INDEX OF SHEETS
SEE SHEET 2

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
PLANS OF PROPOSED HIGHWAY
S.H.A. CONTRACT NO. MO5935470
FEDERAL AID PROJECT NO.
MD 355 AND JONES BRIDGE ROAD – BRAC INTERSECTION

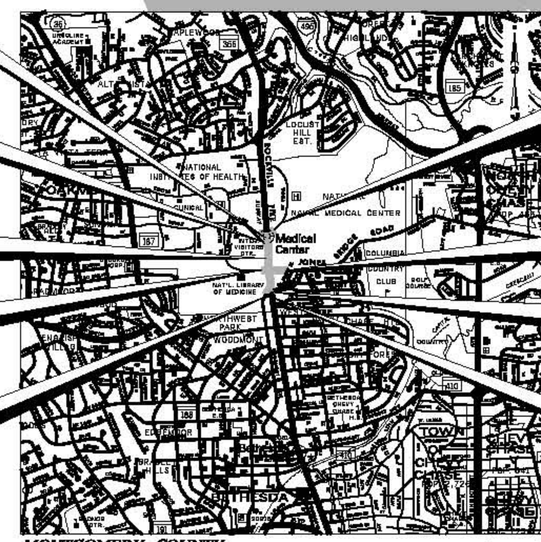
LIMIT OF WORK
MO5935470
MD 355 (ROCKVILLE PIKE)
STA. 322+00

LIMIT OF WORK
MO5935470
SOUTH DRIVE
STA. 30+02

LIMIT OF WORK
MO5935470
ENTRANCE 'A'
STA. 10+10

LIMIT OF WORK
MO5935470
CENTER DRIVE
STA. 62+80, EB & 62+90, WB

LIMIT OF WORK
MO5935470
WOODMONT AVE. WBR
STA. 42+42



LIMIT OF WORK
MO5935470
SOUTHWOOD ROAD
STA. 20+90

LIMIT OF PAVING
MO5935470
JONES BRIDGE ROAD
STA. 53+02

LIMIT OF WORK
MO5935470
MD. 355 (ROCKVILLE PIKE)
STA. 304+30

LIMIT OF WORK
MO5935470
WOODMONT AVE. EBR
STA. 81+17

MONTGOMERY COUNTY

SCALE: 1"=2000'
2000 0 2000 4000 feet

LENGTH OF PROJECT:
MD. 355 (ROCKVILLE PIKE) = 0.34 miles
WOODMONT AVENUE = 0.05 miles
CENTER DRIVE = 0.03 miles
JONES BRIDGE ROAD = 0.05 miles

AASHTO DESIGN CRITERIA

THIS PROJECT WAS DESIGNED IN ACCORDANCE WITH THE 2001 PUBLICATION OF AASHTO'S "A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS."

STANDARD SPECIFICATIONS BOOK, BOOK OF STANDARDS AND MUTCD

ALL WORK ON THIS PROJECT SHALL CONFORM TO: THE MARYLAND DEPARTMENT OF TRANSPORTATION, STATE HIGHWAY ADMINISTRATIONS SPECIFICATIONS ENTITLED STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS DATED JULY 2006 REVISIONS THEREOF OR ADDITIONS THERETO; THE SPECIAL PROVISIONS INCLUDED IN THE INVITATION FOR BIDS BOOK; THE ADMINISTRATION'S BOOK OF STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES AND THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)

RIGHT OF WAY

RIGHT OF WAY AND EASEMENT LINES SHOWN ON THESE PLANS ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THEY ARE NOT OFFICIAL. FOR OFFICIAL PER RIGHT OF WAY AND EASEMENT INFORMATION, SEE APPROPRIATE RIGHT OF WAY PLATS.

UTILITIES

THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION AND GUIDANCE ONLY. NO GUARANTEE IS MADE OF THE ACCURACY OF SAID LOCATIONS.

COMPLETENESS OF DOCUMENTS

THE STATE HIGHWAY ADMINISTRATION SHALL ONLY BE RESPONSIBLE FOR THE COMPLETENESS OF DOCUMENTS OBTAINED DIRECTLY FROM THE STATE HIGHWAY ADMINISTRATION'S CASHIER'S OFFICE. FAILURE TO ATTACH ADDENDA MAY CAUSE THE BID TO BE IRREGULAR.

ADA COMPLIANCE

THE DESIGN OF THIS PROJECT HAS INCORPORATED FACILITIES FOR THE ELDERLY AND HANDICAPPED IN COMPLIANCE WITH THE STATE AND FEDERAL LEGISLATION

ENVIRONMENTAL INFORMATION

MDE # 09-SF-0198

ALL STORMWATER MANAGEMENT FACILITIES CONSTRUCTED FOR CONTRACT NO. MO5935470 SHALL BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH THE STATE HIGHWAY ADMINISTRATIONS BEST MANAGEMENT PRACTICES (BMP) INSPECTION AND REMEDIATION PROGRAM.

SEDIMENT AND EROSION CONTROL REGULATIONS WILL BE STRICTLY ENFORCED DURING CONSTRUCTION.

STANDARD STABILIZATION NOTE :

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN SEVEN (7) CALENDER DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1), AND FOURTEEN DAYS (14) AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

OWNERS / DEVELOPERS CERTIFICATION :

I / WE HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I HEREBY AUTHORIZE THE RIGHT OF ENTRY FOR PERIODIC ON-SITE EVALUATION BY STATE OF MARYLAND, DEPARTMENT OF THE ENVIRONMENT, COMPLIANCE INSPECTORS.

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 26070 Expiration Date 5/24/2011

HORIZONTAL DATUM	NAD 83 /91
VERTICAL DATUM	NAVD 88

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

R-O-W PLAT NUMBERS	SURVEY BOOK NUMBERS
	31183 31138

DESIGN DESIGNATION

ROADWAY	MD. 355 (ROCKVILLE PIKE)		JONES BRIDGE ROAD	
CONTROLS / YEARS	2008	2011	2008	2011
AVERAGE DAILY TRAFFIC (A.D.T.)	48,100	61,050	20,475	24,900
DESIGN HOURLY VOLUME (D.H.V.)	8%	8%	9%	9%
DIRECTIONAL DISTRIBUTION	55%	55%	72%	72%
% TRUCKS – A.D.T.	5%	5%	4%	4%
% TRUCKS – D.H.V.	3%	3%	2%	2%
DESIGN SPEED M.P.H.	40 MPH		40 MPH	
FUNCTIONAL CLASSIFICATION	URBAN OTHER PRINCIPAL ARTERIAL		URBAN MINOR ARTERIAL	
CONTROL OF ACCESS	NONE		NONE	
INTENSITY OF DEVELOPMENT	URBAN		URBAN	
TERRAIN	LEVEL		ROLLING	
ANTICIPATED POSTED SPEED	35 MPH		35 MPH	

REVISIONS
NOTE:
See Sheet No. 2 for List of Revised Sheet Numbers

REVIEWED AND APPROVAL RECOMMENDED DATE
CHIEF, HIGHWAY DESIGN DIVISION

APPROVAL RECOMMENDED DATE
DIRECTOR, OFFICE OF HIGHWAY DEVELOPMENT

APPROVED DATE
DEPUTY ADMINISTRATOR – PLANNING, ENGINEERING, REAL ESTATE AND ENVIRONMENT

DRILL HOLES
DRILL HOLES
DRILL HOLES
BY: GRAHAM

SURVEY BOOK NO.

s:\2008\transportation\27257-09 brac-md355 @ jones bridge rd\roadd\pGN-T000_MD355JB.dgn
Thursday, April 08, 2010 AT 02:06 PM

INDEXED

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67	SG-5.1-3	MOT PHASE 1, 2, & 3 – CHANGEABLE LANE SIGNAL (ALONG MD. 355 – BETWEEN JONES BRIDGE RD. AND SOUTH DR.)
68	SG-6.1-3	MOT PHASE 1, 2, & 3 – GENERAL INFORMATION SHEET (ALONG MD. 355 – BETWEEN JONES BRIDGE RD. AND SOUTH DR.)
69	SG-7.1	MOT PHASE 1 – TRAFFIC SIGNAL PLAN (MD. 355 & SOUTH DR.)
70	SG-8.1	MOT PHASE 1 – GENERAL INFORMATION SHEET (MD. 355 & SOUTH DR.)
71	SG-9.2	MOT PHASE 2 – TRAFFIC SIGNAL PLAN (MD. 355 AT WOODMONT AVE.)
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73	SG-11.2	MOT PHASE 2 – TRAFFIC SIGNAL PLAN (MD. 355 & JONES BRIDGE RD.)
74	SG-12.2	MOT PHASE 2 – GENERAL INFORMATION SHEET (MD. 355 & JONES BRIDGE RD.)
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81	SG-19	ULTIMATE – TRAFFIC SIGNAL PLAN (MD. 355 & JONES BRIDGE RD.)
82	SG-20	ULTIMATE – GENERAL INFORMATION SHEET (MD. 355 & JONES BRIDGE RD.)
83	SG-21	ULTIMATE – CHANGEABLE LANE SIGNAL (ALONG MD. 355 – BETWEEN JONES BRIDGE RD. AND SOUTH DR.
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CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

BY: Graham

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

REVISIONS

INDEX OF SHEETS

SCALE N/A ADVERTISED DATE _____ CONTRACT NO. M0693647C

DESIGNED BY JMJ
DRAWN BY JMJ
CHECKED BY MA
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE _____

DRAWING NO. INDX-1 OF 1 SHEET NO. 2 OF 91

PLOTTED: Friday, April 09, 2010 AT 04:16 PM
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ABBREVIATIONS

AASHTO	American Association of State Highway Transportation Officials
ADT	Average Daily Traffic
AHD	Ahead
APPROX.	Approximate
℄ or BL	Baseline
BK	Back /Book
BIT.	Bituminous
B.C.	Bituminous Concrete
B.M.	Bench Mark
BOT.	Bottom
C.C.	Center of Curve
CAP	Corrugated Aluminum Pipe
CAPA	Corrugated Aluminum Pipe Arch
CATV	Cable Television
C.B.R.	California Bearing Ratio
℄ or CL	Centerline
CL.	Class
CLF	Chainlink Fence
CMP	Corrugated Metal Pipe
C.O.	Cleanout
COMB.	Combination
CONC.	Concrete
CONSTR.	Construction
COR.	Corner
CORR.	Correction
CPP-S	Corrugated Polyethylene Pipe – Type 'S'
CSP	Corrugated Steel Pipe – Aluminized Type 2
CSPA	Corrugated Steel Pipe Arch – Aluminized Type 2
DC	Degree of Curve
D.H.V.	Design Hourly Volume
D.I.	Drop Inlet
DIA.	Diameter
D.O.	Double Opening
E	East
E	Electric
E	External Distance
EA	Each
EB	Eastbound
ELEV	Elevation
ES	End Section
EX or EXIST	Existing
FT	Feet
F or FL	Flowline
F.B.D.	Flat Bottom Ditch
F.H.	Fire Hydrant
FWD.	Forward
G	Gas
G.V.	Gas Valve
H.B.	Handbox
HDPE	High Density Polyethylene
HDWL.	Headwall
HERCP	Horizontal Ellipitical Reinforced Concrete Pipe
HP	High Point
IN	Inch
I.S.T.	Inlet Sediment Trap
INV.	Invert
J.B.	Junction Box
K	K Inlet
L	Length
LF	Linear Feet
L.L.	Liquid Limit
LP	Low Point
L.P.	Light Pole
LT.	Left
MAC.	Macadam
M.C.	Moisture Content
MAX.	Maximum
M.D.D.	Maximum Dry Content
MOD.	Modified
MIN.	Minimum
N	North
NB	Northbound
NE	Northeast
N.P.	Non-Plastic
O.C.	On Center
OHE	Overhead Electric
O.M.	Optimum Moisture
PAV'T.	Pavement
PC	Point of Curvature
PCC	Point of Compound Curvature
P/C	Point of Crown
P/GE	Profile Grade Elevation
P.G.E.	Profile Ground Elevation
P.G.L.	Profile Grade Line
P/GL	Profile Ground Line
P/R	Point of Rotation
P.I.	Plasticity Index
PI	Point of Intersection
POC	Point On Curve
POT	Point On Tangent
PPWP	Polyvinyl Chloride Profile Wall Pipe
PROP	Proposed
PRC	Point of Reverse Curve
PT	Point
PT	Point of Tangency
PVC	Point of Vertical Curve
PVC	Polyvinyl Chloride
PVI	Point of Vertical Intersection
PVRC	Point of Vertical Reverse Curve
PVT	Point of Vertical Tangency
R	Radius
R.F.	Rock Fragments
RT	Right
RW or R/W	Right of Way
RCP	Reinforced Concrete Pipe
RCPP	Reinforced Concrete Pressure Pipe
R.Q.D.	Rock Quality Designation
R.M.	Rootmat
S	South
SAN.	Sanitary Sewer
SB or S/B	Southbound
S.D.	Storm Drain
S.D.D.	Surface Drain Ditch
S/E	Super Elevation
SF	Silt Fence
SF	Square Feet
SHT.	Sheet
SPP	Structural Steel Plate Pipe
SPPA	Structural Steel Plate Pipe Arch
S.P.T.	Standard Penetration Testing
SRP	Steel Spiral Rib Pipe – Aluminized Type 2
SRPA	Steel Spiral Rib Pipe Arch – Aluminized Type 2
SSD	Stopping Sight Distance
SSF	Super Silt Fence
STD.	Standard
STA.	Station
SO.	Single Opening
SY	Square Yards
SWM	Stormwater Management
T	Tangent
T	Telephone
T.C.	Top of Cover
T.G.	Top of Grate
T or TL	Traverse Line
T.M.	Top of Manhole
TRAV.	Traverse
TS	Temporary Swale
T.S.	Top of Slab
T.S.	Topsoil
TYP.	Typical
U.D.	Under Drain
U.G.	Underground
U.P.	Utility Pole
USDA	United States Department of Agriculture
VCL	Vertical Clearance
V.C.L.	Vertical Curve Length
W	Water
W	West
WB	Westbound
WB	Wetland Buffer
W.M.	Water Meter
W.S.	Wrapped Steel
WUS	Waters of the United States
W.V.	Water Valve

CONVENTIONAL SIGNS
(SAMPLES)

PROPOSED MEDIAN BARRIER
ELECTRICAL HAND BOX – SIGNALS — H.B.
FLOW LINE
STATE, COUNTY OR CITY LINES
PROPOSED TRAFFIC BARRIER
EXISTING TRAFFIC BARRIER
PROPOSED FENCE LINE
EXISTING FENCE LINE
RIGHT OF WAY LINE
EXISTING ROADWAY
RAILROAD
BASE LINE OR SURVEY LINE — W, SP, 32
FIRE HYDRANT — F.H.
HISTORIC BOUNDARY — H
WATERS OF THE U.S.

PROPOSED PIPE / CULVERT
EXISTING PIPE / CULVERT
EXISTING DROP INLET
UTILITY POLE
WETLAND
WETLAND BUFFER — B
WATERS OF THE U.S. — WUS
HEDGE / TREE LINE
BUSH / TREE
CONIFEROUS TREE
GROUND ELEVATION — DATUM LINE 175.4
GRADE ELEVATION — DATUM LINE 270.22

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

BY: Graham

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

SOILS LEGEND

- PLAN LOCATION OF SOIL BORING

NOTE: SOILS INFORMATION IS TABULATED IN THE INVITATION FOR BIDS BOOK

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

REVISIONS

ABBREVIATIONS, CONVENTIONAL SIGNS & SOILS LEGEND

SCALE NO SCALE ADVERTISED DATE XX/XX/XXXX CONTRACT NO. M06B3E470

DESIGNED BY JMJ
DRAWN BY JMJ
CHECKED BY MA
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE

DRAWING NO. AB-1 OF 1 SHEET NO. 3 OF 91

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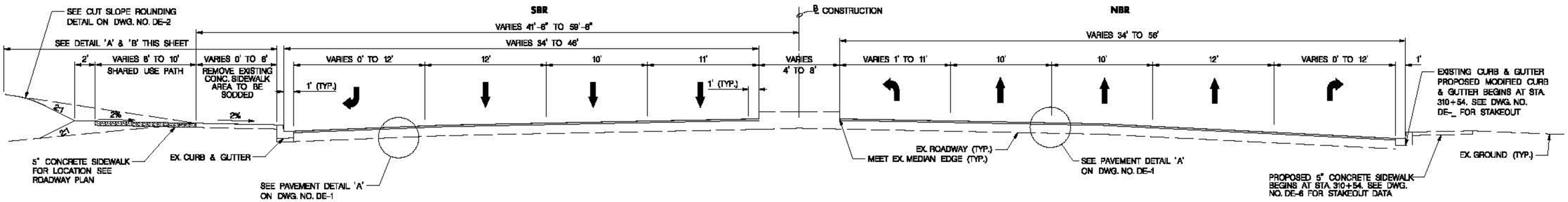
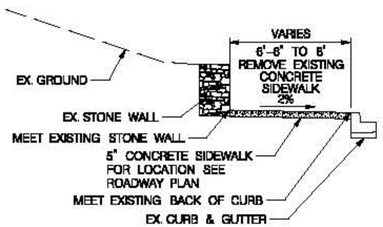
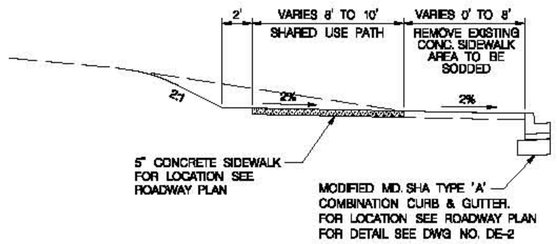


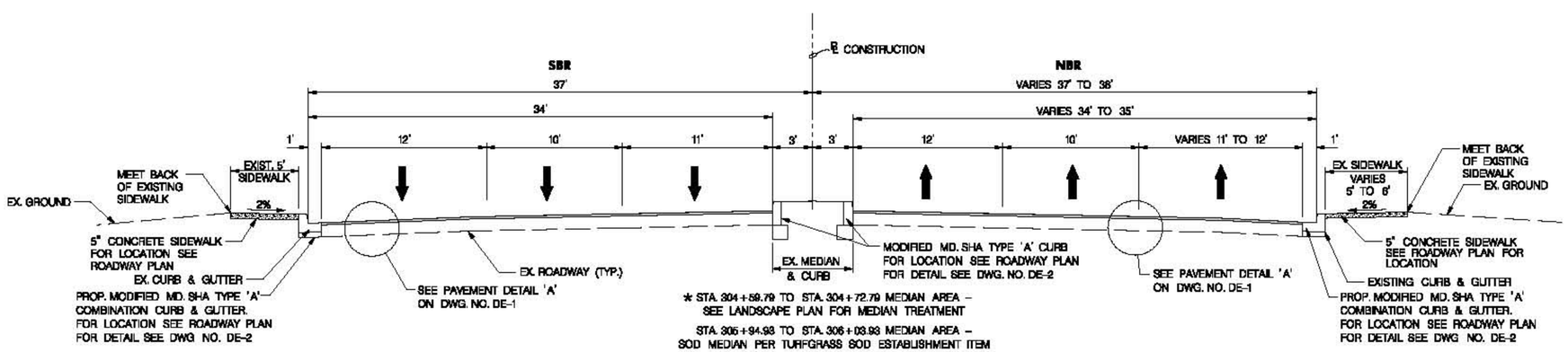


DETAIL 'A'
STA. 307+61.89 TO STA. 309+42.11



DETAIL 'B'
STA. 310+63 TO STA. 311+00

MD. 355 (ROCKVILLE PIKE) – NORMAL SECTION
STA. 306+21 TO STA. 311+00



* STA. 304+59.79 TO STA. 304+72.79 MEDIAN AREA – SEE LANDSCAPE PLAN FOR MEDIAN TREATMENT

STA. 305+94.93 TO STA. 306+03.93 MEDIAN AREA – SOD MEDIAN PER TURFGRASS SOD ESTABLISHMENT ITEM

MD. 355 (ROCKVILLE PIKE) – NORMAL SECTION
STA. 304+30 TO STA. 306+21

NOTE:
ALL DISTURBED AREAS WILL BE SODDED PER TURFGRASS SOD ESTABLISHMENT ITEM UNLESS OTHERWISE NOTED.

