176.30
Base	16.85	30.68	1677.45
Extra HMA	7.97	13.59	1223.99

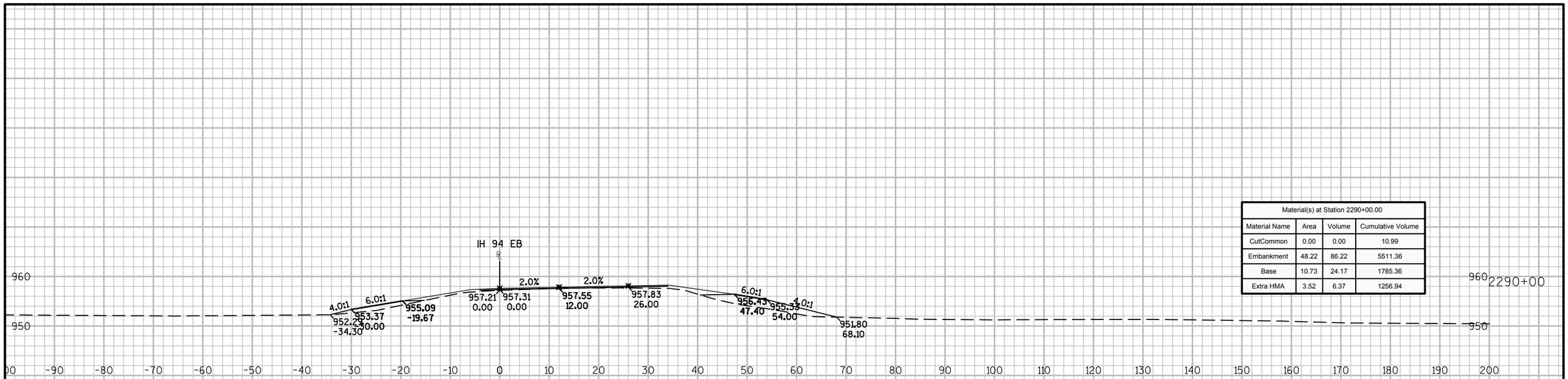


Material(s) at Station 2287+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	45.15	83.23	5089.71
Base	16.28	30.71	1646.77
Extra HMA	6.71	14.36	1210.40

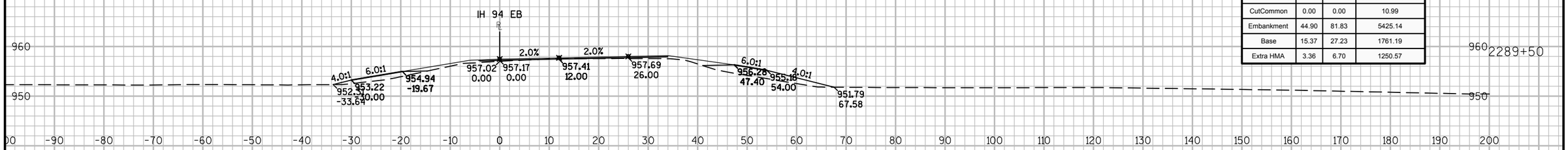
9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 617 E

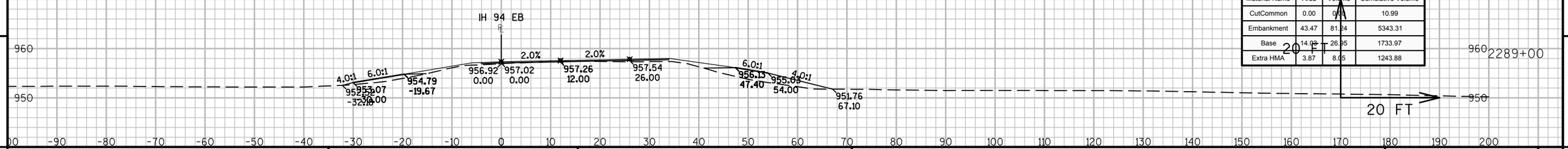
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (16)
PLOT DATE : 10/20/2014 10:10 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2290+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	48.22	86.22	5511.36
Base	10.73	24.17	1785.36
Extra HMA	3.52	6.37	1256.94



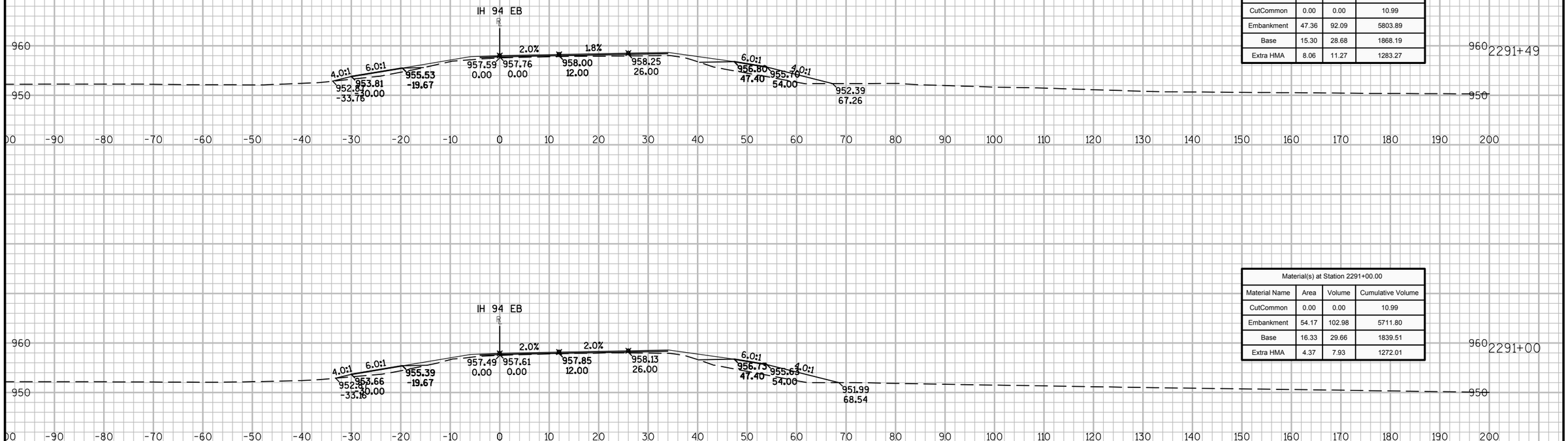
Material(s) at Station 2289+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	44.90	81.83	5425.14
Base	15.37	27.23	1761.19
Extra HMA	3.36	6.70	1250.57



Material(s) at Station 2289+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	43.47	81.24	5343.31
Base	14.03	26.95	1733.97
Extra HMA	3.87	8.05	1243.88

9 9

PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 618 E



Material(s) at Station 2291+48.98			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	47.36	92.09	5803.89
Base	15.30	28.68	1868.19
Extra HMA	8.06	11.27	1283.27

Material(s) at Station 2291+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	54.17	102.98	5711.80
Base	16.33	29.66	1839.51
Extra HMA	4.37	7.93	1272.01

Material(s) at Station 2290+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	57.04	97.47	5608.82
Base	15.74	24.48	1809.85
Extra HMA	4.19	7.14	1264.08

9

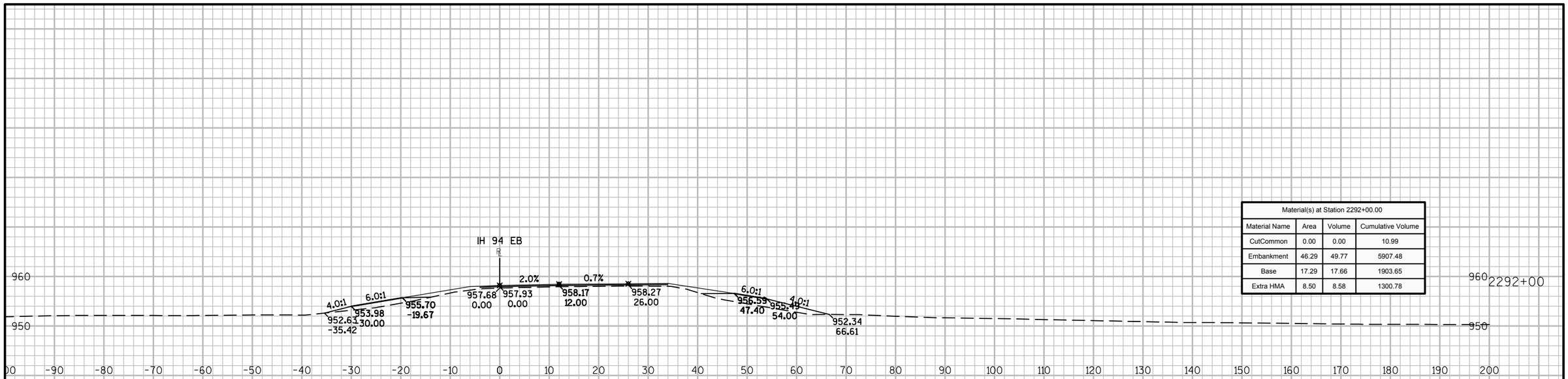
9

PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 619 | E

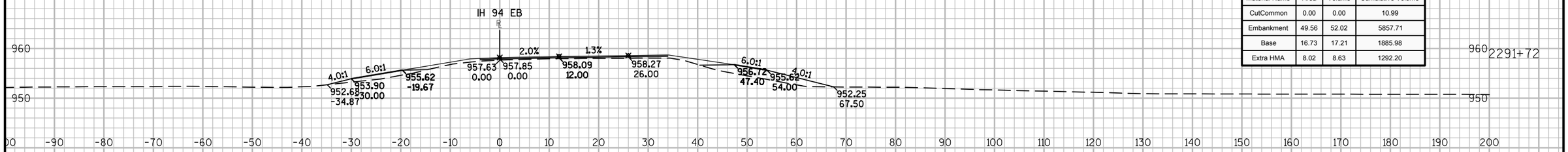
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (18)

PLOT DATE : 10/20/2014 10:10 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

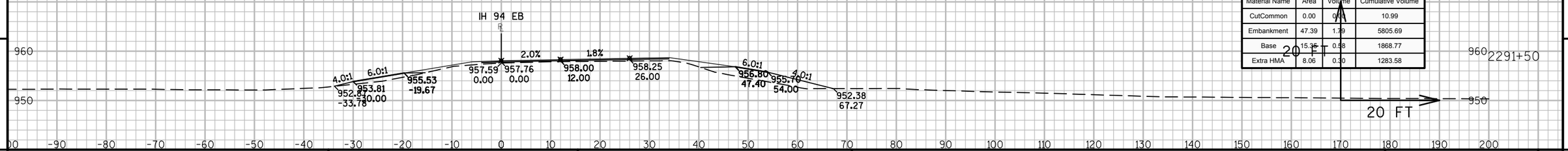
WISDOT/CADDS SHEET 49



Material(s) at Station 2292+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	46.29	49.77	5907.48
Base	17.29	17.66	1903.65
Extra HMA	8.50	8.58	1300.78



Material(s) at Station 2291+71.96			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	49.56	52.02	5857.71
Base	16.73	17.21	1885.98
Extra HMA	8.02	8.63	1292.20



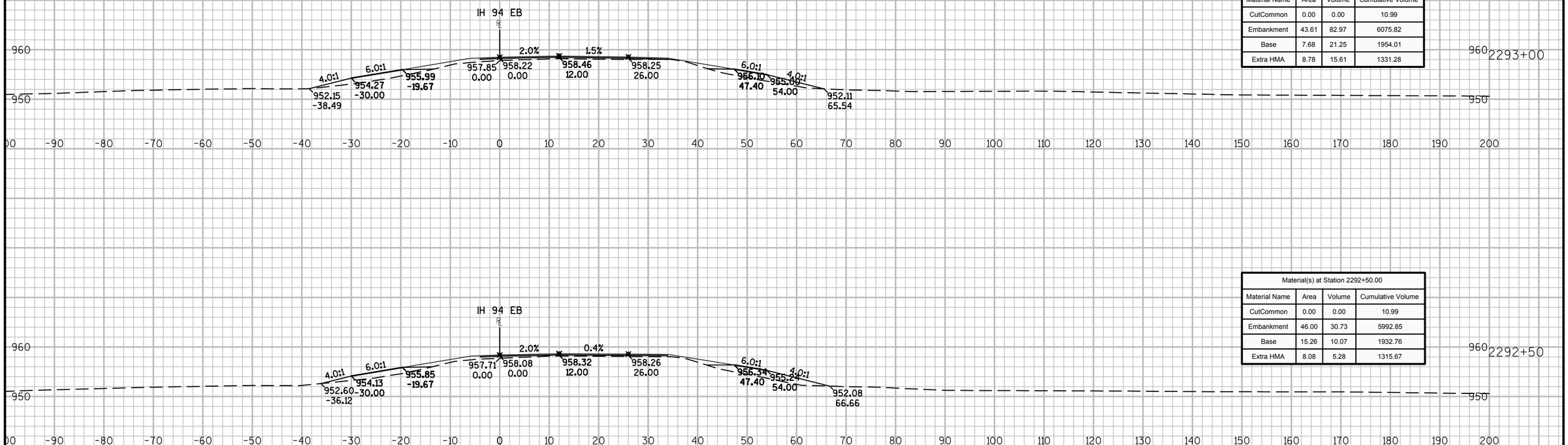
Material(s) at Station 2291+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	47.39	1.79	5805.69
Base	15.36	0.58	1868.77
Extra HMA	8.06	0.30	1283.58

9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 620	E

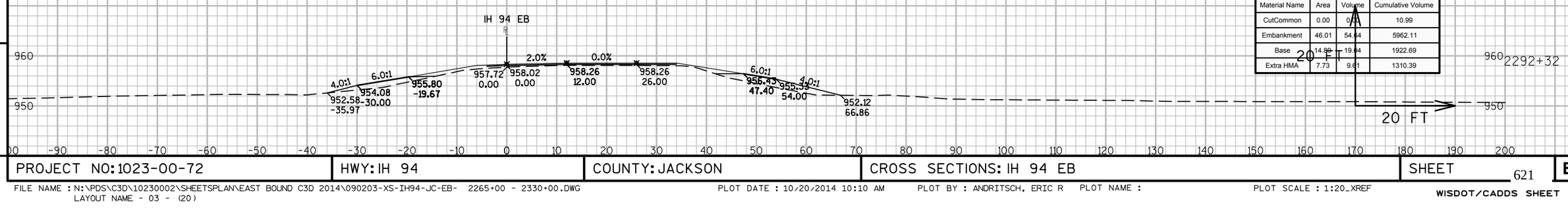
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (19)

PLOT DATE : 10/20/2014 10:10 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2293+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	43.61	82.97	6075.82
Base	7.68	21.25	1954.01
Extra HMA	8.78	15.61	1331.28

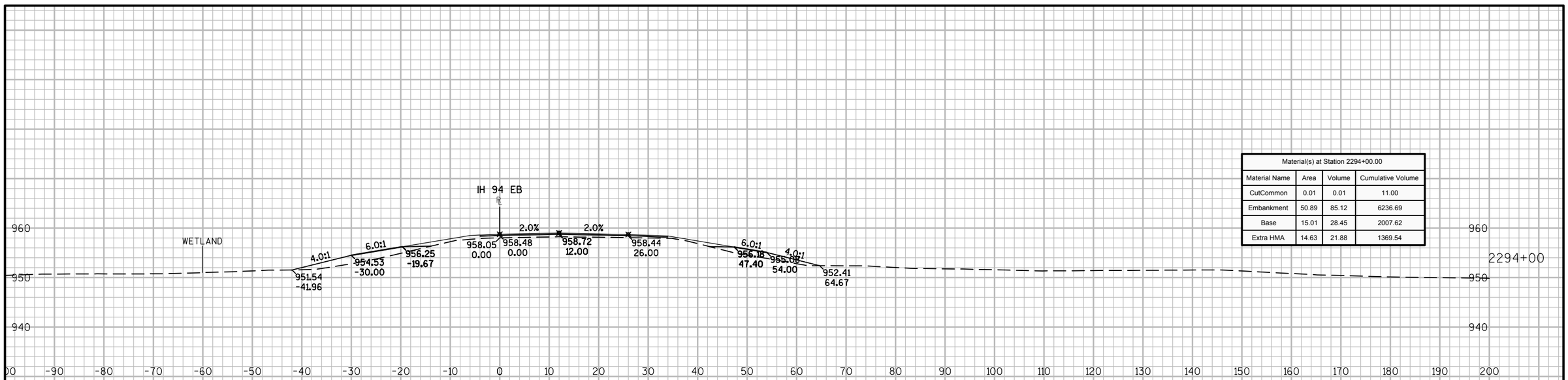
Material(s) at Station 2292+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	46.00	30.73	5992.85
Base	15.26	10.07	1932.76
Extra HMA	8.08	5.28	1315.67



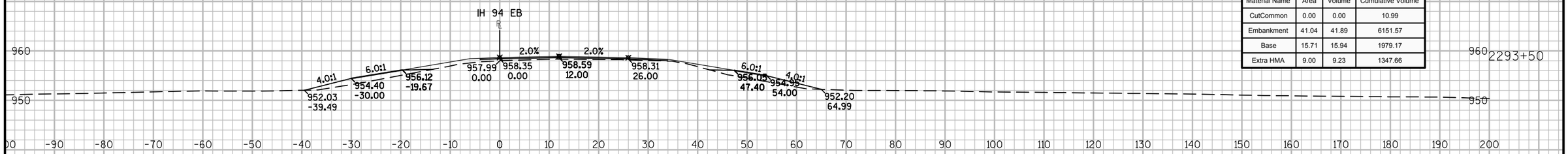
Material(s) at Station 2292+31.96			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	46.01	54.64	5962.11
Base	14.80	19.04	1922.69
Extra HMA	7.73	9.61	1310.39

9 9

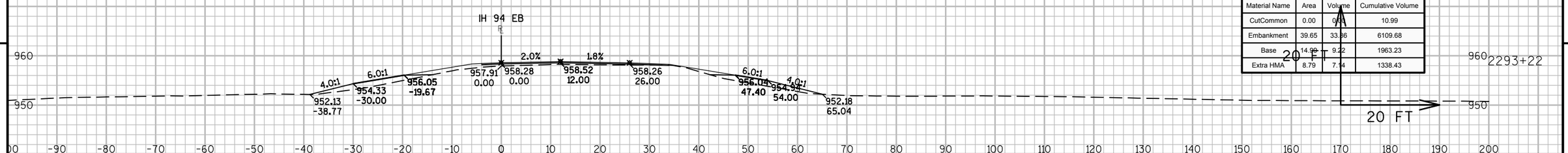
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 621	E



Material(s) at Station 2294+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.01	0.01	11.00
Embankment	50.89	85.12	6236.69
Base	15.01	28.45	2007.62
Extra HMA	14.63	21.88	1369.54



Material(s) at Station 2293+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	41.04	41.89	6151.57
Base	15.71	15.94	1979.17
Extra HMA	9.00	9.23	1347.66



Material(s) at Station 2293+21.96			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	10.99
Embankment	39.65	33.86	6109.68
Base	14.90	9.22	1963.23
Extra HMA	8.79	7.14	1338.43

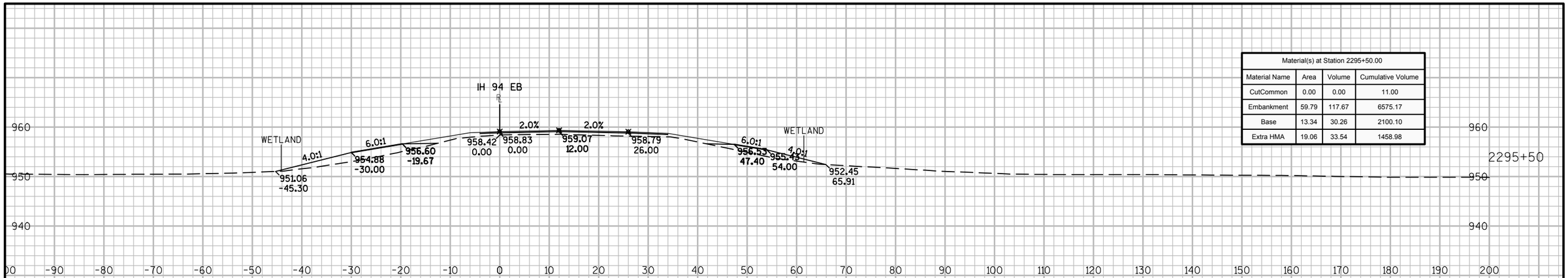
9

9

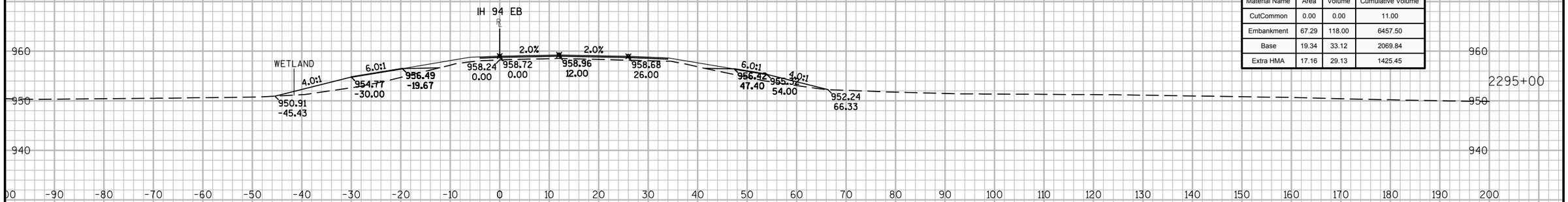
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 622	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (21)

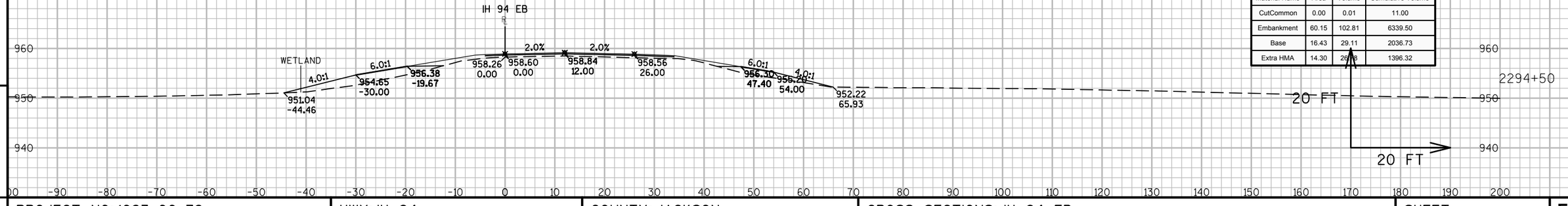
PLOT DATE : 10/20/2014 10:10 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2295+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	11.00
Embankment	59.79	117.67	6575.17
Base	13.34	30.26	2100.10
Extra HMA	19.06	33.54	1458.98



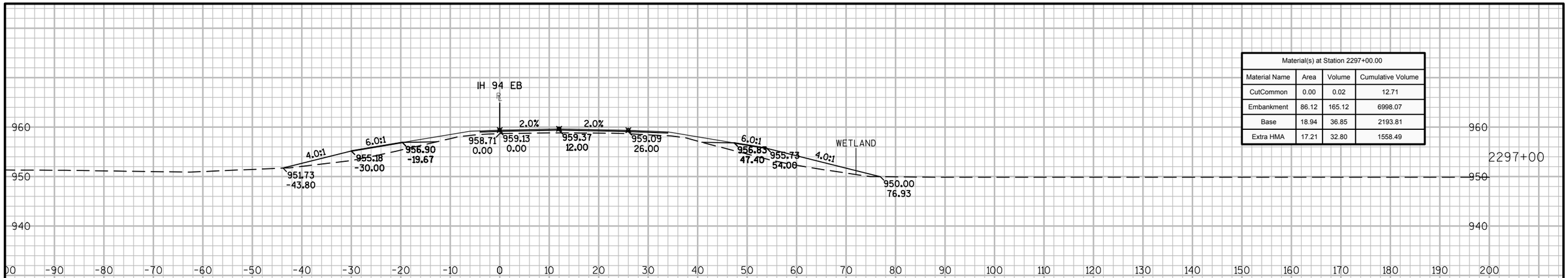
Material(s) at Station 2295+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	11.00
Embankment	67.29	118.00	6457.50
Base	19.34	33.12	2069.84
Extra HMA	17.16	29.13	1425.45



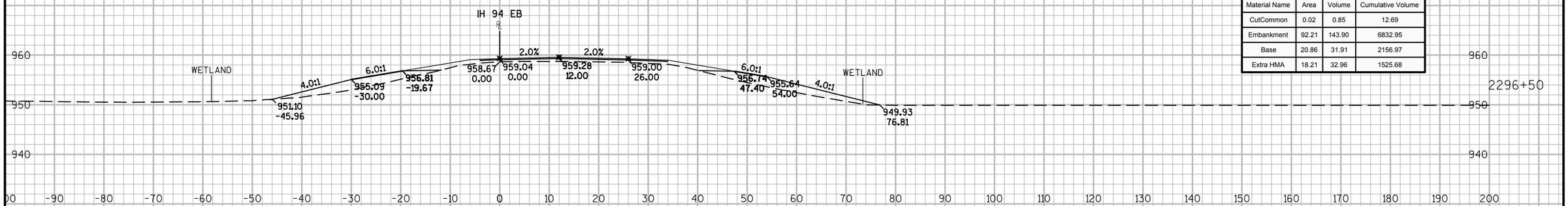
Material(s) at Station 2294+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.01	11.00
Embankment	60.15	102.81	6339.50
Base	16.43	29.11	2036.73
Extra HMA	14.30	26.78	1396.32

9 9

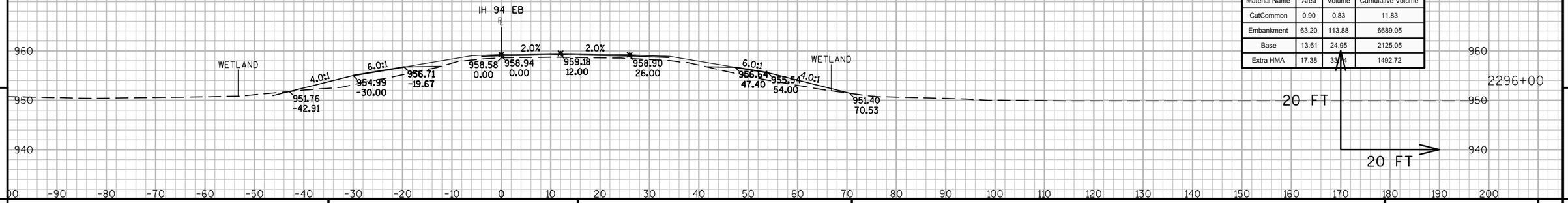
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 623	E



Material(s) at Station 2297+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.02	12.71
Embankment	86.12	165.12	6998.07
Base	18.94	36.85	2193.81
Extra HMA	17.21	32.80	1558.49



Material(s) at Station 2296+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.02	0.85	12.69
Embankment	92.21	143.90	6832.95
Base	20.86	31.91	2156.97
Extra HMA	18.21	32.96	1525.68



Material(s) at Station 2296+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.90	0.83	11.83
Embankment	63.20	113.88	6689.05
Base	13.61	24.95	2125.05
Extra HMA	17.38	33.14	1492.72

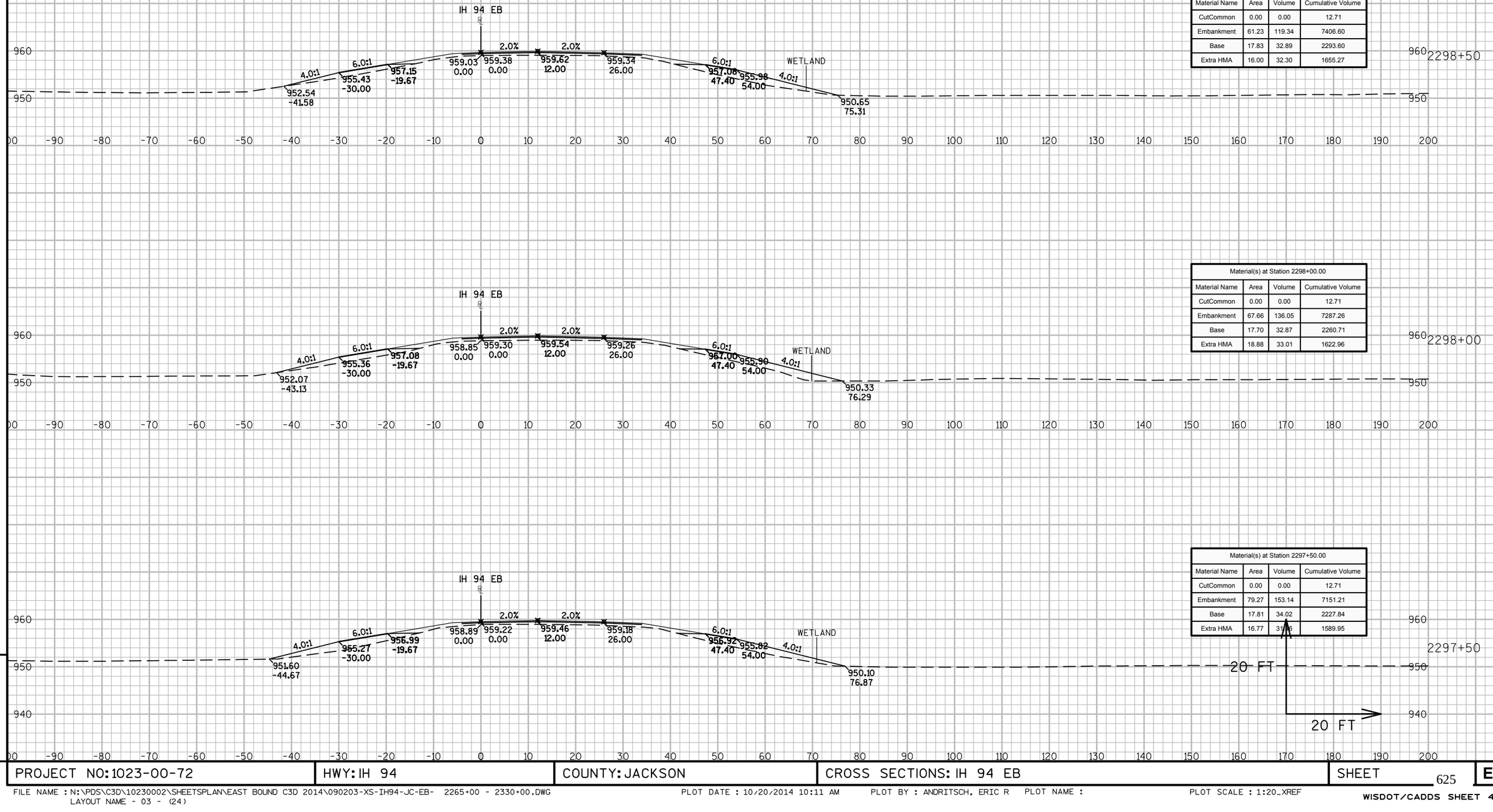
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 624	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (23)

PLOT DATE : 10/20/2014 10:11 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2298+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	61.23	119.34	7406.60
Base	17.83	32.89	2293.60
Extra HMA	16.00	32.30	1655.27

Material(s) at Station 2298+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	67.66	136.05	7287.26
Base	17.70	32.87	2260.71
Extra HMA	18.88	33.01	1622.96

Material(s) at Station 2297+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	79.27	153.14	7151.21
Base	17.81	34.02	2227.84
Extra HMA	16.77	31.78	1589.95

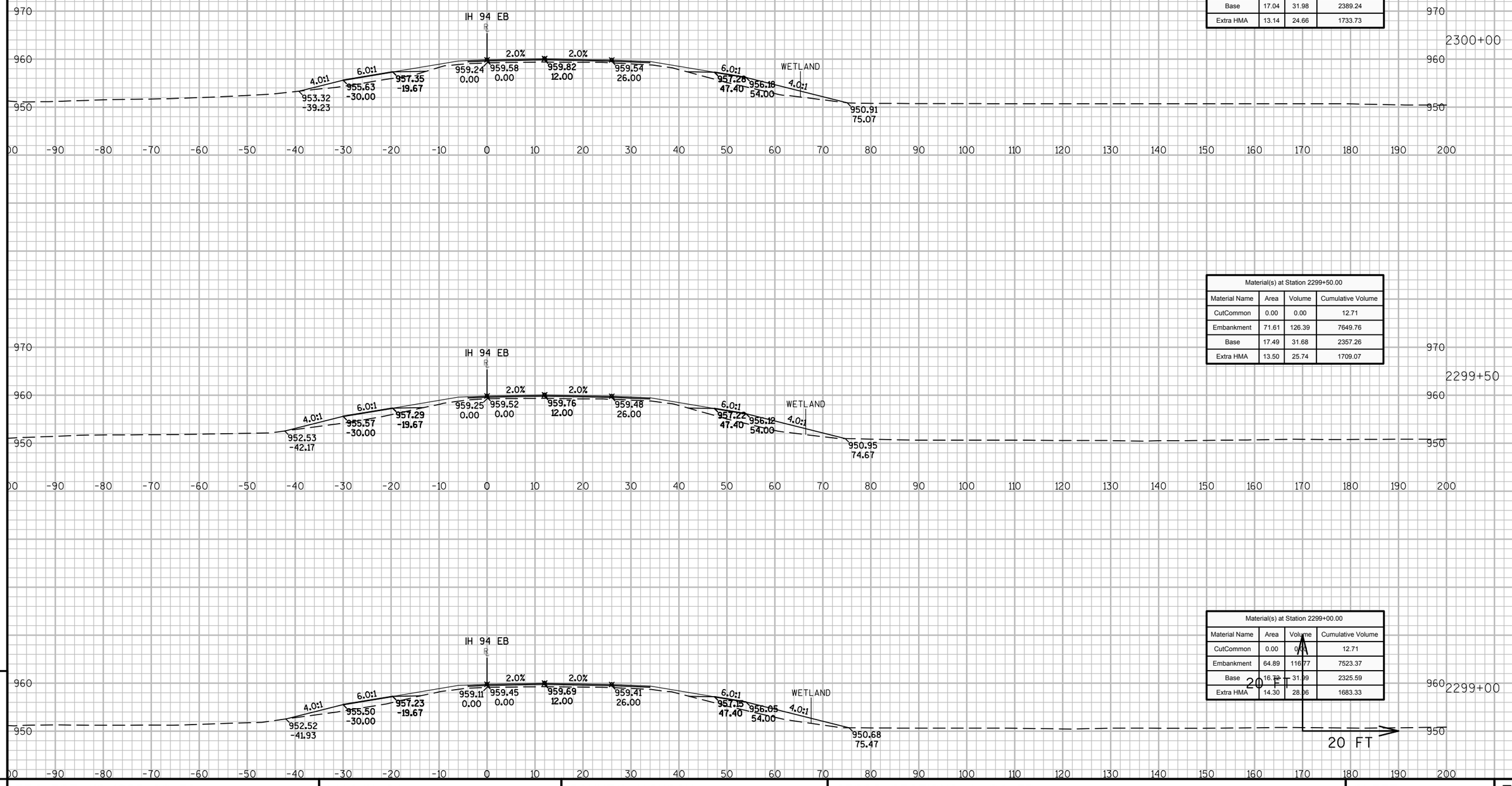
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 625	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (24)