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

REVISIONS

TYPICAL SECTIONS

SCALE NO SCALE ADVERTISED DATE _____ CONTRACT NO. M0693547C

DESIGNED BY JMJ
DRAWN BY JMJ
CHECKED BY MA
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE
HORIZONTAL SCALE
VERTICAL SCALE

DRAWING NO. TS-1 OF 3 SHEET NO. 4 OF 91

BY: Graham

PLOTTED: Thursday, April 08, 2010 AT 02:09 PM
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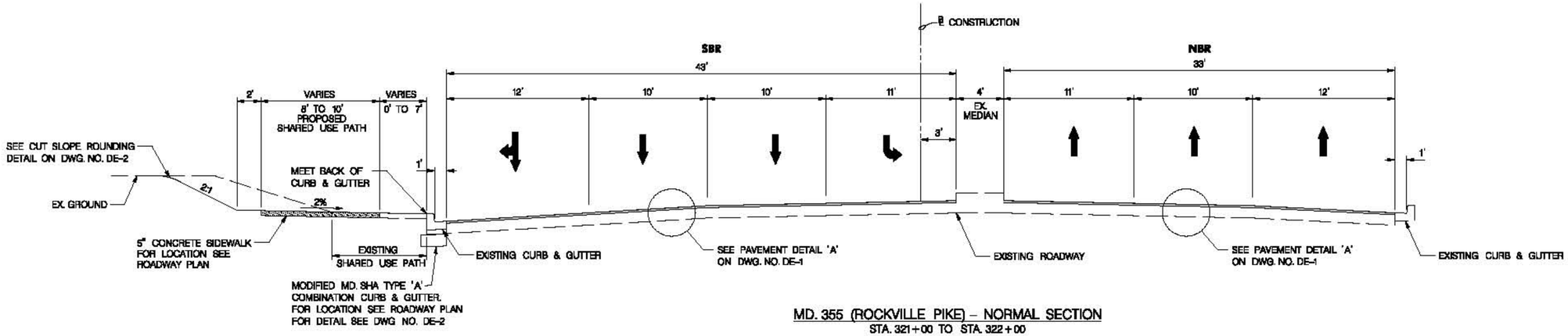
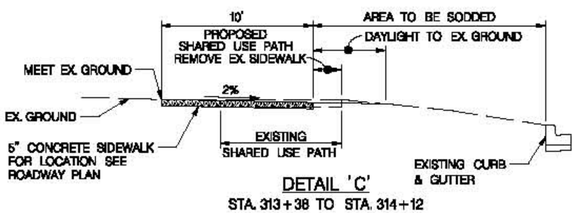
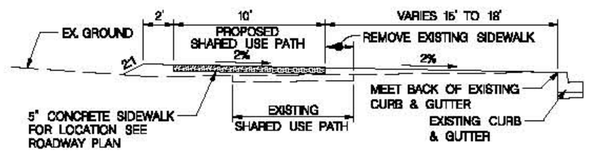


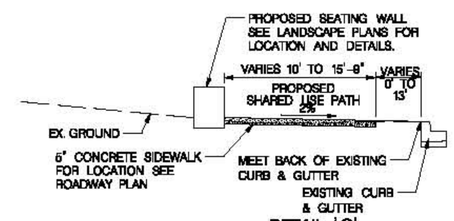
MD. 355 (ROCKVILLE PIKE) – NORMAL SECTION
STA. 321+00 TO STA. 322+00



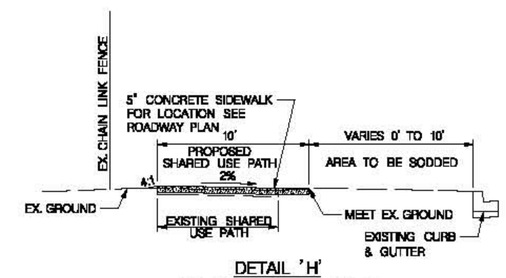
DETAIL 'C'
STA. 313+38 TO STA. 314+12



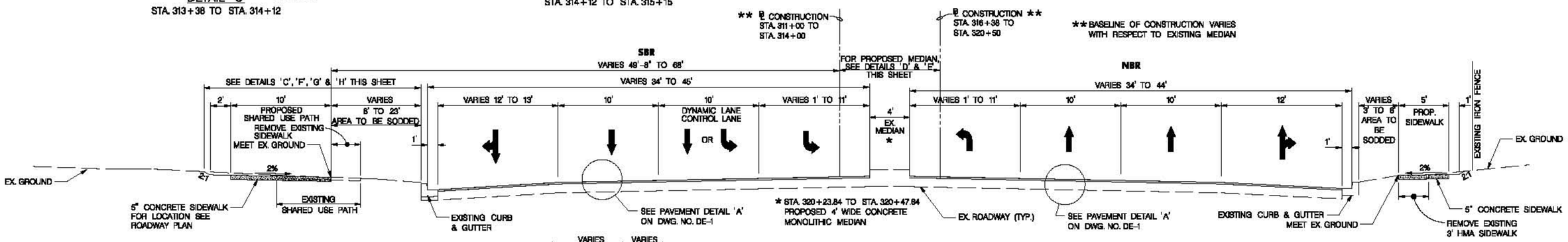
DETAIL 'F'
STA. 314+12 TO STA. 315+15

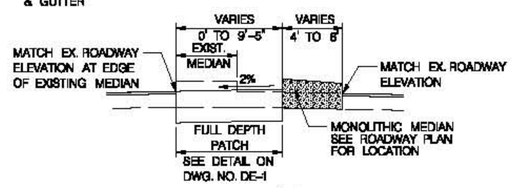


DETAIL 'G'
STA. 315+55 TO STA. 316+97

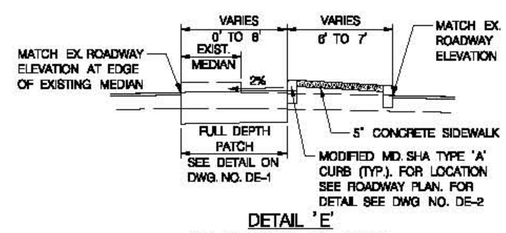


DETAIL 'H'
STA. 318+97 TO STA. 320+61





DETAIL 'D'
STA. 314+00 TO STA. 315+66
STA. 316+25 TO STA. 316+38



DETAIL 'E'
STA. 315+66 TO STA. 316+25

MD. 355 (ROCKVILLE PIKE) – NORMAL SECTION
STA. 311+00 TO STA. 321+00

NOTE:
ALL DISTURBED AREAS WILL BE SODDED PER TURFGRASS SOD ESTABLISHMENT ITEM UNLESS OTHERWISE NOTED.

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

BY: Graham

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

REVISIONS

TYPICAL SECTIONS

SCALE NO SCALE ADVERTISED DATE _____ CONTRACT NO. M0693647O

DESIGNED BY JMJ
DRAWN BY JMJ
CHECKED BY MA
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOG MILE
HORIZONTAL SCALE
VERTICAL SCALE

DRAWING NO. TS-2 OF 3 SHEET NO. 5 OF 91

PLOTTED: Thursday, April 08, 2010 AT 02:06 PM
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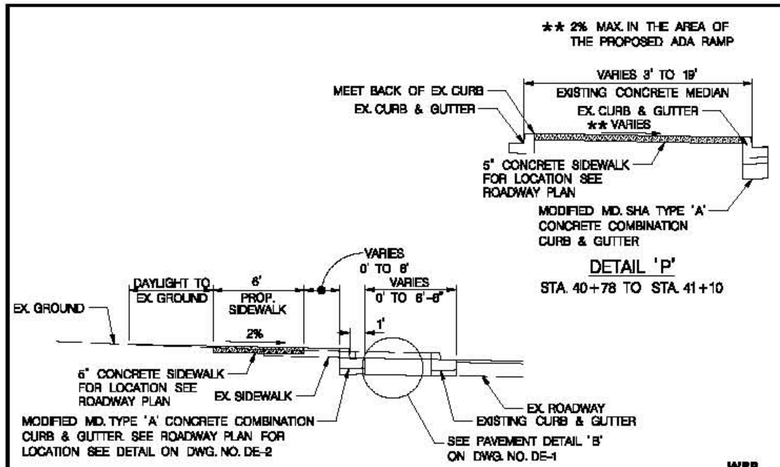
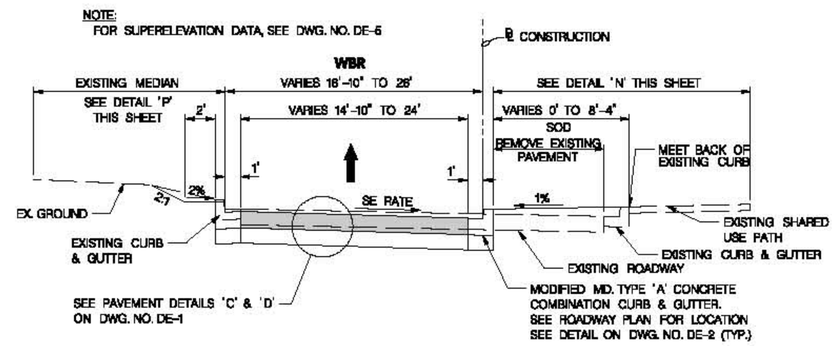
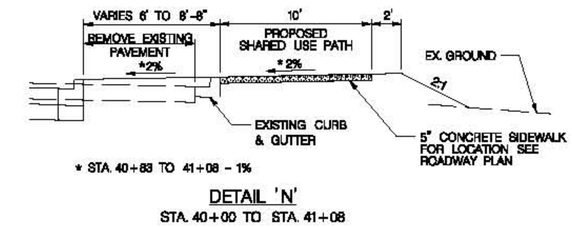
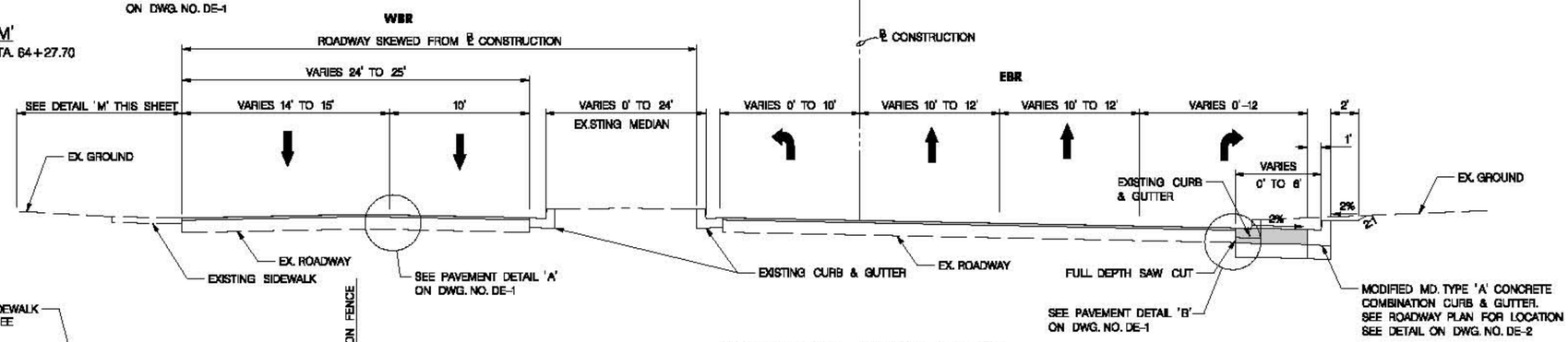


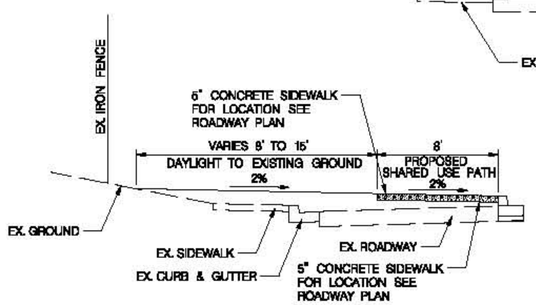


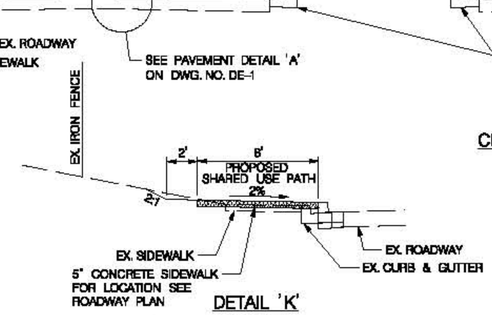
WOODMONT AVENUE – NORMAL / SUPERELEVATED SECTION
STA. 40+00 TO STA. 42+42

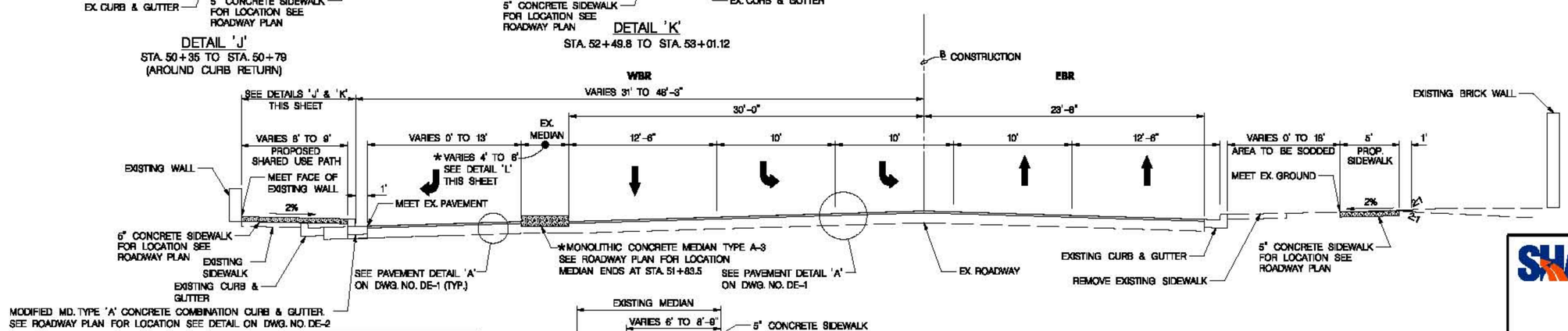


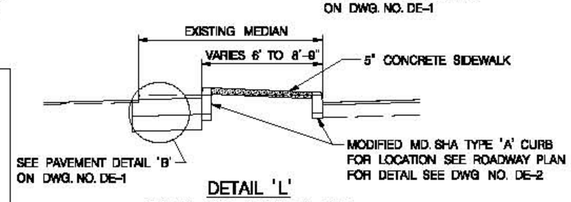


CENTER DRIVE – NORMAL SECTION
STA. 62+80 TO STA. 64+27.70









JONES BRIDGE ROAD – NORMAL SECTION
STA. 50+35 TO STA. 53+02

NOTE:
ALL DISTURBED AREAS WILL BE SODDED PER TURFGRASS SOD ESTABLISHMENT ITEM UNLESS OTHERWISE NOTED.

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

Maryland Department of Transportation
State Highway Administration
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FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

REVISIONS

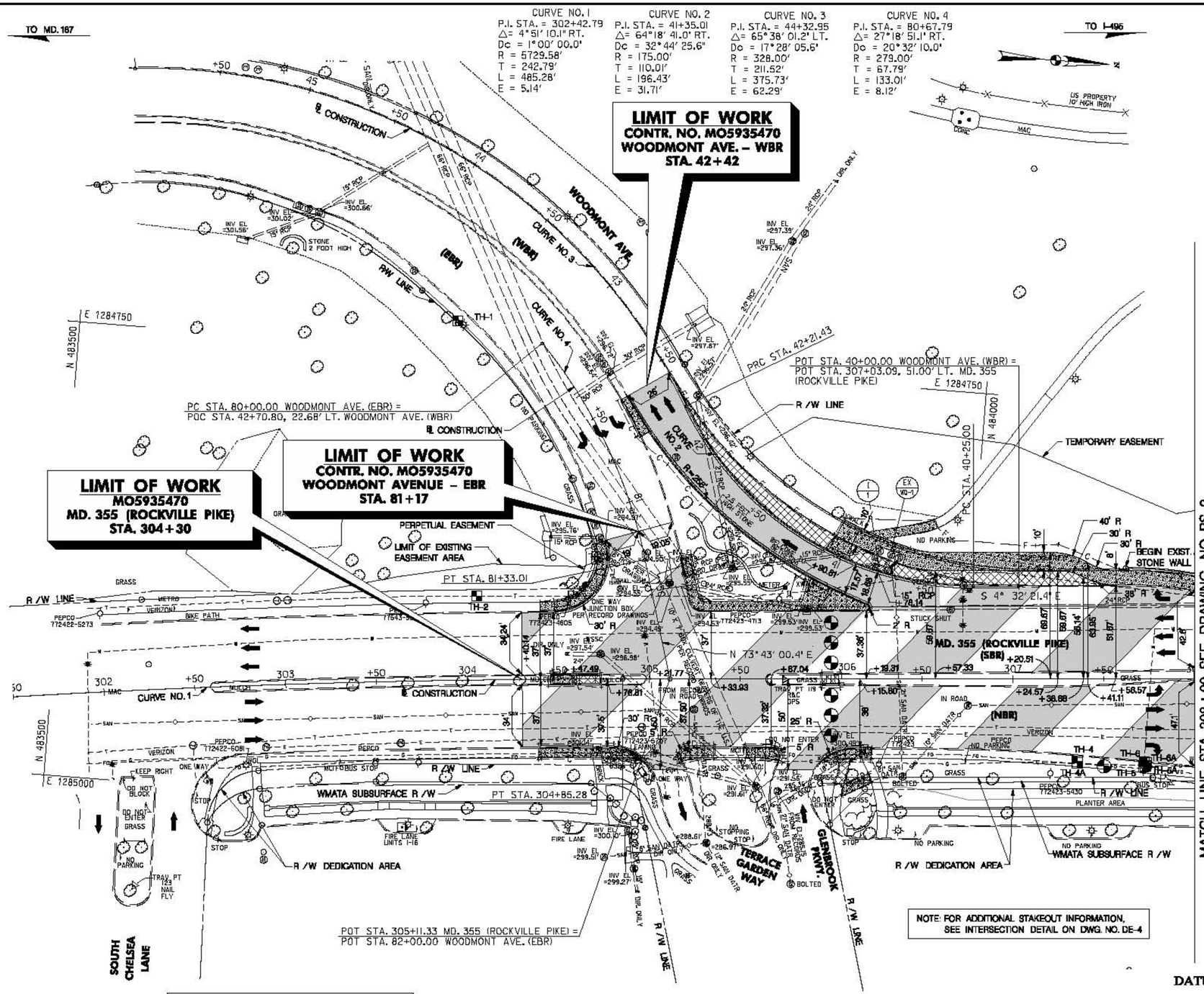
TYPICAL SECTIONS

SCALE NO SCALE ADVERTISED DATE _____ CONTRACT NO. M06B3470

DESIGNED BY JMJ
DRAWN BY JMJ
CHECKED BY MA
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE
HORIZONTAL SCALE
VERTICAL SCALE

DRAWING NO. TS-3 OF 3 SHEET NO. 6 OF 91

BY: Graham



DATUM: NAD 83/91 Horizontal
NAVD 88 Vertical

QUANTITY NOTES

STANDARD TYPE A COMBINATION CURB & GUTTER, 12 INCH GUTTER PAN, 8 INCH DEPTH (STD. NO. MD 620.02)

242 LF	WOODMONT AVE. - STA. 40+00 TO STA. 42+42, ON BASELINE
6 LF	MD 355 - STA. 306+19.31, LT. TO WOODMONT AVE - STA. 40+78.14, LT.
140 LF	WOODMONT AVE - STA. 40+78.14 TO STA. 42+18.17, LT.

MODIFIED MD SHA TYPE A COMBINATION CURB & GUTTER, 12 INCH GUTTER PAN, 12 INCH DEPTH. SEE DETAIL ON DWG. NO. DE-2

64 LF	MD 355 - STA. 304+46.79, LT. TO WOODMONT AVE (EBR) - STA. 81+17.22, RT.
25 LF	WOODMONT AVE (EBR) - STA. 81+34.59, LT. TO STA. 81+59.65, LT.
11 LF	WOODMONT AVE (EBR) - STA. 81+59.65, LT. TO MD 355 - STA. 305+29.55, LT.
5 LF	MD 355 - STA. 305+29.55 TO STA. 305+33.93, LT.
23 LF	MD 355 - STA. 304+39.54 TO STA. 304+68.74, RT.
3 LF	MD 355 - STA. 304+73.84 TO STA. 304+76.81, RT.
27 LF	MD 355 - STA. 304+76.81 TO STA. 305+00.30, RT.
11 LF	MD 355 - STA. 305+17.68 TO STA. 305+21.77, RT.
14 LF	MD 355 - STA. 305+21.77 TO STA. 305+35.48, RT.
14 LF	MD 355 - STA. 305+53.32 TO STA. 305+67.04, RT.
9 LF	MD 355 - STA. 305+67.04 TO STA. 305+71.47, RT.
17 LF	MD 355 - STA. 305+95.24 TO STA. 306+10.57, RT.
6 LF	MD 355 - STA. 306+10.57 TO STA. 306+15.80, RT.

MODIFIED TYPE A CURB, 8 INCH X 20 INCH (SEE DETAIL ON DWG. NO. DE-2)

13 LF	MD 355 - STA. 304+59.80 TO STA. 304+72.80, LT. (MEDIAN)
13 LF	MD 355 - STA. 304+59.80 TO STA. 304+72.80, RT. (MEDIAN)
9 LF	MD 355 - STA. 305+94.93 TO STA. 306+03.93, LT. (MEDIAN)
9 LF	MD 355 - STA. 305+94.93 TO STA. 306+03.93, RT. (MEDIAN)

5 INCH CONCRETE SIDEWALK

246 SF	MD 355 - STA. 304+39.53 TO STA. 304+95.94, RT.
291 SF	MD 355 - STA. 304+40.14, LT. TO WOODMMONT AVE. (EBR) - STA. 81+17, RT.
98 SF	MD 355 - STA. 305+17.48 TO STA. 305+35.48, RT.
98 SF	MD 355 - STA. 305+53.34 TO STA. 305+71.28, RT.
112 SF	MD 355 - STA. 305+95.59 TO STA. 306+21.80, RT.
84 SF	MD 355 - STA. 306+05.61 TO STA. 306+22.12, RT.
846 SF	MD 355 - STA. 307+03.09 TO STA. 308+00, LT.
100 SF	WOODMONT AVE. (EBR) - STA. 80+48.42 TO STA. 80+69.96, LT.
236 SF	WOODMONT AVE. (EBR) - STA. 81+34.59, LT. TO MD 355 - STA. 306+20.82, RT.
1200 SF	WOODMONT AVE. (WBR) - STA. 40+00 TO STA. 41+09.82, RT.
1877 SF	WOODMONT AVE. (WBR) - STA. 40+38.01 TO STA. 40+90.89, RT.

MONOLITHIC CONCRETE MEDIAN 6 FEET 0 INCH WIDE TYPE A-3 (STD. NO. MD 654.01)

14 LF	MD 355 - STA. 304+45.78 TO STA. 304+59.78 (MEDIAN CUT-THROUGH)

MONOLITHIC CONCRETE MEDIAN VARIABLE WIDTH TYPE A-1, 4 FEET 0 INCH TO 6 FEET 0 INCH (STD. NO. MD 645.01)

24 LF	WOODMONT AVE. (WBR) - STA. 42+18.17 TO STA. 42+42, LT.

REMOVAL OF EXISTING PAVEMENT

20 CY	WOODMONT AVE. (WBR) - STA. 40+17 TO STA. 40+97.25, RT.
35 CY	WOODMONT AVE. (WBR) - STA. 41+08 TO STA. 42+28, RT.

REMOVAL OF EXISTING MONOLITHIC MEDIAN

4 CY	MD 355 - STA. 304+59 TO STA. 304+73, (MEDIAN CUT-THROUGH)
2 CY	MD 355 - STA. 305+95 TO STA. 306+04, (MEDIAN CUT-THROUGH)

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

BY: Graham

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

30' 0 30' 60'
SCALE: 1" = 30'

ROADWAY LEGEND	R /W PLAT NUMBER	CROSS REFERENCE	REVISIONS
FULL DEPTH RECONSTRUCTION GRIND AND OVERLAY CONCRETE SIDEWALK / SHARED USE PATH DECORATIVE PAVEMENT EXISTING SIDEWALK / PAVEMENT REMOVAL		ITEM — SHEET NOs. TYPICAL SHEETS — 4, 6 INTERSECTION DETAIL SHEETS — 12 PIPE & DRAINAGE SCHEDULE — 41 GEOMETRIC LAYOUT SHEETS — 11 TRAFFIC CONTROL SHEETS — 29, 29, 29, 34, 35, 40 EROSION & SEDIMENT CONTROL — 44, 49, 53 SIGNING & MARKING PLANS — 89 LANDSCAPE PLAN SHEETS — 56	

ROADWAY PLAN

SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. MO5935470

DESIGNED BY JMJ
DRAWN BY JMJ
CHECKED BY MA
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE
HORIZONTAL SCALE
VERTICAL SCALE

DRAWING NO. PS-1 OF 5 SHEET NO. 16 OF 91

PLOTTED: Friday, April 09, 2010 AT 04:16 PM
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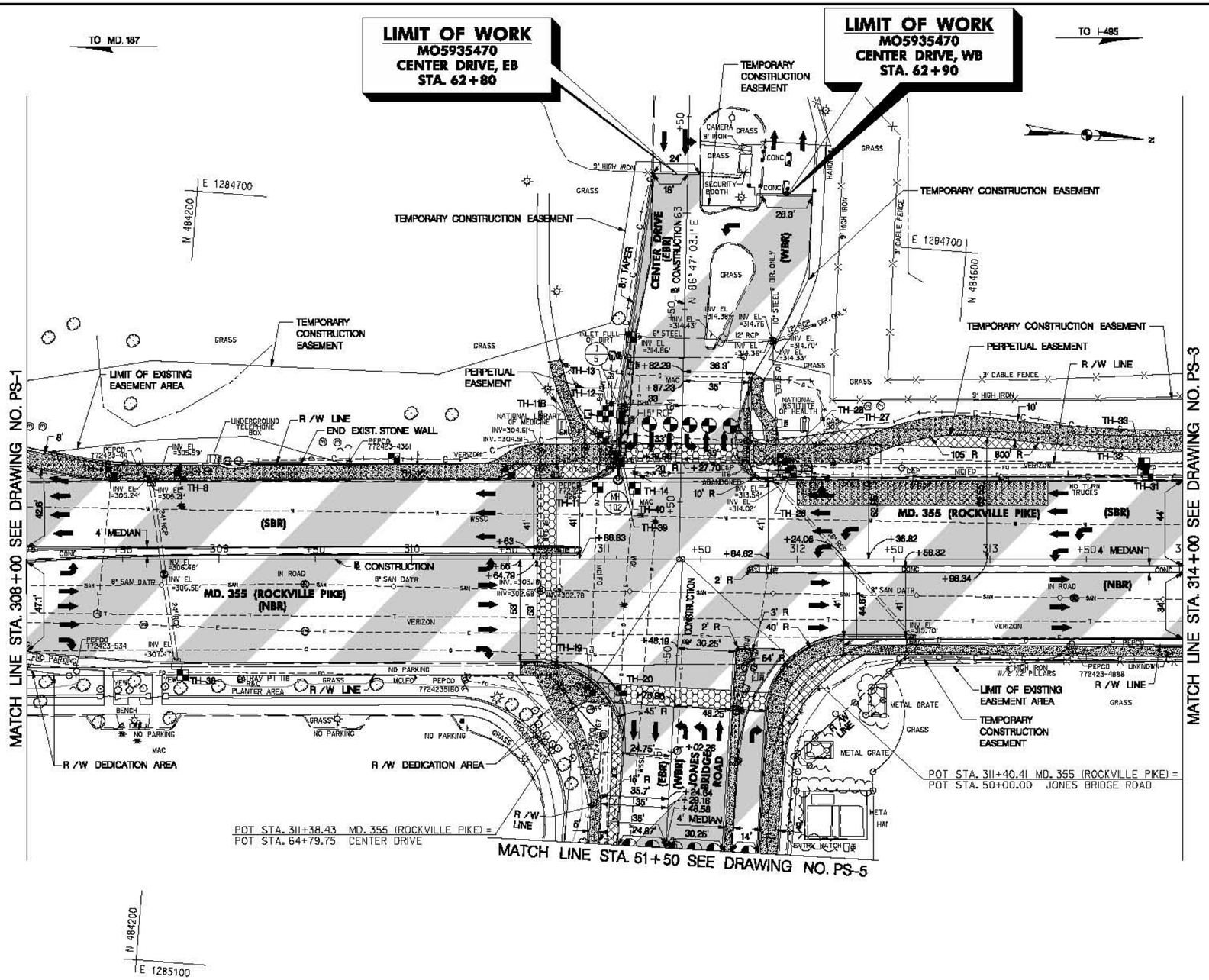


NOTE: FOR ADDITIONAL STAKEOUT INFORMATION, SEE INTERSECTION DETAIL ON DWG. NO. DE-5

CONCRETE BUS PAD

DATUM: NAD 83/91 Horizontal
NAVD 88 Vertical

QUANTITY NOTES

MODIFIED MD 5HA TYPE A COMBINATION CURB & GUTTER, 12 INCH GUTTER PAN, 12 INCH DEPTH. SEE DETAIL ON DWG. NO. DE-2

24 LF	MD 355 - STA. 310+63 TO STA. 310+86.83, LT.
31 LF	MD 355 - STA. 310+86.83, LT. TO CENTER DR. - STA. 64+19.96, RT.
140 LF	CENTER DR. - STA. 62+80 TO STA. 64+19.96, RT.
46 LF	CENTER DR. - STA. 63+82.29 TO STA. 64+27.70, LT.
16 LF	CENTER DR. - STA. 64+27.70, LT. TO MD 355 - STA. 311+84.62, LT.
9 LF	MD 355 - STA. 310+54 TO STA. 310+64.79, RT.
74 LF	MD 355 - STA. 310+64.79, RT. TO JONES BRIDGE RD. - STA. 51+02.26, RT.
12 LF	JONES BRIDGE RD. - STA. 50+46.19 TO STA. 50+58.17, LT. (MEDIAN)
3 LF	JONES BRIDGE RD. - STA. 50+58.17, LT. TO MD 355 - STA. 311+69.90, RT. (JONES BRIDGE RD. MEDIAN)
4 LF	MD 355 - STA. 311+69.90 TO STA. 311+73.65, RT. (JONES BRIDGE MEDIAN)
6 LF	MD 355 - STA. 311+73.65, RT. TO JONES BRIDGE RD. - STA. 50+47.88, LT. (JONES BRIDGE RD. MEDIAN)
11 LF	JONES BRIDGE RD. - STA. 50+47.88 TO STA. 50+58.17, LT. (MEDIAN)
74 LF	JONES BRIDGE RD. - STA. 50+75.96 TO STA. 51+50, LT.
61 LF	JONES BRIDGE RD. - STA. 50+75.96 TO MD 355 - STA. 312+24.06, RT.
33 LF	MD 355 - STA. 312+24.06 TO STA. 312+56.32, RT.

MONOLITHIC CONCRETE MEDIAN 4 FEET 0 INCH WIDE TYPE A-3 (STD. NO. MD 645.01)

14 LF	MD 355 - STA. 310+63 TO STA. 310+77, LT. (MEDIAN CUT-THROUGH)
4 LF	MD 355 - STA. 311+76.27 TO STA. 311+80.27, RT. (MEDIAN)
72 LF	JONES BRIDGE RD. - STA. 50+78.07 TO STA. 51+50, LT. (MEDIAN)

MONOLITHIC CONCRETE MEDIAN VARIABLE WIDTH TYPE A-2, 4 FEET 0 INCH TO 6 FEET 0 INCH (STD. NO. MD 645.01)

20 LF	JONES BRIDGE RD. - STA. 50+58.17 TO STA. 50+78.07, LT. (MEDIAN)

REMOVAL OF EXISTING PAVEMENT

7 CY	JONES BRIDGE RD. - STA. 50+44.7 TO STA. 50+78.6, LT.

REMOVAL OF EXISTING SIDEWALK

2 CY	MD 355 - STA. 310+38 TO STA. 310+65, LT.
3 CY	MD 355 - STA. 310+75 TO STA. 310+97, LT.
1 CY	MD 355 - STA. 310+89 TO STA. 310+98, LT. (LEADWALK)
4 CY	MD 355 - STA. 311+89.7 TO STA. 312+46.5, LT.
7 CY	MD 355 - STA. 312+51 TO STA. 314+00, LT.
5 CY	JONES BRIDGE RD. - STA. 50+79 TO STA. 51+50, RT.
5 CY	JONES BRIDGE RD. - STA. 50+44 TO STA. 51+00, LT.

GRINDING HOT MIX ASPHALT PAVEMENT - 2 INCH TO 4 INCH

5570 SY	MD 355 - STA. 308+00 TO STA. 314+00
825 SY	JONES BRIDGE RD. - STA. 50+48 TO STA. 51+50
1067 SY	CENTER DR. - STA. 62+80 TO STA. 64+39

5 INCH CONCRETE SIDEWALK

2687 SF	MD 355 - STA. 308+00 TO STA. 311+06.10 LT.
279 SF	CENTER DR. - STA. 63+77.71 TO STA. 64+21.21, RT.
731 SF	MD 355 - STA. 310+56, RT. TO JONES BRIDGE RD. - STA. 50+92.91, RT.
289 SF	JONES BRIDGE RD. - STA. 50+92.91 TO STA. 51+50, RT.
581 SF	JONES BRIDGE RD. - STA. 50+84.58 TO STA. 51+50, LT.
659 SF	JONES BRIDGE RD. - STA. 50+84.58, LT. TO MD 355 - STA. 312+24.06, RT.
222 SF	CENTER DR. - STA. 63+82.62 TO STA. 64+19.06, LT.
147 SF	CENTER DR. - STA. 64+17.25, LT. TO MD 355 - STA. 311+88.49, LT.
2142 SF	MD 355 - STA. 311+88.49 TO STA. 314+00, LT.
880 SF	MD 355 - STA. 312+24.06 TO STA. 314+00, RT.

TRAFFIC BEARING DECORATIVE CROSSWALK SEE DETAILS ON DWG. NO. LD-07

62 SY	MD. 355 (NBR) - STA. 310+70 (CROSSWALK)
37 SY	MD. 355 (SBR) - STA. 310+70 (CROSSWALK)
73 SY	JONES BRIDGE RD. - STA. 50+72, LT. & RT. (CROSSWALK)
15 SY	JONES BRIDGE RD. (WBR) - STA. 50+72, LT. OF MEDIAN (CROSSWALK)
75 SY	CENTER DR. - STA. 64+25, LT. & RT. (CROSSWALK)

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

ROADWAY PLAN

SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. MO5935470

DESIGNED BY JMJ
DRAWN BY JMJ
CHECKED BY MA
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE
HORIZONTAL SCALE
VERTICAL SCALE

DRAWING NO. PS-2 OF 5 SHEET NO. 18 OF 91

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

30' 0 30' 60'
SCALE: 1" = 30'

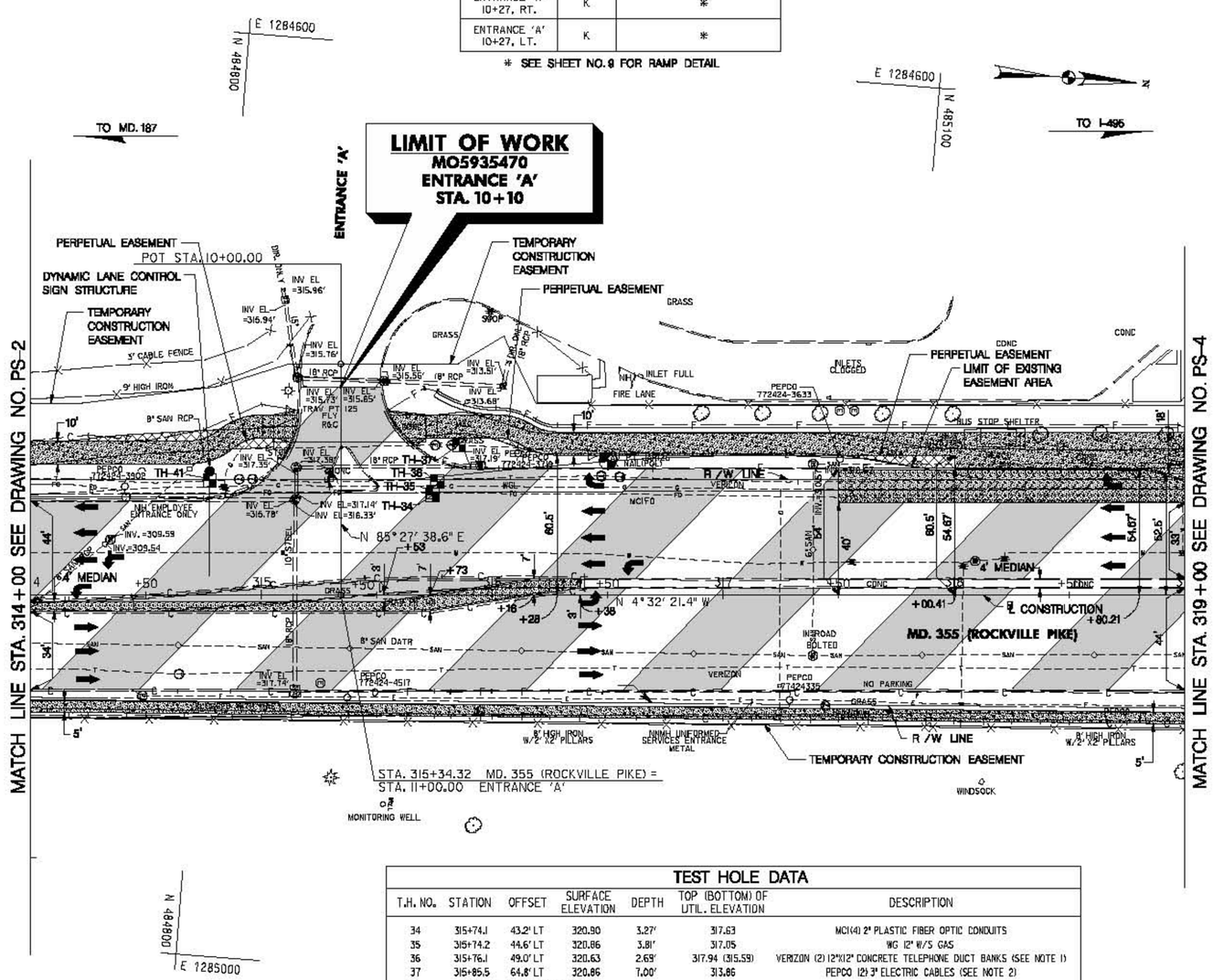
ROADWAY LEGEND	R /W PLAT NUMBER	CROSS REFERENCE		REVISIONS
FULL DEPTH RECONSTRUCTION		ITEM	SHEET NOs.	
GRIND AND OVERLAY		TYPICAL SHEETS	4, 5, 6	
CONCRETE SIDEWALK / SHARED USE PATH		INTERSECTION DETAIL SHEETS	13	
DECORATIVE PAVEMENT		PIPE & DRAINAGE SCHEDULE	41	
EXISTING SIDEWALK / PAVEMENT REMOVAL		GEOMETRIC LAYOUT SHEETS	11	
		TRAFFIC CONTROL SHEETS	24, 28, 30, 34, 36, 40	
		EROSION & SEDIMENT CONTROL	48, 50, 54	
		SIGNING & MARKING PLANS	59	
		LANDSCAPE PLAN SHEETS	67	

BY: Graham

PLOTTED: Thursday, April 08, 2010 AT 02:44 PM
FILE: n:\2008\transportation\27267-06 brac-mo355 @ jones bridge rd\sheet\ph3-P002_MO355.dgn

ADA SIDEWALK RAMP		
STATION	TYPE	STANDARD NO.
ENTRANCE 'A' 10+27, RT.	K	*
ENTRANCE 'A' 10+27, LT.	K	*

* SEE SHEET NO. 9 FOR RAMP DETAIL



TEST HOLE DATA						
T.H. NO.	STATION	OFFSET	SURFACE ELEVATION	DEPTH	TOP (BOTTOM) OF UTIL. ELEVATION	DESCRIPTION
34	315+74.1	43.2' LT	320.90	3.27'	317.63	MCI(4) 2" PLASTIC FIBER OPTIC CONDUITS
35	315+74.2	44.6' LT	320.86	3.81'	317.05	WG 12" W/S GAS
36	315+76.1	49.0' LT	320.63	2.69'	317.94 (315.59)	VERIZON (2) 12"X12" CONCRETE TELEPHONE DUCT BANKS (SEE NOTE 1)
37	315+85.5	64.8' LT	320.86	7.00'	313.86	PEPCO (2) 3" ELECTRIC CABLES (SEE NOTE 2)
41	TEST HOLE TO BE REQUESTED					

NOTE: 1 25" WIDE ROUGH POUR CONCRETE OVER (2) 12"X12" CONCRETE DUCT BANKS. ELEVATION IS TO THE TOP OF THE ROUGH POUR CONCRETE.