PLOT DATE : 10/20/2014 10:11 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2300+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	66.97	128.32	7778.07
Base	17.04	31.98	2389.24
Extra HMA	13.14	24.66	1733.73

Material(s) at Station 2299+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	71.61	126.39	7649.76
Base	17.49	31.68	2357.26
Extra HMA	13.50	25.74	1709.07

Material(s) at Station 2299+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	64.89	116.77	7523.37
Base	16.78	31.99	2325.59
Extra HMA	14.30	28.06	1683.33

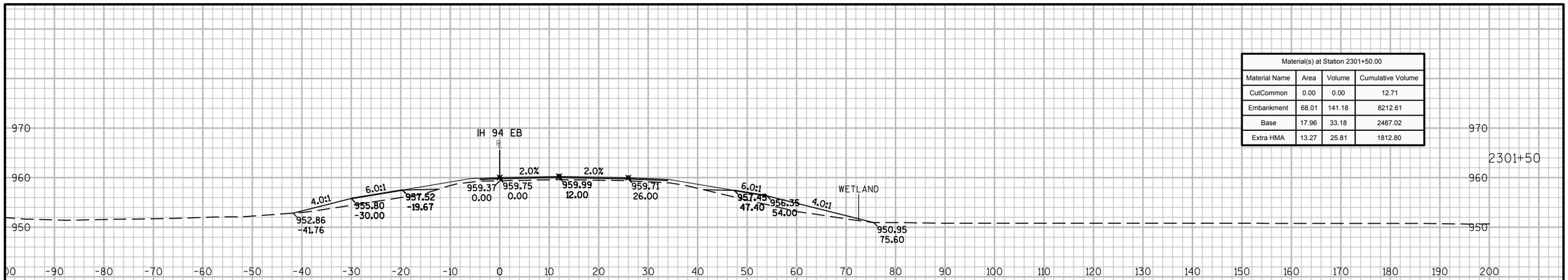
9

9

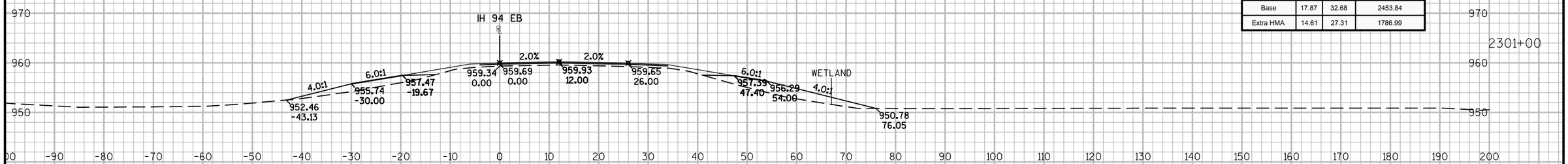
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 626	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (25)

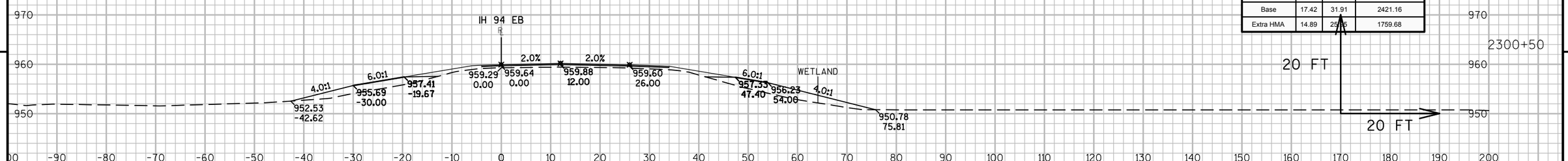
PLOT DATE : 10/20/2014 10:11 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2301+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	68.01	141.18	8212.61
Base	17.96	33.18	2487.02
Extra HMA	13.27	25.81	1812.80



Material(s) at Station 2301+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	84.47	154.78	8071.43
Base	17.87	32.68	2453.84
Extra HMA	14.61	27.31	1786.99



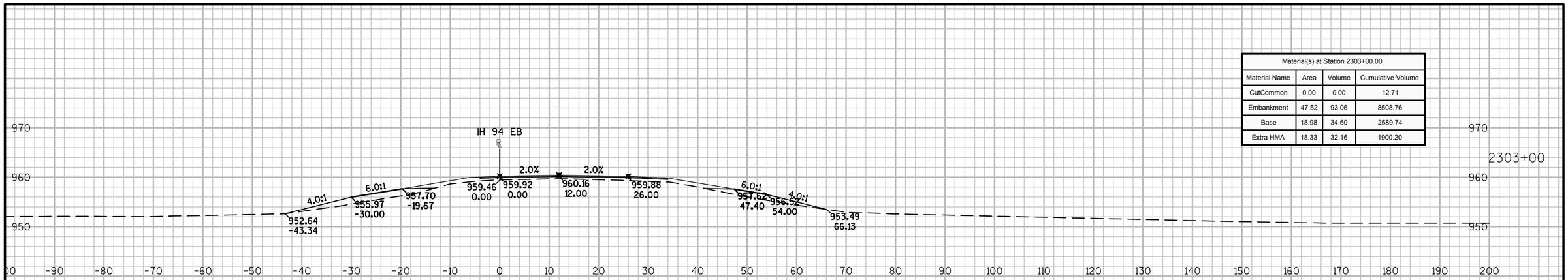
Material(s) at Station 2300+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	82.69	138.58	7916.65
Base	17.42	31.91	2421.16
Extra HMA	14.89	25.96	1759.68

9

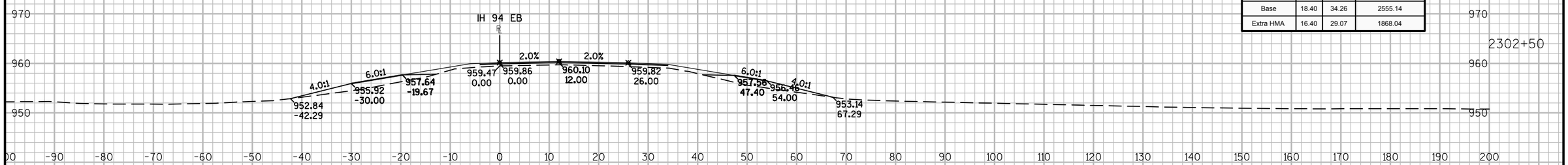
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 627	E

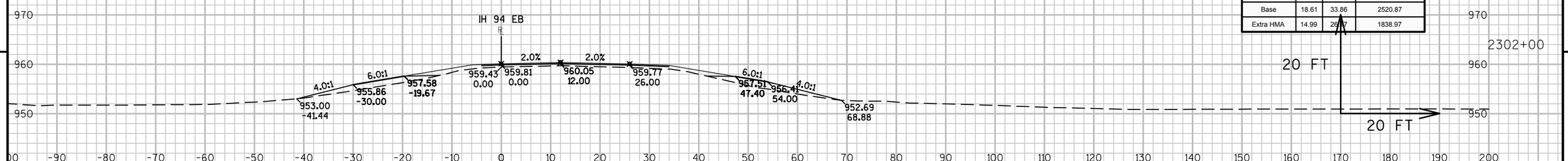
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (26)
PLOT DATE : 10/20/2014 10:11 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2303+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	47.52	93.06	8508.76
Base	18.98	34.60	2589.74
Extra HMA	18.33	32.16	1900.20



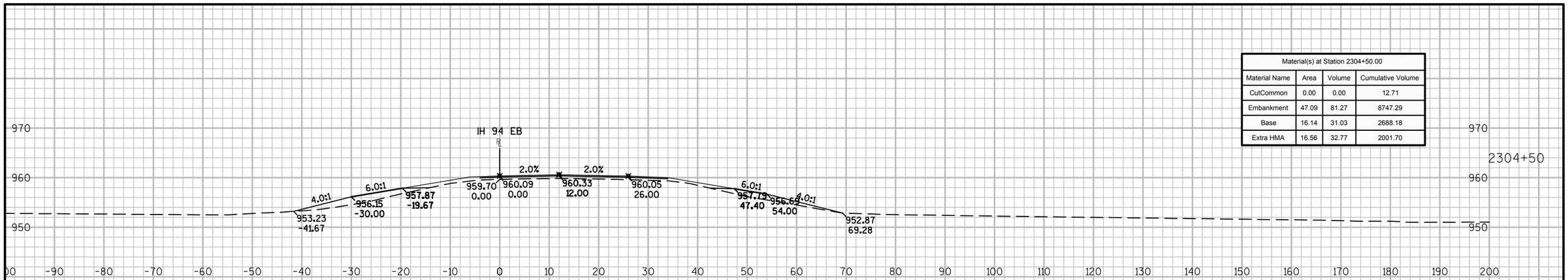
Material(s) at Station 2302+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	52.98	94.59	8415.70
Base	18.40	34.26	2555.14
Extra HMA	16.40	29.07	1868.04



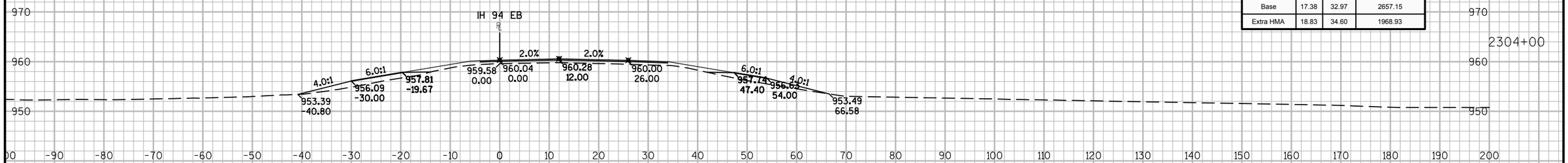
Material(s) at Station 2302+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	49.18	108.50	8321.11
Base	18.61	33.86	2520.87
Extra HMA	14.99	26.97	1838.97

9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 628 E



Material(s) at Station 2304+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	47.09	81.27	8747.29
Base	16.14	31.03	2688.18
Extra HMA	16.56	32.77	2001.70



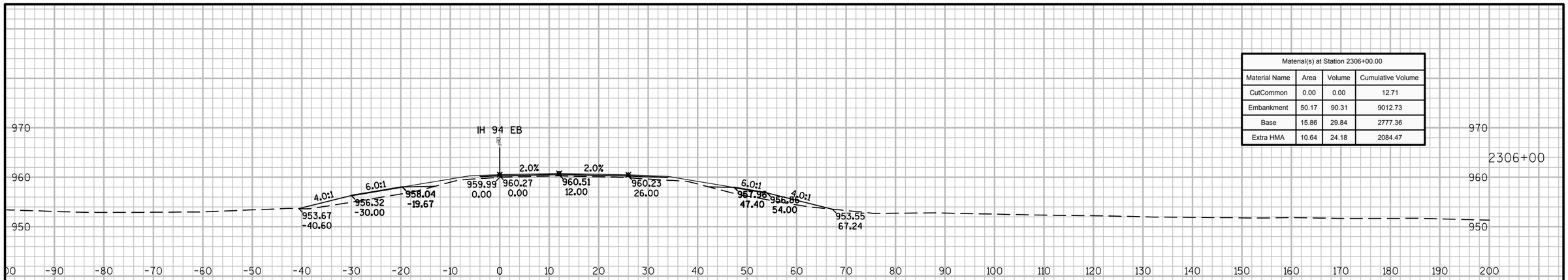
Material(s) at Station 2304+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	40.69	75.47	8666.02
Base	17.38	32.97	2657.15
Extra HMA	18.83	34.60	1968.93

Material(s) at Station 2303+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	40.81	81.79	8590.55
Base	18.22	34.44	2624.18
Extra HMA	18.54	34.78	1934.33

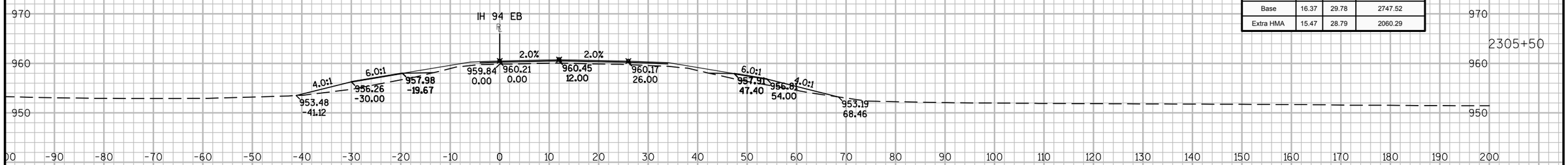
9

9

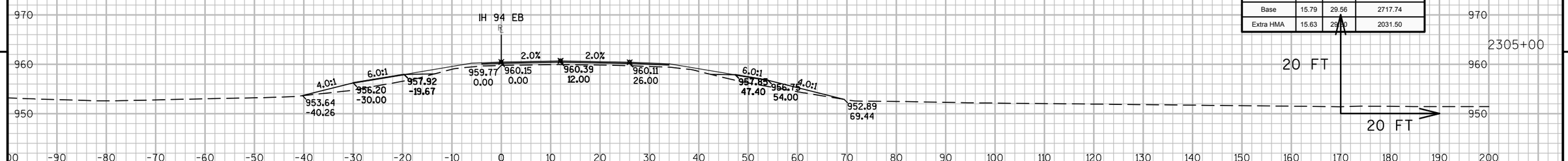
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 629	E



Material(s) at Station 2306+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	50.17	90.31	9012.73
Base	15.86	29.84	2777.36
Extra HMA	10.64	24.18	2084.47



Material(s) at Station 2305+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	47.37	87.69	8922.42
Base	16.37	29.78	2747.52
Extra HMA	15.47	28.79	2060.29



Material(s) at Station 2305+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	47.34	87.44	8834.73
Base	15.79	29.56	2717.74
Extra HMA	15.63	29.00	2031.50

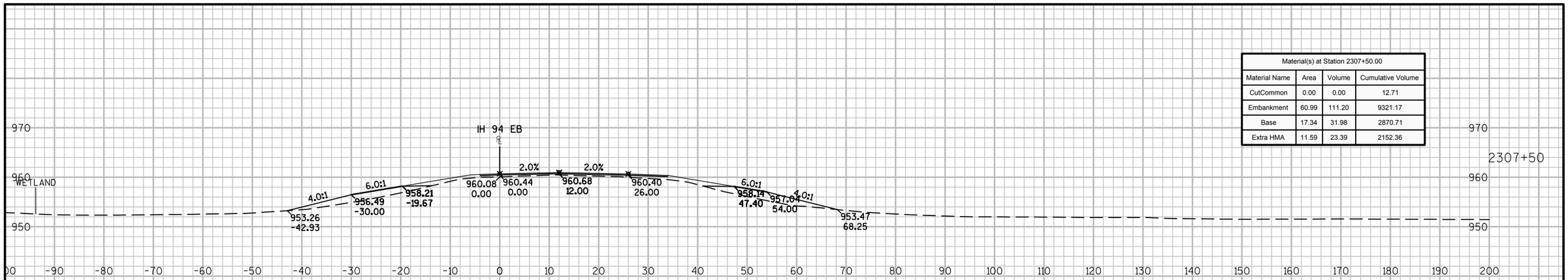
9

9

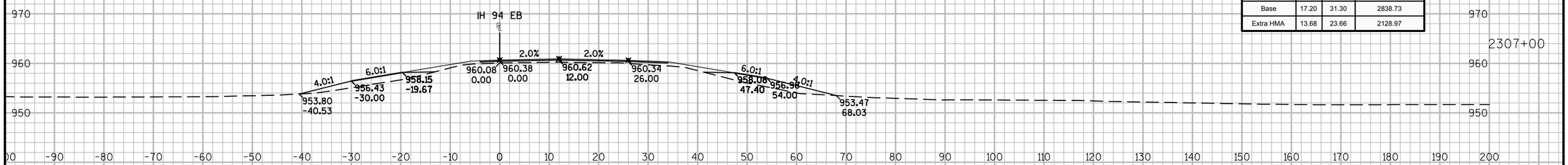
PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 630 | E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (29)

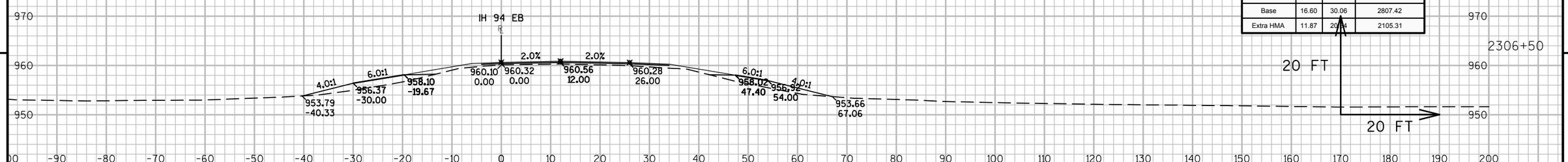
PLOT DATE : 10/20/2014 10:11 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2307+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	60.99	111.20	9321.17
Base	17.34	31.98	2870.71
Extra HMA	11.59	23.39	2152.36



Material(s) at Station 2307+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	59.11	102.76	9209.97
Base	17.20	31.30	2838.73
Extra HMA	13.68	23.66	2128.97

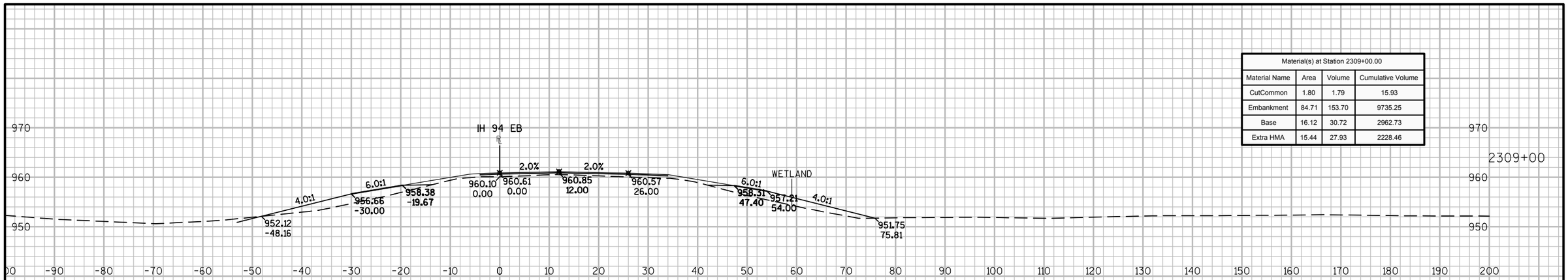


Material(s) at Station 2306+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	12.71
Embankment	51.87	94.48	9107.21
Base	16.60	30.06	2807.42
Extra HMA	11.87	20.94	2105.31

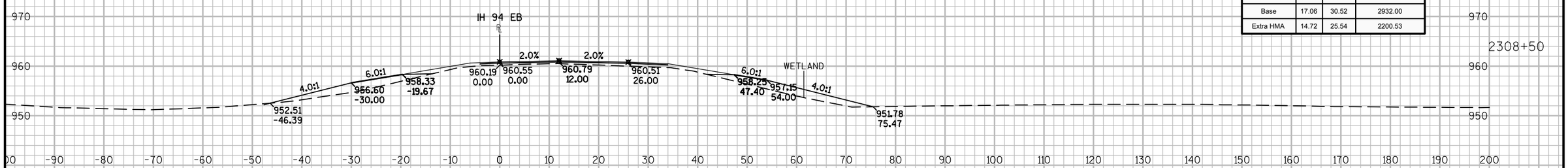
9

9

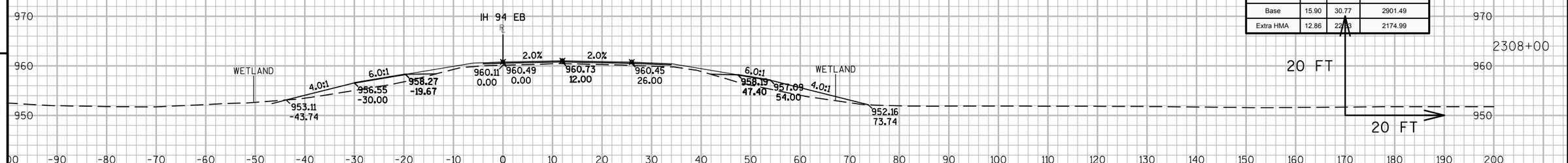
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 631	E



Material(s) at Station 2309+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	1.80	1.79	15.93
Embankment	84.71	153.70	9735.25
Base	16.12	30.72	2962.73
Extra HMA	15.44	27.93	2228.46



Material(s) at Station 2308+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.13	0.78	14.15
Embankment	81.28	139.59	9581.55
Base	17.06	30.52	2932.00
Extra HMA	14.72	25.54	2200.53



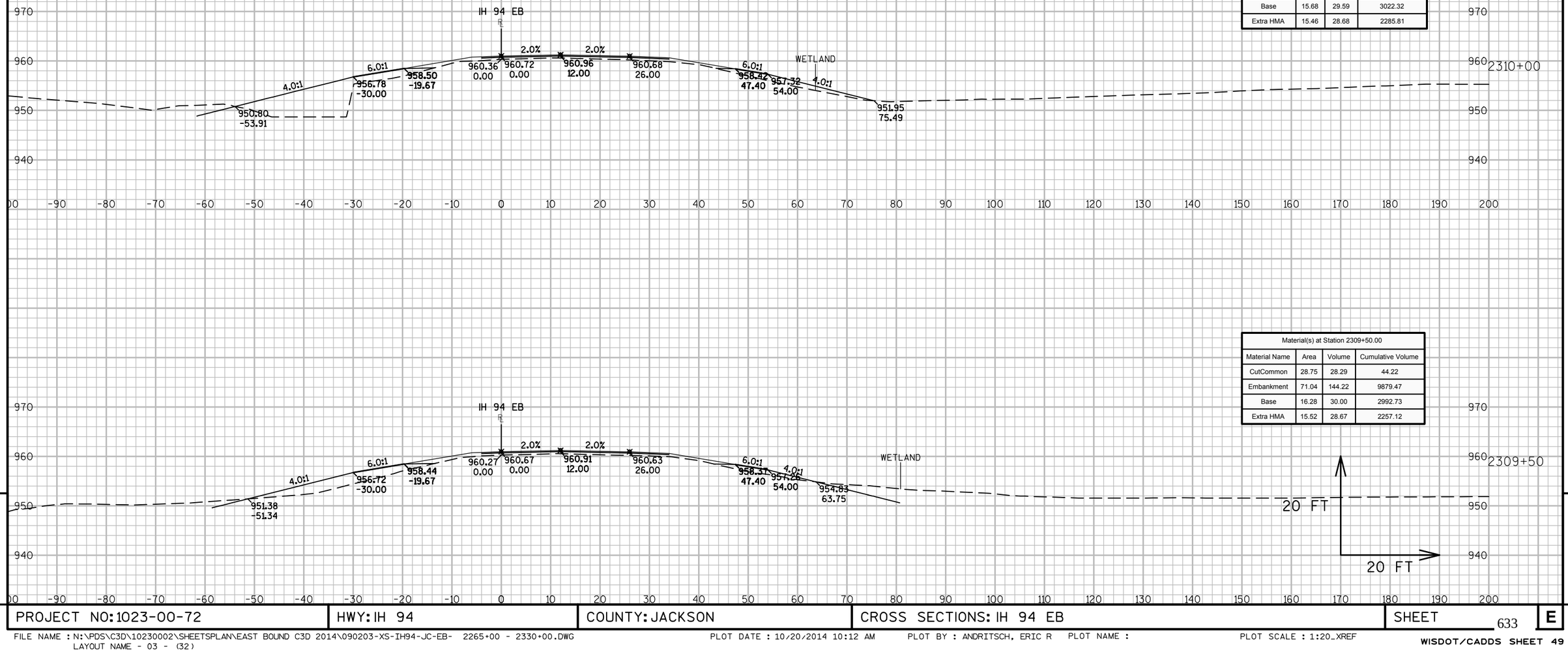
Material(s) at Station 2308+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.71	0.66	13.36
Embankment	69.47	120.79	9441.96
Base	15.90	30.77	2901.49
Extra HMA	12.86	22.[illegible]	2174.99

9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 632	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (31)
PLOT DATE : 10/20/2014 10:11 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2310+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	10.06	35.94	80.16
Embankment	155.71	209.96	10089.43
Base	15.68	29.59	3022.32
Extra HMA	15.46	28.68	2285.81

Material(s) at Station 2309+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	28.75	28.29	44.22
Embankment	71.04	144.22	9879.47
Base	16.28	30.00	2992.73
Extra HMA	15.52	28.67	2257.12

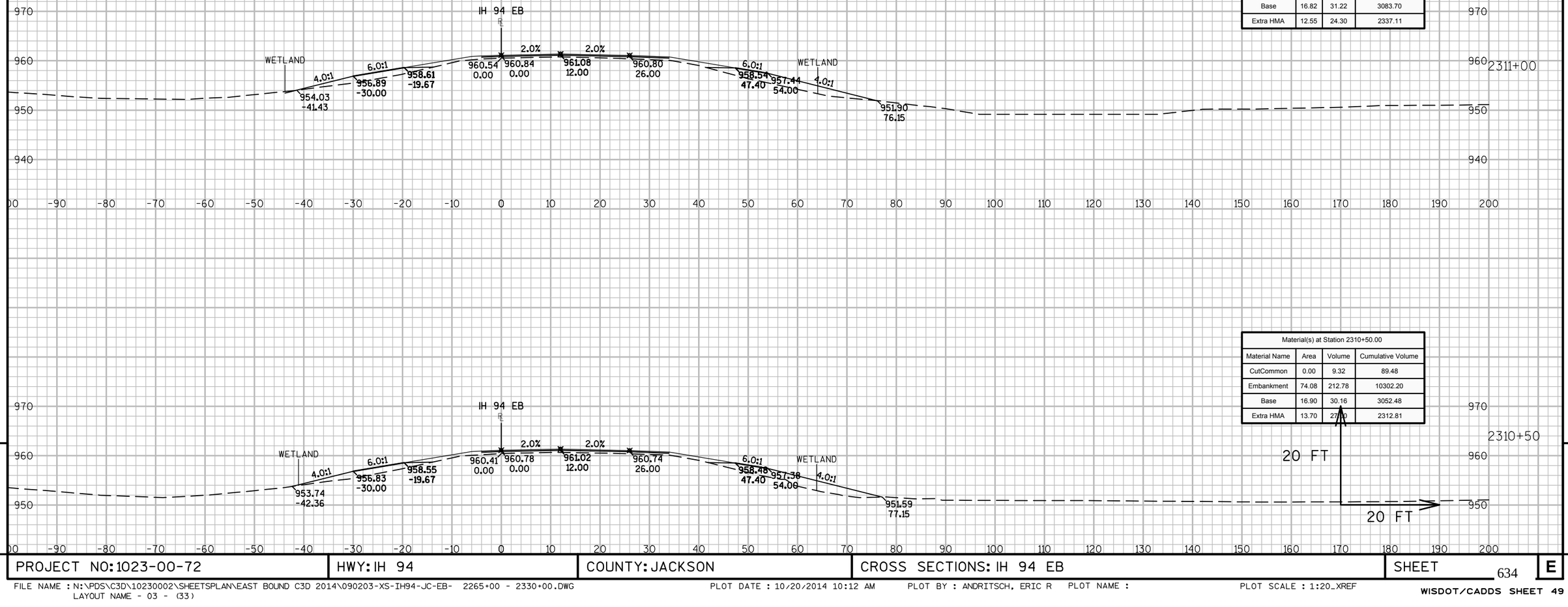
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 633	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (32)

PLOT DATE : 10/20/2014 10:12 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2311+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.36	0.33	89.82
Embankment	70.27	133.66	10435.87
Base	16.82	31.22	3083.70
Extra HMA	12.55	24.30	2337.11

Material(s) at Station 2310+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	9.32	89.48
Embankment	74.08	212.78	10302.20
Base	16.90	30.16	3052.48
Extra HMA	13.70	27.00	2312.81

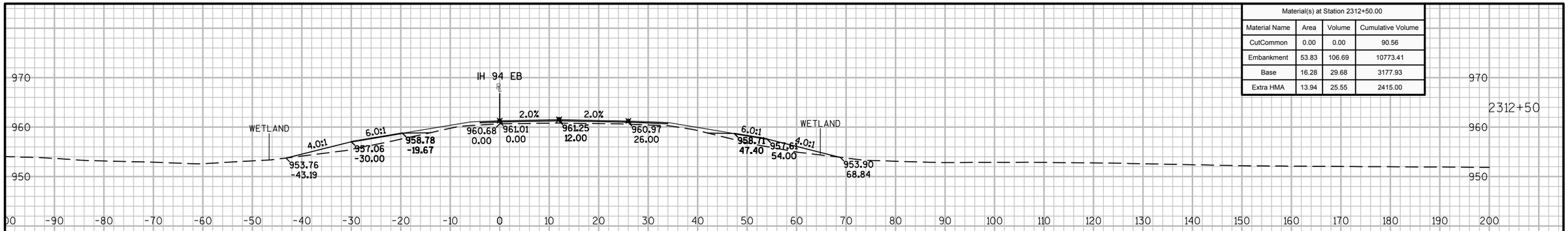
9

9

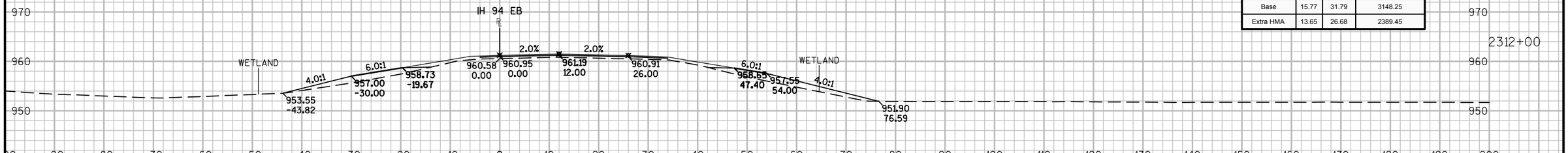
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 634	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (33)

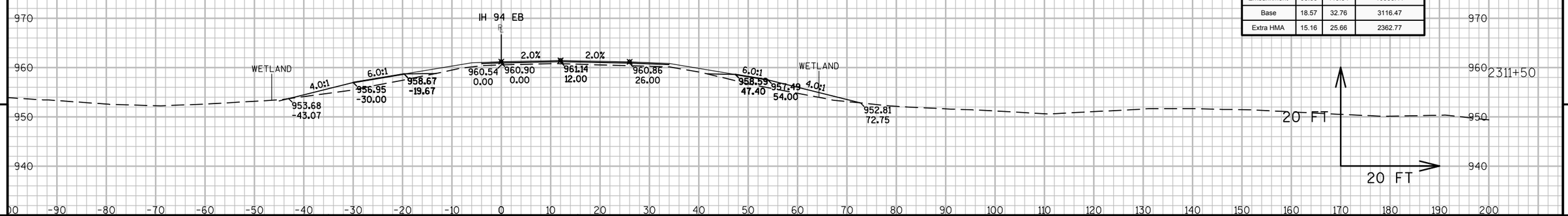
PLOT DATE : 10/20/2014 10:12 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2312+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	90.56
Embankment	53.83	106.69	10773.41
Base	16.28	29.68	3177.93
Extra HMA	13.94	25.55	2415.00



Material(s) at Station 2312+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.21	90.56
Embankment	61.39	111.32	10666.73
Base	15.77	31.79	3148.25
Extra HMA	13.65	26.68	2389.45



Material(s) at Station 2311+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.22	0.54	90.36
Embankment	58.83	119.54	10555.41
Base	18.57	32.76	3116.47
Extra HMA	15.16	25.66	2362.77

9

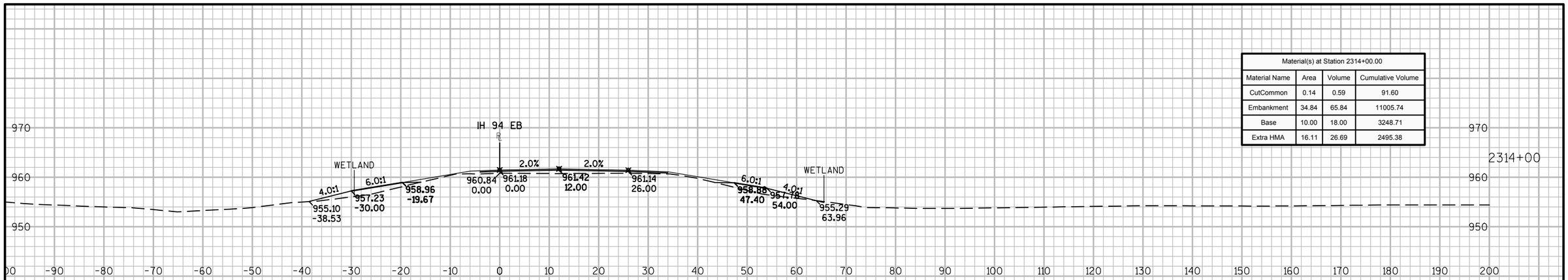
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 635	E

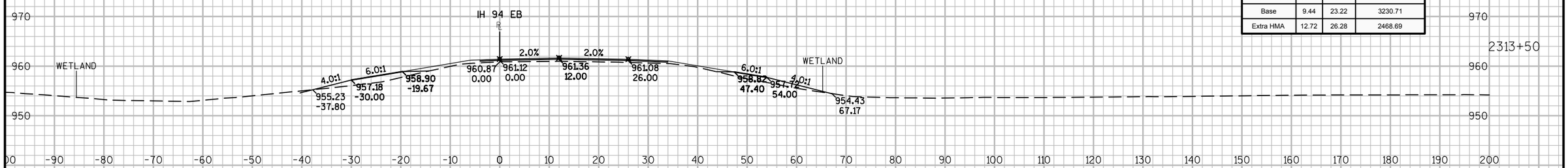
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (34)

PLOT DATE : 10/20/2014 10:12 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

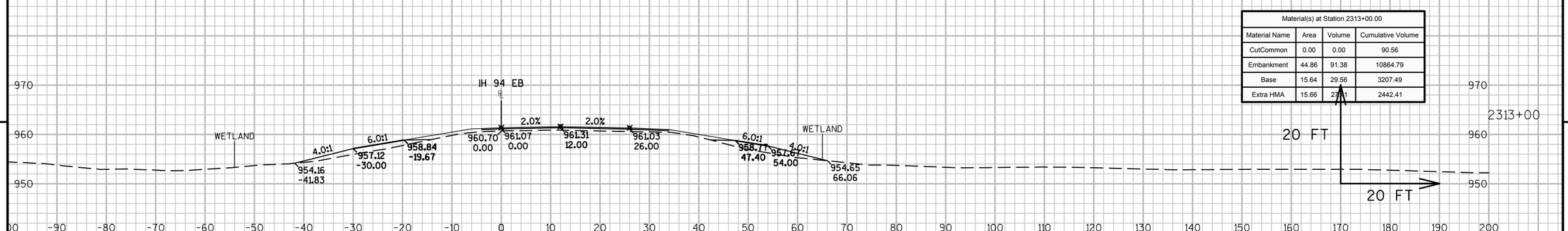
WISDOT/CADDS SHEET 49



Material(s) at Station 2314+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.14	0.59	91.60
Embankment	34.84	65.84	11005.74
Base	10.00	18.00	3248.71
Extra HMA	16.11	26.69	2495.38



Material(s) at Station 2313+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.49	0.45	91.02
Embankment	36.27	75.12	10939.91
Base	9.44	23.22	3230.71
Extra HMA	12.72	26.28	2468.69

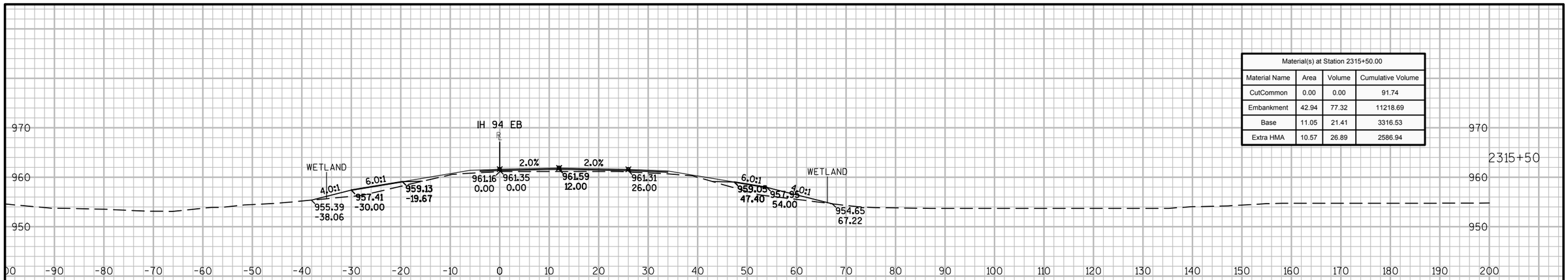


Material(s) at Station 2313+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	90.56
Embankment	44.86	91.38	10864.79
Base	15.64	29.56	3207.49
Extra HMA	15.66	27.41	2442.41

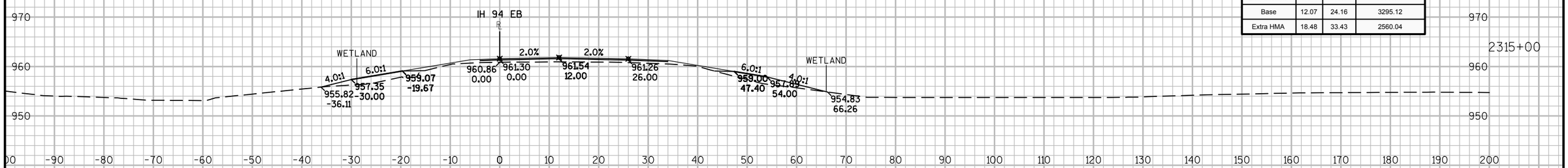
9

9

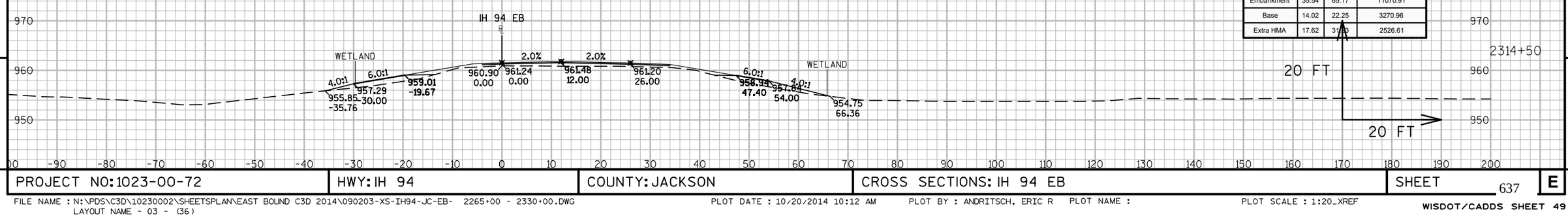
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 636	E



Material(s) at Station 2315+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	91.74
Embankment	42.94	77.32	11218.69
Base	11.05	21.41	3316.53
Extra HMA	10.57	26.89	2586.94



Material(s) at Station 2315+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	91.74
Embankment	40.56	70.47	11141.37
Base	12.07	24.16	3295.12
Extra HMA	18.48	33.43	2560.04



Material(s) at Station 2314+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.13	91.74
Embankment	35.54	65.17	11070.91
Base	14.02	22.25	3270.96
Extra HMA	17.62	31.03	2526.61

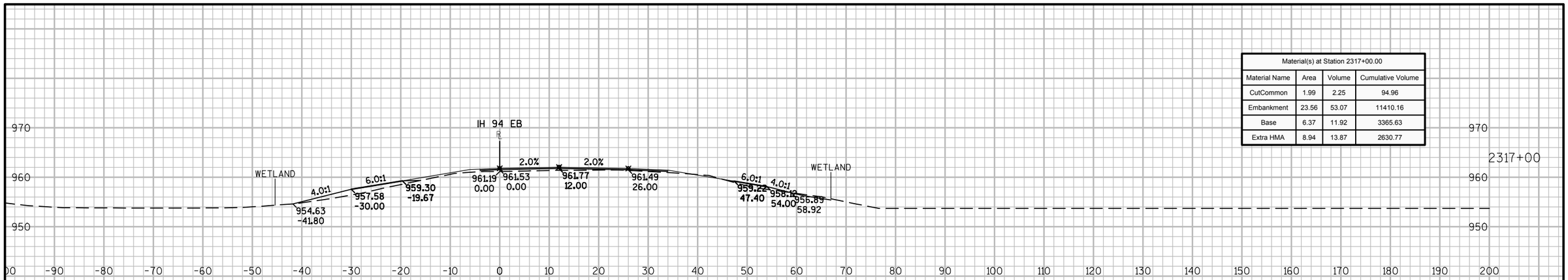
9

9

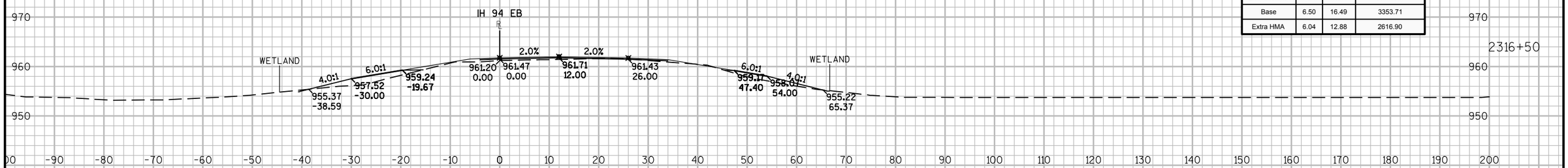
PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 637 E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (36)

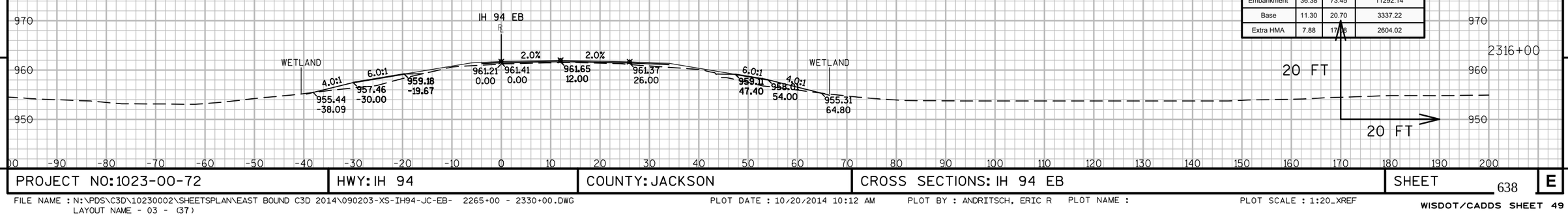
PLOT DATE : 10/20/2014 10:12 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2317+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	1.99	2.25	94.96
Embankment	23.56	53.07	11410.16
Base	6.37	11.92	3365.63
Extra HMA	8.94	13.87	2630.77



Material(s) at Station 2316+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.44	0.69	92.71
Embankment	33.76	64.94	11357.08
Base	6.50	16.49	3353.71
Extra HMA	6.04	12.88	2616.90



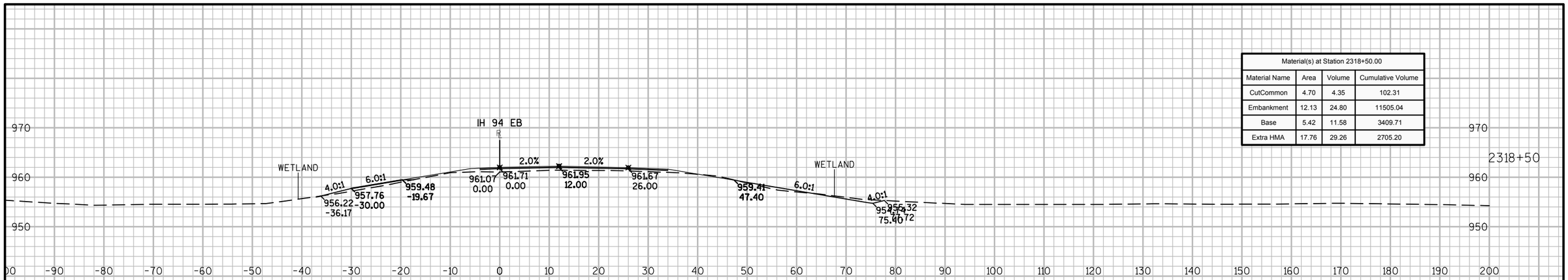
Material(s) at Station 2316+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.31	0.29	92.02
Embankment	36.38	73.45	11292.14
Base	11.30	20.70	3337.22
Extra HMA	7.88	17.18	2604.02

9

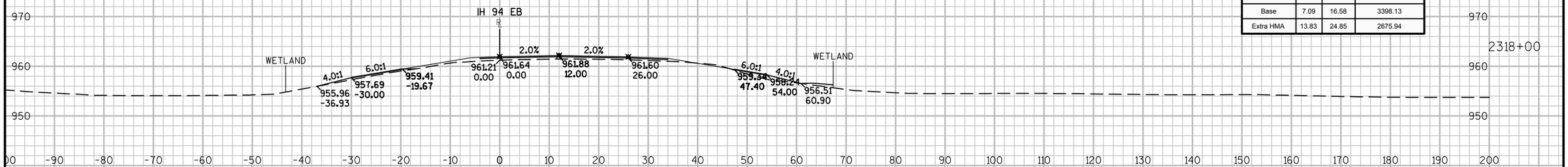
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 638	E

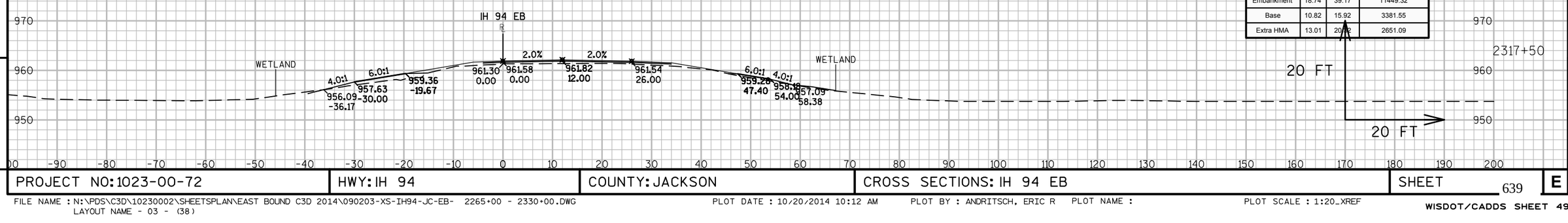
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (37)
PLOT DATE : 10/20/2014 10:12 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2318+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	4.70	4.35	102.31
Embankment	12.13	24.80	11505.04
Base	5.42	11.58	3409.71
Extra HMA	17.76	29.26	2705.20



Material(s) at Station 2318+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.58	97.96
Embankment	14.66	30.92	11480.24
Base	7.09	16.58	3398.13
Extra HMA	13.83	24.85	2675.94

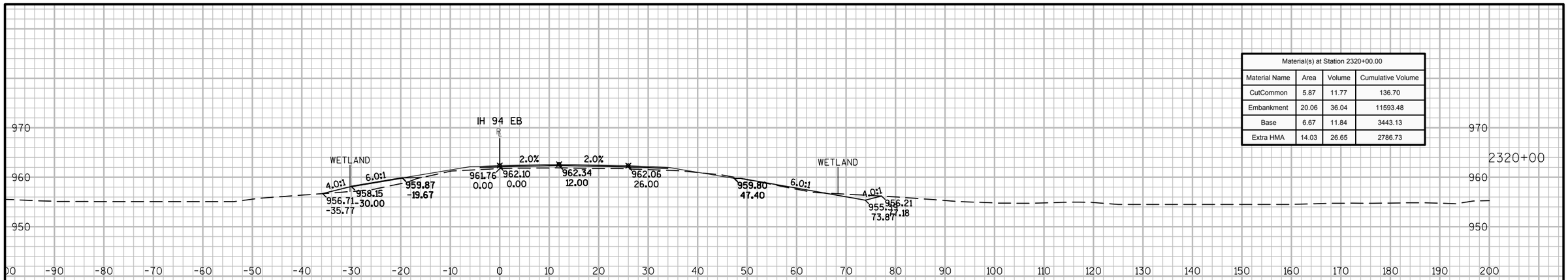


Material(s) at Station 2317+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.63	2.42	97.38
Embankment	18.74	39.17	11449.32
Base	10.82	15.92	3381.55
Extra HMA	13.01	20.[illegible]	2651.09

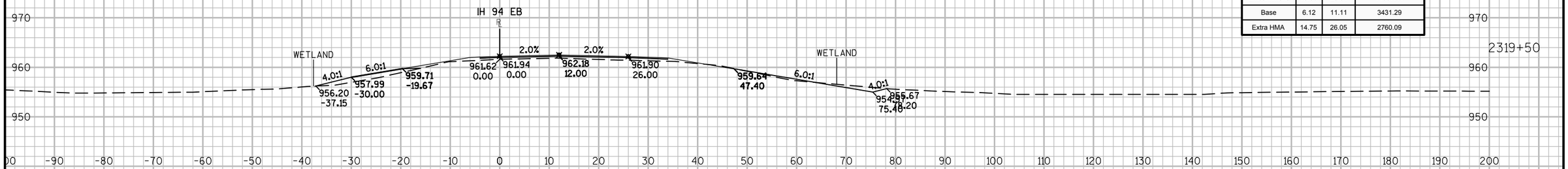
9

9

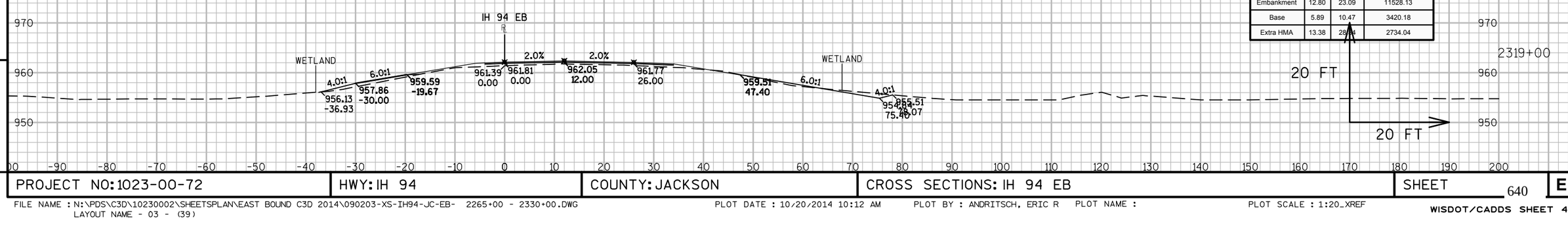
PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 639 E



Material(s) at Station 2320+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	5.87	11.77	136.70
Embankment	20.06	36.04	11593.48
Base	6.67	11.84	3443.13
Extra HMA	14.03	26.65	2786.73



Material(s) at Station 2319+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	6.83	12.30	124.93
Embankment	18.86	29.31	11557.44
Base	6.12	11.11	3431.29
Extra HMA	14.75	26.05	2760.09



Material(s) at Station 2319+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	6.45	10.32	112.63
Embankment	12.80	23.09	11528.13
Base	5.89	10.47	3420.18
Extra HMA	13.38	28.04	2734.04

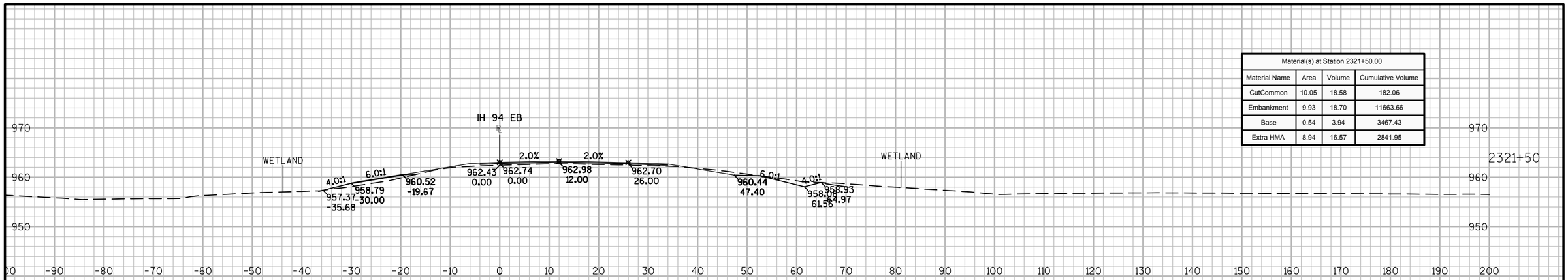
9

9

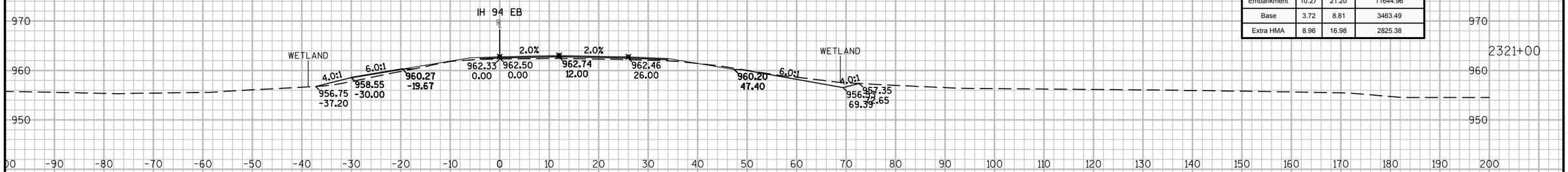
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 640	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (39)

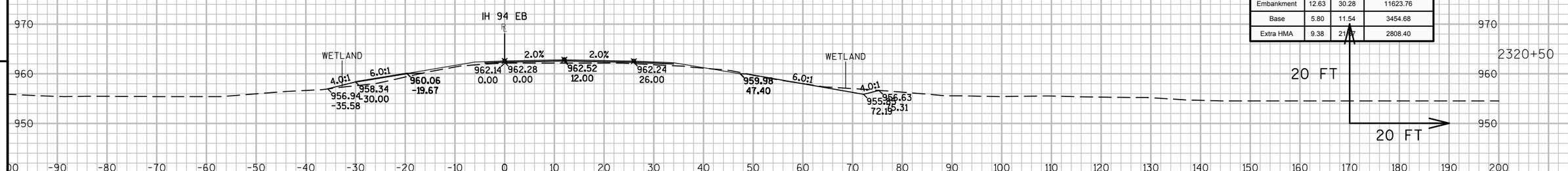
PLOT DATE : 10/20/2014 10:12 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2321+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	10.05	18.58	182.06
Embankment	9.93	18.70	11663.66
Base	0.54	3.94	3467.43
Extra HMA	8.94	16.57	2841.95



Material(s) at Station 2321+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	10.01	15.31	163.49
Embankment	10.27	21.20	11644.96
Base	3.72	8.81	3463.49
Extra HMA	8.96	16.98	2825.38

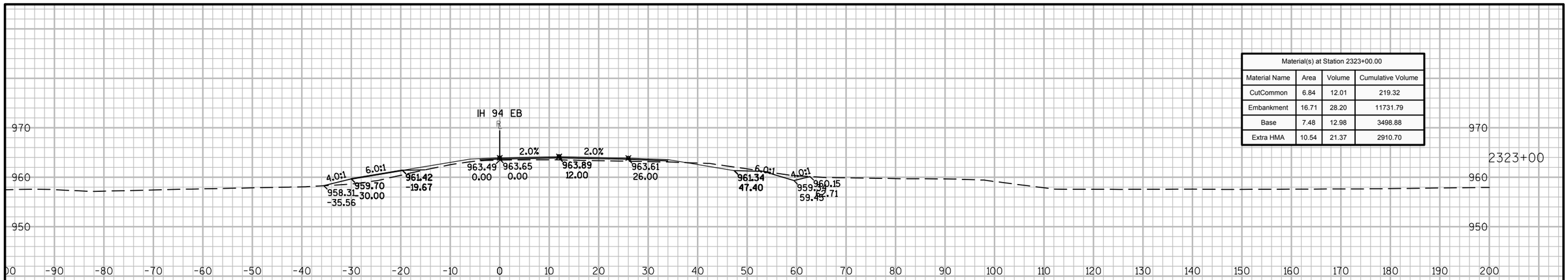


Material(s) at Station 2320+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	6.52	11.48	148.18
Embankment	12.63	30.28	11623.76
Base	5.80	11.54	3454.68
Extra HMA	9.38	21.17	2808.40

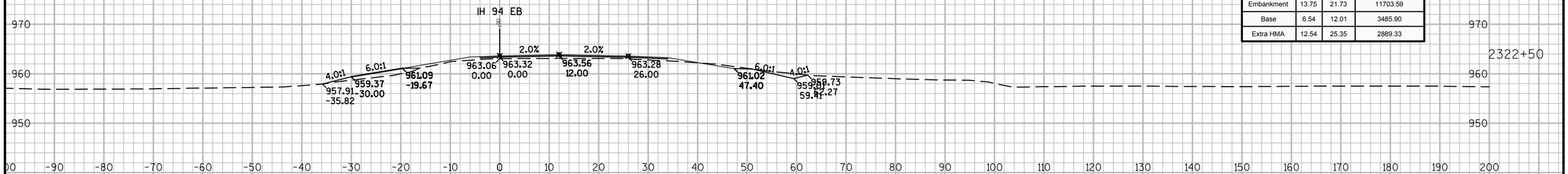
9

9

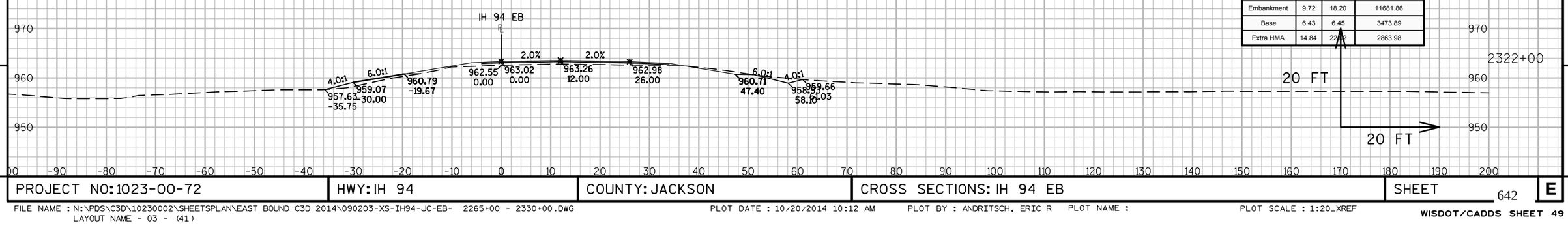
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 641	E



Material(s) at Station 2323+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	6.84	12.01	219.32
Embankment	16.71	28.20	11731.79
Base	7.48	12.98	3498.88
Extra HMA	10.54	21.37	2910.70



Material(s) at Station 2322+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	6.13	10.81	207.32
Embankment	13.75	21.73	11703.59
Base	6.54	12.01	3485.90
Extra HMA	12.54	25.35	2889.33

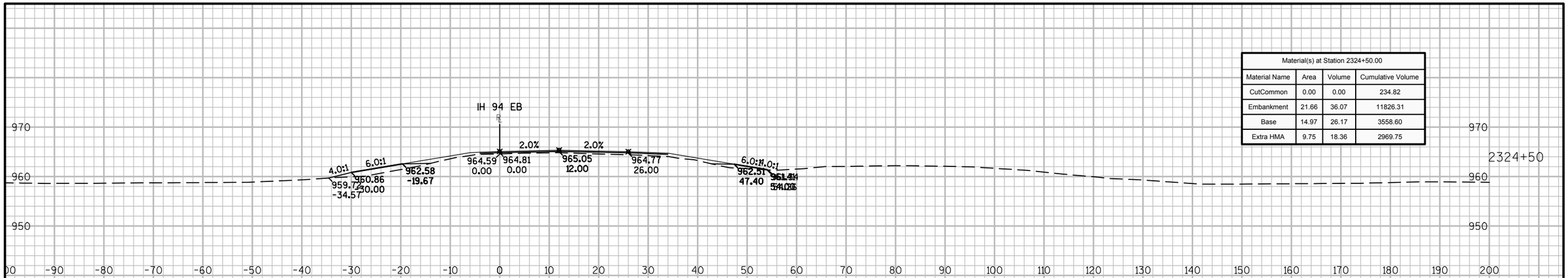


Material(s) at Station 2322+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	5.55	14.44	196.50
Embankment	9.72	18.20	11681.86
Base	6.43	6.45	3473.89
Extra HMA	14.84	22.[illegible]	2863.98

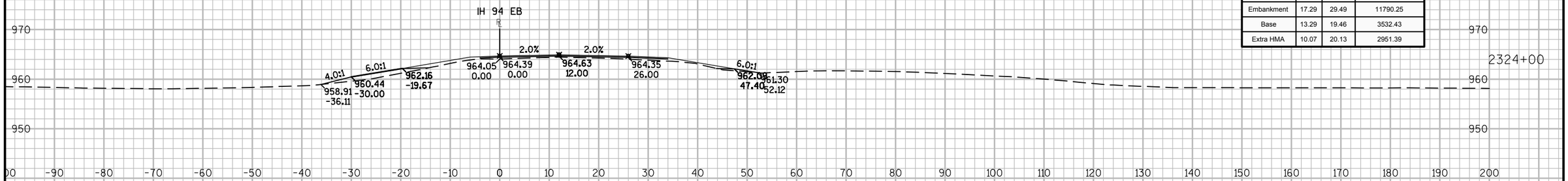
9

9

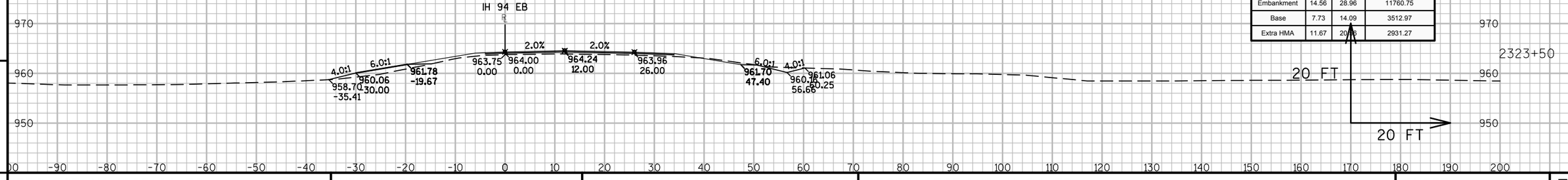
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 642	E



Material(s) at Station 2324+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	234.82
Embankment	21.66	36.07	11826.31
Base	14.97	26.17	3558.60
Extra HMA	9.75	18.36	2969.75



Material(s) at Station 2324+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	4.58	234.82
Embankment	17.29	29.49	11790.25
Base	13.29	19.46	3532.43
Extra HMA	10.07	20.13	2951.39



Material(s) at Station 2323+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	4.95	10.91	230.24
Embankment	14.56	28.96	11760.75
Base	7.73	14.09	3512.97
Extra HMA	11.67	20.78	2931.27

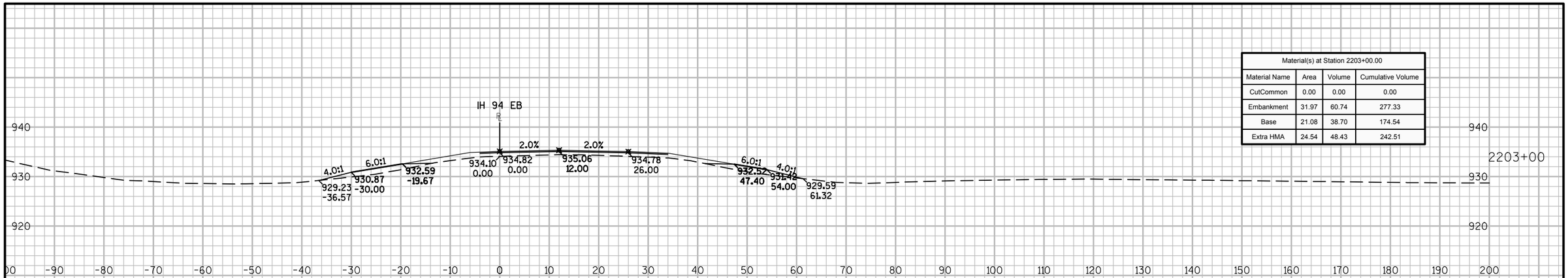
9

9

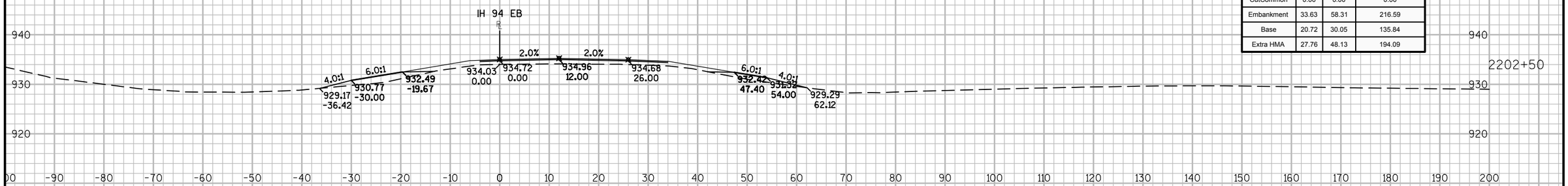
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 643	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090203-XS-IH94-JC-EB- 2265+00 - 2330+00.DWG
LAYOUT NAME - 03 - (42)