NOTE: 2 OPENED ELECTRIC MANHOLE AND MEASURED DOWN TO TOP OF (2) 3" ELECTRIC CABLES AT THE WALL OF THE BOX WHERE THEY EXIT AND GO UNDERGROUND. THERE IS A DISTANCE OF 0.50' BETWEEN THE CABLES.

NOTE: FOR ADDITIONAL STAKEOUT INFORMATION, SEE INTERSECTION DETAIL ON DWG. NO. DE-8

CONCRETE BUS PAD

DATUM: NAD 83/91 Horizontal
NAVD 88 Vertical

QUANTITY NOTES

MODIFIED MD SHA TYPE A COMBINATION CURB & GUTTER, 12 INCH GUTTER PAN, 12 INCH DEPTH. SEE DETAIL ON DWG. NO. DE-2	
23 LF	ENTRANCE A - STA. 10+19.62 TO STA. 10+40.82, RT.
21 LF	ENTRANCE A - STA. 10+19.89 TO STA. 10+36.15, LT.

MODIFIED TYPE A CURB, 8 INCH X 20 INCH (SEE DETAIL ON DWG. NO. DE-2)	
59 LF	MD 355 - STA. 315+66, RT. TO STA. 316+25, LT. (MEDIAN)
59 LF	MD 355 - STA. 315+66, RT. TO STA. 316+25, LT. (MEDIAN)

MONOLITHIC CONCRETE MEDIAN 4 FEET 0 INCH WIDE TYPE A-2 (STD. NO. MD 645.01)	
153 LF	MD 355 - STA. 314+00 TO STA. 315+53, RT. (MEDIAN)

MONOLITHIC CONCRETE MEDIAN VARIABLE WIDTH TYPE A-2, 4 FEET 0 INCH TO 6 FEET 0 INCH (STD. NO. MD 645.01)	
13 LF	MD 355 - STA. 315+53 TO STA. 315+66, RT. (MEDIAN)
13 LF	MD 355 - STA. 316+25 TO STA. 316+38, LT. (MEDIAN)

REMOVAL OF EXISTING SIDEWALK	
2 CY	MD 355 - STA. 314+17 TO STA. 314+81.3, LT.
2 CY	MD 355 - STA. 314+87.2 TO STA. 315+12.6, LT.
1 CY	MD 355 - STA. 315+98.3 TO STA. 316+20.4, LT.
3 CY	MD 355 - STA. 317+51.2 TO STA. 318+00.4, LT.

GRINDING HOT MIX ASPHALT PAVEMENT - 2 INCH TO 4 INCH	
4470 SY	MD 355 - STA. 314+00 TO STA. 319+00
280 SY	ENTRANCE 'A' - STA. 10+10 TO STA. 10+60

5 INCH CONCRETE SIDEWALK	
2560 SF	MD 355 - STA. 314+00 TO STA. 319+00, RT.
1030 SF	MD 355 - STA. 314+00 TO STA. 315+00.32, LT.
160 SF	ENTRANCE 'A' - STA. 10+20 TO STA. 10+33.87, RT.
184 SF	ENTRANCE 'A' - STA. 10+20.20 TO STA. 10+33.37, LT.
3738 SF	MD 355 - STA. 315+76.04 TO STA. 319+00, LT.

12 INCH JOINTED PLAIN PORTLAND CEMENT CONCRETE MIX 9 (BUS PAD)	
215 SY	MD 355 - STA. 317+50 TO STA. 319+00, LT.

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

30' 0 30' 60'
SCALE: 1" = 30'

ROADWAY LEGEND
FULL DEPTH RECONSTRUCTION
GRIND AND OVERLAY
CONCRETE SIDEWALK / SHARED USE PATH
DECORATIVE PAVEMENT
EXISTING SIDEWALK / PAVEMENT REMOVAL

R/W PLAT NUMBER

CROSS REFERENCE	
ITEM	SHEET NOs.
TYPICAL SHEETS	5
INTERSECTION DETAIL SHEETS	14
PIPE & DRAINAGE SCHEDULE	NA
GEOMETRIC LAYOUT SHEETS	11
TRAFFIC CONTROL SHEETS	25, 28, 31, 34, 37, 40
EROSION & SEDIMENT CONTROL	46, 61, 66
SIGNING & MARKING PLANS	89
LANDSCAPE PLAN SHEETS	88

REVISIONS

ROADWAY PLAN

SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. MO5935470

DESIGNED BY JMJ
DRAWN BY JMJ
CHECKED BY MA
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE
HORIZONTAL SCALE
VERTICAL SCALE

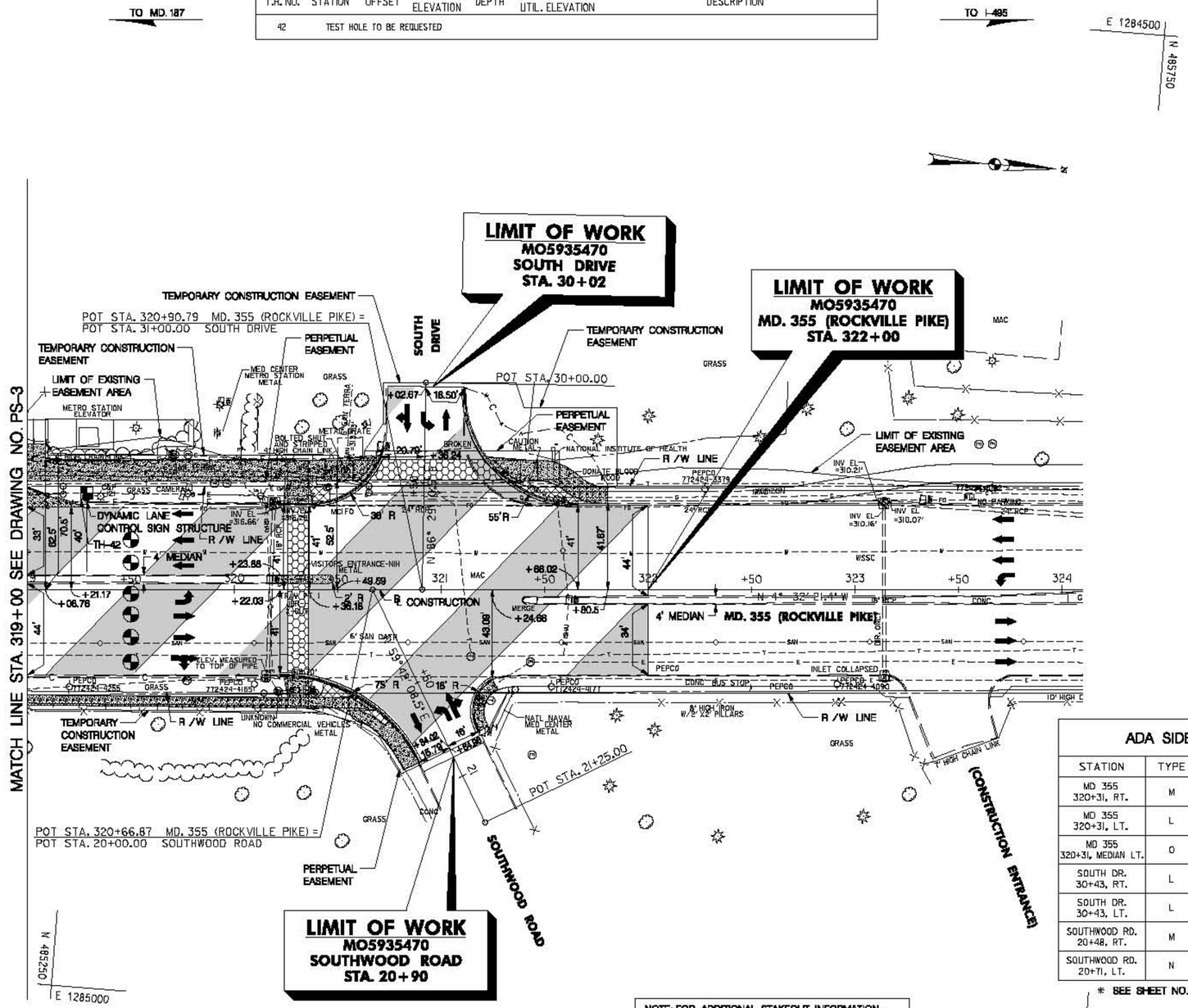
DRAWING NO. PS-3 OF 5 SHEET NO. 20 OF 91

PLOTTED: Thursday, April 08, 2010 AT 04:31 PM
FILE: S:\JOB\Transportation\27267-03 BRAC-MD355 @ Jones Bridge Rd\CADD\sHD-P003_MD355-03.dgn

BY: Graham

TEST HOLE DATA

T.H. NO.	STATION	OFFSET	SURFACE ELEVATION	DEPTH	TOP (BOTTOM) OF UTIL. ELEVATION	DESCRIPTION
42	TEST HOLE TO BE REQUESTED					



ADA SIDEWALK RAMP		
STATION	TYPE	STANDARD NO.
MD 355 320+31, RT.	M	*
MD 355 320+31, LT.	L	*
MD 355 320+31, MEDIAN LT.	O	MD 655.21
SOUTH DR. 30+43, RT.	L	*
SOUTH DR. 30+43, LT.	L	*
SOUTHWOOD RD. 20+48, RT.	M	*
SOUTHWOOD RD. 20+71, LT.	N	MD 655.12

* SEE SHEET NO. 9 FOR RAMP DETAIL

NOTE: FOR ADDITIONAL STAKEOUT INFORMATION, SEE INTERSECTION DETAIL ON DWG. NO. DE-7

DATUM: NAD 8391 Horizontal
NAVD 88 Vertical

CONCRETE BUS PAD

QUANTITY NOTES

MODIFIED MD SHA TYPE A COMBINATION CURB & GUTTER, 12 INCH GUTTER PAN, 12 INCH DEPTH. SEE DETAIL ON DWG. NO. DE-2	
13 LF	MD 355 - STA. 320+23.88 TO STA. 320+36.18, LT.
45 LF	MD 355 - STA. 320+36.18, LT. TO SOUTH DR. - STA. 30+36.24, RT.
88 LF	SOUTH DR. - STA. 30+02.67, LT. TO MD 355 - STA. 321+68.02, LT.
84 LF	MD 355 - STA. 320+22.03, RT. TO SOUTHWOOD DR. - STA. 20+84.98, RT.
30 LF	SOUTHWOOD DR. - STA. 20+84.02, LT. TO MD 355 - STA. 321+24.68, RT.

MONOLITHIC CONCRETE MEDIAN 4 FEET 0 INCH WIDE TYPE A-3 (STD. NO. MD 654.01)	
24 LF	MD 355 - STA. 320+23.84 TO STA. 320+47.84, LT. (MEDIAN)

REMOVAL OF EXISTING SIDEWALK	
2 CY	MD 355 - STA. 320+35.8 TO STA. 320+46, LT.
2 CY	MD 355 - STA. 321+35.1 TO STA. 321+77.7, LT.
1 CY	MD 355 - STA. 320+39.1 TO STA. 320+57.5, RT.
1 CY	MD 355 - STA. 320+48.6 TO STA. 320+56.5, RT.
1 CY	SOUTHWOOD RD. - STA. 20+48.9 TO STA. 20+61.5, RT.

5 INCH CONCRETE SIDEWALK	
838 SF	MD 355 - STA. 319+00 TO STA. 320+47.43, RT.
389 SF	SOUTHWOOD DR. - STA. 20+42.69 TO STA. 20+84.98, RT.
1692 SF	MD 355 - STA. 319+00 TO STA. 320+49.59, LT.
124 SF	SOUTHWOOD RD. - STA. 20+84.02, LT. TO MD 355 - STA. 321+24.68, RT.
369 SF	SOUTH DR. - STA. 30+35.35, LT. TO MD 355 - STA. 321+80.50, LT.

GRINDING HOT MIX ASPHALT PAVEMENT - 2 INCH TO 4 INCH	
2615 SY	MD 355 - STA. 319+00 TO STA. 322+00
290 SY	SOUTH DR. - STA. 30+02 TO STA. 30+60
205 SY	SOUTHWOOD RD. - STA. 20+20 TO STA. 20+90

TRAFFIC BEARING DECORATIVE CROSSWALK SEE DETAILS ON DWG. NO. LD-07	
49 SY	MD. 355 (NBR) - STA. 320+31 (CROSSWALK)
37 SY	MD. 355 (SBR) - STA. 320+31 (CROSSWALK)
63 SY	SOUTH DR. - STA. 30+43, LT. & RT. (CROSSWALK)

12 INCH JOINTED PLAIN PORTLAND CEMENT CONCRETE MIX 9 (BUS PAD)	
10 SY	MD 355 - STA. 319+00 TO STA. 319+25.41, LT.

DETECTABLE WARNING SURFACE (SEE DETAIL ON DWG. NO. LD-07)	
20 SF	MD 355 - STA. 320+31, RT.
20 SF	MD 355 - STA. 320+31, LT.
20 SF	MD 355 - STA. 320+31, MEDIAN LT.
20 SF	MD 355 - STA. 320+31, MEDIAN LT.
25 SF	SOUTH DR. - STA. 30+43, RT.
30 SF	SOUTH DR. - STA. 30+43, LT.
21 SF	SOUTHWOOD RD. - STA. 20+48, RT.
14 SF	SOUTHWOOD RD. - STA. 20+71, LT.

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

BY: Graham

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

30' 0 30' 60'
SCALE: 1" = 30'

ROADWAY LEGEND
FULL DEPTH RECONSTRUCTION
GRIND AND OVERLAY
CONCRETE SIDEWALK / SHARED USE PATH
DECORATIVE PAVEMENT
EXISTING SIDEWALK / PAVEMENT REMOVAL

R/W PLAT NUMBER

CROSS REFERENCE	
ITEM	SHEET NOs.
TYPICAL SHEETS	5
INTERSECTION DETAIL SHEETS	18
PIPE & DRAINAGE SCHEDULE	NA
GEOMETRIC LAYOUT SHEETS	11
TRAFFIC CONTROL SHEETS	26, 29, 32, 34, 38, 40
EROSION & SEDIMENT CONTROL	47, 52, 56
SIGNING & MARKING PLANS	59
LANDSCAPE PLAN SHEETS	59

REVISIONS

ROADWAY PLAN

SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. MO5935470

DESIGNED BY JMJ
DRAWN BY JMJ
CHECKED BY MA
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE
HORIZONTAL SCALE
VERTICAL SCALE

DRAWING NO. PS-4 OF 5 SHEET NO. 21 OF 91

PLOTTED: Thursday, April 08, 2010 AT 12:45 PM
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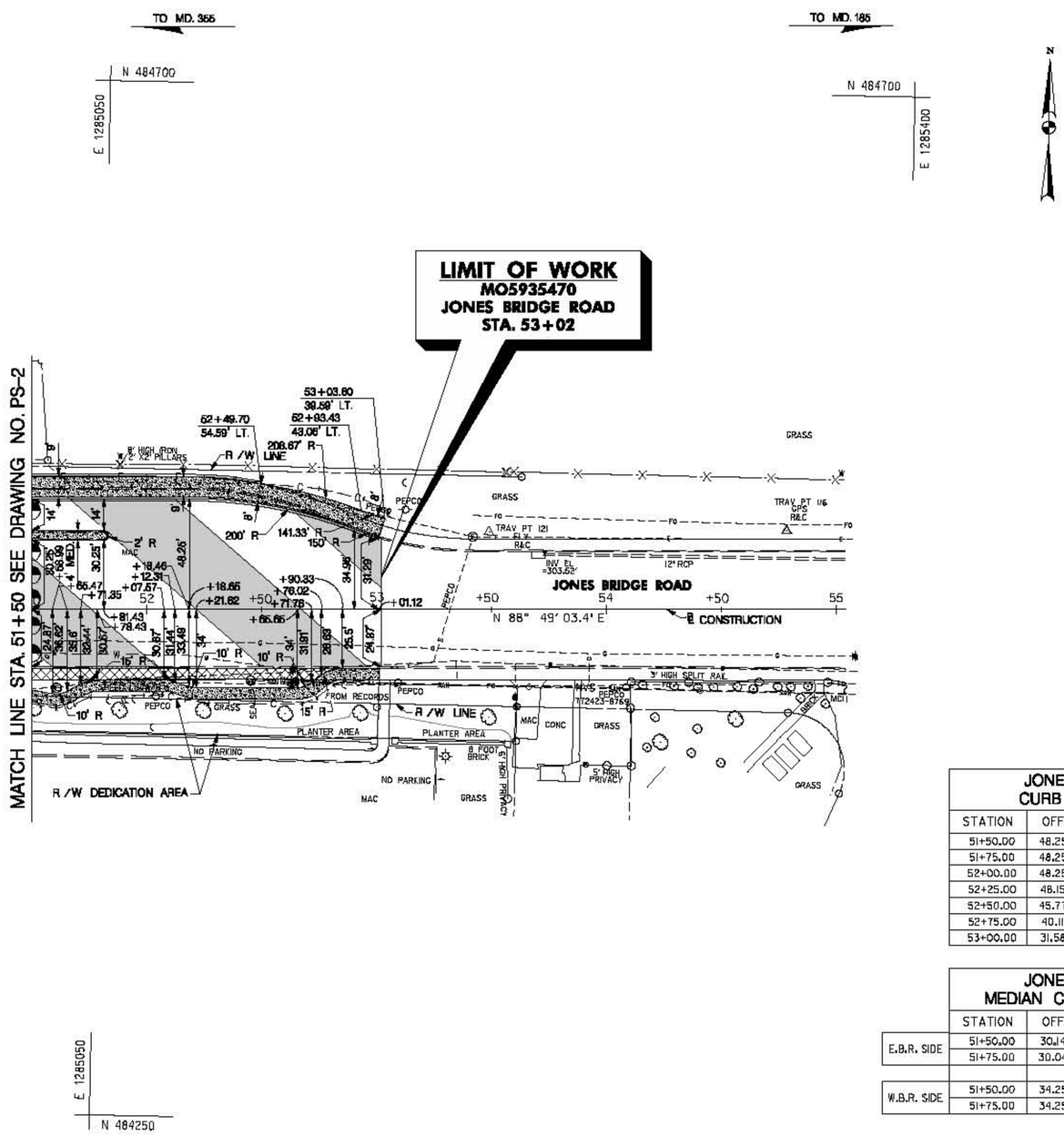


JONES BRIDGE ROAD CURB STAKEOUT DATA		
STATION	OFFSET	FLOW LINE ELEVATION
51+50.00	48.25' LT.	314.15
51+75.00	48.25' LT.	313.56
52+00.00	48.25' LT.	312.90
52+25.00	48.15' LT.	312.27
52+50.00	45.77' LT.	311.50
52+75.00	40.11' LT.	310.67
53+00.00	31.58' LT.	309.82

JONES BRIDGE ROAD MEDIAN CURB STAKEOUT DATA			
	STATION	OFFSET	FLOW LINE ELEVATION
E.B.R. SIDE	51+50.00	30.14' LT.	314.42
	51+75.00	30.04' LT.	313.89
W.B.R. SIDE	51+50.00	34.25' LT.	314.35
	51+75.00	34.25' LT.	313.85

DATUM: NAD 83/91 Horizontal
NAVD 88 Vertical

QUANTITY NOTES

MODIFIED MD SHA TYPE A COMBINATION CURB & GUTTER, 12 INCH GUTTER PAN, 12 INCH DEPTH. SEE DETAIL ON DWG. NO. DE-2	
152 LF	JONES BRIDGE RD. - STA. 51+50 TO STA. 53+01.12, LT.

MONOLITHIC CONCRETE MEDIAN 4 FEET 0 INCH WIDE TYPE A-3 (STD. NO. MD 645.01)	
34 LF	JONES BRIDGE RD. - STA. 51+50 TO STA. 51+83.43, LT. (MEDIAN)

5 INCH CONCRETE SIDEWALK	
773 SF	JONES BRIDGE RD. - STA. 51+50 TO STA. 53+01.12, RT.
1324 SF	JONES BRIDGE RD. - STA. 51+50 TO STA. 53+01.12, LT.

REMOVAL OF EXISTING SIDEWALK	
10 CY	JONES BRIDGE RD. - STA. 51+50 TO STA. 52+85.2, RT.

GRINDING HOT MIX ASPHALT PAVEMENT - 2 INCH TO 4 INCH	
1160 SY	JONES BRIDGE RD. - STA. 51+50 TO STA. 53+02

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

BY: Graham

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

30' 0 30' 60'
SCALE: 1" = 30'

ROADWAY LEGEND
FULL DEPTH RECONSTRUCTION
GRIND AND OVERLAY
CONCRETE SIDEWALK / SHARED USE PATH
DECORATIVE PAVEMENT
EXISTING SIDEWALK / PAVEMENT REMOVAL

R /W PLAT NUMBER

CROSS REFERENCE	
ITEM	SHEET NOs.
TYPICAL SHEETS	8
INTERSECTION DETAIL SHEETS	NA
PIPE & DRAINAGE SCHEDULE	NA
GEOMETRIC LAYOUT SHEETS	11
TRAFFIC CONTROL SHEETS	27, 28, 93, 94, 99, 40
EROSION & SEDIMENT CONTROL	48
SIGNING & MARKING PLANS	89
LANDSCAPE PLAN SHEETS	90

REVISIONS

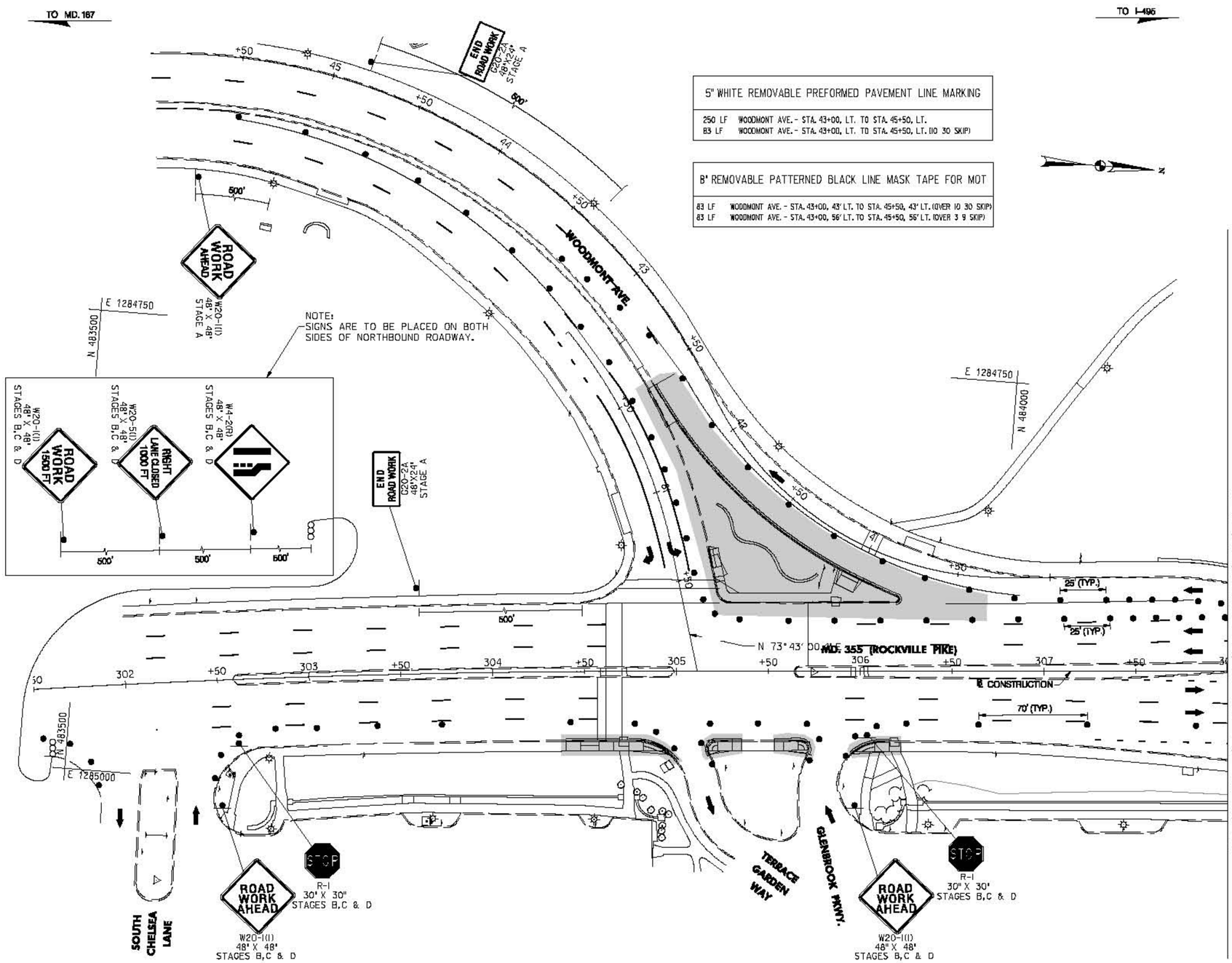
PLOTTED: Thursday, April 08, 2010 AT 12:40 PM
FILE: n:\3006\transportation\27267-06 brac-mc355 @ jones bridge rd\sector\prl-D-P005_MO355.dgn

ROADWAY PLAN

SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. MO5935470

DESIGNED BY JMJ
DRAWN BY JMJ
CHECKED BY MA
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE
HORIZONTAL SCALE
VERTICAL SCALE

DRAWING NO. PS-5 OF 5 SHEET NO. 22 OF 91

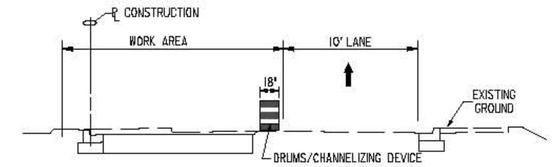


5" WHITE REMOVABLE PREFORMED PAVEMENT LINE MARKING	
250 LF	WOODMONT AVE. - STA. 43+00, LT. TO STA. 45+50, LT.
83 LF	WOODMONT AVE. - STA. 43+00, LT. TO STA. 45+50, LT. (10 30 SKIP)

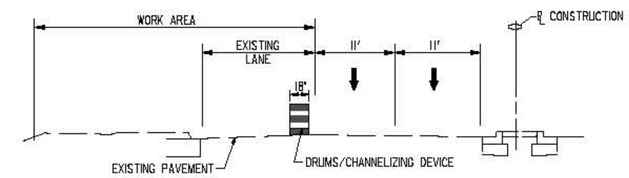
8" REMOVABLE PATTERNED BLACK LINE MASK TAPE FOR MOT	
83 LF	WOODMONT AVE. - STA. 43+00, 43' LT. TO STA. 45+50, 43' LT. (OVER 10 30 SKIP)
83 LF	WOODMONT AVE. - STA. 43+00, 56' LT. TO STA. 45+50, 56' LT. (OVER 3 9 SKIP)

PHASE 1 STAGE A CONSTRUCTION SEQUENCE

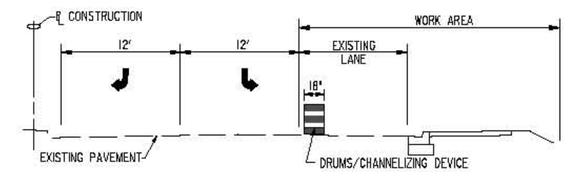
1. PLACE TRAFFIC CONTROL DEVICES AS SHOWN ON THE PLANS FOR SINGLE LANE CLOSURE ALONG WOODMONT AVE.
2. INSTALL SEDIMENT CONTROL MEASURES FOR THE WORK AREA.
3. CONSTRUCT CURB & GUTTER AND FULL DEPTH PAVEMENT ALONG PART OF WOODMONT AVE.
4. REMOVE REMOVABLE PATTERNED BLACK MASK TAPE AND 5' WHITE REMOVABLE PREFORMED PAVEMENT LINE MARKING FROM STA. 43+00 STA. 45+50 AND SHIFT TRAFFIC BACK TO EXISTING LANES.
4. AT THE END OF EACH WORKING DAY REMOVE TRAFFIC CONTROL DEVICES.



TYPICAL SECTION PHASE 1 STAGE A
STA. 40+00 TO STA 42+40 (WOODMONT AVE)



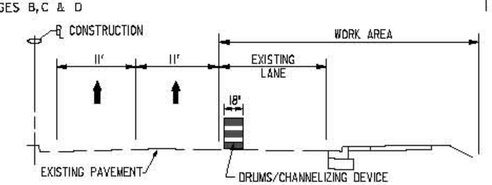
TYPICAL SECTION PHASE 1 STAGE A
STA. 305+00 TO STA. 308+00 (MD 355)



TYPICAL SECTION PHASE 1 STAGE A
STA. 80+27 TO STA. 81+55 (WOODMONT AVE)

PHASE 1 STAGE B CONSTRUCTION SEQUENCE

1. PLACE TRAFFIC CONTROL DEVICES ON MD 355 NB FOR SINGLE LANE CLOSURES AS SHOWN ON THE PLANS.
2. INSTALL SEDIMENT CONTROL MEASURES FOR THE WORK AREA.
3. CONSTRUCT NEW SIDEWALK AND CURB AND GUTTER FROM STA. 304+40, RT. TO STA. 306+25, RT.
4. AT THE END OF EACH WORKING DAY REMOVE TRAFFIC CONTROL DEVICES.



TYPICAL SECTION PHASE 1 STAGE B
STA. 302+50 TO STA. 307+00 (MD 355)

MOT LEGEND

- WORK AREA
- TEMPORARY TRAFFIC SIGN SIGN FACE
- DIRECTION OF TRAFFIC
- CHANNELIZING DEVICES
- TYPE III BARRICADE
- ARROW PANEL

30' 0 30' 60'
SCALE: 1" = 30'

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

REVISIONS

SUGGESTED TRAFFIC CONTROL PLAN – PHASE 1

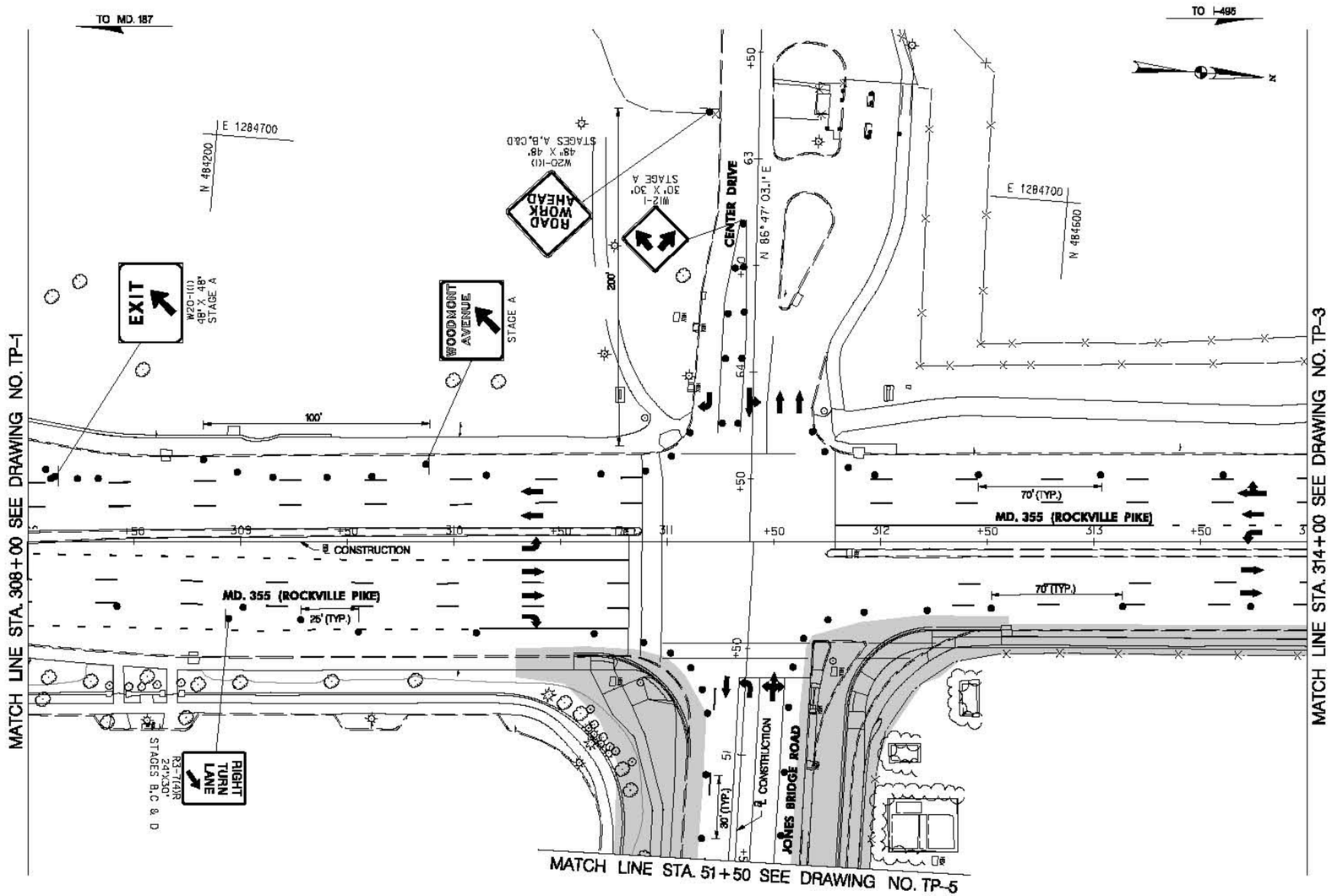
SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. M0693-470

DESIGNED BY	MJ	COUNTY	MONTGOMERY
DRAWN BY	MJ	LOGMILE	
CHECKED BY	MA	HORIZONTAL SCALE	
F.A.P. NO.	SEE TITLE SHEET	VERTICAL SCALE	

DRAWING NO.	TP-1	OF	18	SHEET NO.	28	OF	91

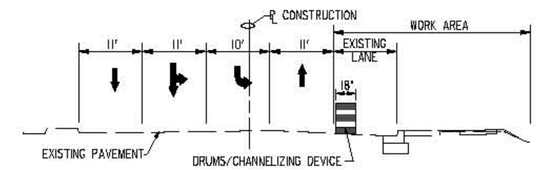
BY: maujohnson

PLOTTED: Thursday, April 08, 2010 AT 05:29 PM
FILE: s:\3000\transportation\37667-06 brac-md355 @ jones bridge rd\sheets\pmt-p1bl_md355-b1.dgn



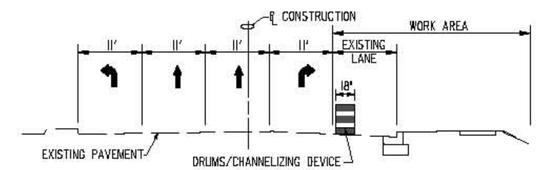
PHASE 1 STAGE C CONSTRUCTION SEQUENCE

1. PLACE TRAFFIC CONTROL DEVICES ON MD 355 NB AND JONES BRIDGE ROAD EASTBOUND FOR SINGLE LANE CLOSURES AS SHOWN ON THE PLANS.
2. INSTALL SEDIMENT CONTROL MEASURES FOR THE WORK AREA.
3. CONSTRUCT NEW SIDEWALK FROM STA. 310+54, RT. (MD 355) TO STA. 53+00, RT. (JONES BRIDGE ROAD).
4. REMOVE EXISTING SIDEWALK FROM STA. 310+54, RT. (MD 355) TO STA. 53+00, RT. (JONES BRIDGE ROAD).
5. CONSTRUCT CURB & GUTTER AND FULL DEPTH WIDENING FROM STA. 310+54, RT. (MD 355) TO STA. STA. 51+03, RT, (JONES BRIDGE ROAD).
6. AT THE END OF EACH WORKING DAY REMOVE TRAFFIC CONTROL DEVICES.



TYPICAL SECTION PHASE 1 STAGE C

STA. 50+50 TO STA. 51+50 (JONES BRIDGE ROAD)

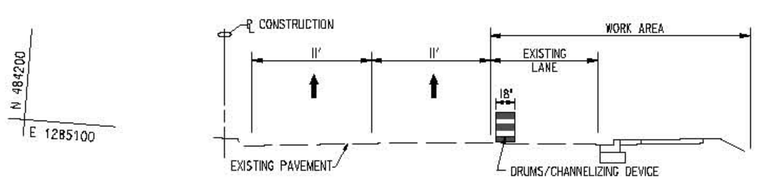


TYPICAL SECTION PHASE 1 STAGE C

STA. 309+50 TO STA. 311+25 (MD 355)

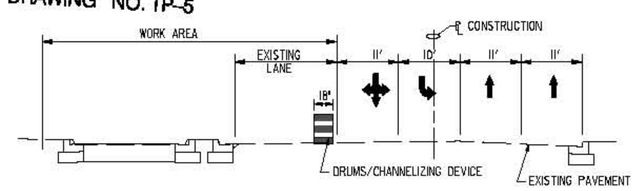
PHASE 1 STAGE D CONSTRUCTION SEQUENCE

1. PLACE TRAFFIC CONTROL DEVICES ON JONES BRIDGE ROAD WESTBOUND FOR LANE CLOSURE AS SHOWN ON THE PLANS.
2. INSTALL SEDIMENT CONTROL MEASURES FOR THE WORK AREA.
3. CONSTRUCT NEW MEDIAN CURB ISLAND FROM STA. 50+42, LT. TO STA. 51+85, LT. (JONES BRIDGE ROAD).
4. UPON COMPLETION OF MEDIAN CONSTRUCTION REOPEN LANE TO ALLOW TWO TROUGH LANES TO CENTER DRIVE, CLOSING ONLY THE RIGHT TURN ONLY LANE.
5. CONSTRUCT IMPROVEMENTS FROM STA. 53+00, LT. (JONES BRIDGE ROAD) TO STA. 320+50, RT. (MD 355).
6. CONSTRUCT IMPROVEMENTS AT THE INTERSECTION OF WOOD ROAD AND MD 355 ONE LANE AT A TIME UNDER FLAGGING OPERATION.
7. AT THE END OF EACH WORKING DAY REMOVE TRAFFIC CONTROL DEVICES.



TYPICAL SECTION PHASE 1 STAGE D

STA. 312+00 TO STA. 314+00 (MD 355)



TYPICAL SECTION – PHASE 1 STAGE D

STA. 50+42 TO STA. 51+50 (JONES BRIDGE ROAD)

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

BY: Graham

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

30' 0 30' 60'
SCALE: 1" = 30'

MOT LEGEND

- WORK AREA
- TEMPORARY TRAFFIC SIGN — SIGN FACE
- DIRECTION OF TRAFFIC
- CHANNELIZING DEVICES
- TYPE III BARRICADE
- ARROW PANEL

NOTE:
CONTRACTOR IS NOT TO CONSTRUCT IMPROVEMENTS ON BOTH SIDES OF JONES BRIDGE ROAD SIMULTANEOUSLY.