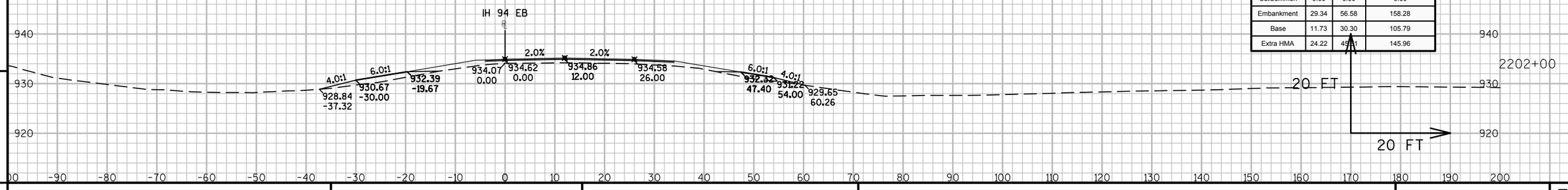
PLOT DATE : 10/20/2014 10:13 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2203+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	31.97	60.74	277.33
Base	21.08	38.70	174.54
Extra HMA	24.54	48.43	242.51



Material(s) at Station 2202+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	33.63	58.31	216.59
Base	20.72	30.05	135.84
Extra HMA	27.76	48.13	194.09



Material(s) at Station 2202+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	29.34	56.58	158.28
Base	11.73	30.30	105.79
Extra HMA	24.22	45.81	145.96

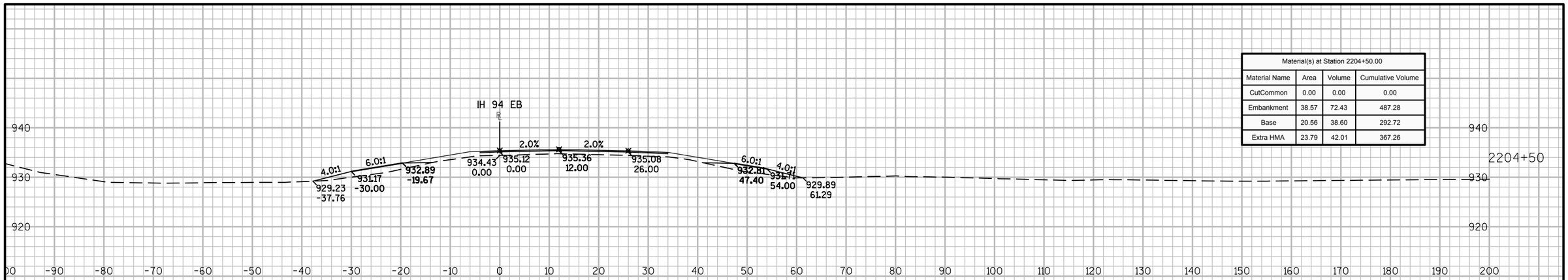
9

9

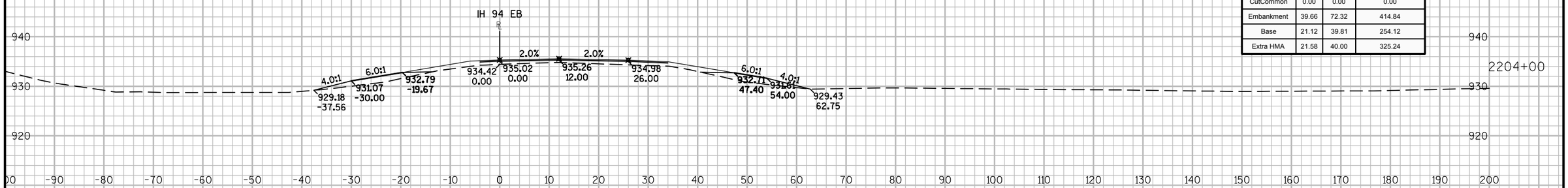
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 644	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (2)

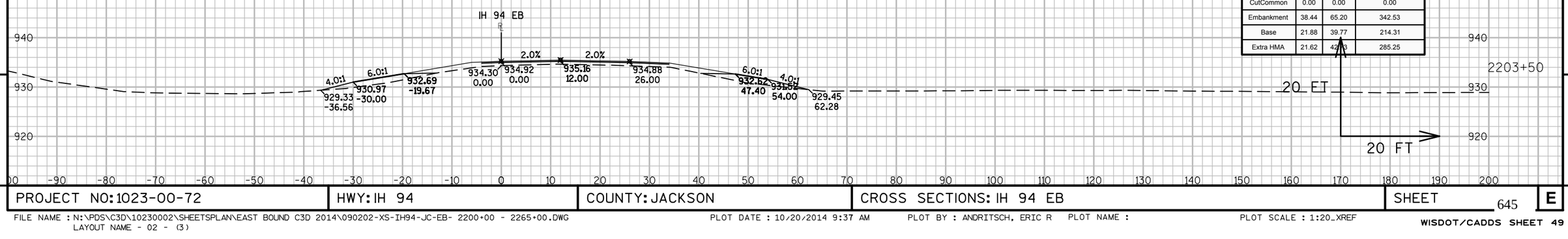
PLOT DATE : 10/20/2014 9:37 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2204+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	38.57	72.43	487.28
Base	20.56	38.60	292.72
Extra HMA	23.79	42.01	367.26



Material(s) at Station 2204+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	39.66	72.32	414.84
Base	21.12	39.81	254.12
Extra HMA	21.58	40.00	325.24



Material(s) at Station 2203+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	38.44	65.20	342.53
Base	21.88	39.77	214.31
Extra HMA	21.62	42.13	285.25

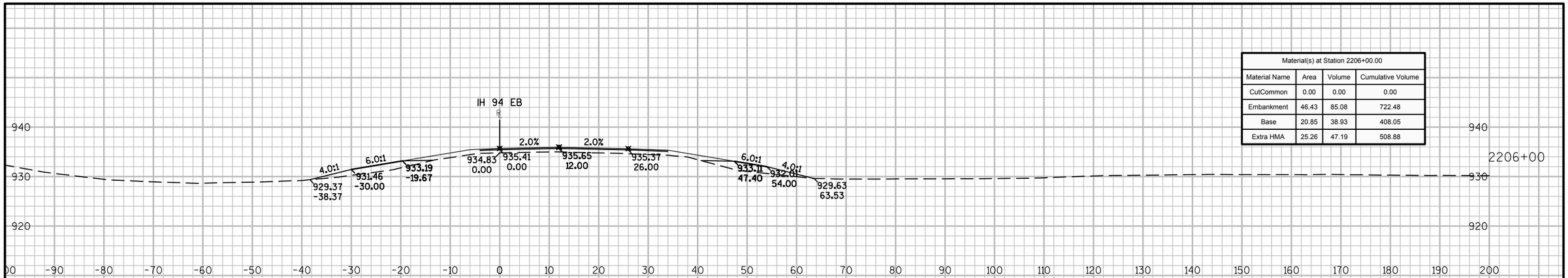
9

9

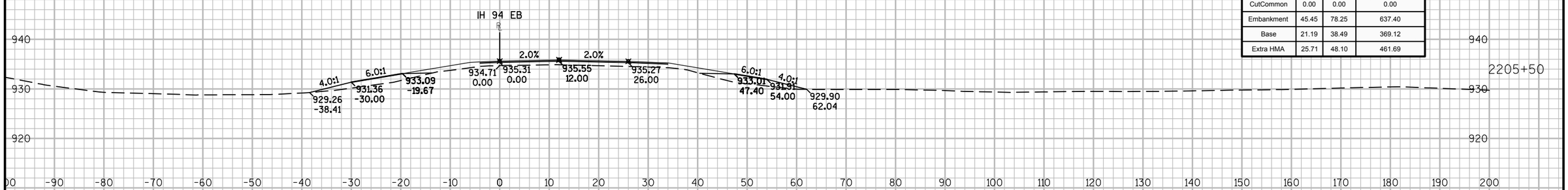
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 645	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (3)

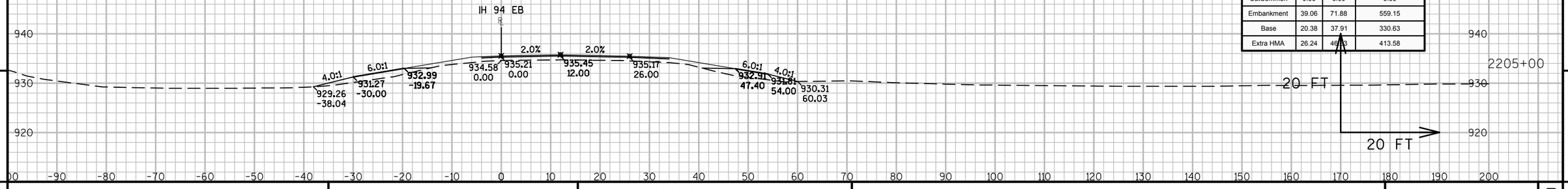
PLOT DATE : 10/20/2014 9:37 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2206+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	46.43	85.08	722.48
Base	20.85	38.93	408.05
Extra HMA	25.26	47.19	508.88



Material(s) at Station 2205+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	45.45	78.25	637.40
Base	21.19	38.49	369.12
Extra HMA	25.71	48.10	461.69



Material(s) at Station 2205+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	39.06	71.88	559.15
Base	20.38	37.91	330.63
Extra HMA	26.24	46.83	413.58

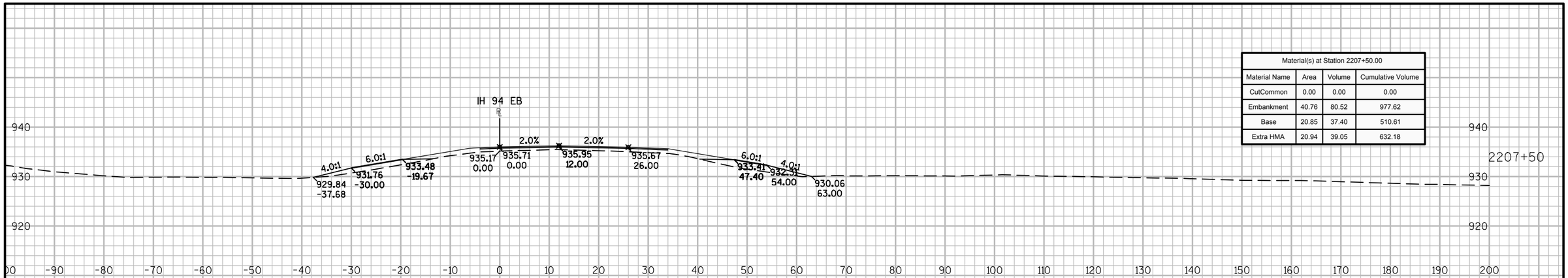
9

9

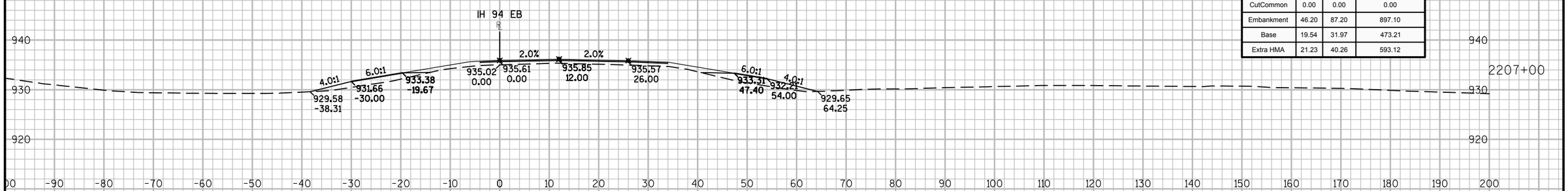
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 646	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (4)

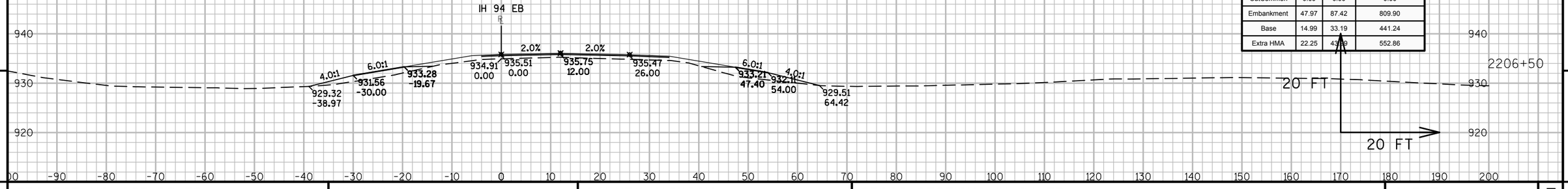
PLOT DATE : 10/20/2014 9:37 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2207+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	40.76	80.52	977.62
Base	20.85	37.40	510.61
Extra HMA	20.94	39.05	632.18



Material(s) at Station 2207+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	46.20	87.20	897.10
Base	19.54	31.97	473.21
Extra HMA	21.23	40.26	593.12



Material(s) at Station 2206+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	47.97	87.42	809.90
Base	14.99	33.19	441.24
Extra HMA	22.25	43.09	552.86

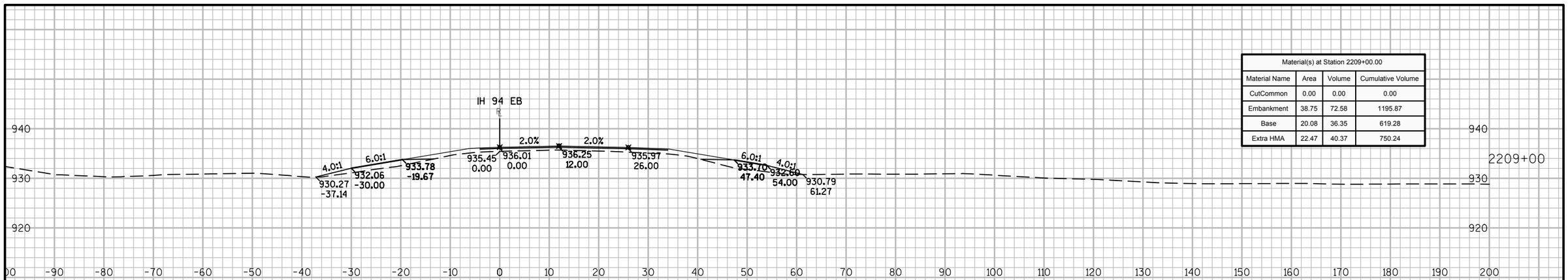
9

9

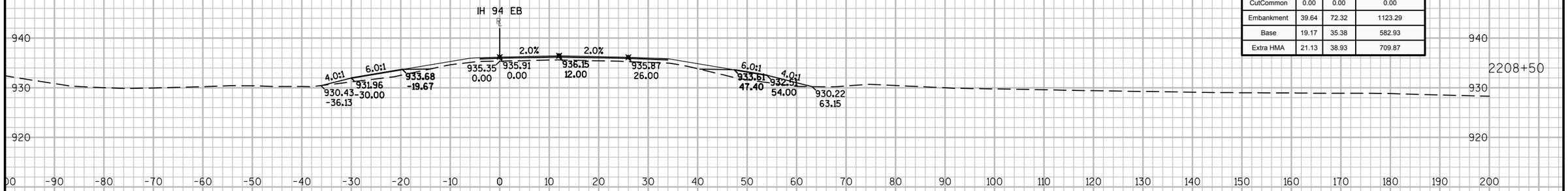
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 647	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (5)

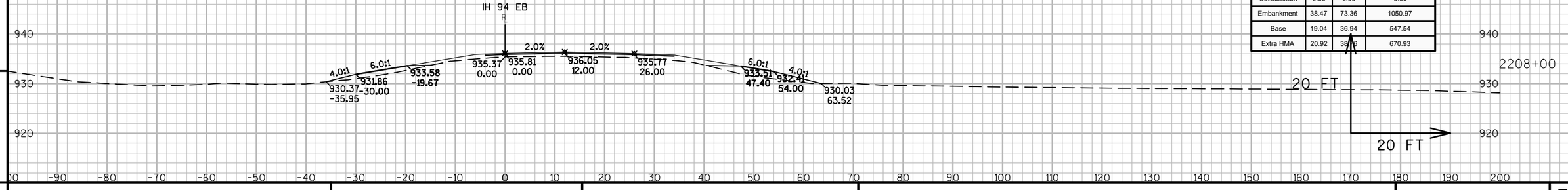
PLOT DATE : 10/20/2014 9:37 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2209+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	38.75	72.58	1195.87
Base	20.08	36.35	619.28
Extra HMA	22.47	40.37	750.24



Material(s) at Station 2208+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	39.64	72.32	1123.29
Base	19.17	35.38	582.93
Extra HMA	21.13	38.93	709.87



Material(s) at Station 2208+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	38.47	73.36	1050.97
Base	19.04	36.94	547.54
Extra HMA	20.92	38.78	670.93

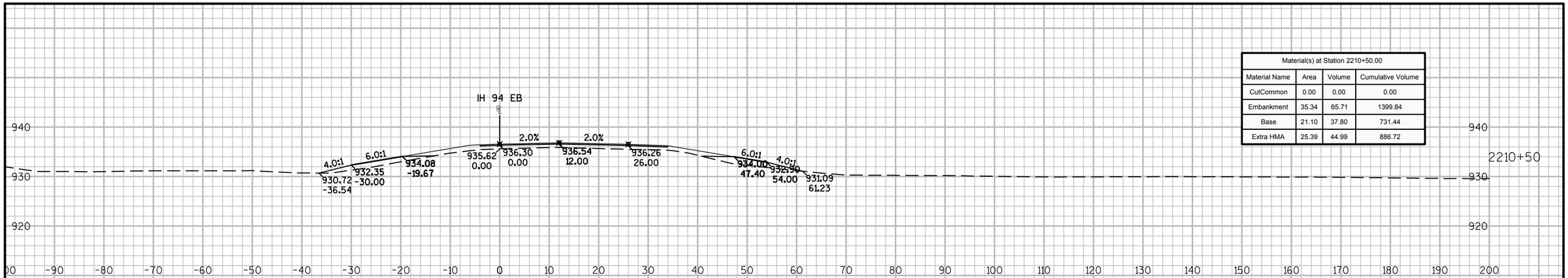
9

9

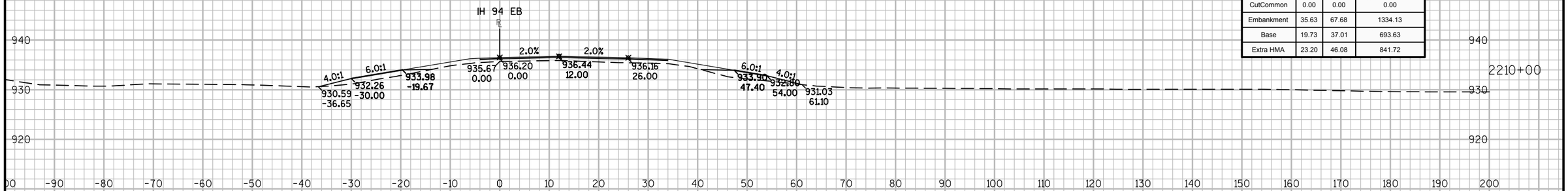
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 648	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (6)

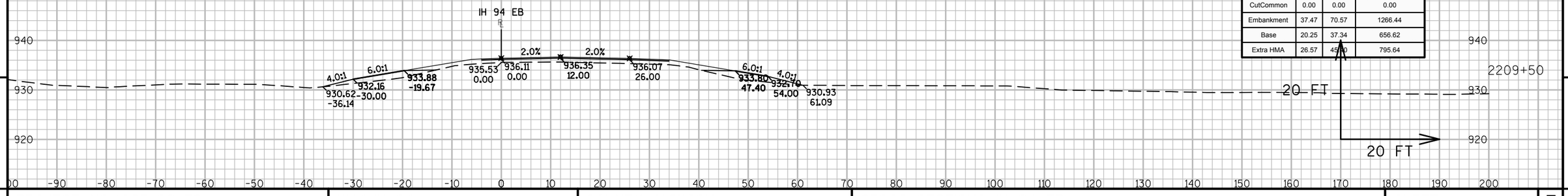
PLOT DATE : 10/20/2014 9:37 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2210+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	35.34	65.71	1399.84
Base	21.10	37.80	731.44
Extra HMA	25.39	44.99	886.72



Material(s) at Station 2210+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	35.63	67.68	1334.13
Base	19.73	37.01	693.63
Extra HMA	23.20	46.08	841.72

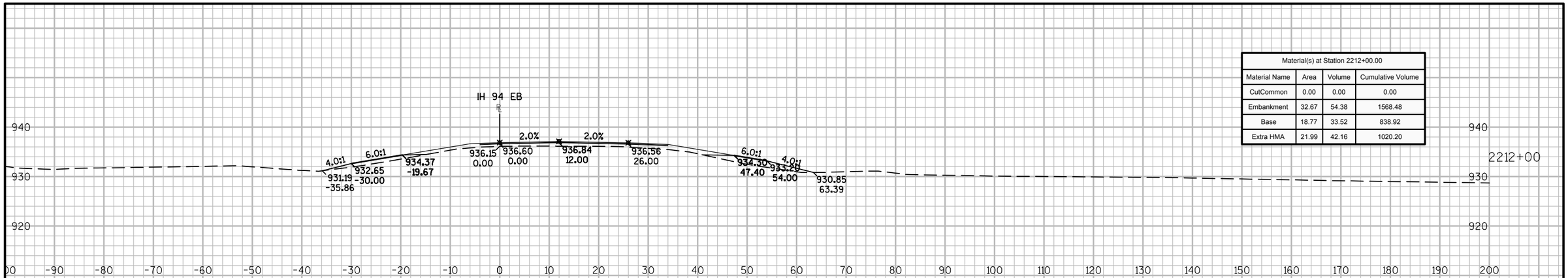


Material(s) at Station 2209+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	37.47	70.57	1266.44
Base	20.25	37.34	656.62
Extra HMA	26.57	45.00	795.64

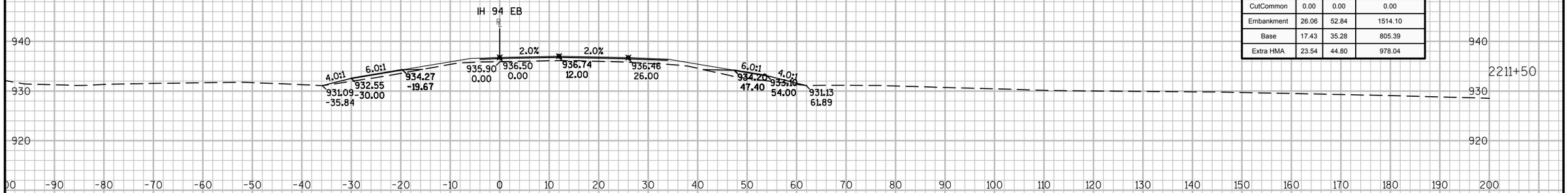
9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 649	E

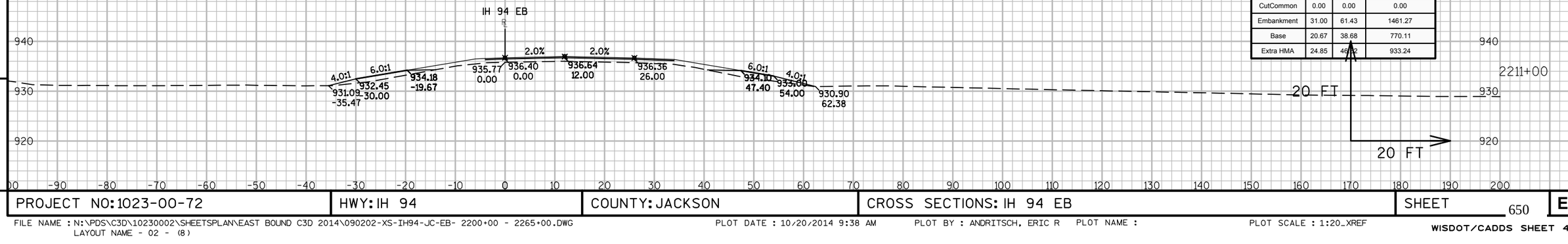
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (7)
PLOT DATE : 10/20/2014 9:38 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2212+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	32.67	54.38	1568.48
Base	18.77	33.52	838.92
Extra HMA	21.99	42.16	1020.20



Material(s) at Station 2211+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	26.06	52.84	1514.10
Base	17.43	35.28	805.39
Extra HMA	23.54	44.80	978.04



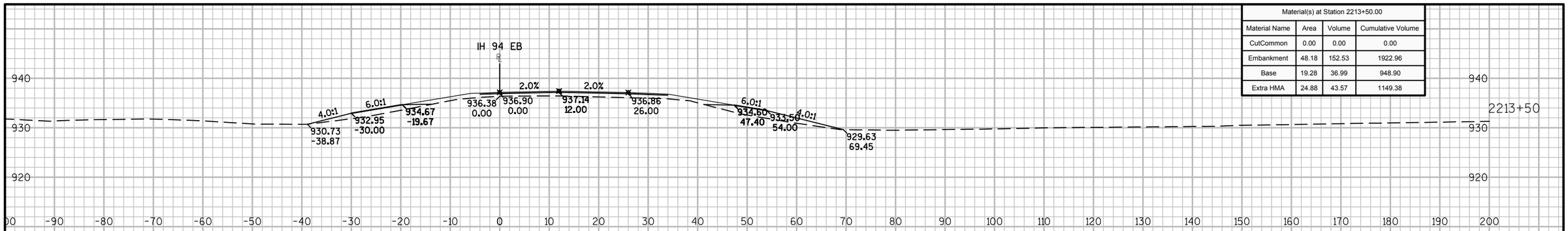
Material(s) at Station 2211+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	31.00	61.43	1461.27
Base	20.67	38.68	770.11
Extra HMA	24.85	46.02	933.24

9 9

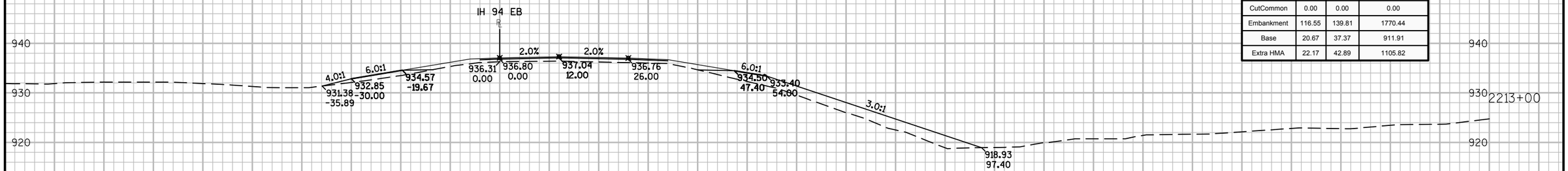
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 650	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (8)

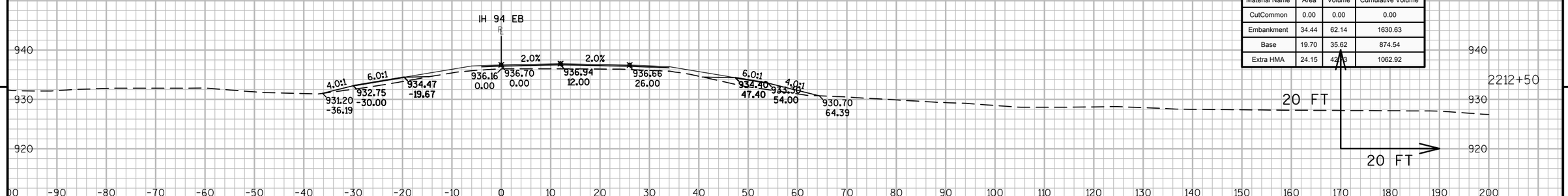
PLOT DATE : 10/20/2014 9:38 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2213+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	48.18	152.53	1922.96
Base	19.28	36.99	948.90
Extra HMA	24.88	43.57	1149.38



Material(s) at Station 2213+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	116.55	139.81	1770.44
Base	20.67	37.37	911.91
Extra HMA	22.17	42.89	1105.82



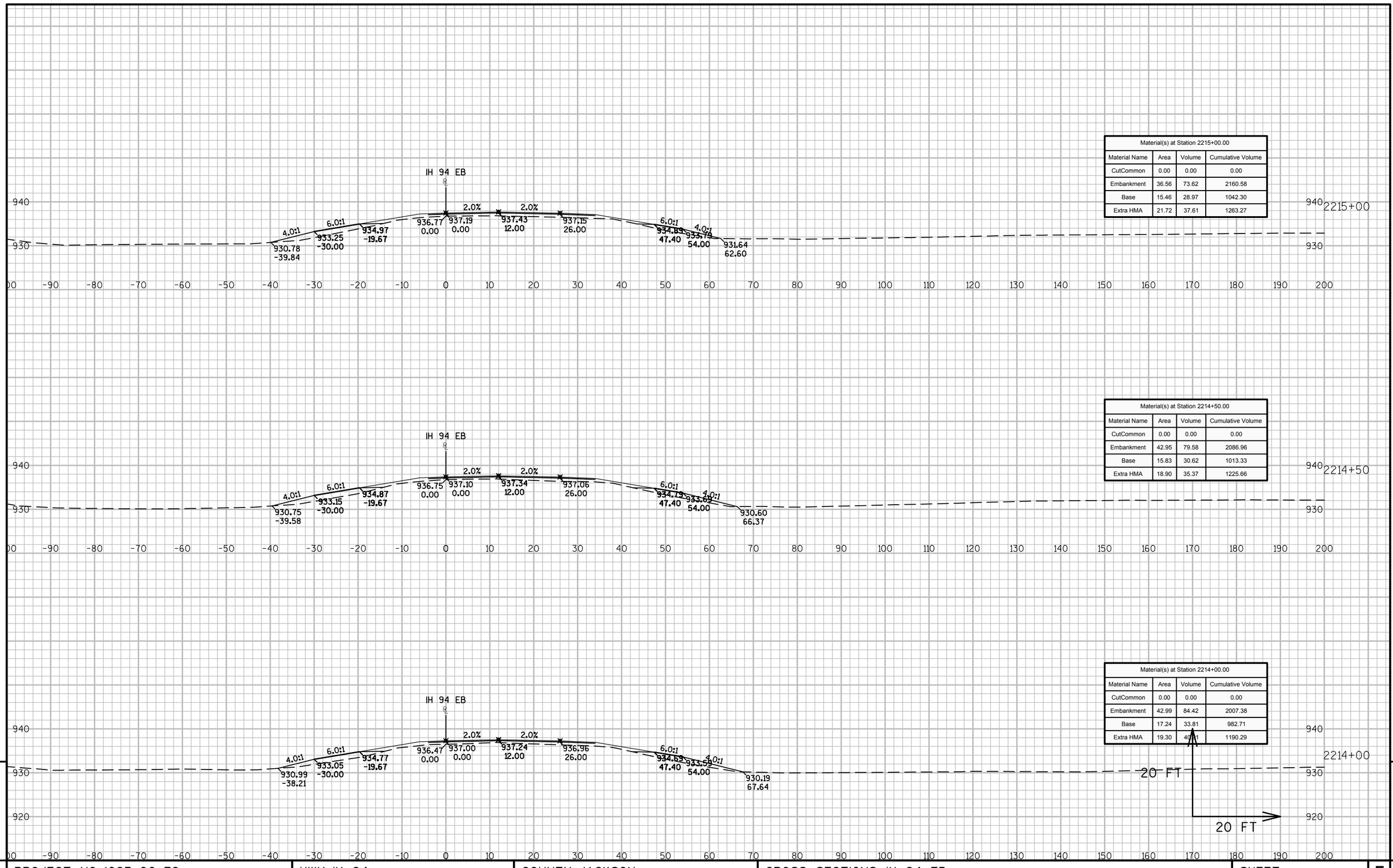
Material(s) at Station 2212+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	34.44	62.14	1630.63
Base	19.70	35.62	874.54
Extra HMA	24.15	42.13	1062.92

9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 651	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (9)
PLOT DATE : 10/20/2014 9:38 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2215+00.00

Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	36.56	73.62	2160.58
Base	15.46	28.97	1042.30
Extra HMA	21.72	37.61	1263.27

Material(s) at Station 2214+50.00

Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	42.95	79.58	2086.96
Base	15.83	30.62	1013.33
Extra HMA	18.90	35.37	1225.66

Material(s) at Station 2214+00.00

Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	42.99	84.42	2007.38
Base	17.24	33.81	982.71
Extra HMA	19.30	40.31	1190.29

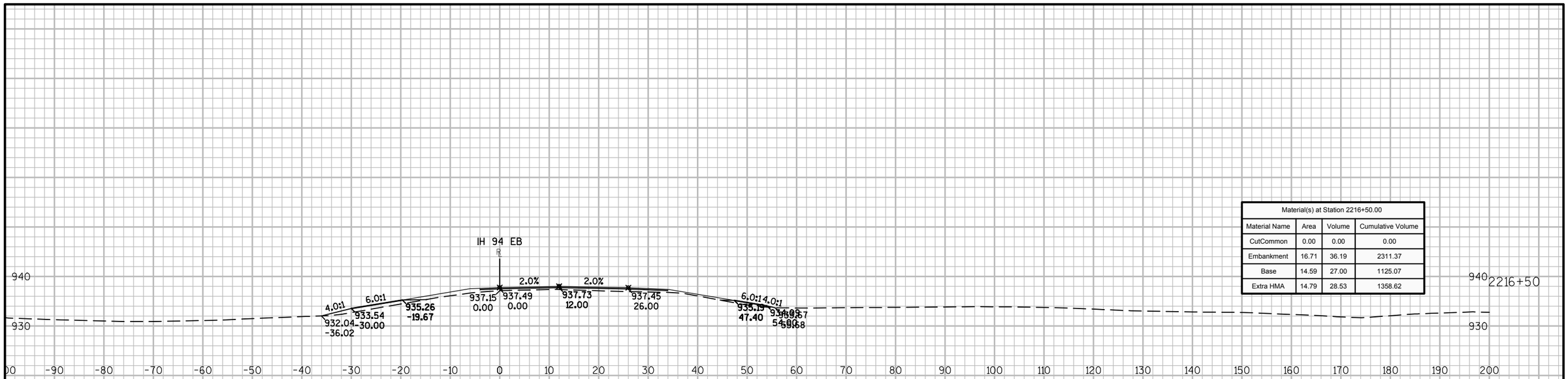
9

9

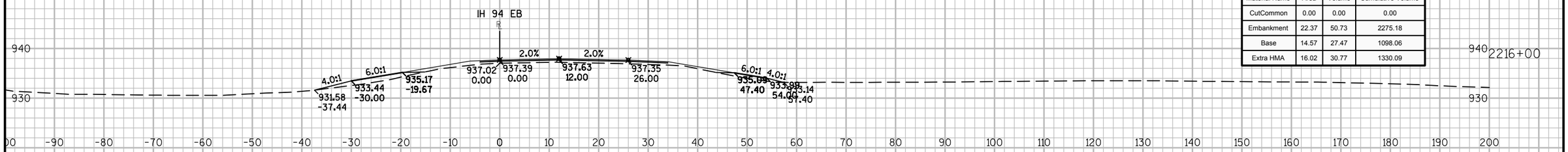
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 652	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (10)