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

REVISIONS

SUGGESTED TRAFFIC CONTROL PLAN – PHASE 1

SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. MO9325470

DESIGNED BY MJ
DRAWN BY MJ
CHECKED BY MA
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE
HORIZONTAL SCALE
VERTICAL SCALE

DRAWING NO. TP-2 OF 18 SHEET NO. 24 OF 91

PLOTTED: Thursday, April 08, 2010 AT 02:45 PM
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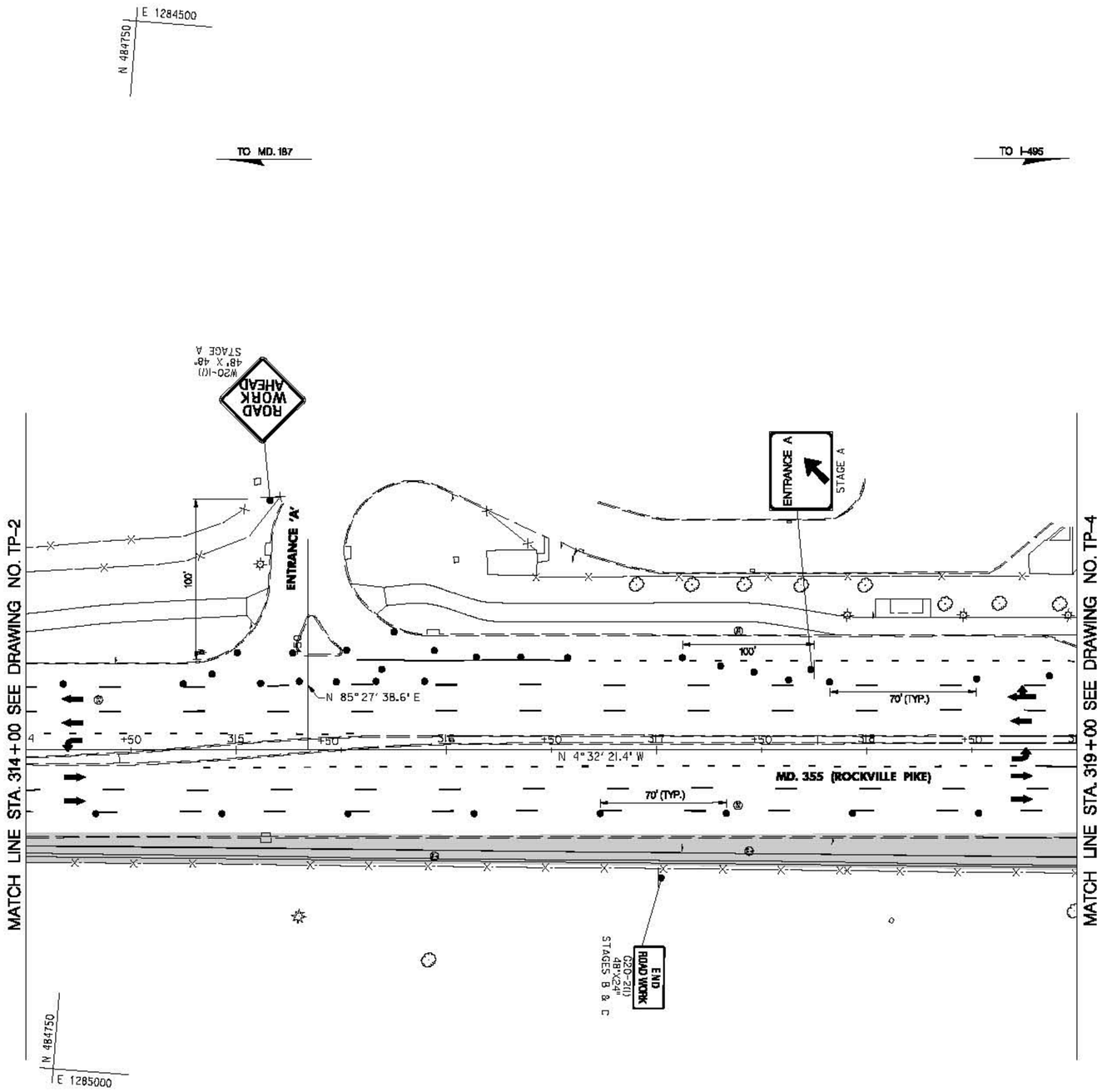

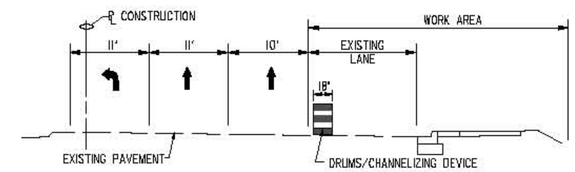

TYPICAL SECTION PHASE 1 STAGE D
STA. 314+00 to STA. 319+00 (MD 355 NB)

REMOVAL OF EXISTING PAVEMENT LINE MARKINGS ANY WIDTH	
58 LF	MD 355 STA. 315+57, 42.8' LT. TO STA. 316+15, 42.7' LT.

MOT LEGEND

- WORK AREA
- TEMPORARY TRAFFIC SIGN — SIGN FACE
- DIRECTION OF TRAFFIC
- CHANNELIZING DEVICES
- TYPE III BARRICADE
- ARROW PANEL

30' 0 30' 60'
SCALE: 1" = 30'

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

BY: Graham

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

REVISIONS

SUGGESTED TRAFFIC CONTROL PLAN – PHASE 1

SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. MO6935170

DESIGNED BY	MJ	COUNTY	MONTGOMERY
DRAWN BY	MJ	LOGMILE	
CHECKED BY	MA	HORIZONTAL SCALE	
F.A.P. NO.	SEE TITLE SHEET	VERTICAL SCALE	

DRAWING NO. TP-3 OF 18 SHEET NO. 25 OF 91

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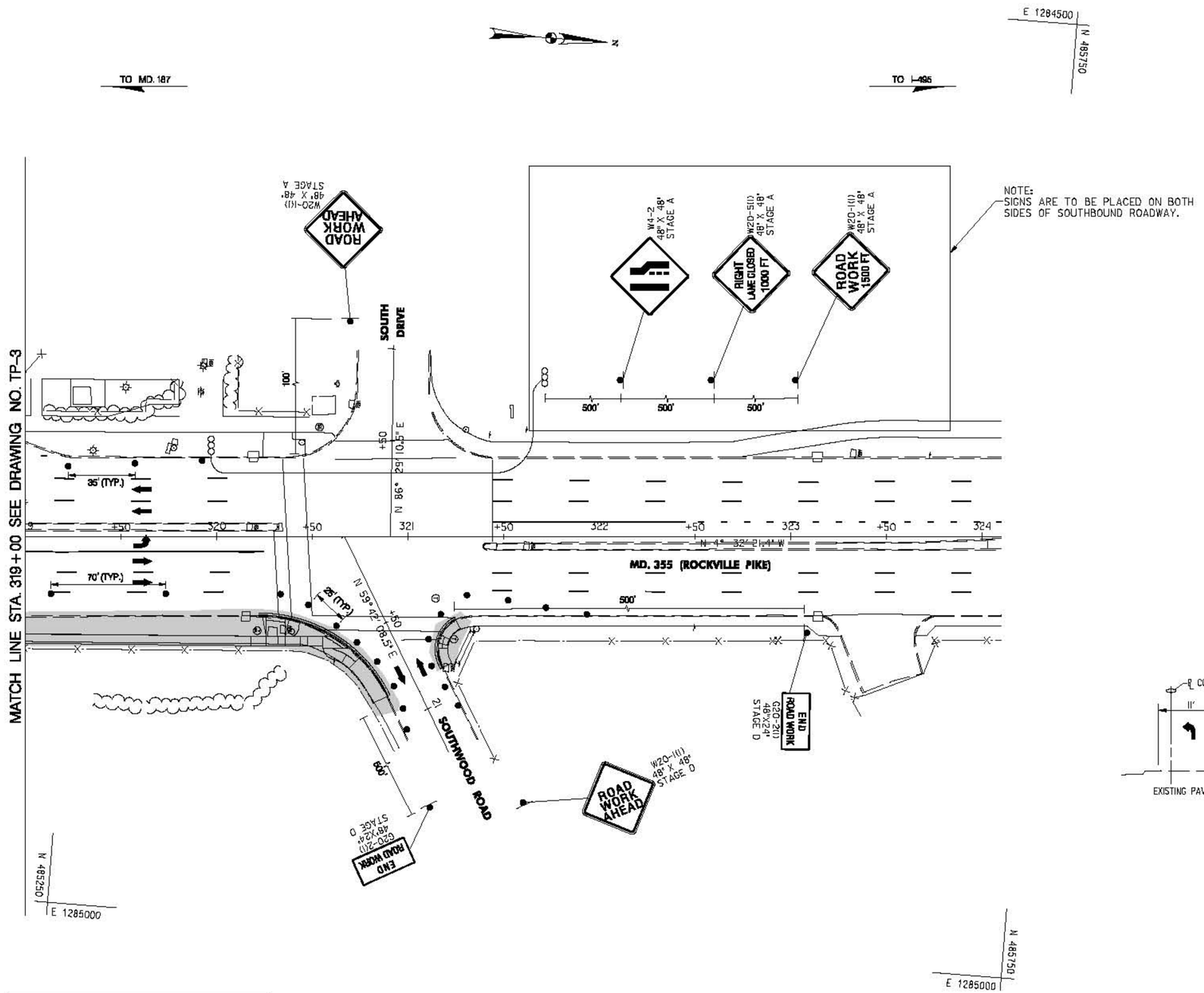

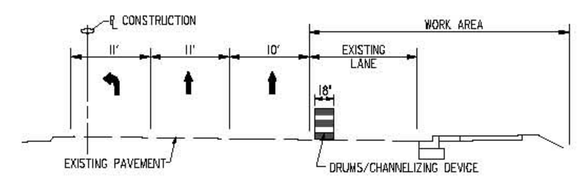

TYPICAL SECTION PHASE 1 STAGE D

STA. 319+00 to STA. 321+00 (MD 355 NB)

MOT LEGEND

- WORK AREA
- TEMPORARY TRAFFIC SIGN / SIGN FACE
- DIRECTION OF TRAFFIC
- CHANNELIZING DEVICES
- TYPE III BARRICADE
- ARROW PANEL

30' 0 30' 60'

SCALE: 1" = 30'

CENTURY ENGINEERING

CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

Maryland Department of Transportation
State Highway Administration

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FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

REVISIONS

SUGGESTED TRAFFIC CONTROL PLAN – PHASE 1

SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. MO6936470

DESIGNED BY MJ
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CHECKED BY MA
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE
HORIZONTAL SCALE
VERTICAL SCALE

DRAWING NO. TP-4 OF 18 SHEET NO. 28 OF 91

BY: maujohnson

PLOTTED: Thursday, April 08, 2010 AT 05:31 PM
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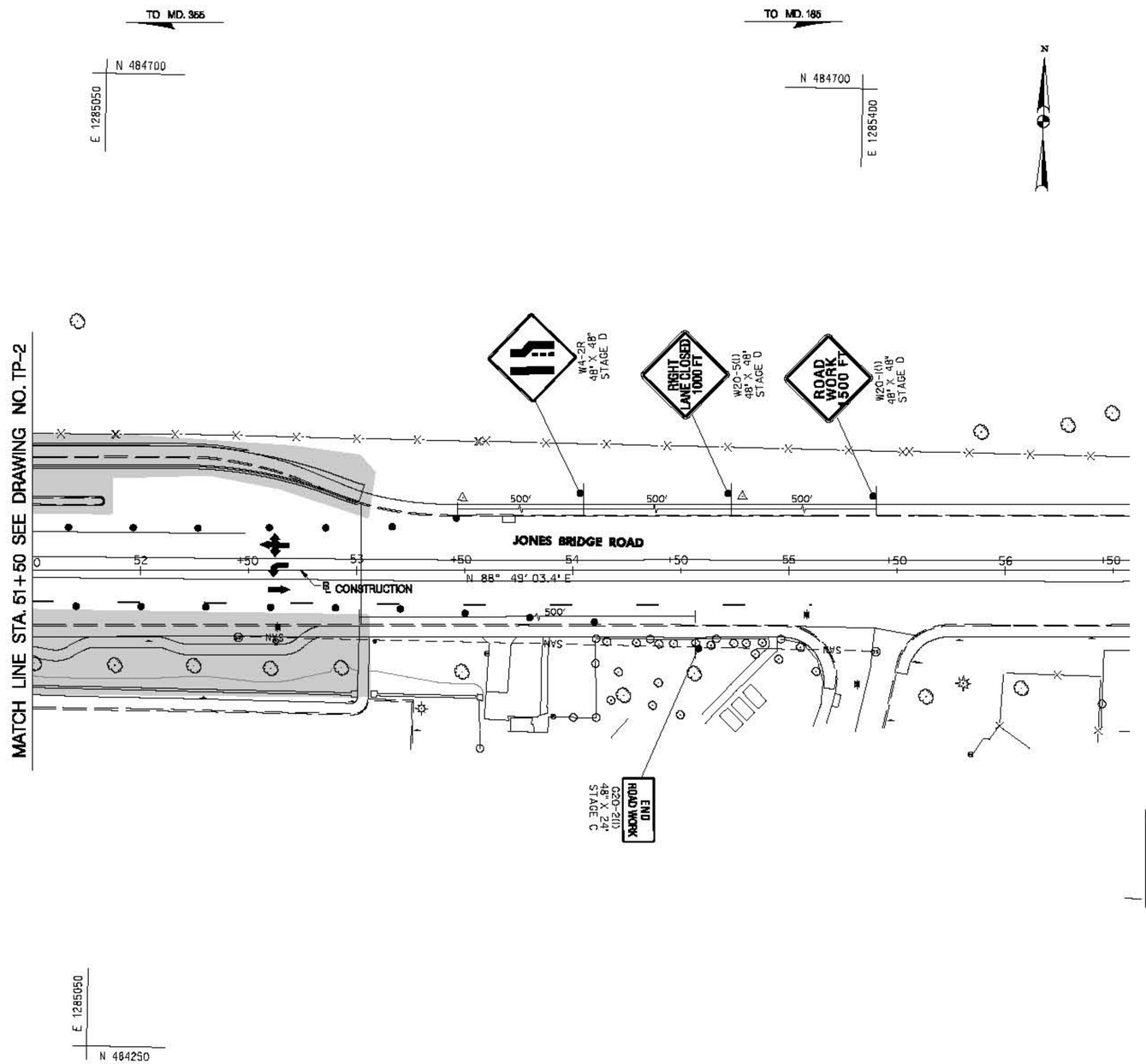
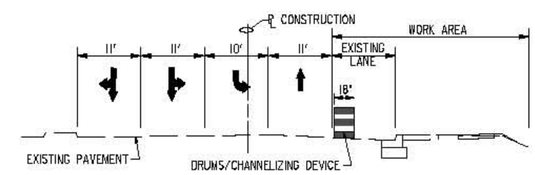
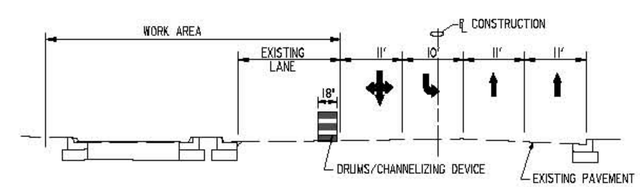




TYPICAL SECTION – PHASE 1 STAGE C

STA. 51+50 TO STA. 53+00 (JONES BRIDGE ROAD)



TYPICAL SECTION – PHASE 1 STAGE D

STA. 51+50 TO STA. 53+00 (JONES BRIDGE ROAD)

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

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HUNT VALLEY, MD 21031

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

30' 0 30' 60'
SCALE: 1" = 30'

MOT LEGEND

- WORK AREA
- TEMPORARY TRAFFIC SIGN — SIGN FACE
- DIRECTION OF TRAFFIC
- CHANNELIZING DEVICES
- TYPE III BARRICADE
- ARROW PANEL

REVISIONS

SUGGESTED TRAFFIC CONTROL PLAN – PHASE 1

SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. MO5935-170

DESIGNED BY MJ
DRAWN BY MJ
CHECKED BY MA
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE
HORIZONTAL SCALE
VERTICAL SCALE

DRAWING NO. TP-5 OF 18 SHEET NO. 27 OF 91

PLOTTED: Thursday, April 08, 2010 AT 02:40 PM
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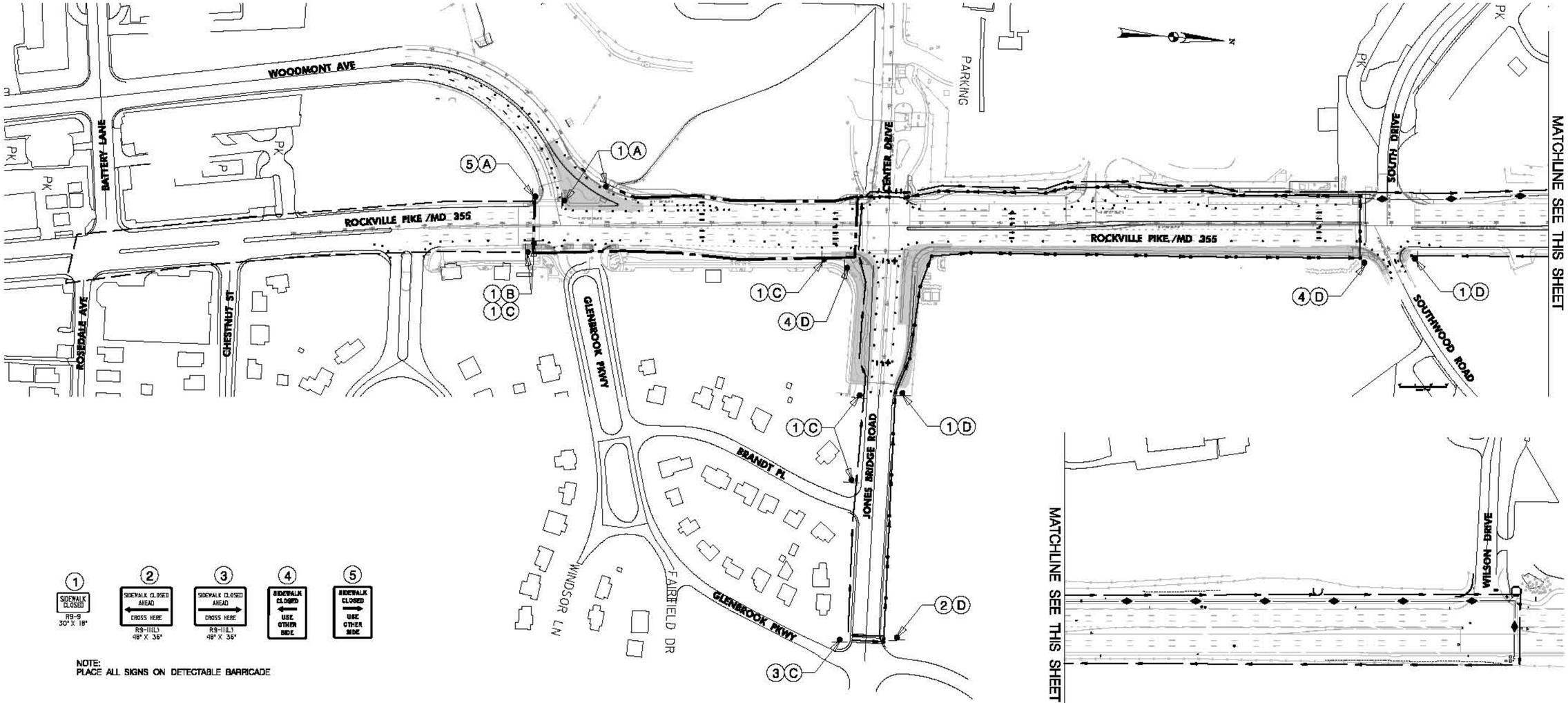
BY: Graham



NOTE:
PLACE ALL SIGNS ON DETECTABLE BARRICADE

PEDESTRIAN MOT LEGEND

- PEDESTRIAN PATH FOR INTERSECTION AT WOODMONT AVE /MD 355 (STAGE A)
- PEDESTRIAN PATH FOR INTERSECTION AT GLENBROOK PKWY /MD 355 (STAGE B)
- PEDESTRIAN PATH FOR INTERSECTION AT JONES BRIDGE ROAD /MD 355 (STAGE C)
- PEDESTRIAN PATH FOR INTERSECTION AT SOUTHWOOD ROAD /MD 355 (STAGE D)
- PEDESTRIAN PATH FOR INTERSECTION AT JONES BRIDGE ROAD /MD 355 (STAGE D)

1 A — SIGN NUMBER; STAGE THAT CORRESPONDS WITH THE MOT PHASE

MOT LEGEND

- WORK AREA
- TEMPORARY TRAFFIC SIGN — SIGN FACE
- DIRECTION OF TRAFFIC
- CHANNELIZING DEVICES
- TYPE III BARRICADE
- ARROW PANEL

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STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