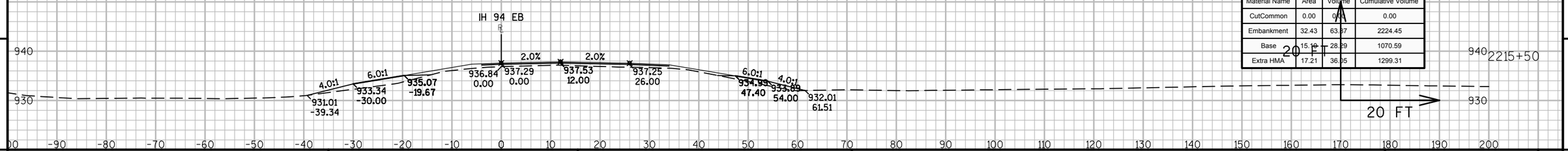
PLOT DATE : 10/20/2014 9:38 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2216+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	16.71	36.19	2311.37
Base	14.59	27.00	1125.07
Extra HMA	14.79	28.53	1358.62



Material(s) at Station 2216+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	22.37	50.73	2275.18
Base	14.57	27.47	1098.06
Extra HMA	16.02	30.77	1330.09



Material(s) at Station 2215+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	32.43	63.37	2224.45
Base	15.10	28.29	1070.59
Extra HMA	17.21	36.05	1299.31

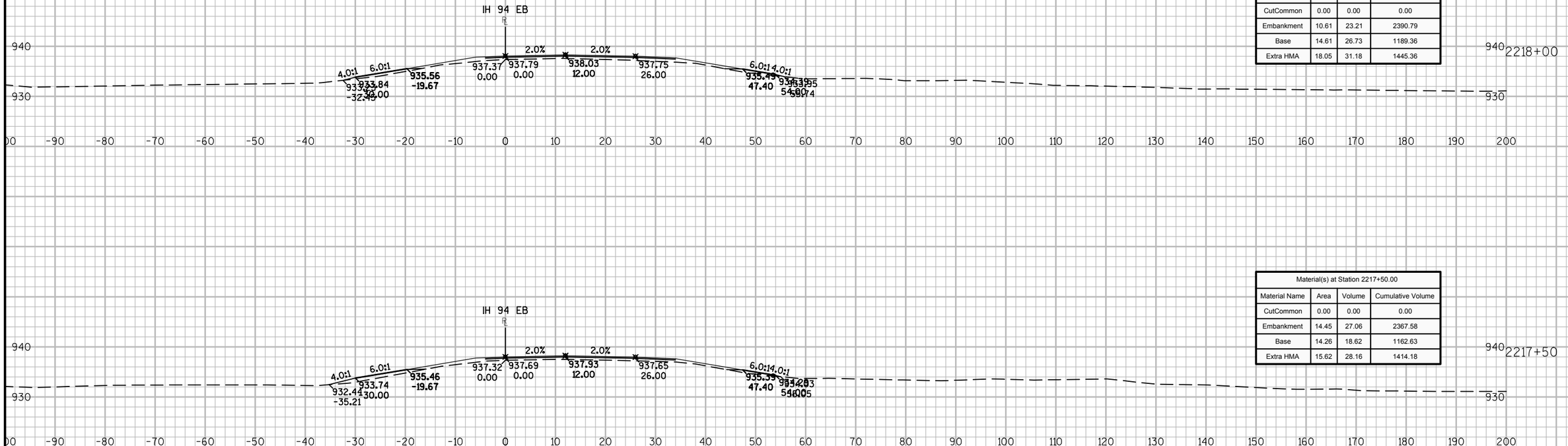
9

9

PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 653 | E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (11)

PLOT DATE : 10/20/2014 9:38 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2218+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	10.61	23.21	2390.79
Base	14.61	26.73	1189.36
Extra HMA	18.05	31.18	1445.36

Material(s) at Station 2217+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	14.45	27.06	2367.58
Base	14.26	18.62	1162.63
Extra HMA	15.62	28.16	1414.18

Material(s) at Station 2217+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	14.77	29.15	2340.52
Base	5.86	18.94	1144.00
Extra HMA	14.79	27.40	1386.01

9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 654 E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (12)
PLOT DATE : 10/20/2014 9:38 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49

Material(s) at Station 2219+50.00

Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	21.90	34.56	2467.52
Base	15.34	22.75	1260.74
Extra HMA	18.22	30.68	1534.71

Material(s) at Station 2219+00.00

Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	15.43	23.31	2432.95
Base	9.23	21.83	1237.99
Extra HMA	14.91	27.88	1504.04

Material(s) at Station 2218+50.00

Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	9.75	18.85	2409.64
Base	14.34	26.81	1216.16
Extra HMA	15.20	30.79	1476.15

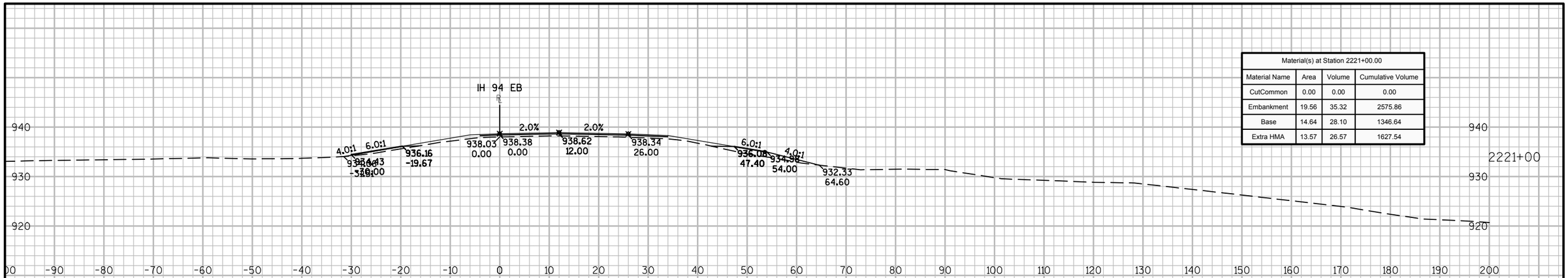
9

9

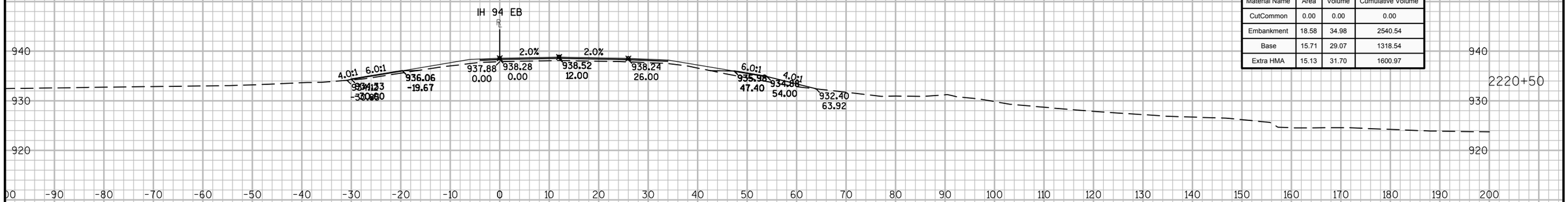
PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 655 | E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (13)

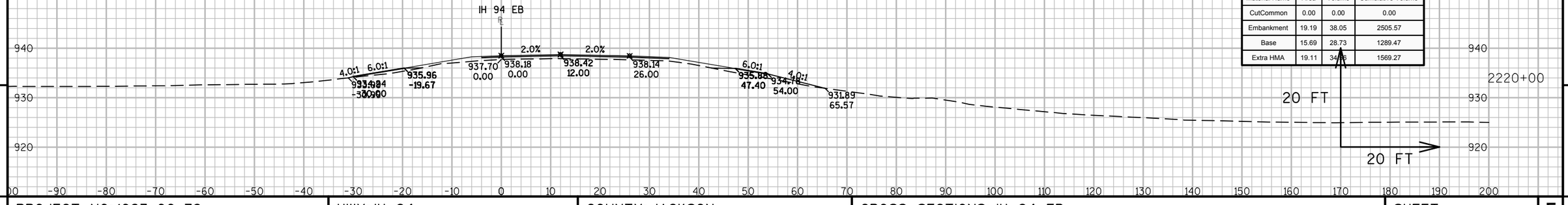
PLOT DATE : 10/20/2014 9:38 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2221+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	19.56	35.32	2575.86
Base	14.64	28.10	1346.64
Extra HMA	13.57	26.57	1627.54



Material(s) at Station 2220+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	18.58	34.98	2540.54
Base	15.71	29.07	1318.54
Extra HMA	15.13	31.70	1600.97

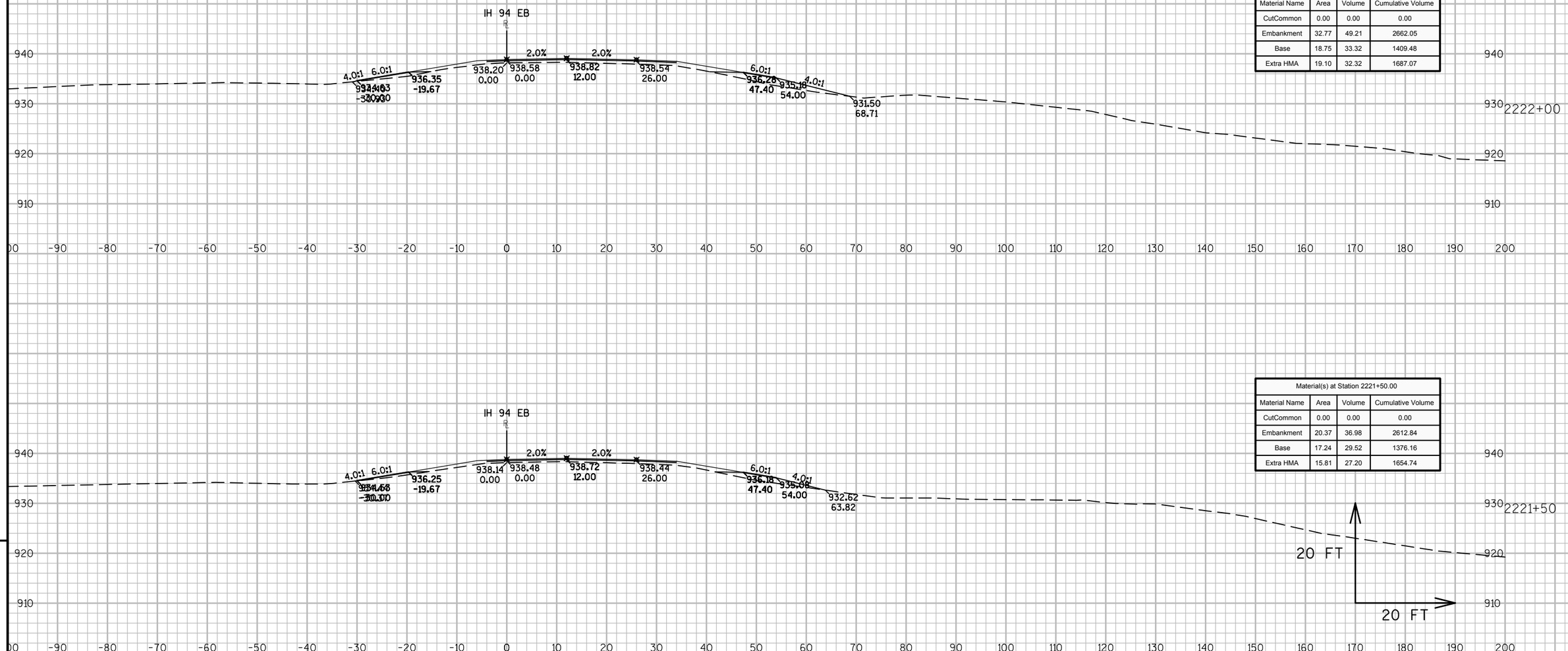


Material(s) at Station 2220+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	19.19	38.05	2505.57
Base	15.69	28.73	1289.47
Extra HMA	19.11	34.78	1569.27

9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 656	E



Material(s) at Station 2222+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	32.77	49.21	2662.05
Base	18.75	33.32	1409.48
Extra HMA	19.10	32.32	1687.07

Material(s) at Station 2221+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	20.37	36.98	2612.84
Base	17.24	29.52	1376.16
Extra HMA	15.81	27.20	1654.74

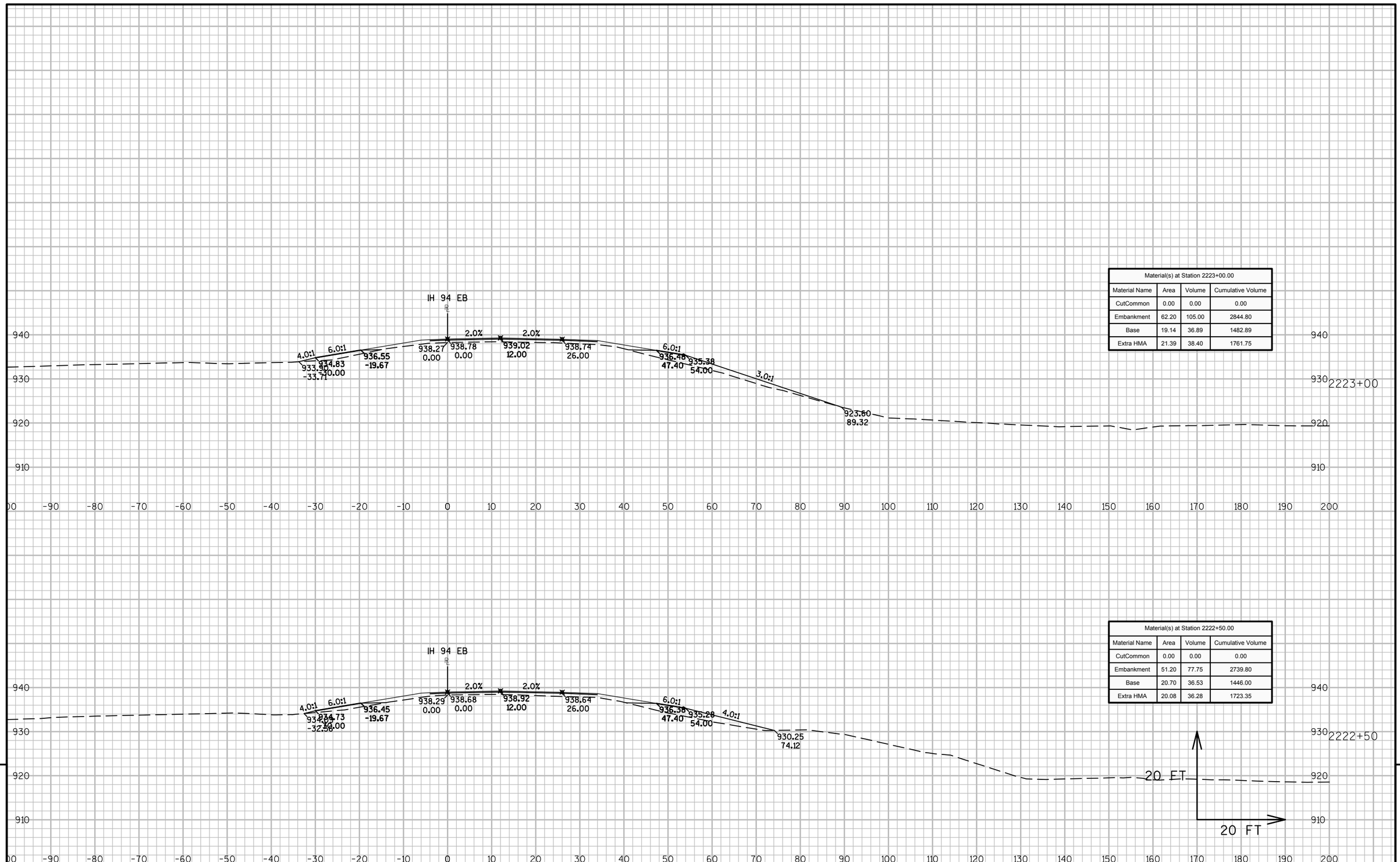
9

9

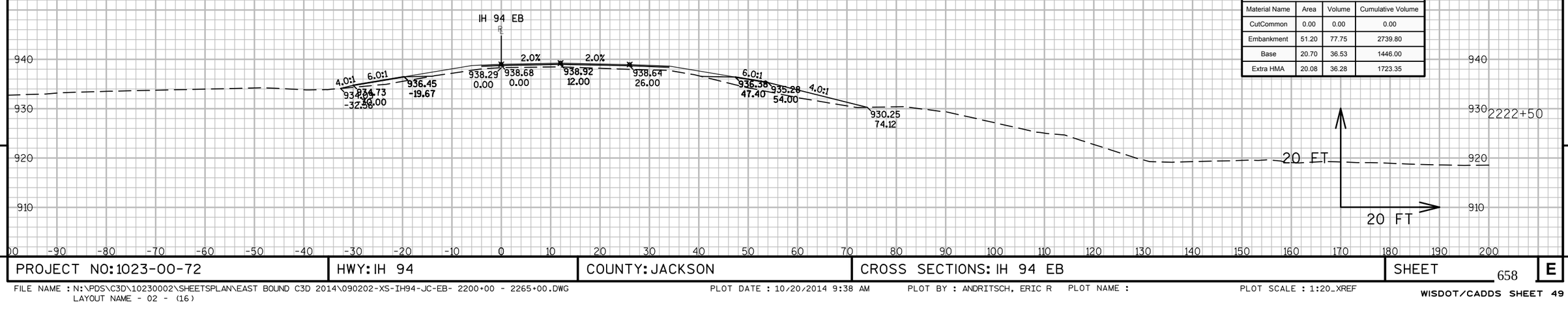
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 657	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (15)

PLOT DATE : 10/20/2014 9:38 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2223+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	62.20	105.00	2844.80
Base	19.14	36.89	1482.89
Extra HMA	21.39	38.40	1761.75

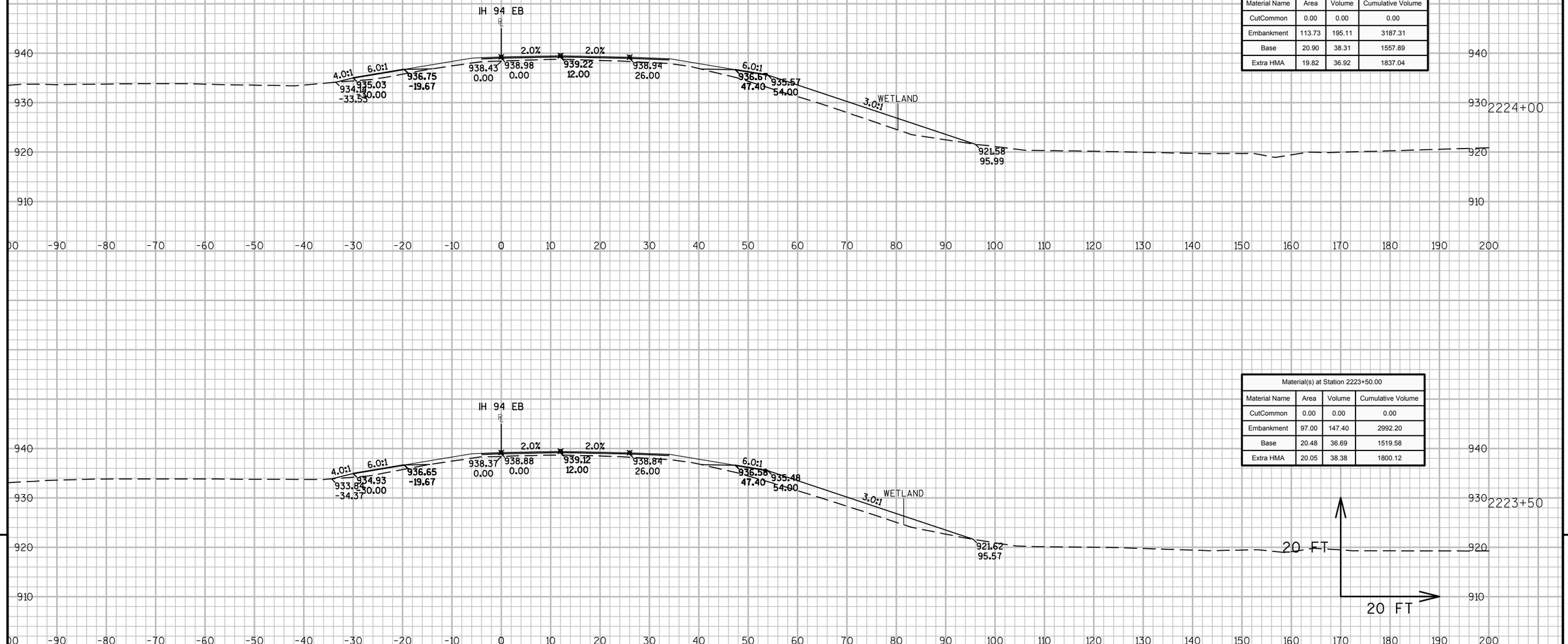


Material(s) at Station 2222+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	51.20	77.75	2739.80
Base	20.70	36.53	1446.00
Extra HMA	20.08	36.28	1723.35

9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 658	E



Material(s) at Station 2223+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	97.00	147.40	2992.20
Base	20.48	36.69	1519.58
Extra HMA	20.05	38.38	1800.12

Material(s) at Station 2224+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	113.73	195.11	3187.31
Base	20.90	38.31	1557.89
Extra HMA	19.82	36.92	1837.04

9

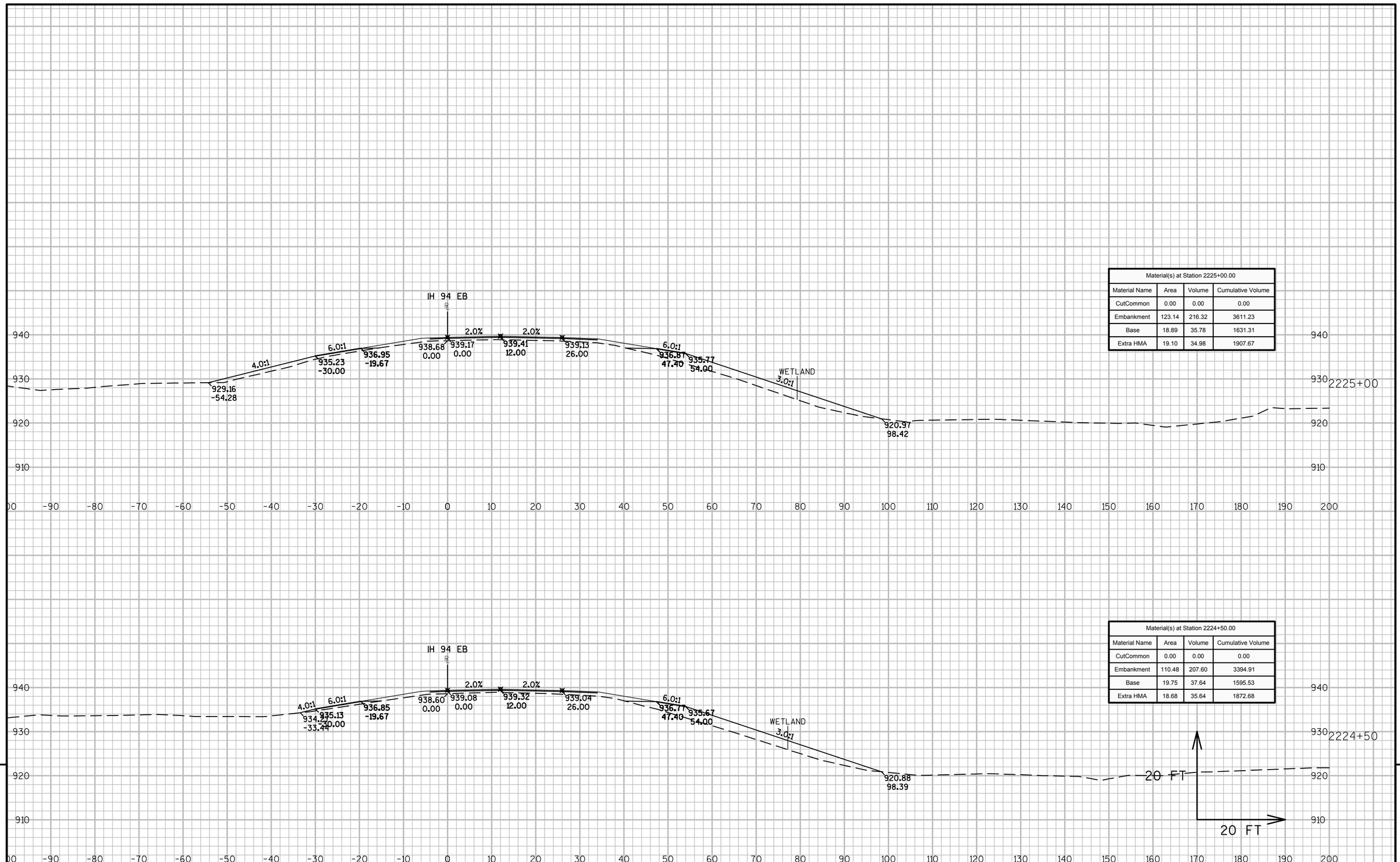
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 659	E

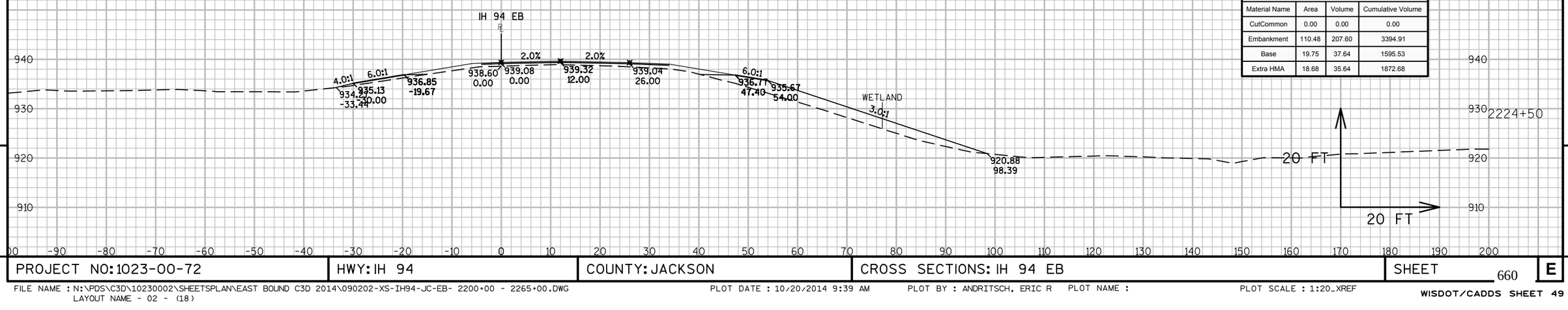
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (17)

PLOT DATE : 10/20/2014 9:39 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2225+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	123.14	216.32	3611.23
Base	18.89	35.78	1631.31
Extra HMA	19.10	34.98	1907.67



Material(s) at Station 2224+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	110.48	207.60	3394.91
Base	19.75	37.64	1595.53
Extra HMA	18.68	35.64	1872.68

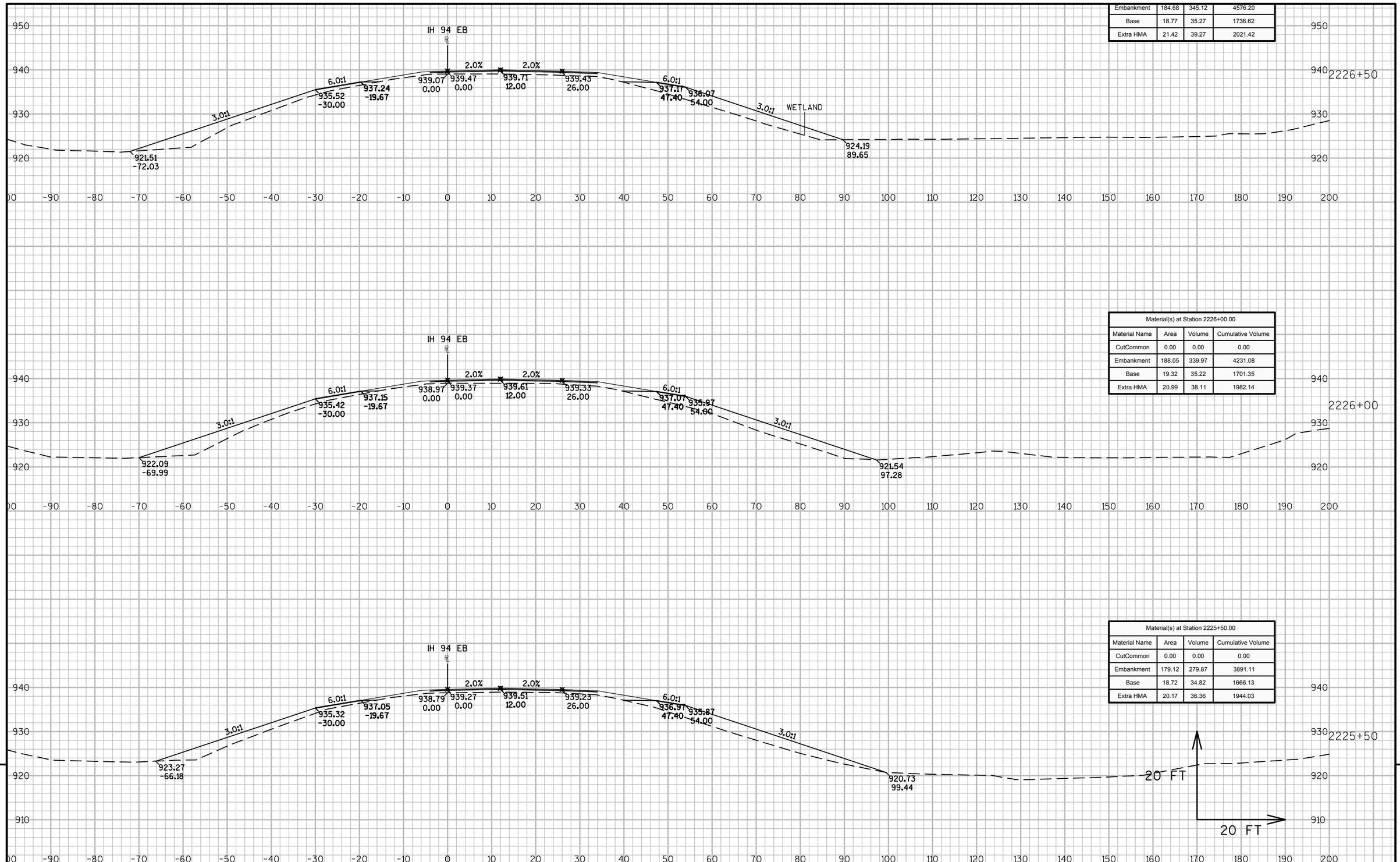
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 660	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (18)

PLOT DATE : 10/20/2014 9:39 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Embankment	184.68	345.12	4576.20
Base	18.77	35.27	1736.62
Extra HMA	21.42	39.27	2021.42

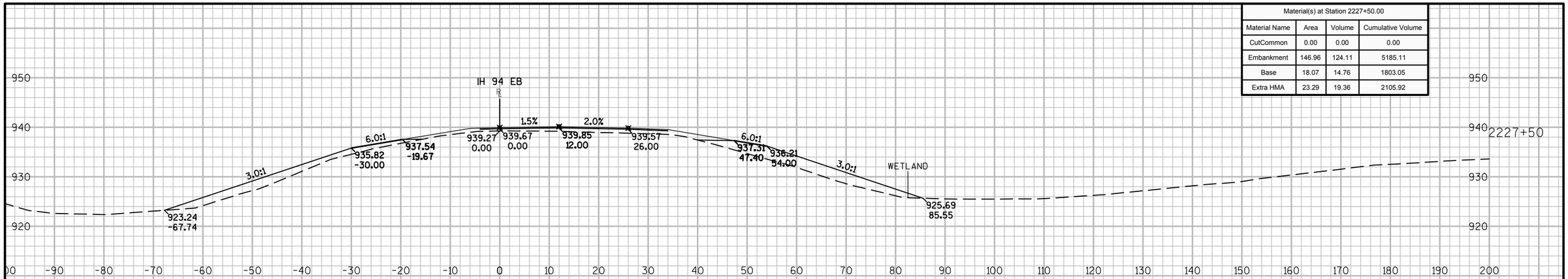
Material(s) at Station 2226+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	188.05	339.97	4231.08
Base	19.32	35.22	1701.35
Extra HMA	20.99	38.11	1982.14

Material(s) at Station 2225+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	179.12	279.87	3891.11
Base	18.72	34.82	1666.13
Extra HMA	20.17	36.36	1944.03

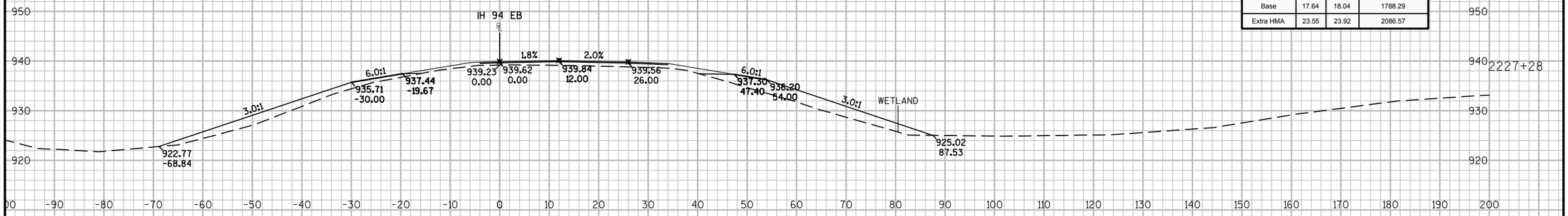
9

9

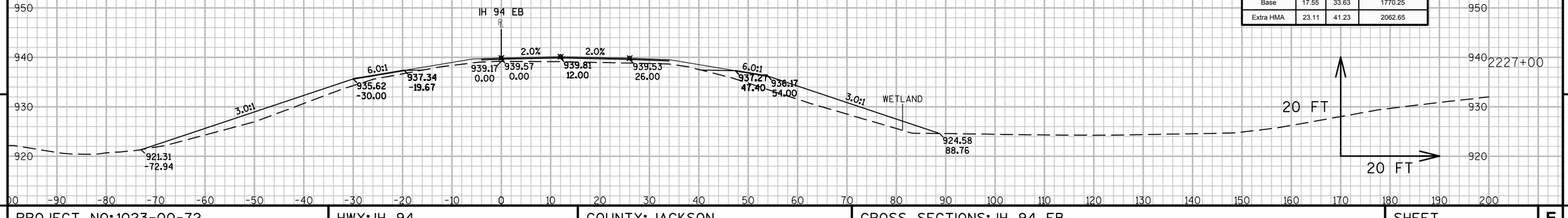
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 661	E



Material(s) at Station 2227+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	146.96	124.11	5185.11
Base	18.07	14.76	1803.05
Extra HMA	23.29	19.36	2105.92



Material(s) at Station 2227+27.69			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	153.38	162.44	5061.00
Base	17.64	18.04	1788.29
Extra HMA	23.55	23.92	2086.57



Material(s) at Station 2227+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	163.46	322.36	4898.56
Base	17.55	33.63	1770.25
Extra HMA	23.11	41.23	2062.65

9

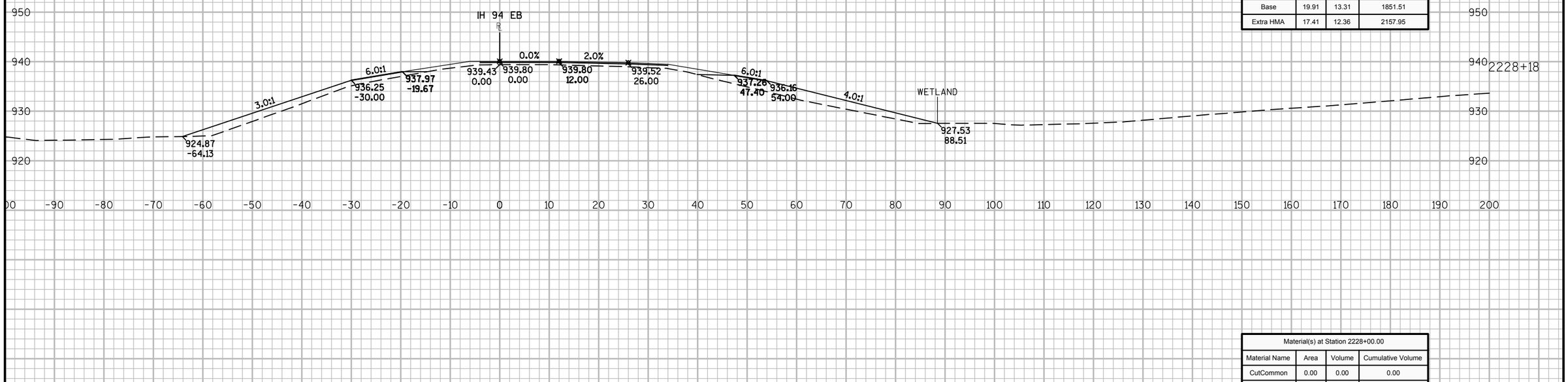
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 662	E

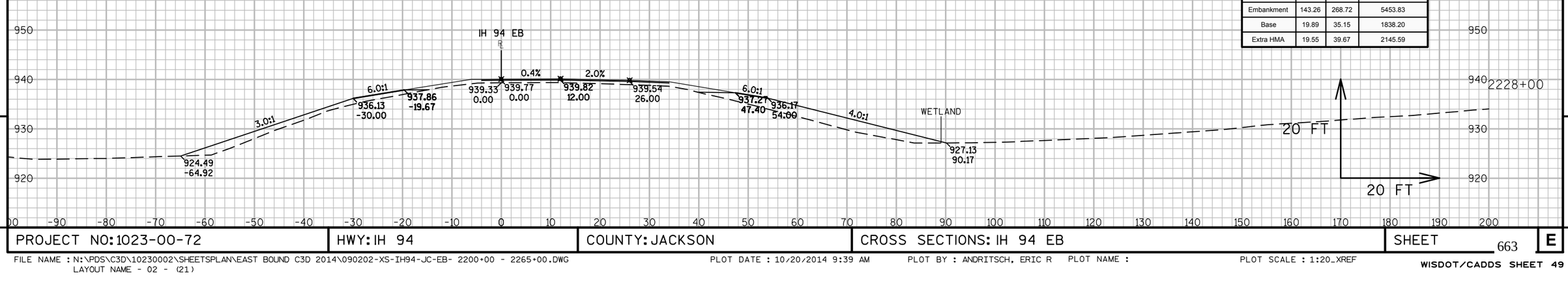
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (20)

PLOT DATE : 10/20/2014 9:39 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Material(s) at Station 2228+18.06			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	134.35	92.82	5546.65
Base	19.91	13.31	1851.51
Extra HMA	17.41	12.36	2157.95



Material(s) at Station 2228+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	143.26	268.72	5453.83
Base	19.89	35.15	1838.20
Extra HMA	19.55	39.67	2145.59



9

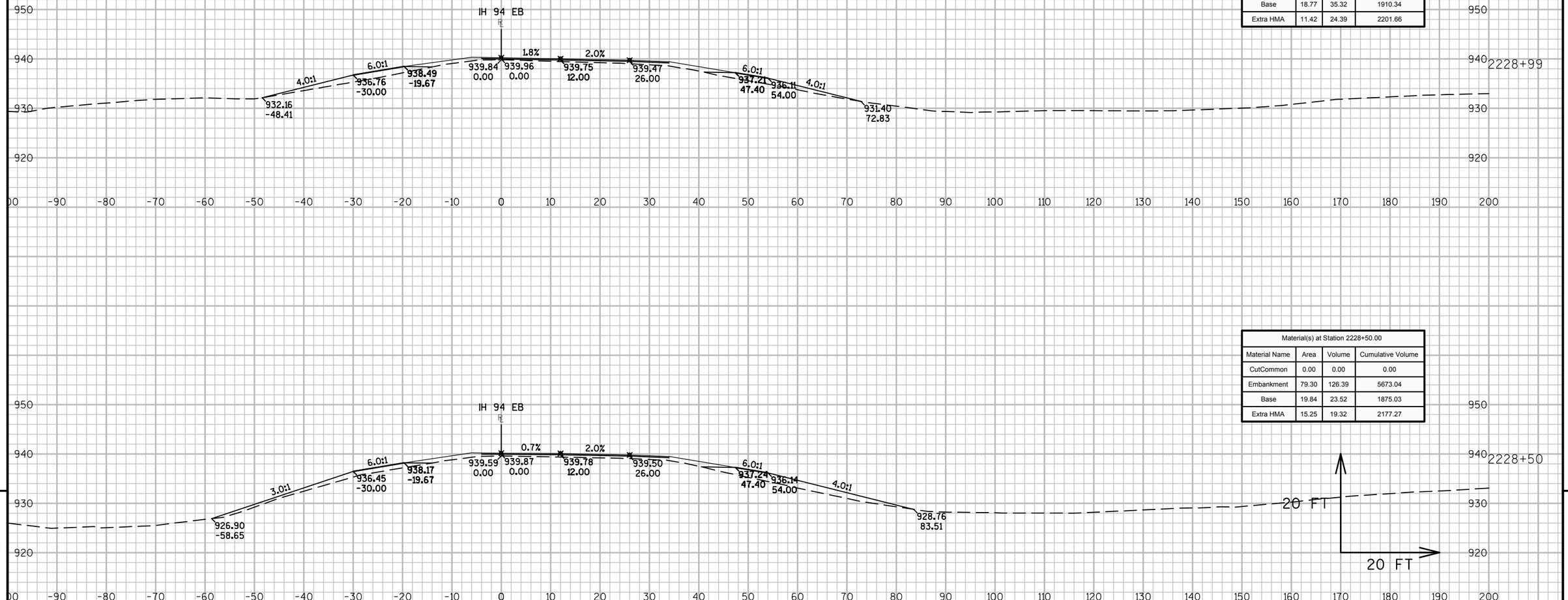
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 663	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (21)

PLOT DATE : 10/20/2014 9:39 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2228+99.39			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	54.83	122.68	5795.72
Base	18.77	35.32	1910.34
Extra HMA	11.42	24.39	2201.66

Material(s) at Station 2228+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	79.30	126.39	5673.04
Base	19.84	23.52	1875.03
Extra HMA	15.25	19.32	2177.27

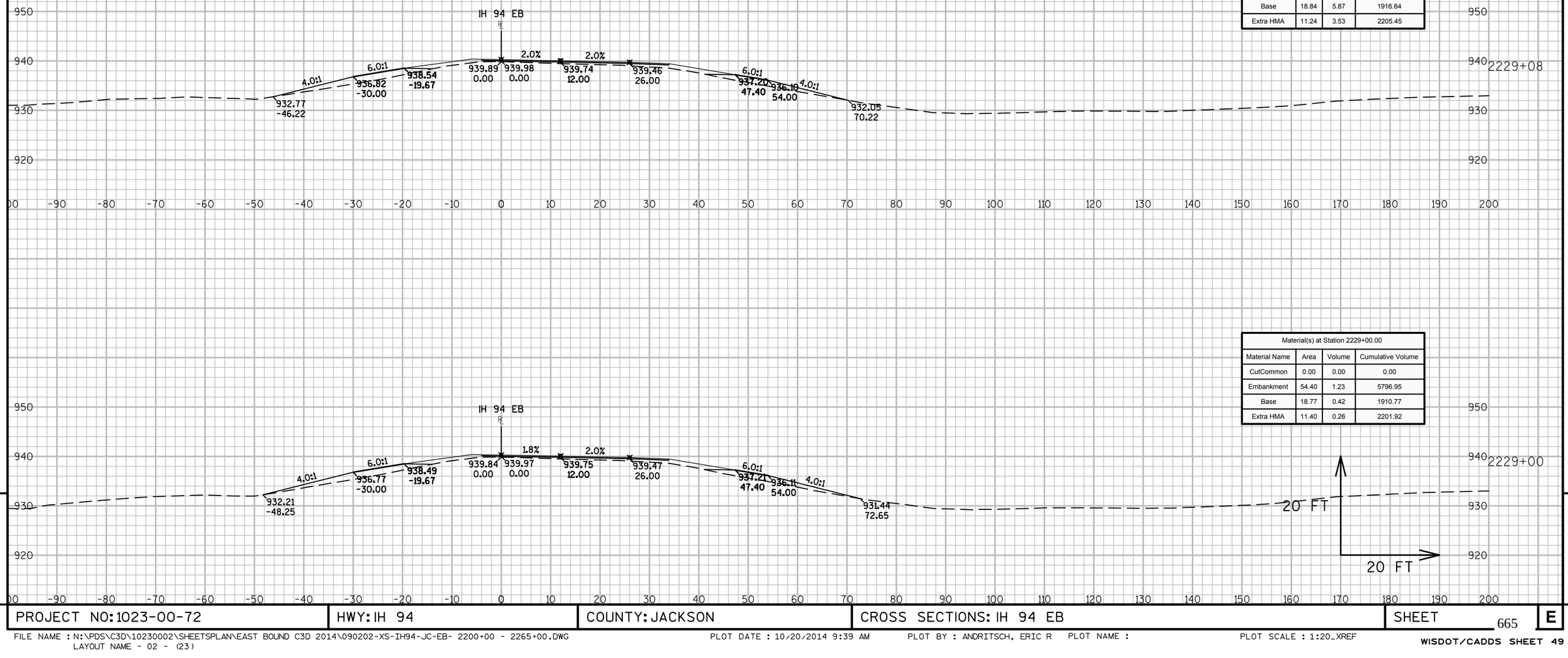
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 664 E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (22)

PLOT DATE : 10/20/2014 9:39 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2229+08.43			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	51.33	16.50	5813.45
Base	18.84	5.87	1916.64
Extra HMA	11.24	3.53	2205.45

Material(s) at Station 2229+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	54.40	1.23	5796.95
Base	18.77	0.42	1910.77
Extra HMA	11.40	0.26	2201.92

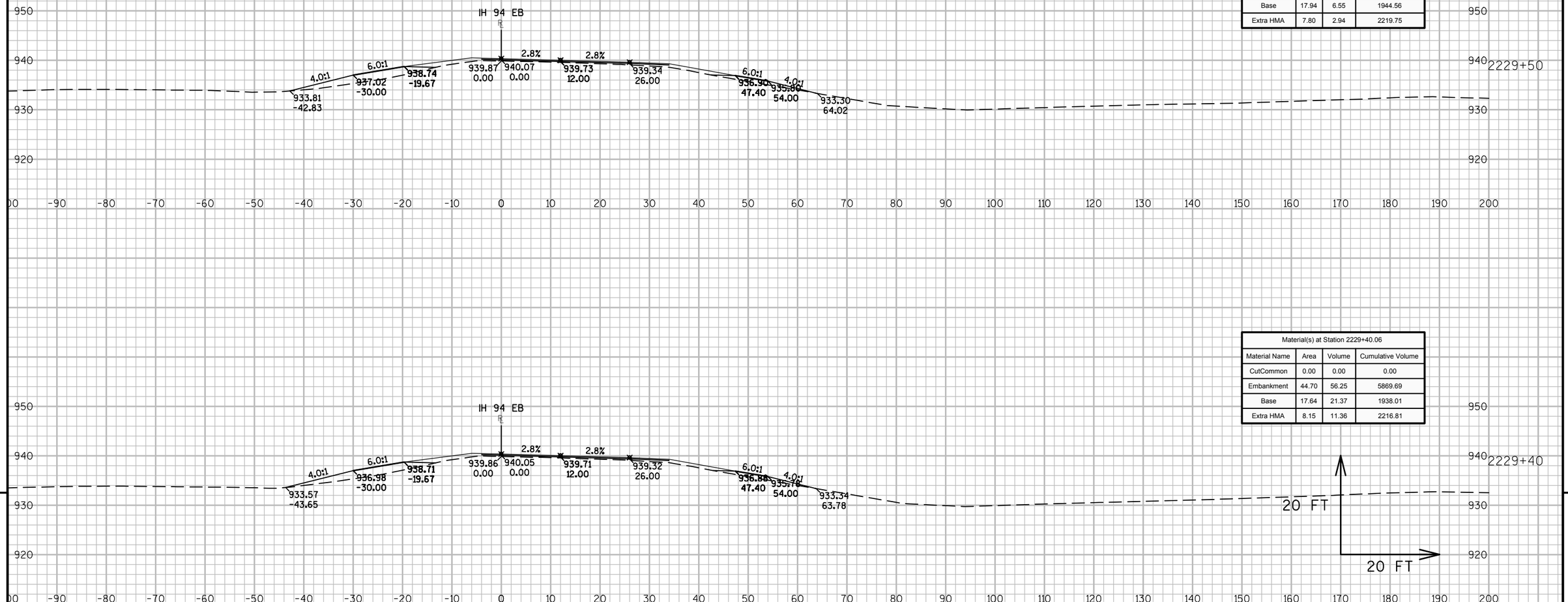
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 665	E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (23)

PLOT DATE : 10/20/2014 9:39 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2229+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	46.13	16.73	5886.42
Base	17.94	6.55	1944.56
Extra HMA	7.80	2.94	2219.75

Material(s) at Station 2229+40.06			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	44.70	56.25	5869.69
Base	17.64	21.37	1938.01
Extra HMA	8.15	11.36	2216.81

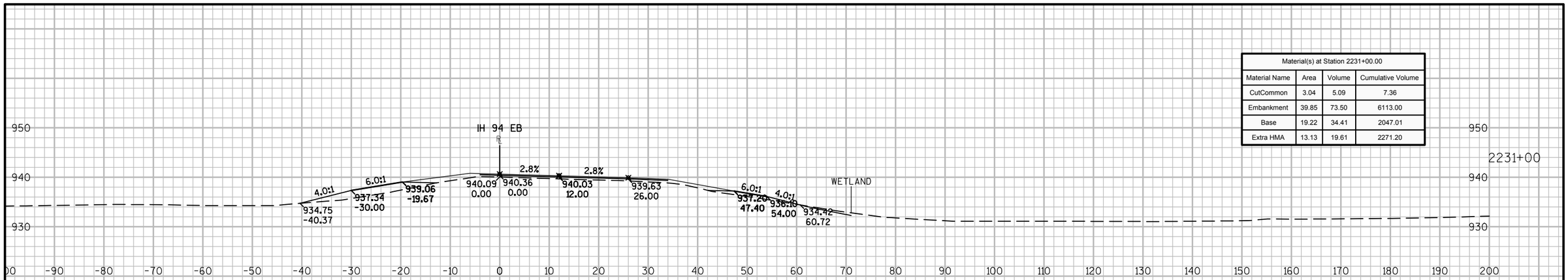
9

9

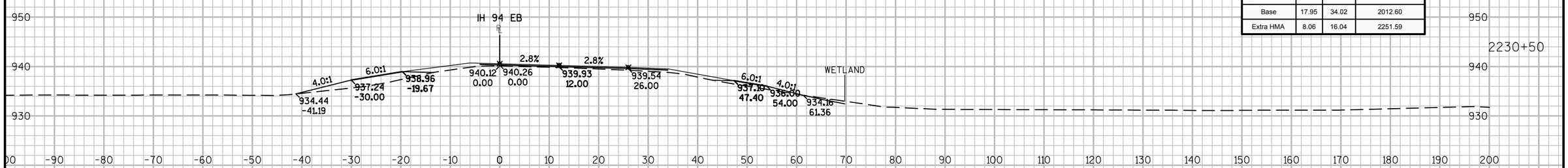
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 666 E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (24)

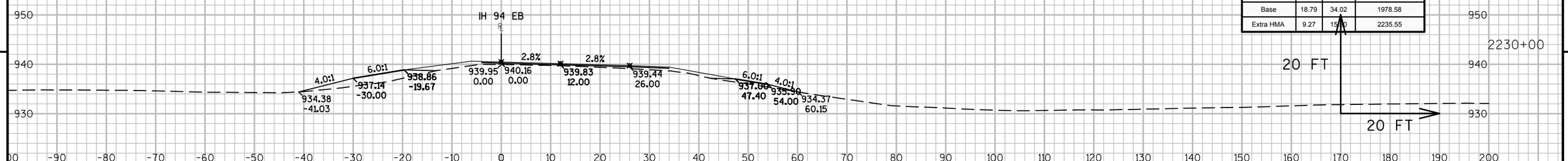
PLOT DATE : 10/20/2014 9:39 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2231+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	3.04	5.09	7.36
Embankment	39.85	73.50	6113.00
Base	19.22	34.41	2047.01
Extra HMA	13.13	19.61	2271.20



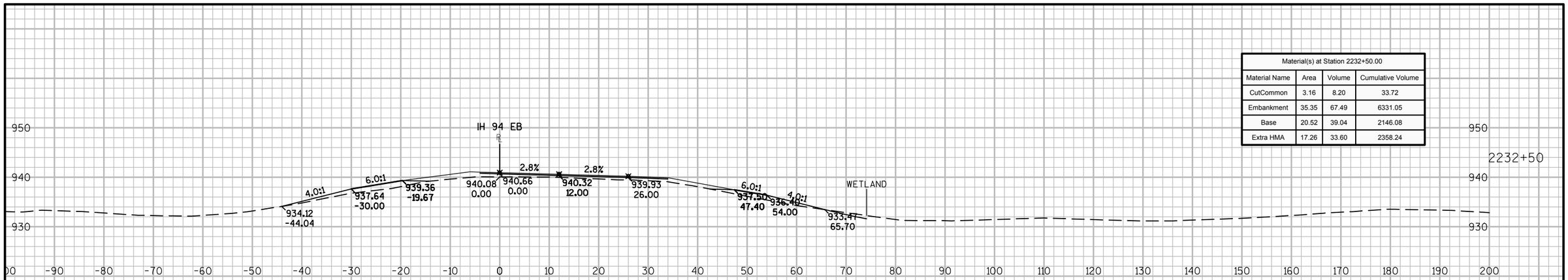
Material(s) at Station 2230+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	2.46	2.27	2.27
Embankment	39.54	73.48	6039.49
Base	17.95	34.02	2012.60
Extra HMA	8.06	16.04	2251.59



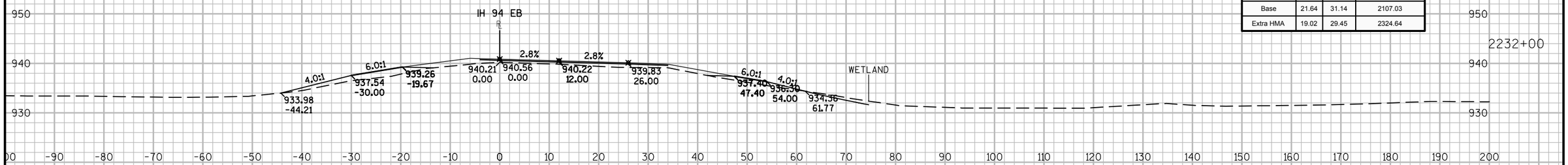
Material(s) at Station 2230+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	0.00
Embankment	39.83	79.59	5966.01
Base	18.79	34.02	1978.58
Extra HMA	9.27	15.98	2235.55

9 9

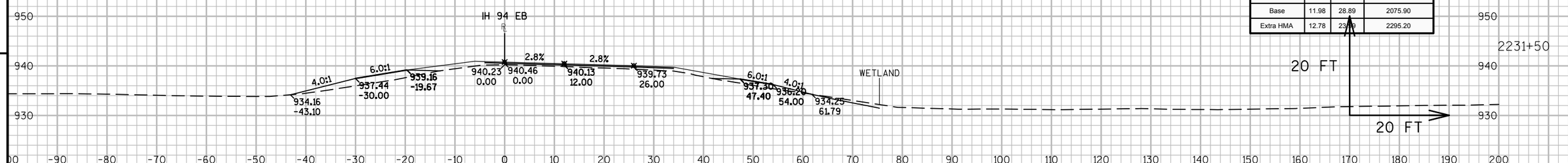
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 667 E



Material(s) at Station 2232+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	3.16	8.20	33.72
Embankment	35.35	67.49	6331.05
Base	20.52	39.04	2146.08
Extra HMA	17.26	33.60	2358.24



Material(s) at Station 2232+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	5.70	10.31	25.52
Embankment	37.54	74.21	6263.56
Base	21.64	31.14	2107.03
Extra HMA	19.02	29.45	2324.64

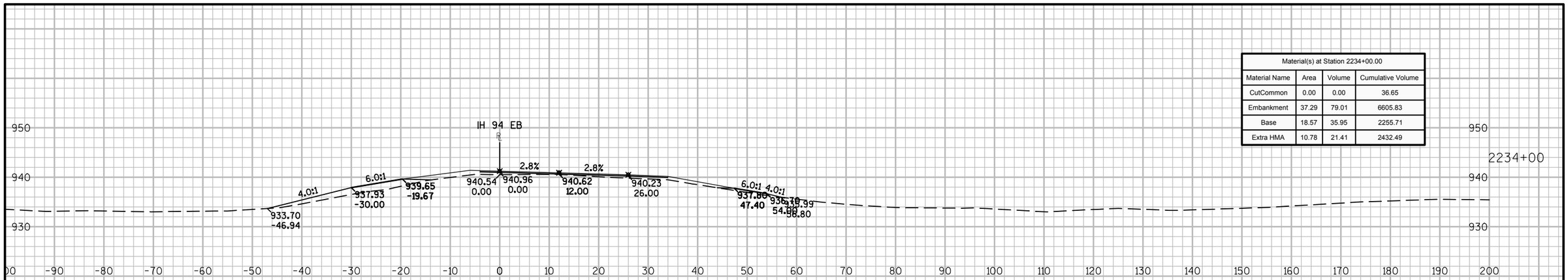


Material(s) at Station 2231+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	5.44	7.84	15.20
Embankment	42.61	76.35	6189.35
Base	11.98	28.89	2075.90
Extra HMA	12.78	23.68	2295.20

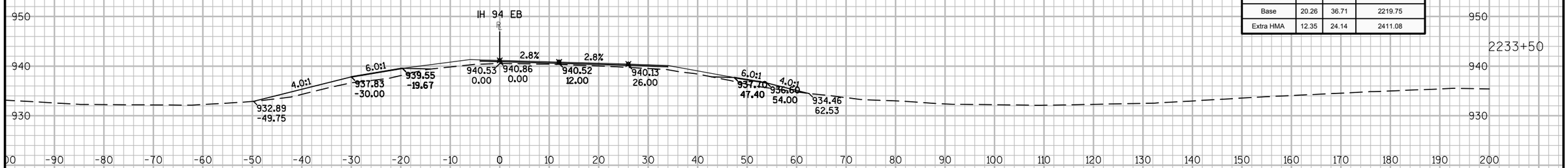
9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 668	E

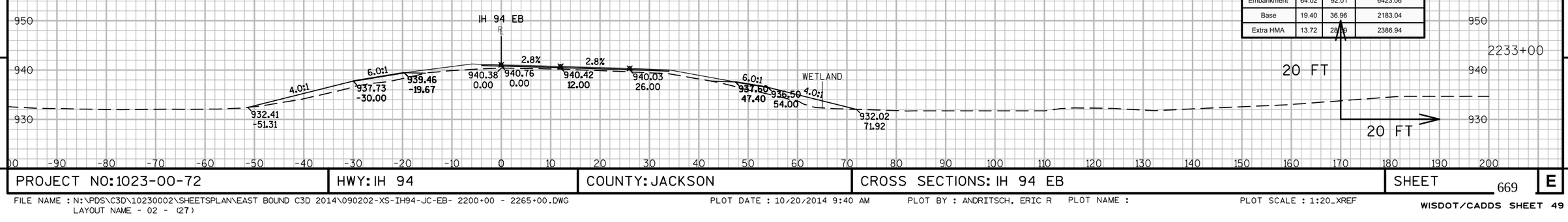
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (26)
PLOT DATE : 10/20/2014 9:39 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2234+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	37.29	79.01	6605.83
Base	18.57	35.95	2255.71
Extra HMA	10.78	21.41	2432.49



Material(s) at Station 2233+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	48.04	103.76	6526.82
Base	20.26	36.71	2219.75
Extra HMA	12.35	24.14	2411.08

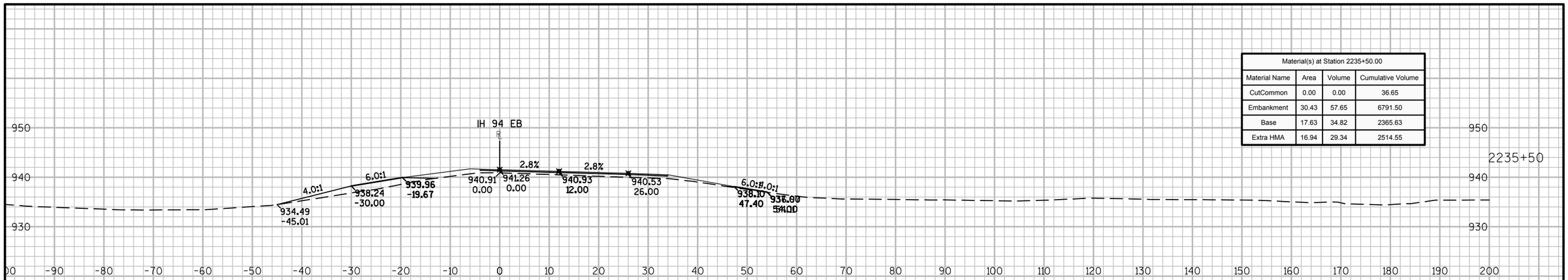


Material(s) at Station 2233+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	2.92	36.65
Embankment	64.02	92.01	6423.06
Base	19.40	36.96	2183.04
Extra HMA	13.72	28.08	2386.94

9

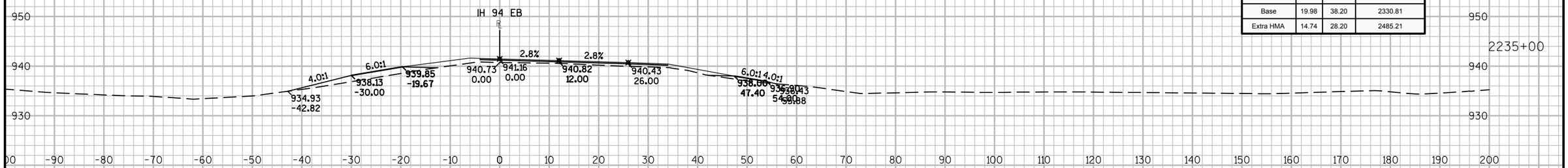
9

PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 669 | E



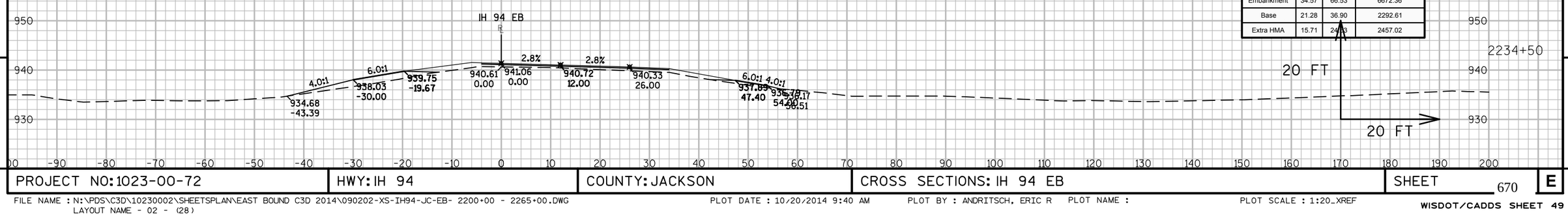
Material(s) at Station 2235+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	30.43	57.65	6791.50
Base	17.63	34.82	2365.63
Extra HMA	16.94	29.34	2514.55

2235+50



Material(s) at Station 2235+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	31.84	61.49	6733.85
Base	19.98	38.20	2330.81
Extra HMA	14.74	28.20	2485.21

2235+00



Material(s) at Station 2234+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	34.57	66.53	6672.36
Base	21.28	36.90	2292.61
Extra HMA	15.71	24.83	2457.02

2234+50

20 FT

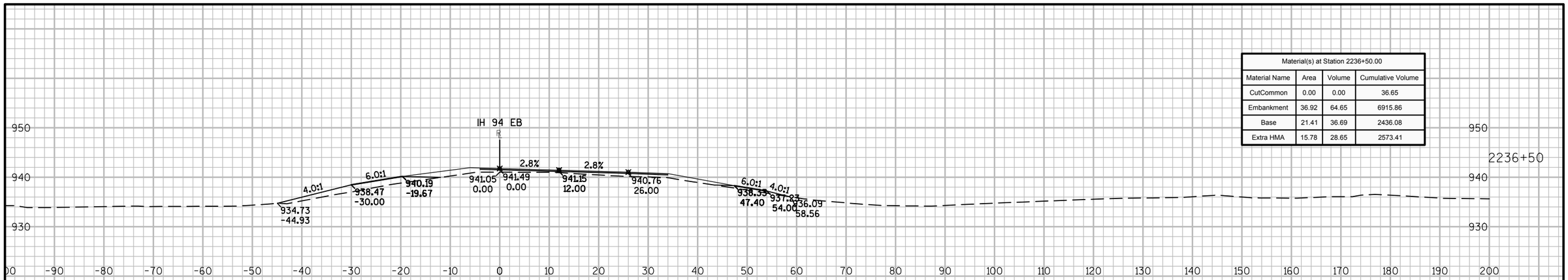
20 FT

9

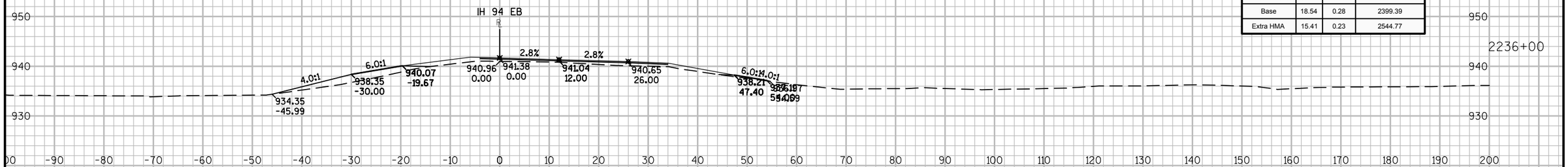
9

PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 670 E

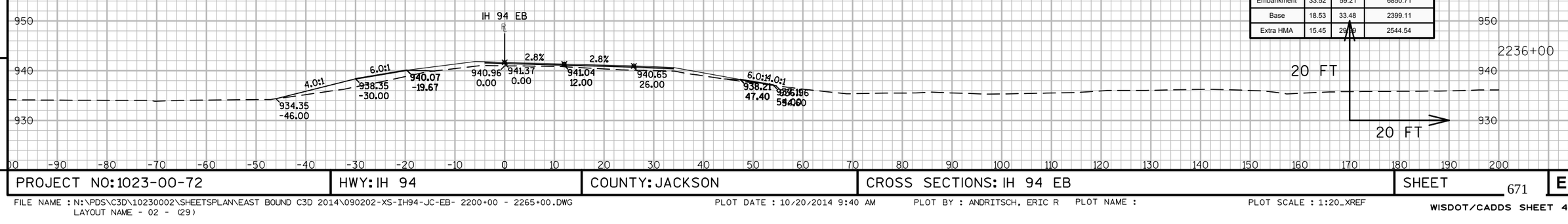
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (28)
PLOT DATE : 10/20/2014 9:40 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2236+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	36.92	64.65	6915.86
Base	21.41	36.69	2436.08
Extra HMA	15.78	28.65	2573.41