REVISIONS

PEDESTRIAN MOT PLAN – PHASE 1

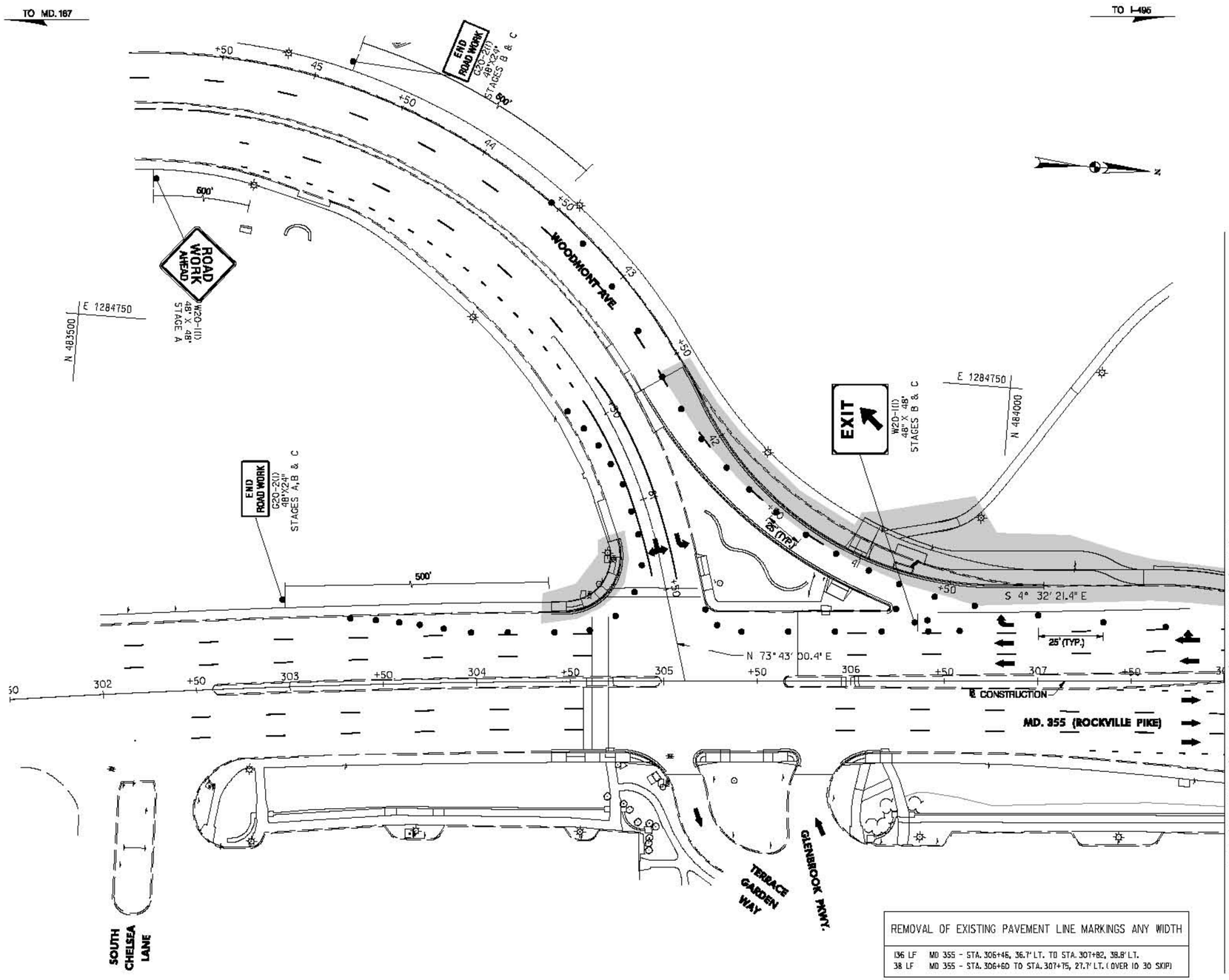
SCALE 1" = 100' ADVERTISED DATE _____ CONTRACT NO. M0693-470

DESIGNED BY	MJ	COUNTY	MONTGOMERY
DRAWN BY	MJ	LOGMILE	
CHECKED BY	MA	HORIZONTAL SCALE	
F.A.P. NO.	SEE TITLE SHEET	VERTICAL SCALE	

DRAWING NO. TP – 6 OF 16 SHEET NO. 28 OF 91

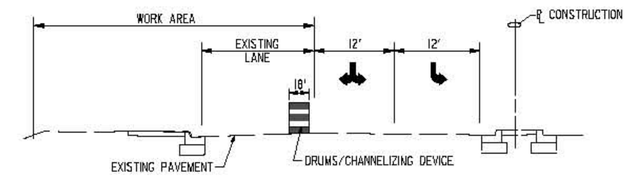
PLOTTED: Thursday, April 08, 2010 AT 03:10 PM
FILE: s:\3000\transportation\37667-06 brac-mt355 @ jones bridge rd\sect\pMT-P106_MD355-B.dgn

BY: maujohnson

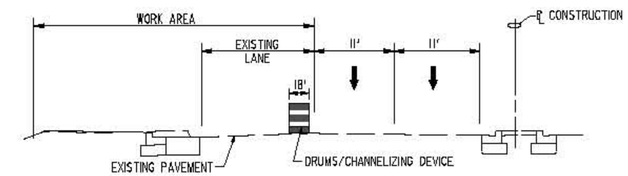


PHASE 2 STAGE A CONSTRUCTION SEQUENCE

1. PLACE TRAFFIC CONTROL DEVICES ON MD 355 SB AND WOODMONT AVENUE FOR SINGLE LANE CLOSURES AS SHOWN ON THE PLANS.
2. INSTALL SEDIMENT CONTROL MEASURES FOR THE WORK AREA.
3. CONSTRUCT CURB AND GUTTER AND SIDEWALK IMPROVEMENTS FROM STA. 304+40, LT. MD 355 TO STA. 80+82, LT. WOODMONT AVE.
4. AT THE END OF EACH WORKING DAY REMOVE TRAFFIC CONTROL DEVICES.



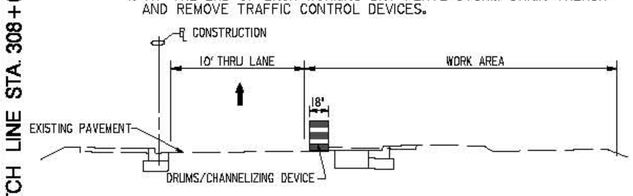
TYPICAL SECTION PHASE 2 STAGE A
STA. 80+40 TO STA. 80+80 (WOODMONT AVE)



TYPICAL SECTION PHASE 2 STAGE A AND STAGE B
STA. 305+20 TO STA. 308+00 (MD 355)

PHASE 2 STAGE B CONSTRUCTION SEQUENCE

1. PLACE TRAFFIC CONTROL DEVICES ON MD 355 SB AND WOODMONT AVENUE FOR SINGLE LANE CLOSURES AS SHOWN ON THE PLANS.
2. INSTALL SEDIMENT CONTROL MEASURES FOR THE WORK AREA.
3. CONSTRUCT THE REMAINDER OF WOODMONT AVE WHICH INCLUDES INSTALLING PROPOSED PIPE AND INLET, FULL DEPTH PAVEMENT, CURB AND GUTTER AND SIDEWALK FROM STA. 40+00 TO STA. 42+42. ONCE IMPROVEMENTS ARE COMPLETE INSTALL TEMPORARY CROSSWALK.
4. AT THE END OF EACH WORKING DAY PLATE STORM DRAIN TRENCH AND REMOVE TRAFFIC CONTROL DEVICES.



TYPICAL SECTION PHASE 2 STAGE B
STA. 40+00 TO STA. 42+42 (WOODMONT AVE)

REMOVAL OF EXISTING PAVEMENT LINE MARKINGS ANY WIDTH	
136 LF	MD 355 - STA. 306+46, 36.7' LT. TO STA. 307+82, 38.8' LT.
38 LF	MD 355 - STA. 306+60 TO STA. 307+75, 27.7' LT. (OVER 10 30 SKIP)

10' WHITE REMOVABLE PREFORMED PAVEMENT LINE MARKING	
15 LF	WOODMONT AVE - STA. 40+98 (FOR TEMPORARY CROSSWALK)
15 LF	WOODMONT AVE - STA. 41+08 (FOR TEMPORARY CROSSWALK)

MOT LEGEND

- WORK AREA
- TEMPORARY TRAFFIC SIGN — SIGN FACE
- DIRECTION OF TRAFFIC
- CHANNELIZING DEVICES
- TYPE III BARRICADE
- ARROW PANEL

30' 0 30' 60'
SCALE: 1" = 30'

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

BY: Graham

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

REVISIONS

SUGGESTED TRAFFIC CONTROL PLAN – PHASE 2

SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. MO5935-170

DESIGNED BY	MJ	COUNTY	MONTGOMERY
DRAWN BY	MJ	LOGMILE	
CHECKED BY	MA	HORIZONTAL SCALE	
F.A.P. NO.	SEE TITLE SHEET	VERTICAL SCALE	

DRAWING NO. TP-7 OF 18 SHEET NO. 29 OF 91

PLOTTED: Thursday, April 08, 2010 AT 02:40 PM
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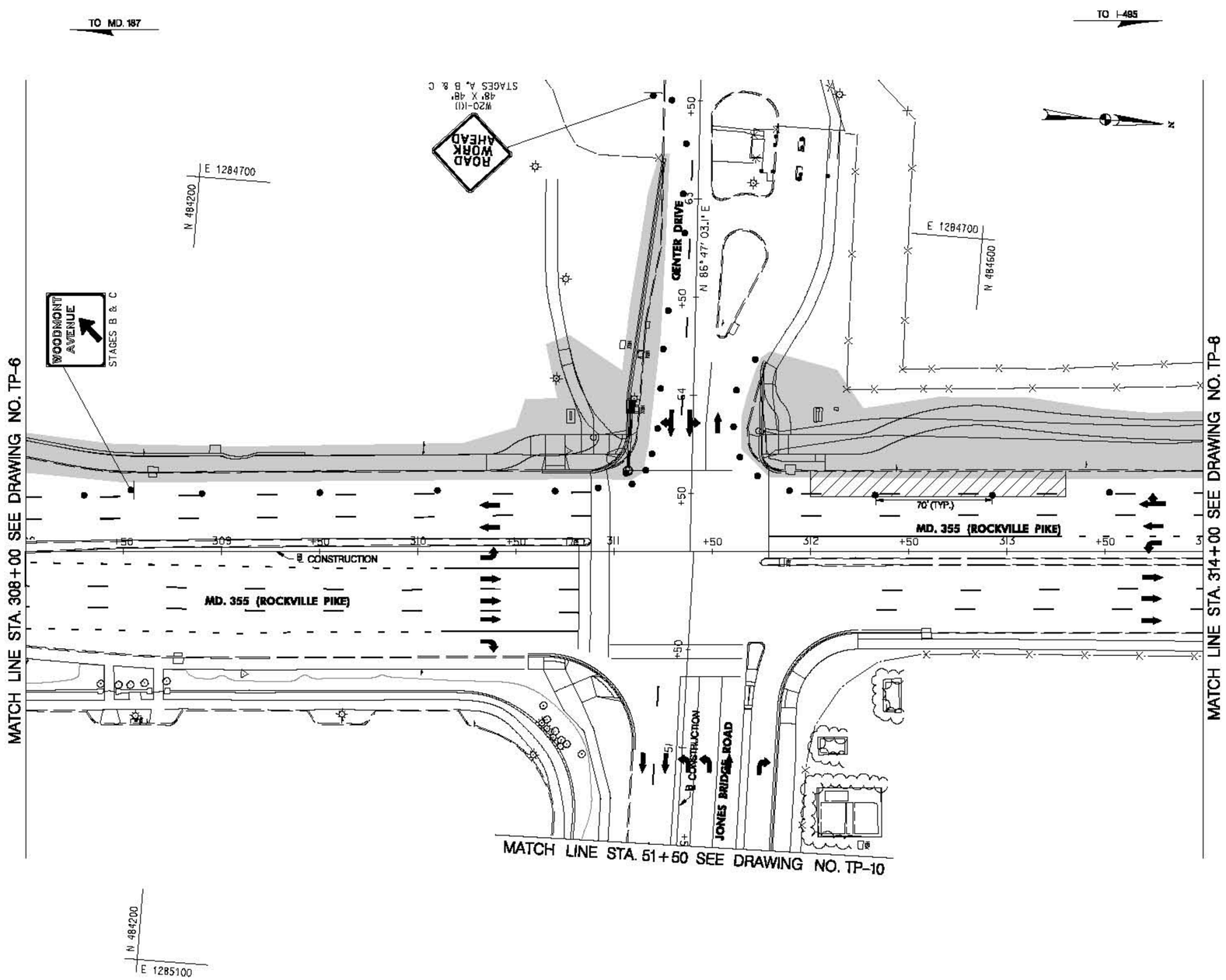
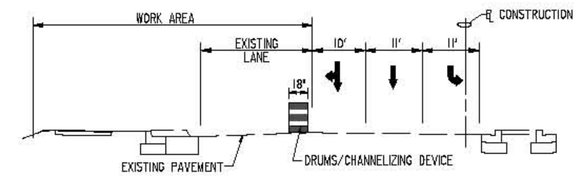
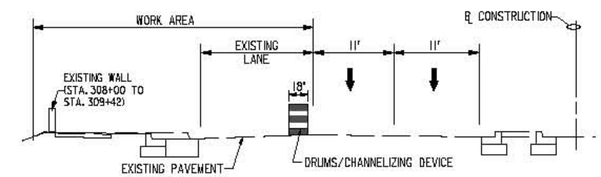


PHASE 2 STAGE C CONSTRUCTION SEQUENCE

1. PLACE TRAFFIC CONTROL DEVICES ON MD 355 SB FOR SINGLE LANE CLOSURES AS SHOWN ON THE PLANS.
2. INSTALL SEDIMENT CONTROL MEASURES FOR THE WORK AREA.
3. CONSTRUCT NEW CURB AND GUTTER, SIDEWALK AND INLET FROM STA. 307+00, LT. TO STA. 62+80, RT. CENTER DRIVE.
4. UPON COMPLETION OF IMPROVEMENTS UP TO STA. 311+25 MD 355, LT. THE CONTRACTOR CAN BEGIN CONSTRUCTING THE NEW CURB AND GUTTER, SIDEWALK IMPROVEMENTS AT CENTER DRIVE, (STA. 63+80 TO STA. 321+80) AND THE BUS PAD AT STA. 317+50 TO STA. 319+21. CONSTRUCTION AT ENTRANCE 'A' AND SOUTH DRIVE WILL OCCUR USING FLAGGING OPERATION (MD STD 104.02-08).
5. AT THE END OF EACH WORKING DAY PLATE STORM DRAIN TRENCH AND REMOVE TRAFFIC CONTROL DEVICES.



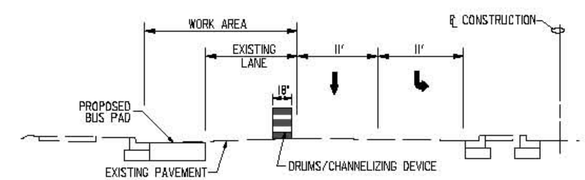
TYPICAL SECTION PHASE 2 STAGE C
STA. 311+50 TO STA. 314+00 (MD 355)



TYPICAL SECTION PHASE 2 STAGE C
STA. 308+00 TO STA. 311+50 (MD 355)

PHASE 2 STAGE D CONSTRUCTION SEQUENCE

1. PLACE TRAFFIC CONTROL DEVICES AS SHOWN ON TYPICAL SECTION FOR PHASE 2 STAGE D CLOSING THE TWO RIGHT LANES ALONG SB MD 355.
2. INSTALL SEDIMENT CONTROL MEASURES FOR THE WORK AREA.
3. CONSTRUCT BUS PAD FROM STA. 312+00 TO STA. 313+30.
4. AT THE END OF EACH WORKING DAY REMOVE TRAFFIC CONTROL DEVICES.



TYPICAL SECTION PHASE 2 STAGE D
STA. 311+50 TO STA. 314+00 (MD 355)

MOT LEGEND

PHASE 2 STAGE D

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Maryland Department of Transportation
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Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

30' 0 30' 60'
SCALE: 1" = 30'

MOT LEGEND

- WORK AREA
- TEMPORARY TRAFFIC SIGN — SIGN FACE
- DIRECTION OF TRAFFIC
- CHANNELIZING DEVICES
- TYPE III BARRICADE
- ARROW PANEL

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

REVISIONS

SUGGESTED TRAFFIC CONTROL PLAN – PHASE 2

SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. M06B6470

DESIGNED BY	MJ	COUNTY	MONTGOMERY
DRAWN BY	MJ	LOGMILE	
CHECKED BY	MA	HORIZONTAL SCALE	
F.A.P. NO.	SEE TITLE SHEET	VERTICAL SCALE	

DRAWING NO. TP-8 OF 18 SHEET NO. 30 OF 91

BY: Graham

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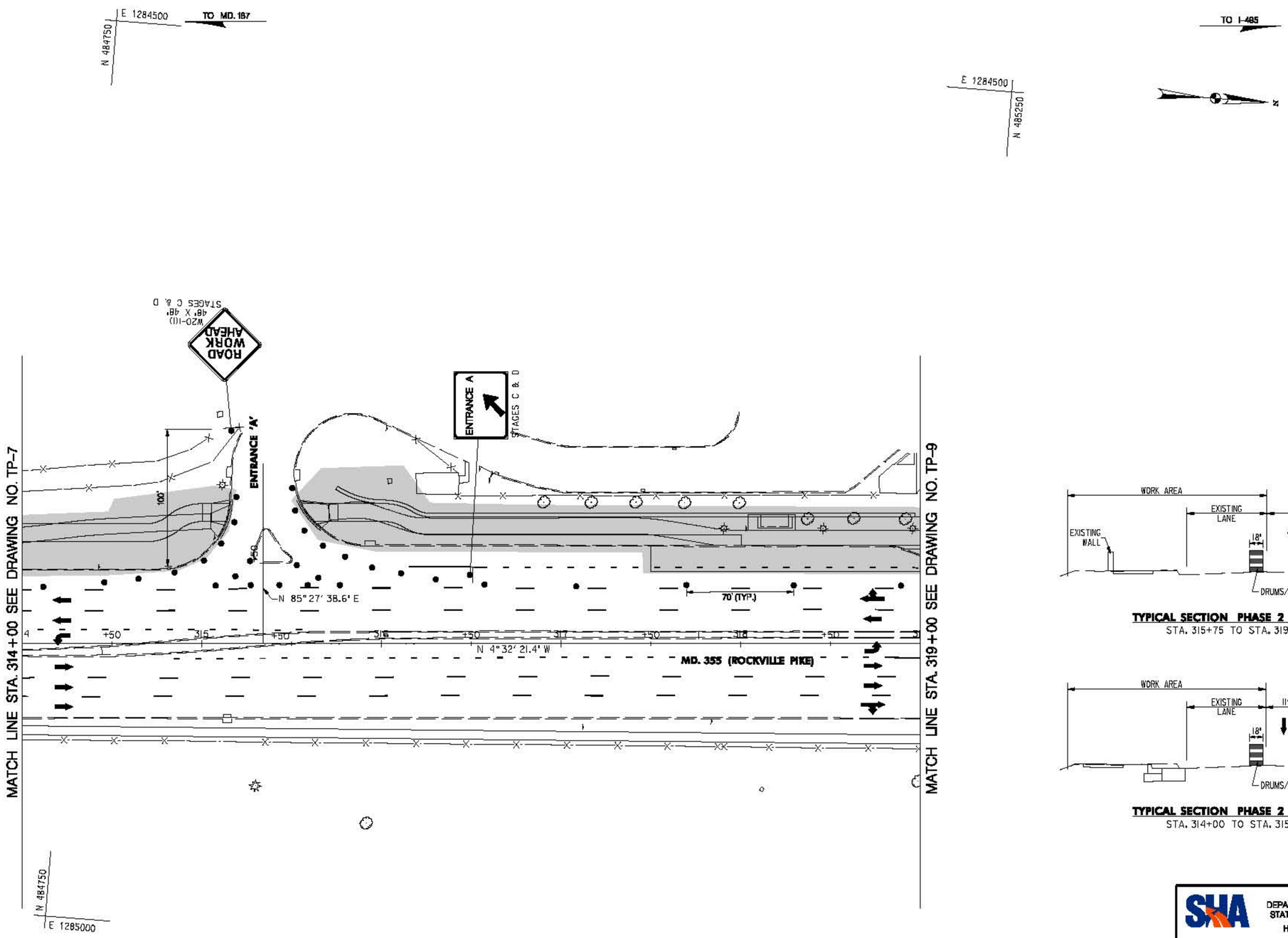

CENTURY ENGINEERING
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10710 GILROY ROAD
HUNT VALLEY, MD 21031

BY: Graham

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

30' 0 30' 60'
SCALE: 1" = 30'

MOT LEGEND

- WORK AREA
- TEMPORARY TRAFFIC SIGN — SIGN FACE
- DIRECTION OF TRAFFIC
- CHANNELIZING DEVICES
- TYPE III BARRICADE
- ARROW PANEL

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
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BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

REVISIONS

SUGGESTED TRAFFIC CONTROL PLAN – PHASE 2

SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. M0693470

DESIGNED BY	MJ	COUNTY	MONTGOMERY
DRAWN BY	MJ	LOGMILE	
CHECKED BY	MA	HORIZONTAL SCALE	
F.A.P. NO.	SEE TITLE SHEET	VERTICAL SCALE	