Material(s) at Station 2236+00.40			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	33.47	0.50	6851.21
Base	18.54	0.28	2399.39
Extra HMA	15.41	0.23	2544.77

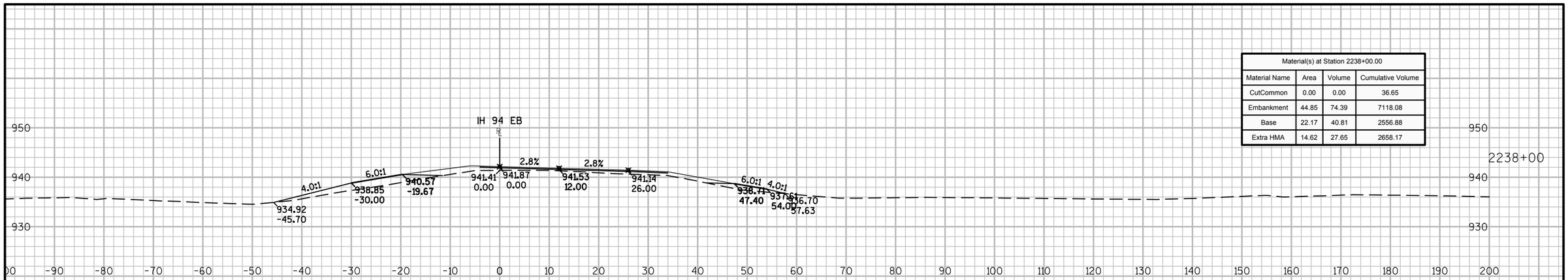


Material(s) at Station 2236+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	33.52	59.21	6850.71
Base	18.53	33.48	2399.11
Extra HMA	15.45	29.08	2544.54

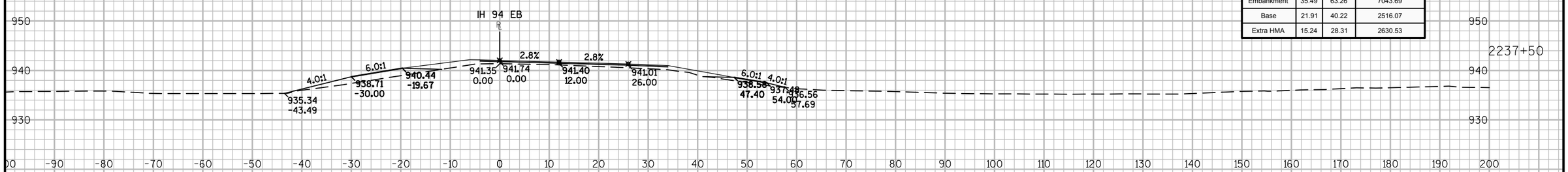
9

9

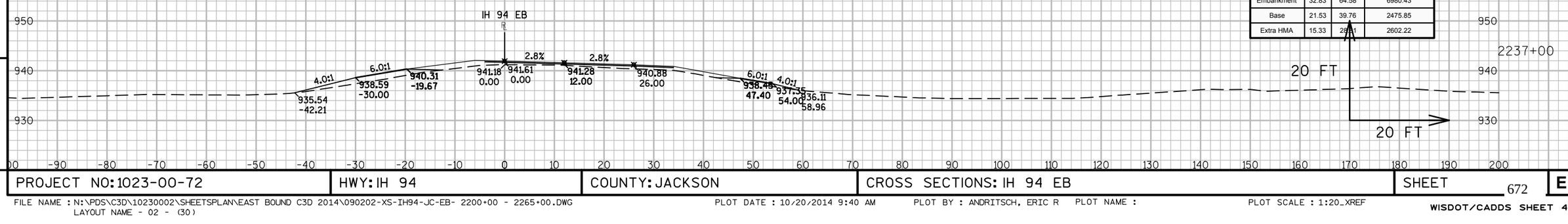
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 671	E



Material(s) at Station 2238+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	44.85	74.39	7118.08
Base	22.17	40.81	2556.88
Extra HMA	14.62	27.65	2658.17



Material(s) at Station 2237+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	35.49	63.26	7043.69
Base	21.91	40.22	2516.07
Extra HMA	15.24	28.31	2630.53



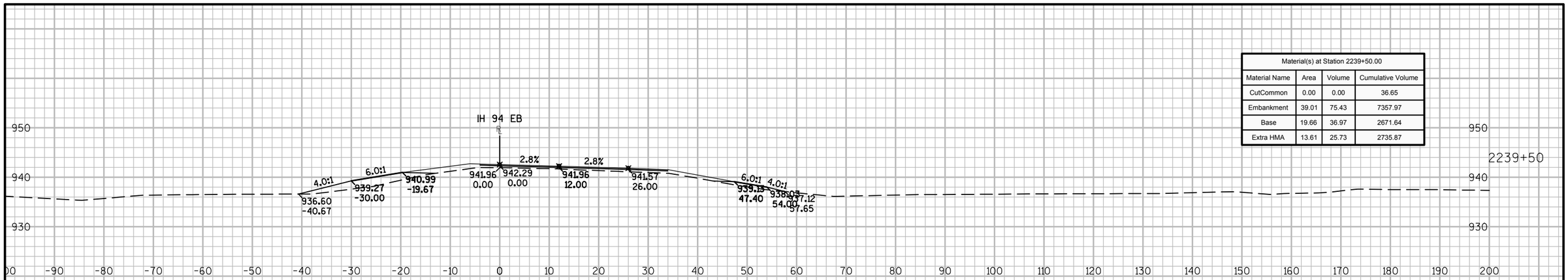
Material(s) at Station 2237+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	32.83	64.58	6980.43
Base	21.53	39.76	2475.85
Extra HMA	15.33	28.31	2602.22

9

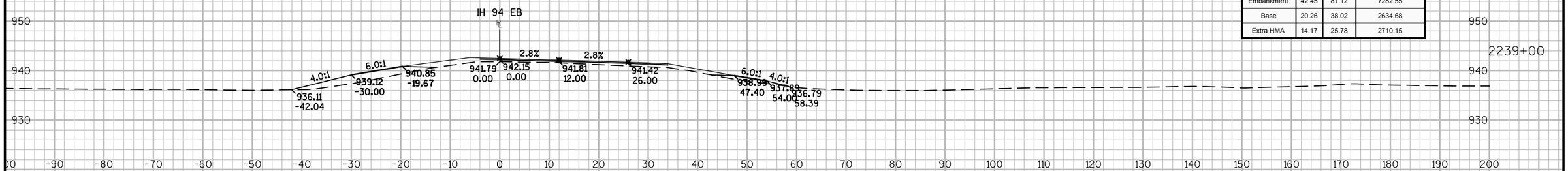
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 672	E

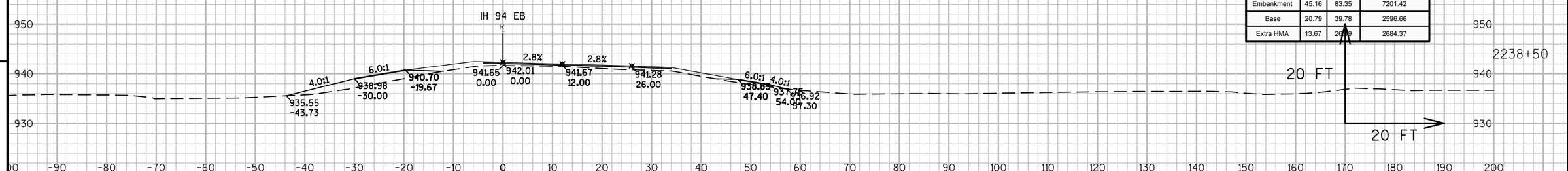
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (30)
PLOT DATE : 10/20/2014 9:40 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2239+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	39.01	75.43	7357.97
Base	19.66	36.97	2671.64
Extra HMA	13.61	25.73	2735.87



Material(s) at Station 2239+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	42.45	81.12	7282.55
Base	20.26	38.02	2634.68
Extra HMA	14.17	25.78	2710.15



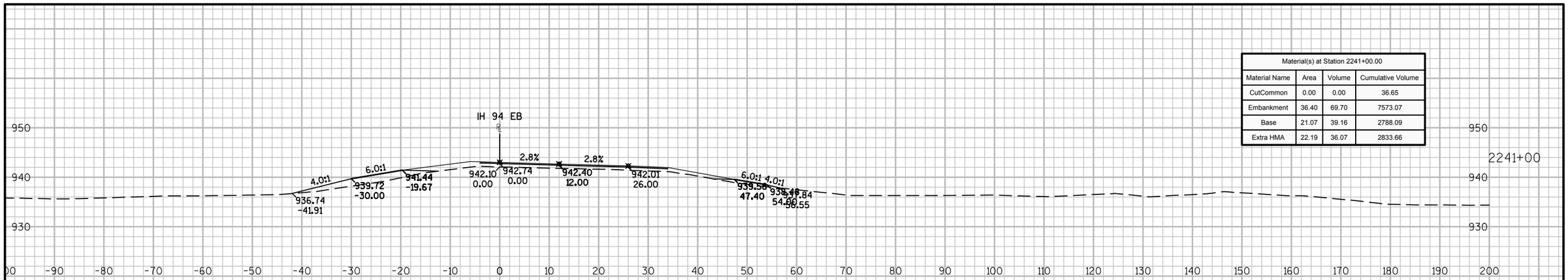
Material(s) at Station 2238+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	45.16	83.35	7201.42
Base	20.79	39.78	2596.66
Extra HMA	13.67	26.78	2684.37

9

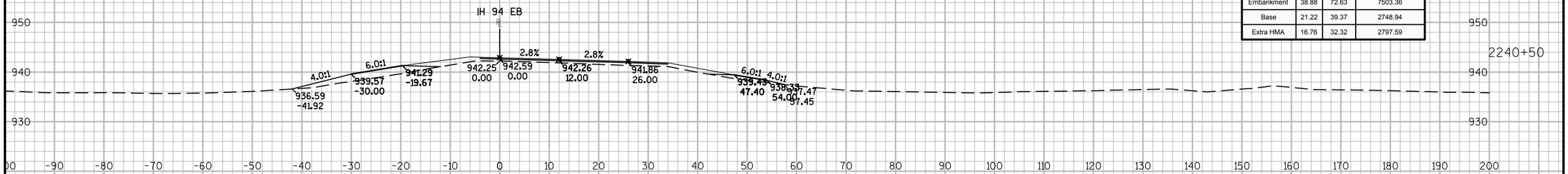
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 673	E

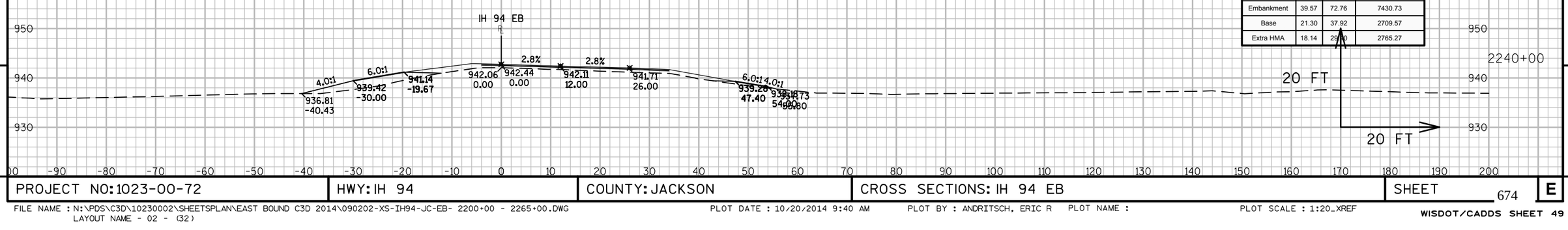
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (31)
PLOT DATE : 10/20/2014 9:40 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2241+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	36.40	69.70	7573.07
Base	21.07	39.16	2788.09
Extra HMA	22.19	36.07	2833.66



Material(s) at Station 2240+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	38.88	72.63	7503.36
Base	21.22	39.37	2748.94
Extra HMA	16.76	32.32	2797.59



Material(s) at Station 2240+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	39.57	72.76	7430.73
Base	21.30	37.92	2709.57
Extra HMA	18.14	29.78	2765.27

9

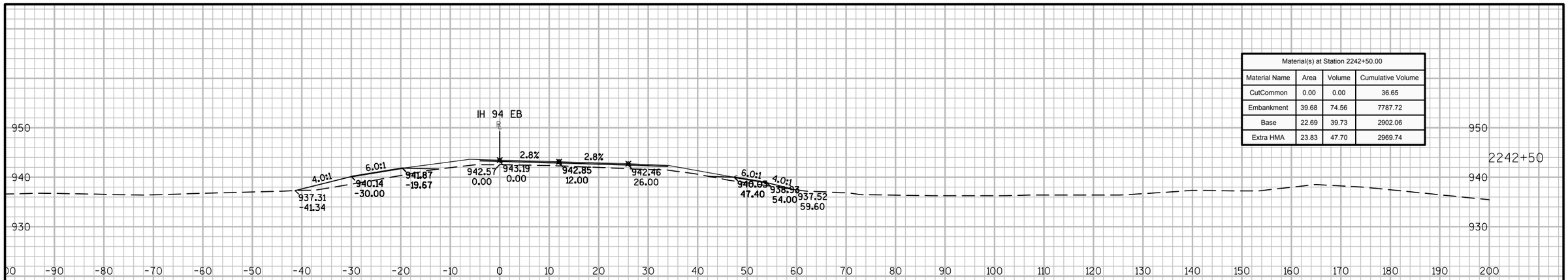
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 674	E

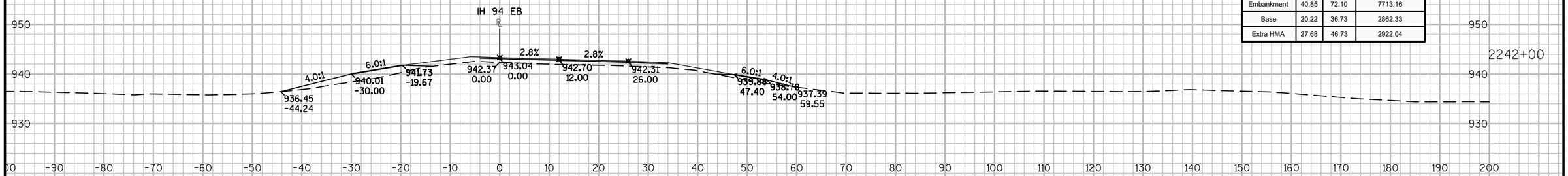
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (32)

PLOT DATE : 10/20/2014 9:40 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

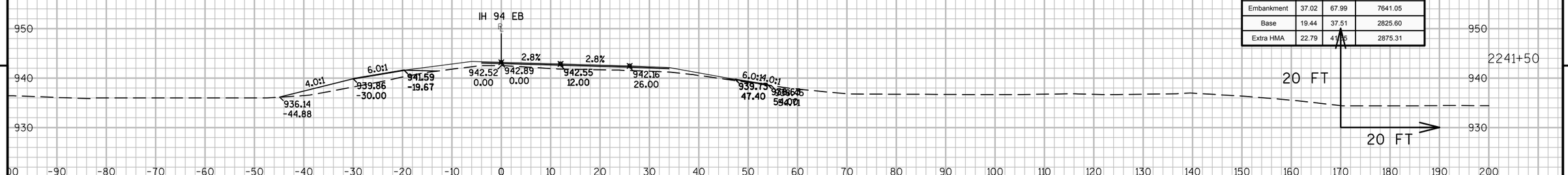
WISDOT/CADDS SHEET 49



Material(s) at Station 2242+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	39.68	74.56	7787.72
Base	22.69	39.73	2902.06
Extra HMA	23.83	47.70	2969.74



Material(s) at Station 2242+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	40.85	72.10	7713.16
Base	20.22	36.73	2862.33
Extra HMA	27.68	46.73	2922.04



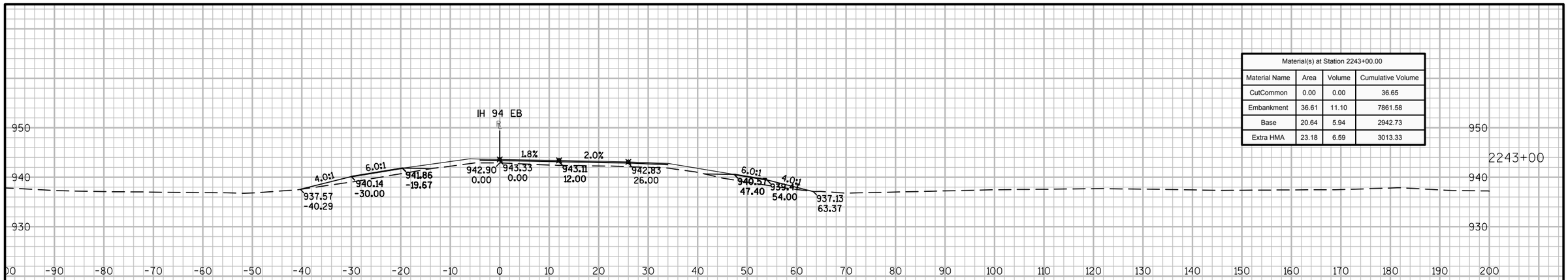
Material(s) at Station 2241+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	37.02	67.99	7641.05
Base	19.44	37.51	2825.60
Extra HMA	22.79	41.05	2875.31

9

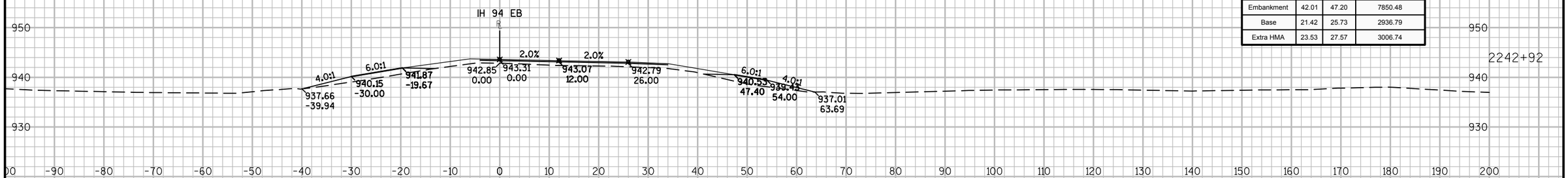
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 675	E

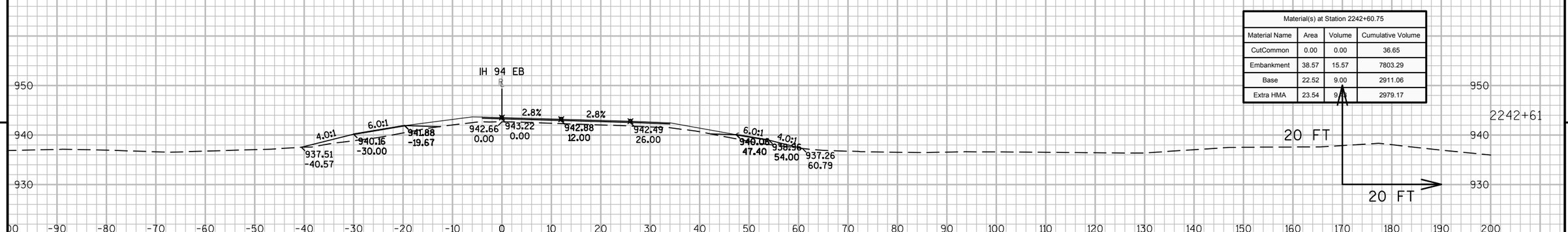
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (33)
PLOT DATE : 10/20/2014 9:40 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2243+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	36.61	11.10	7861.58
Base	20.64	5.94	2942.73
Extra HMA	23.18	6.59	3013.33



Material(s) at Station 2242+92.38			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	42.01	47.20	7850.48
Base	21.42	25.73	2936.79
Extra HMA	23.53	27.57	3006.74

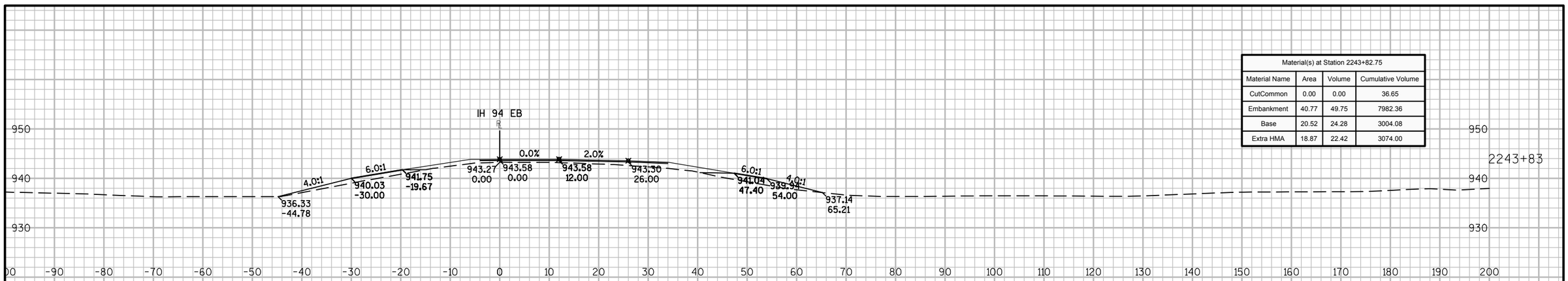


Material(s) at Station 2242+60.75			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	38.57	15.57	7803.29
Base	22.52	9.00	2911.06
Extra HMA	23.54	9.[illegible]	2979.17

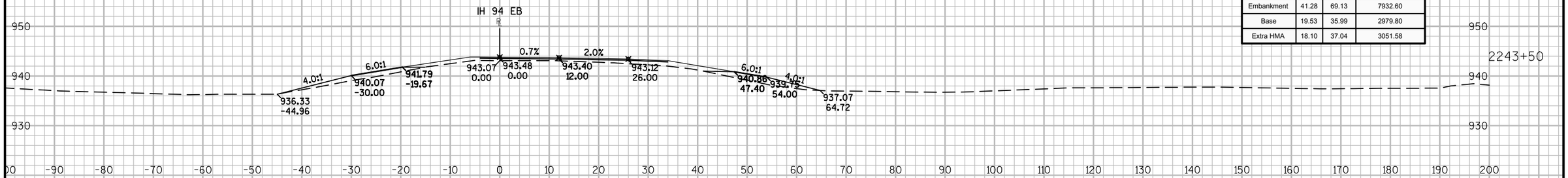
9

9

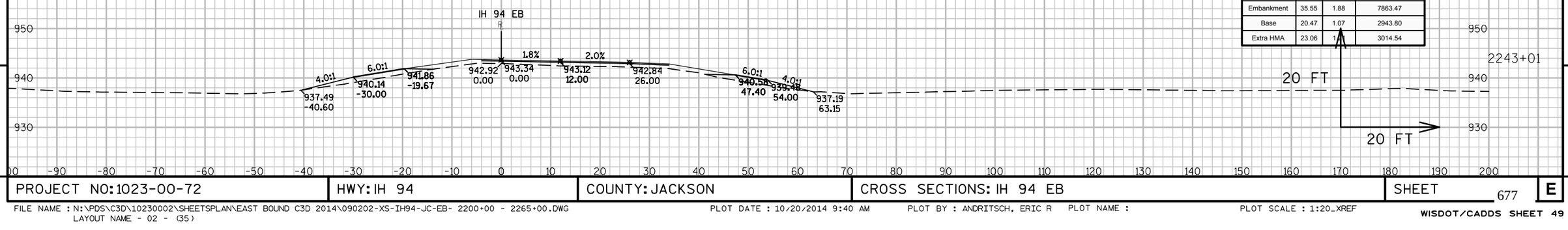
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 676	E



Material(s) at Station 2243+82.75			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	40.77	49.75	7982.36
Base	20.52	24.28	3004.08
Extra HMA	18.87	22.42	3074.00



Material(s) at Station 2243+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	41.28	69.13	7932.60
Base	19.53	35.99	2979.80
Extra HMA	18.10	37.04	3051.58



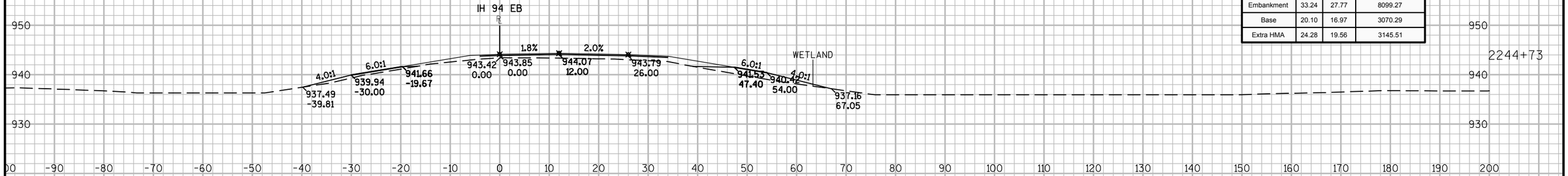
Material(s) at Station 2243+01.41			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	35.55	1.88	7863.47
Base	20.47	1.07	2943.80
Extra HMA	23.06	1.21	3014.54

9

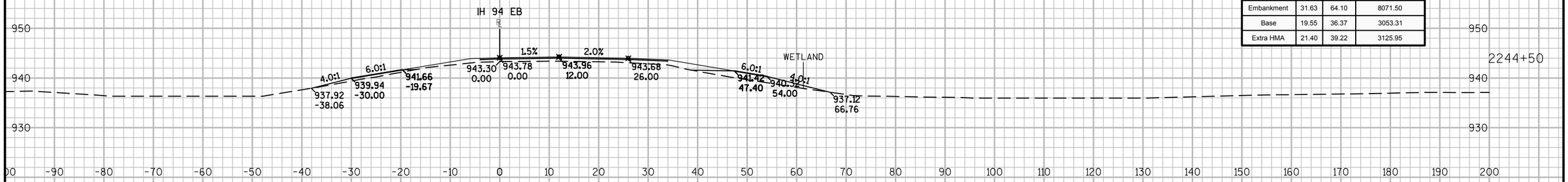
9

PROJECT NO: 1023-00-72 | HWY: IH 94 | COUNTY: JACKSON | CROSS SECTIONS: IH 94 EB | SHEET 677 E

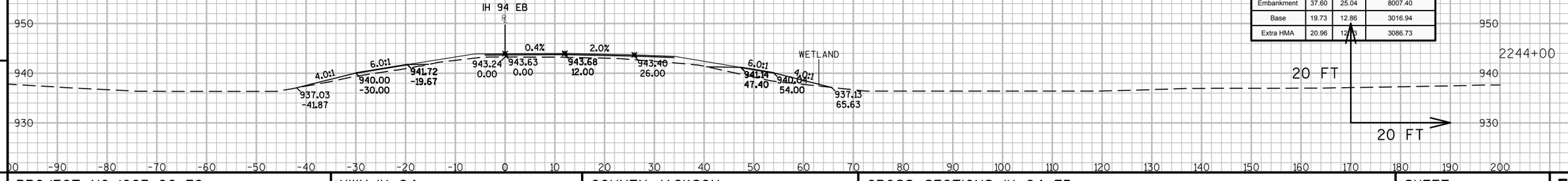
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (35)
PLOT DATE : 10/20/2014 9:40 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2244+73.12			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	33.24	27.77	8099.27
Base	20.10	16.97	3070.29
Extra HMA	24.28	19.56	3145.51



Material(s) at Station 2244+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	31.63	64.10	8071.50
Base	19.55	36.37	3053.31
Extra HMA	21.40	39.22	3125.95



Material(s) at Station 2244+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	37.60	25.04	8007.40
Base	19.73	12.86	3016.94
Extra HMA	20.96	12.78	3086.73

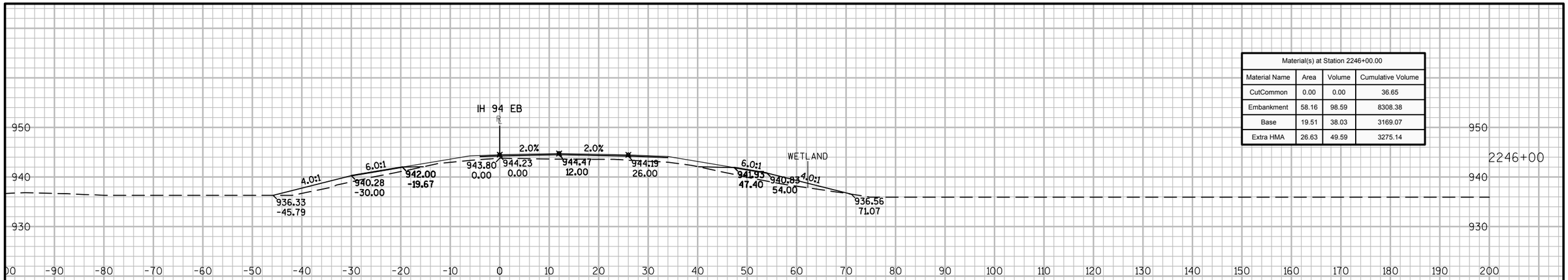
9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 678	E

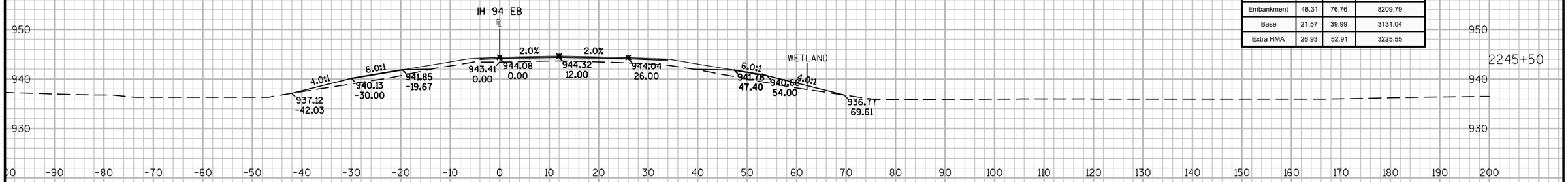
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (36)

PLOT DATE : 10/20/2014 9:40 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

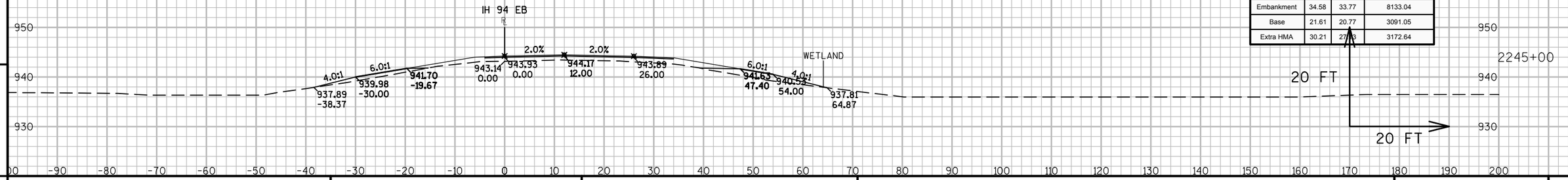
WISDOT/CADDS SHEET 49



Material(s) at Station 2246+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	58.16	98.59	8308.38
Base	19.51	38.03	3169.07
Extra HMA	26.63	49.59	3275.14



Material(s) at Station 2245+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	48.31	76.76	8209.79
Base	21.57	39.99	3131.04
Extra HMA	26.93	52.91	3225.55



Material(s) at Station 2245+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	34.58	33.77	8133.04
Base	21.61	20.77	3091.05
Extra HMA	30.21	27.93	3172.64