DRAWING NO.	TP-9	OF	18	SHEET NO.	91 OF 91

PLOTTED: Thursday, April 08, 2010 AT 04:06 PM
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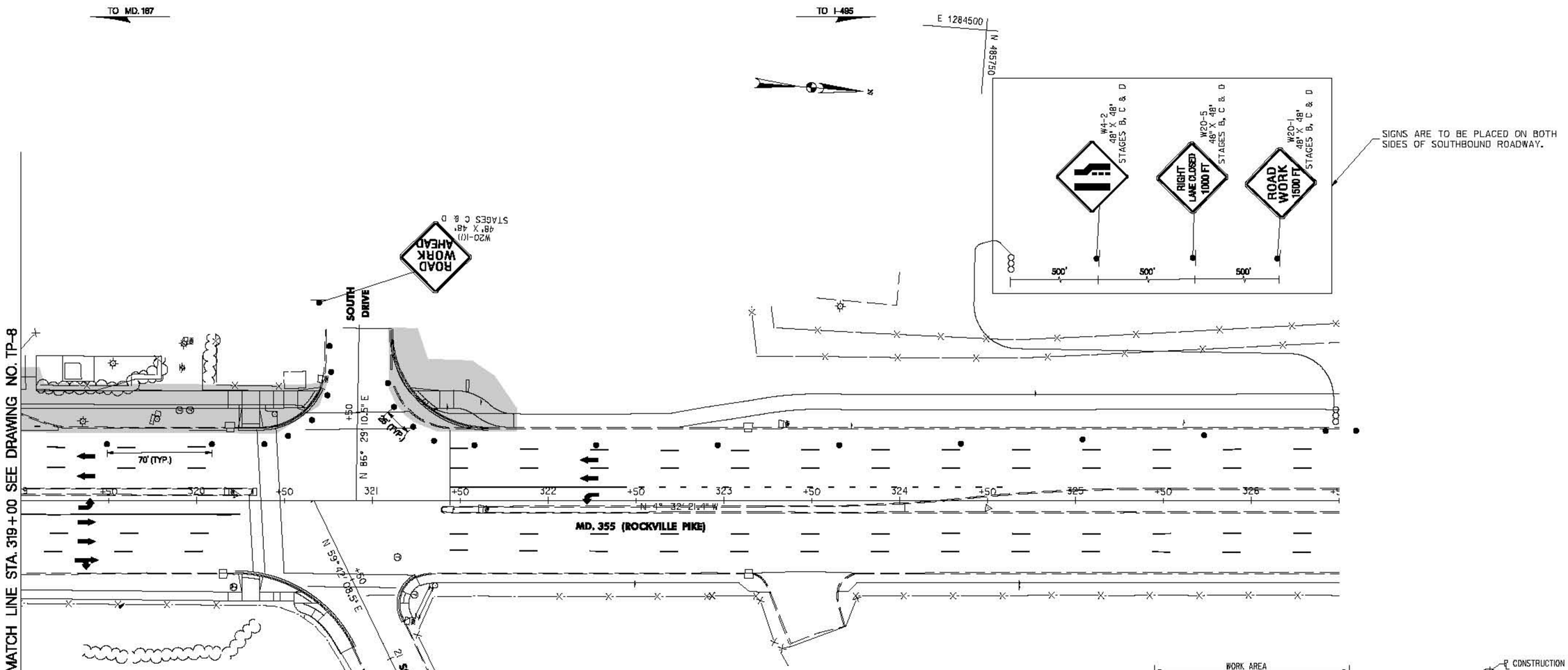

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

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HUNT VALLEY, MD 21031

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

30' 0 30' 60'
SCALE: 1" = 30'

MOT LEGEND

- WORK AREA
- TEMPORARY TRAFFIC SIGN — SIGN FACE
- DIRECTION OF TRAFFIC
- CHANNELIZING DEVICES
- TYPE III BARRICADE
- ARROW PANEL

REVISIONS

SUGGESTED TRAFFIC CONTROL PLAN – PHASE 2

SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. M0693547O

DESIGNED BY	MJ	COUNTY	MONTGOMERY
DRAWN BY	MJ	LOGMILE	
CHECKED BY	MA	HORIZONTAL SCALE	
F.A.P. NO.	SEE TITLE SHEET	VERTICAL SCALE	

DRAWING NO. TP-10 OF 18 SHEET NO. 32 OF 91

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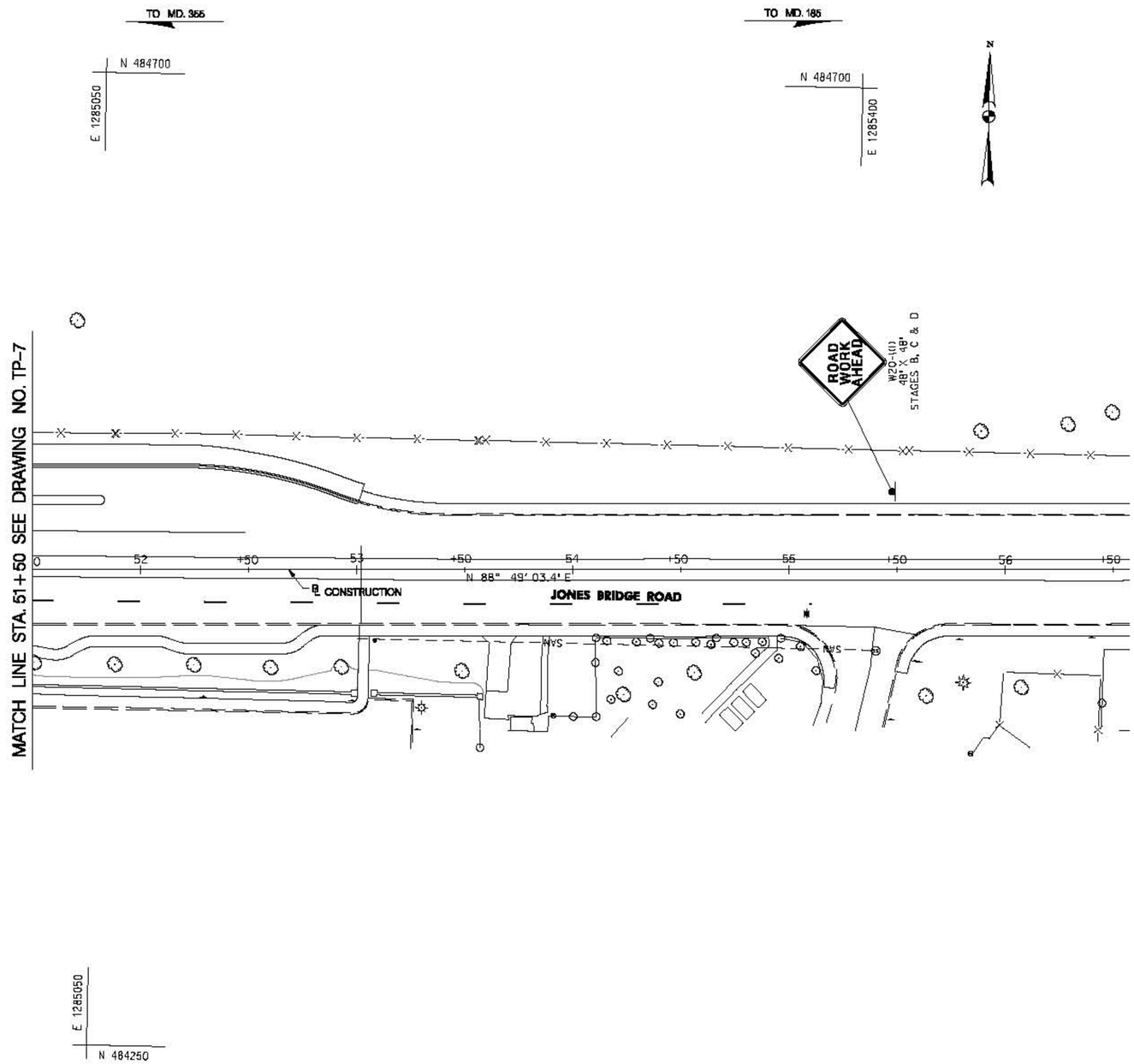
BY: maujohnson



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10710 GILROY ROAD
HUNT VALLEY, MD 21031

BY: Graham

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

30' 0 30' 60'
SCALE: 1" = 30'

MOT LEGEND

- WORK AREA
- TEMPORARY TRAFFIC SIGN — SIGN FACE
- DIRECTION OF TRAFFIC
- CHANNELIZING DEVICES
- TYPE III BARRICADE
- ARROW PANEL

STATE OF MARYLAND
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MD. 355 & JONES BRIDGE ROAD

REVISIONS

SUGGESTED TRAFFIC CONTROL PLAN – PHASE 2

SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. MO6935170

DESIGNED BY MJ
DRAWN BY MJ
CHECKED BY MA
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE
HORIZONTAL SCALE
VERTICAL SCALE

DRAWING NO. TP-11 OF 18 SHEET NO. 38 OF 91

PLOTTED: Thursday, April 08, 2010 AT 04:37 PM
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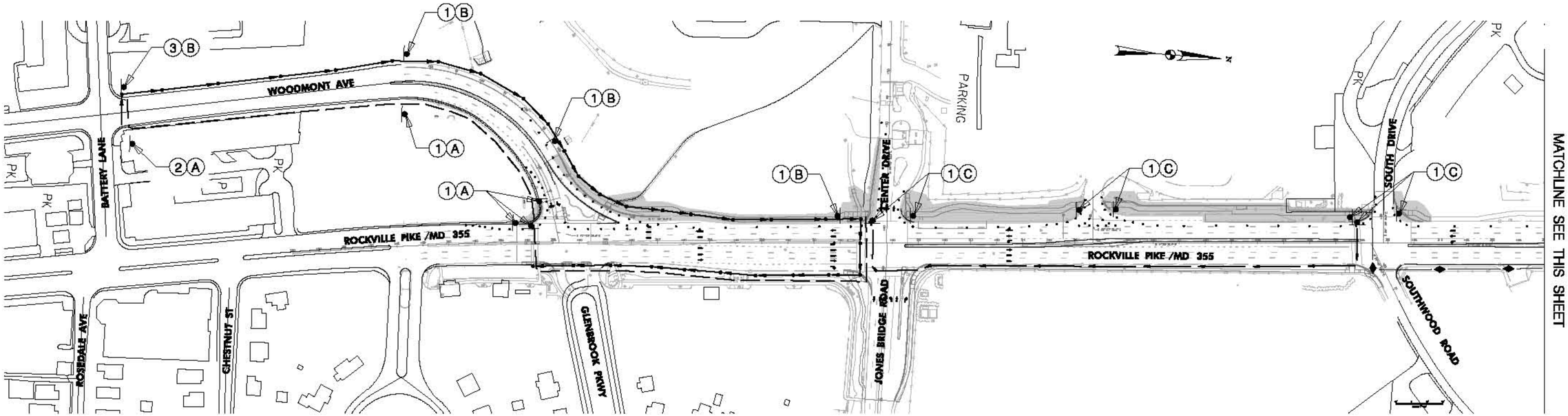
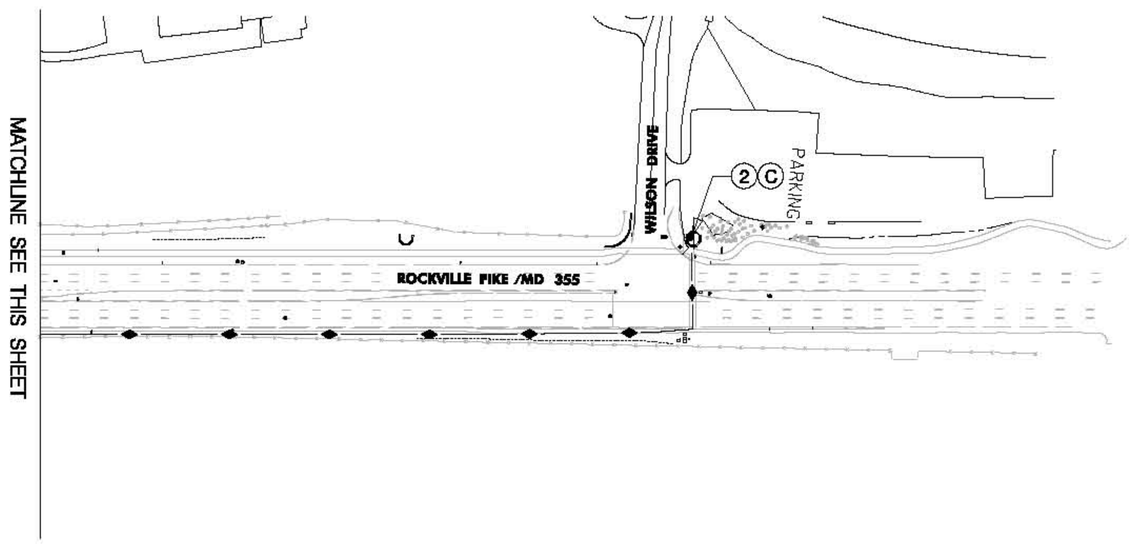
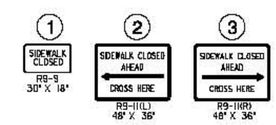






NOTE:
PLACE ALL SIGNS ON DETECTABLE BARRICADE

PEDESTRIAN MOT LEGEND

- PEDESTRIAN PATH FOR INTERSECTION AT EASTBOUND WOODMONT AVE /MD 355 (STAGE A)
- PEDESTRIAN PATH FOR INTERSECTION AT WESTBOUND WOODMONT AVE /MD 355 (STAGE B)
- PEDESTRIAN PATH FOR INTERSECTION AT JONES BRIDGE ROAD /MD 355 (STAGE C)
- PEDESTRIAN PATH FOR INTERSECTION AT SOUTHWOOD ROAD /MD 355 (STAGE C)

1 A — SIGN NUMBER — STAGE THAT CORRESPONDS WITH THE MOT PHASE

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

MOT LEGEND

- WORK AREA
- TEMPORARY TRAFFIC SIGN — SIGN FACE
- DIRECTION OF TRAFFIC
- CHANNELIZING DEVICES
- TYPE III BARRICADE
- ARROW PANEL

REVISIONS

PEDESTRIAN MOT PLAN – PHASE 2

SCALE 1" = 100' ADVERTISED DATE _____ CONTRACT NO. M0693547C

DESIGNED BY MJ
DRAWN BY MJ
CHECKED BY MA
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE
HORIZONTAL SCALE
VERTICAL SCALE

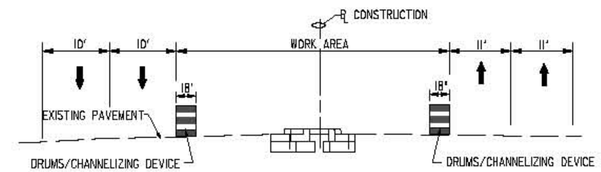
DRAWING NO. TP-12 OF 16 SHEET NO. 34 OF 91

PLOTTED: Thursday, April 08, 2010 AT 03:10 PM
FILE: n:\3006ft\transportation\27367-06 brac-ms355 @ jones bridge rd\sector\pMT-P2D5_MD0693547.dgn

BY: maujohnson

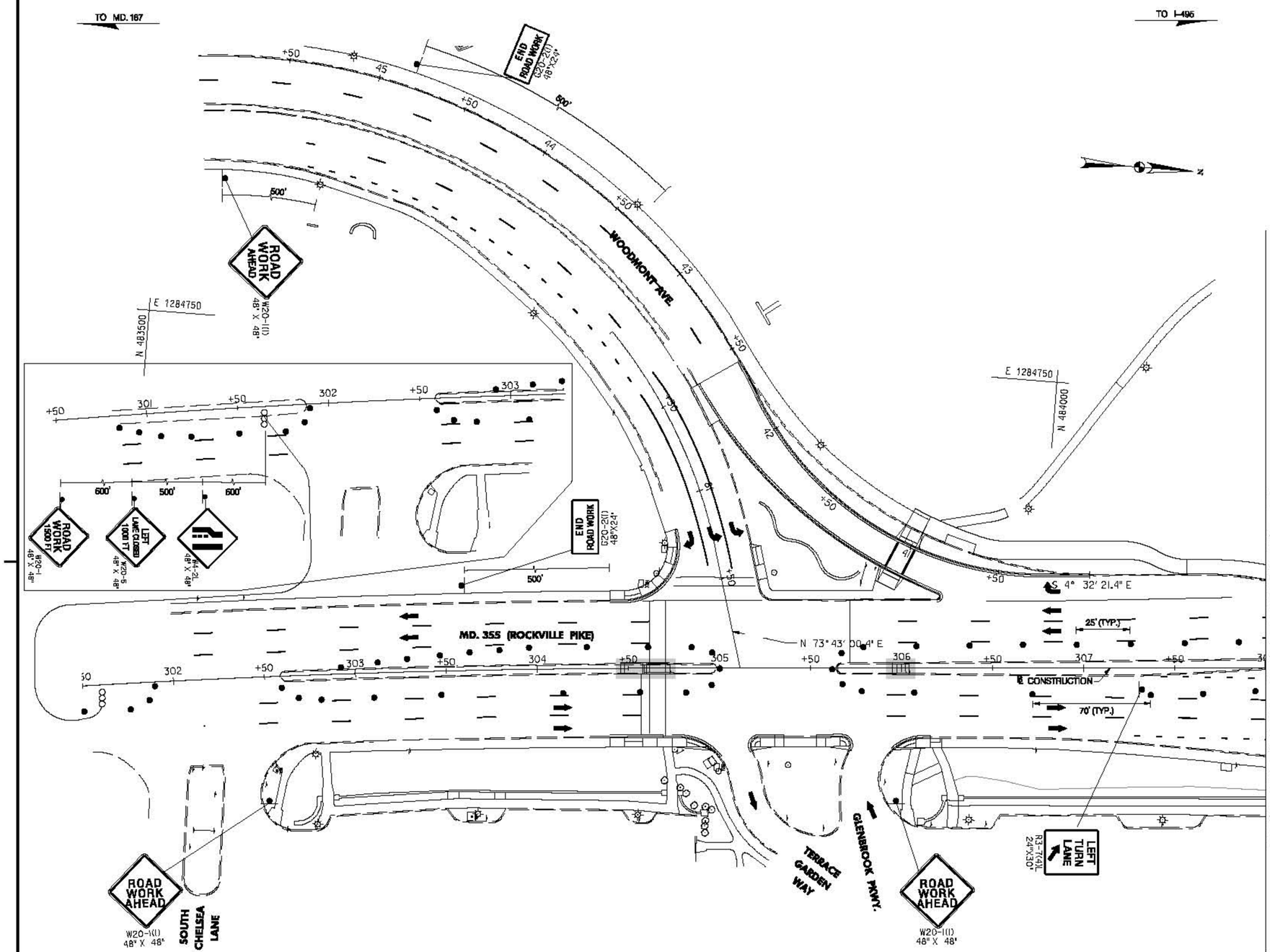
PHASE 3 CONSTRUCTION SEQUENCE

1. PLACE TRAFFIC CONTROL DEVICES ON MD 355 SB AND NB FOR SINGLE LANE CLOSURES.
2. INSTALL SEDIMENT CONTROL MEASURES FOR THE WORK AREA.
3. CONSTRUCT MEDIAN IMPROVEMENTS BETWEEN STA. 304+45 TO STA. 310+77 AND STA. 311+75 TO STA. 320+50 MD 355.
4. GRIND, WEDGE AND LEVEL AND RESURFACE MD 355, CENTER DRIVE AND JONES BRIDGE ROAD TO LIMITS AS SHOWN ON ROADWAY PLANS.
5. INSTALL PERMANENT PAVEMENT MARKINGS.
7. REMOVE TRAFFIC CONTROL DEVICES AND SHIFT TRAFFIC TO NEW PATTERN.



TYPICAL SECTION PHASE 3
STA. 303+50 TO STA. 306+25 (MD 355)

5" WHITE REMOVABLE PREFORMED PAVEMENT LINE MARKING	
136 LF	MD 355 - STA. 306+46, 36.7' LT. TO STA. 307+82, 38.8' LT.
38 LF	MD 355 - STA. 306+60 TO STA. 307+75, 27.7' LT. (OVER ID 30 SKIP)



MOT LEGEND

- WORK AREA
- TEMPORARY TRAFFIC SIGN — SIGN FACE
- DIRECTION OF TRAFFIC
- CHANNELIZING DEVICES
- TYPE III BARRICADE
- ARROW PANEL

30' 0 30' 60'
SCALE: 1" = 30'

CENTURY ENGINEERING
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10710 GILROY ROAD
HUNT VALLEY, MD 21031

Maryland Department of Transportation
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FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

REVISIONS

SUGGESTED TRAFFIC CONTROL PLAN – PHASE 3