9

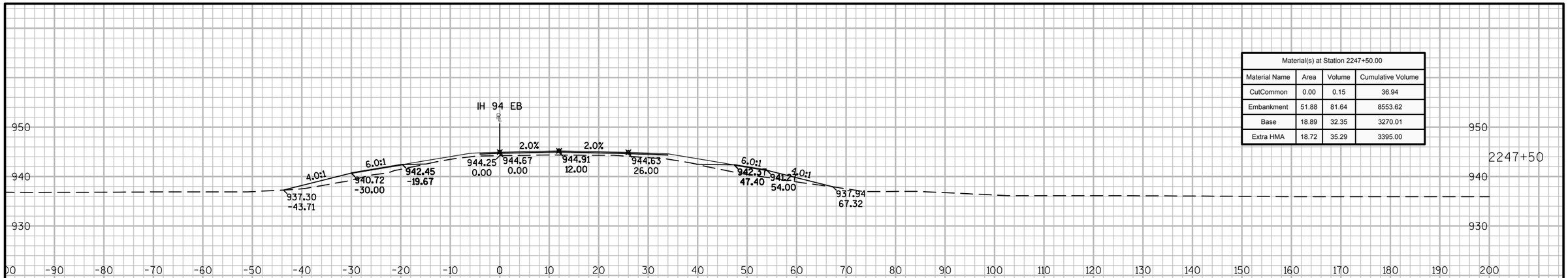
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 679	E

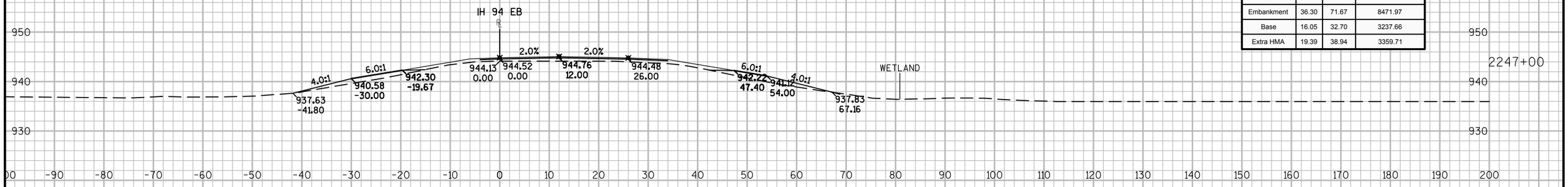
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (37)

PLOT DATE : 10/20/2014 9:41 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

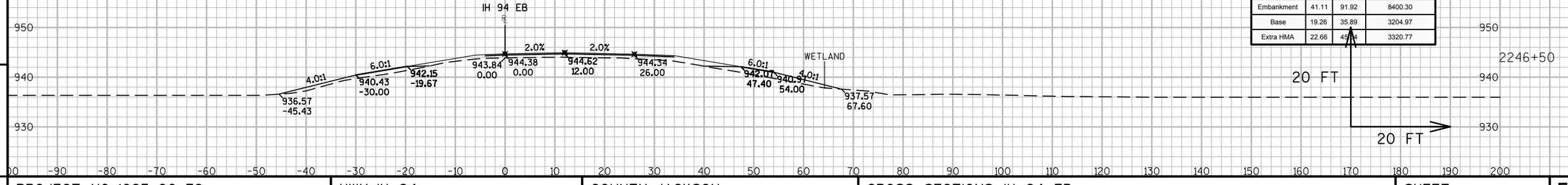
WISDOT/CADDS SHEET 49



Material(s) at Station 2247+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.15	36.94
Embankment	51.88	81.64	8553.62
Base	18.89	32.35	3270.01
Extra HMA	18.72	35.29	3395.00



Material(s) at Station 2247+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.16	0.15	36.79
Embankment	36.30	71.67	8471.97
Base	16.05	32.70	3237.66
Extra HMA	19.39	38.94	3359.71



Material(s) at Station 2246+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.65
Embankment	41.11	91.92	8400.30
Base	19.26	35.89	3204.97
Extra HMA	22.66	45.04	3320.77

9

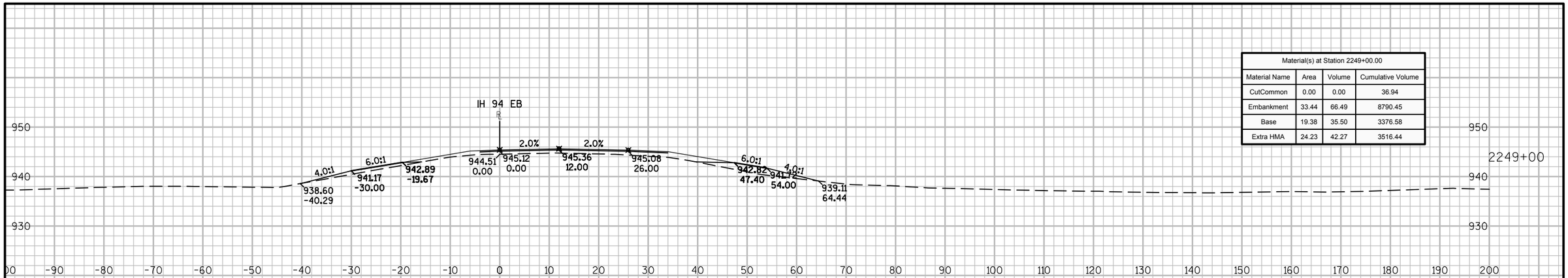
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 680	E

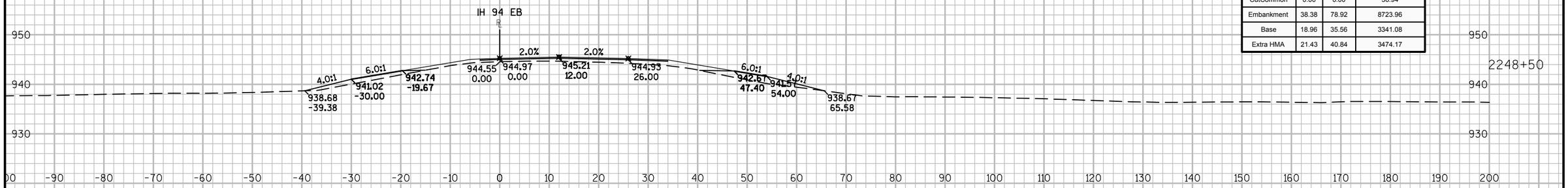
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (38)

PLOT DATE : 10/20/2014 9:41 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

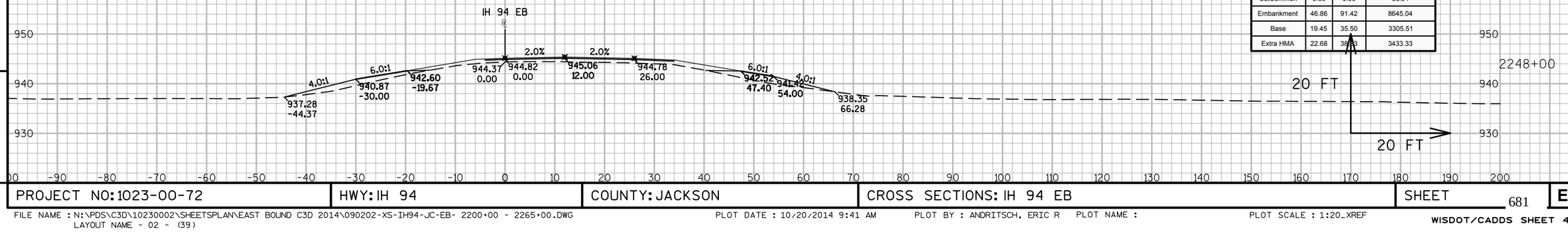
WISDOT/CADDS SHEET 49



Material(s) at Station 2249+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	33.44	66.49	8790.45
Base	19.38	35.50	3376.58
Extra HMA	24.23	42.27	3516.44



Material(s) at Station 2248+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	38.38	78.92	8723.96
Base	18.96	35.56	3341.08
Extra HMA	21.43	40.84	3474.17

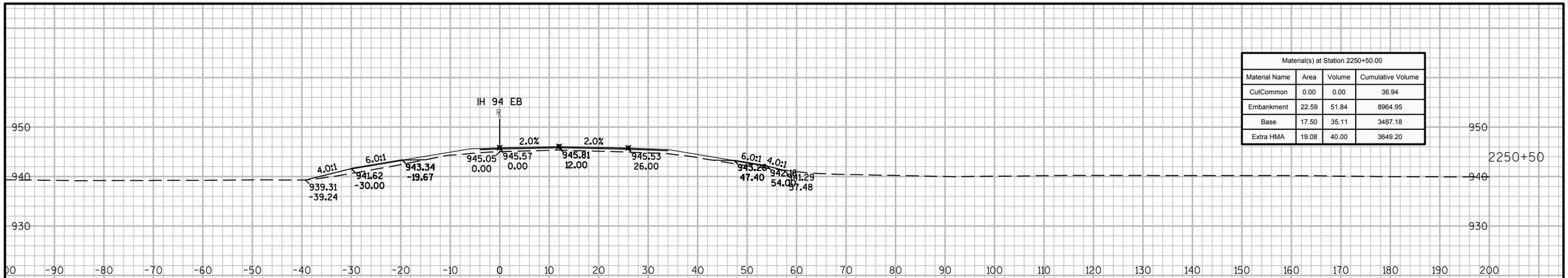


Material(s) at Station 2248+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	46.86	91.42	8645.04
Base	19.45	35.50	3305.51
Extra HMA	22.68	38.33	3433.33

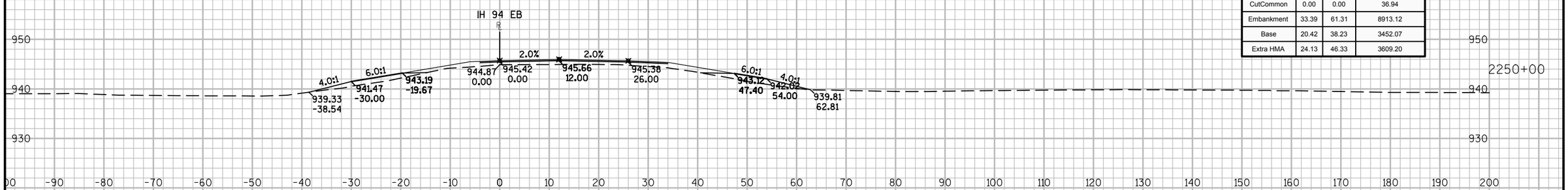
9

9

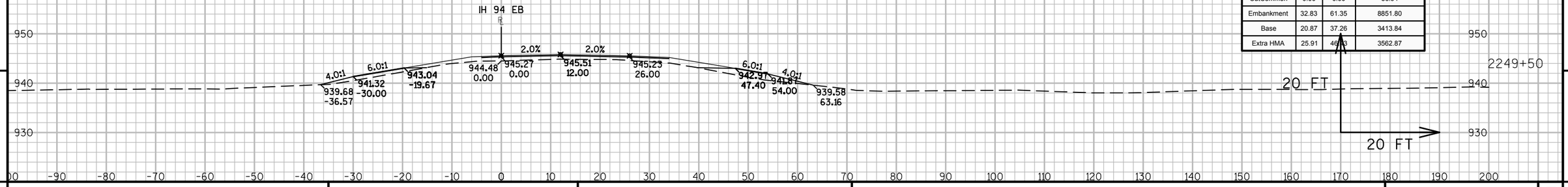
PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 681	E



Material(s) at Station 2250+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	22.59	51.84	8964.95
Base	17.50	35.11	3487.18
Extra HMA	19.08	40.00	3649.20



Material(s) at Station 2250+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	33.39	61.31	8913.12
Base	20.42	38.23	3452.07
Extra HMA	24.13	46.33	3609.20



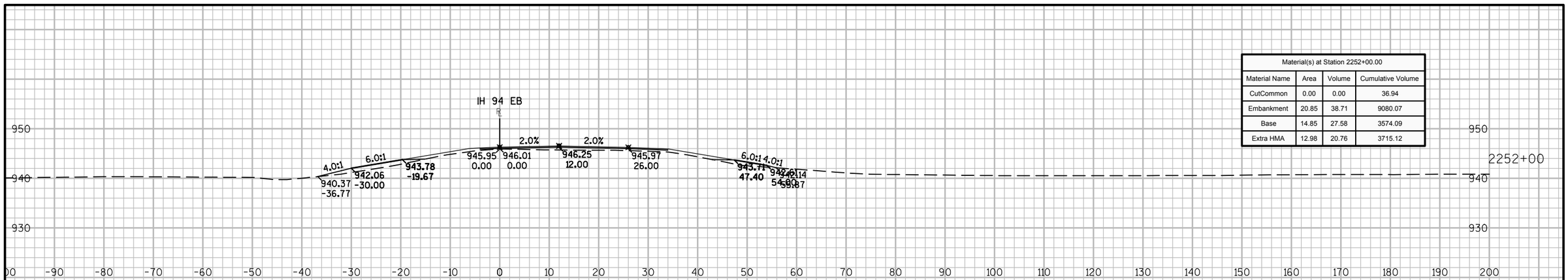
Material(s) at Station 2249+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	32.83	61.35	8851.80
Base	20.87	37.26	3413.84
Extra HMA	25.91	46.33	3562.87

9

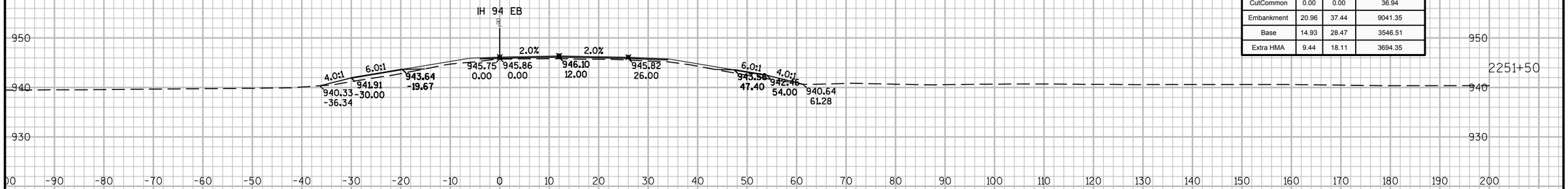
9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 682	E

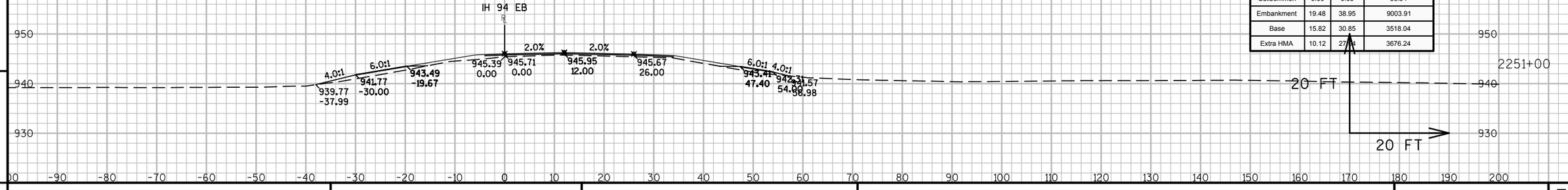
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (40)
PLOT DATE : 10/20/2014 9:41 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



Material(s) at Station 2252+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	20.85	38.71	9080.07
Base	14.85	27.58	3574.09
Extra HMA	12.98	20.76	3715.12



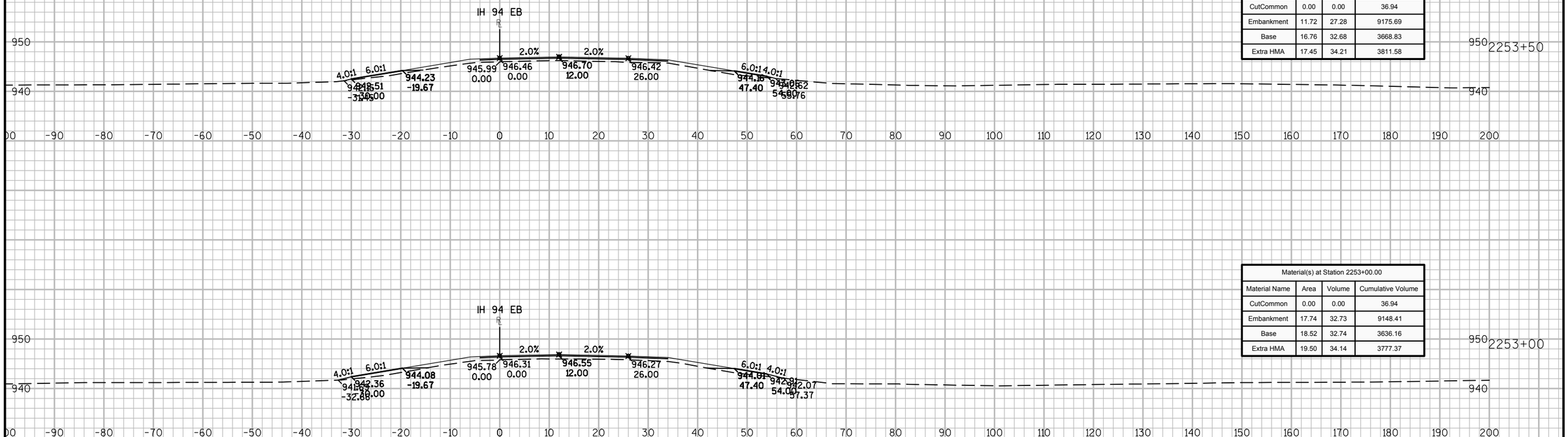
Material(s) at Station 2251+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	20.96	37.44	9041.35
Base	14.93	28.47	3546.51
Extra HMA	9.44	18.11	3694.35



Material(s) at Station 2251+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	19.48	38.95	9003.91
Base	15.82	30.85	3518.04
Extra HMA	10.12	27.04	3676.24

9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 683	E



Material(s) at Station 2253+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	11.72	27.28	9175.69
Base	16.76	32.68	3668.83
Extra HMA	17.45	34.21	3811.58

Material(s) at Station 2253+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	17.74	32.73	9148.41
Base	18.52	32.74	3636.16
Extra HMA	19.50	34.14	3777.37

Material(s) at Station 2252+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	17.61	35.61	9115.68
Base	16.83	29.83	3603.42
Extra HMA	17.38	28.81	3743.23

20 FT

20 FT

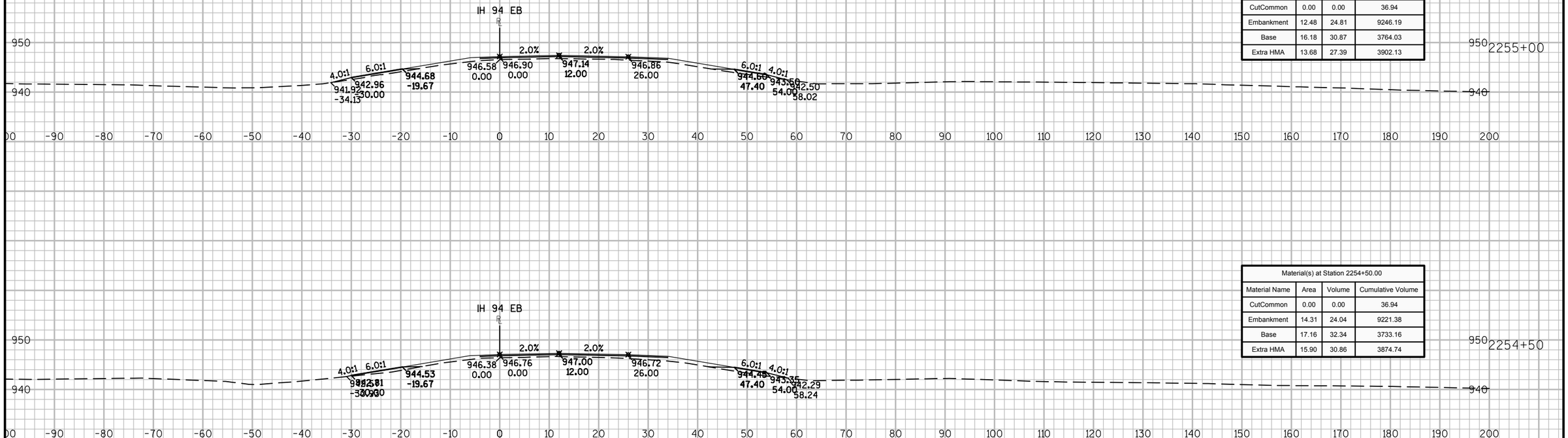
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 684	E

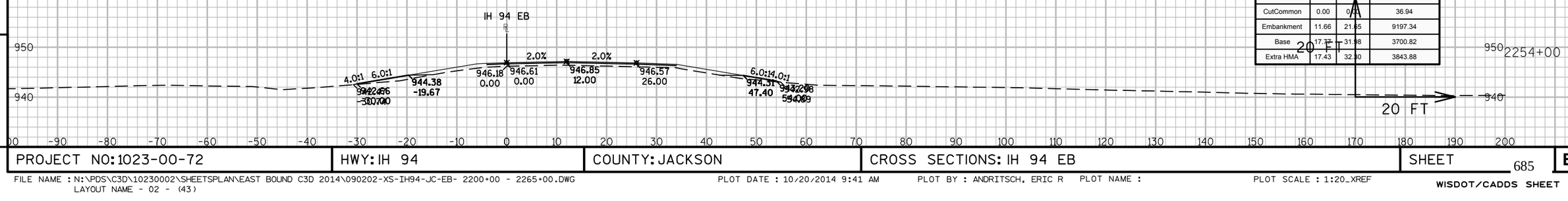
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (42)

PLOT DATE : 10/20/2014 9:41 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2255+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	12.48	24.81	9246.19
Base	16.18	30.87	3764.03
Extra HMA	13.68	27.39	3902.13

Material(s) at Station 2254+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	14.31	24.04	9221.38
Base	17.16	32.34	3733.16
Extra HMA	15.90	30.86	3874.74



Material(s) at Station 2254+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	11.66	21.85	9197.34
Base	17.77	31.98	3700.82
Extra HMA	17.43	32.80	3843.88

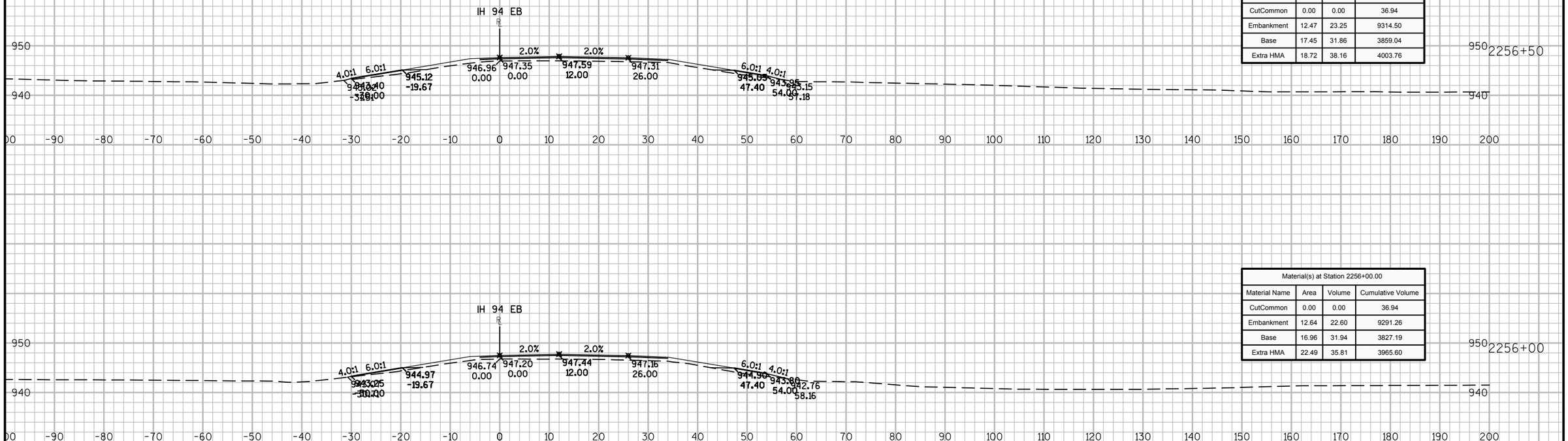
9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 685 E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (43)

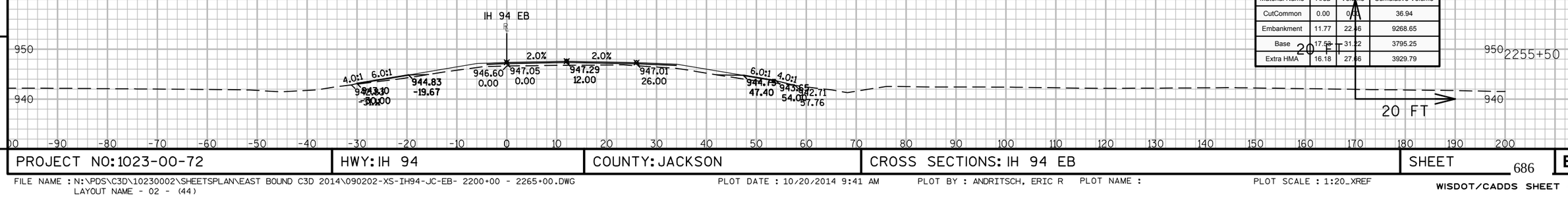
PLOT DATE : 10/20/2014 9:41 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



Material(s) at Station 2256+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	12.47	23.25	9314.50
Base	17.45	31.86	3859.04
Extra HMA	18.72	38.16	4003.76

Material(s) at Station 2256+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	12.64	22.60	9291.26
Base	16.96	31.94	3827.19
Extra HMA	22.49	35.81	3965.60



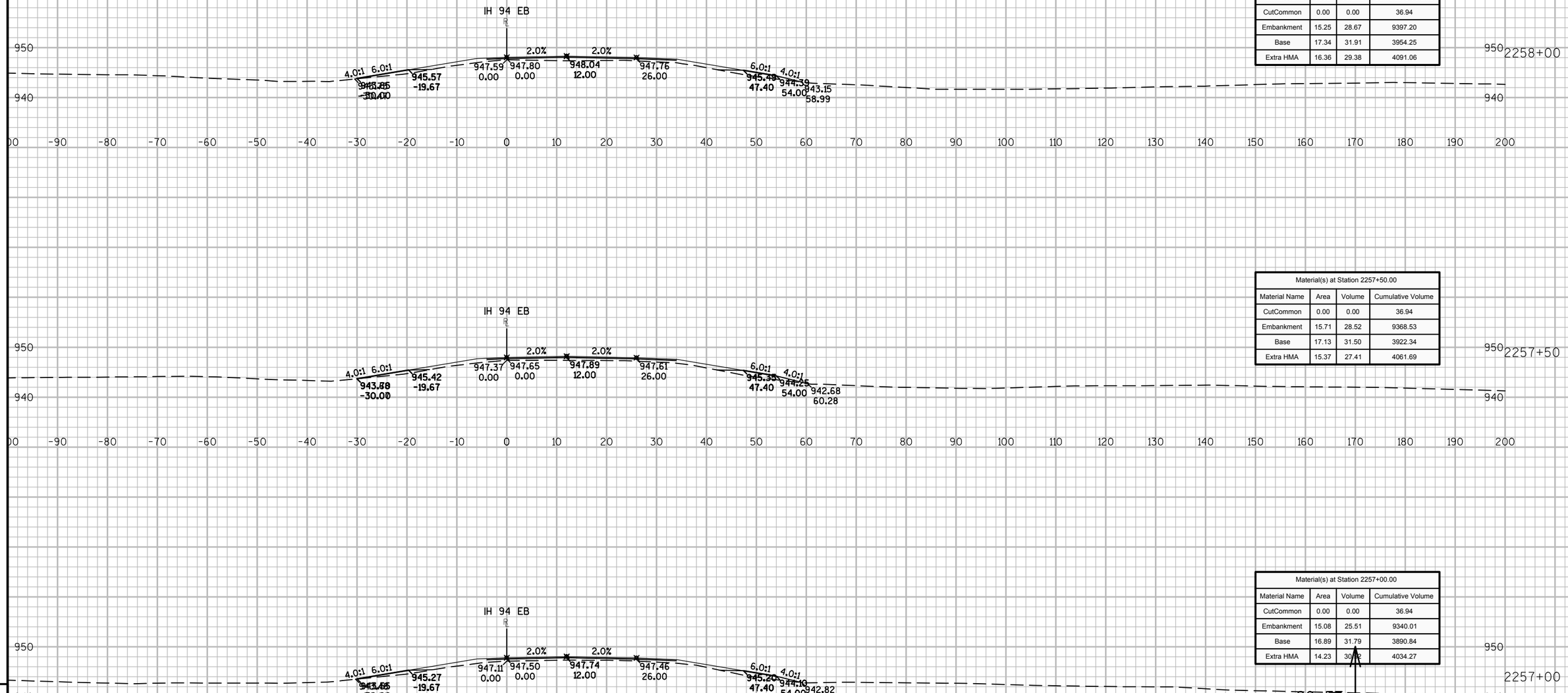
Material(s) at Station 2255+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	11.77	22.46	9268.65
Base	17.53	31.22	3795.25
Extra HMA	16.18	27.66	3929.79

9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 686 E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (44)

PLOT DATE : 10/20/2014 9:41 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2258+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	15.25	28.67	9397.20
Base	17.34	31.91	3954.25
Extra HMA	16.36	29.38	4091.06

Material(s) at Station 2257+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	15.71	28.52	9368.53
Base	17.13	31.50	3922.34
Extra HMA	15.37	27.41	4061.69

Material(s) at Station 2257+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	15.08	25.51	9340.01
Base	16.89	31.79	3890.84
Extra HMA	14.23	30.72	4034.27

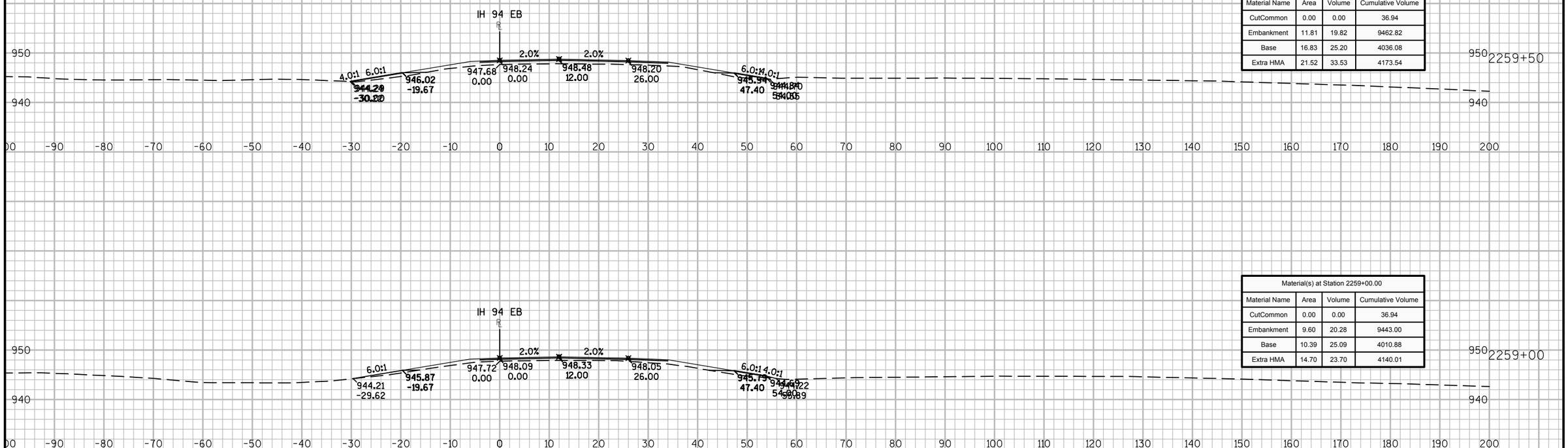
9

9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 687	E

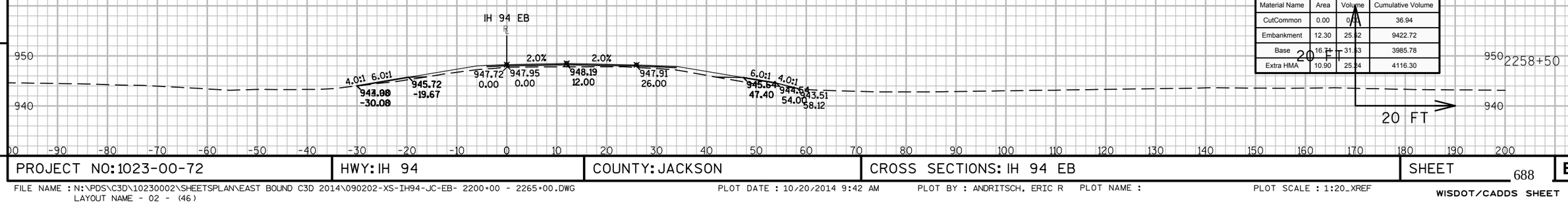
FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (45)

PLOT DATE : 10/20/2014 9:41 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF



Material(s) at Station 2259+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	11.81	19.82	9462.82
Base	16.83	25.20	4036.08
Extra HMA	21.52	33.53	4173.54

Material(s) at Station 2259+00.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	9.60	20.28	9443.00
Base	10.39	25.09	4010.88
Extra HMA	14.70	23.70	4140.01



Material(s) at Station 2258+50.00			
Material Name	Area	Volume	Cumulative Volume
CutCommon	0.00	0.00	36.94
Embankment	12.30	25.52	9422.72
Base	16.71	31.63	3985.78
Extra HMA	10.90	25.24	4116.30

9 9

PROJECT NO: 1023-00-72	HWY: IH 94	COUNTY: JACKSON	CROSS SECTIONS: IH 94 EB	SHEET 688 E

FILE NAME : N:\PDS\C3D\10230002\SHEETSPLAN\EAST BOUND C3D 2014\090202-XS-IH94-JC-EB- 2200+00 - 2265+00.DWG
LAYOUT NAME - 02 - (46)

PLOT DATE : 10/20/2014 9:42 AM PLOT BY : ANDRITSCH, ERIC R PLOT NAME : PLOT SCALE : 1:20_XREF

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov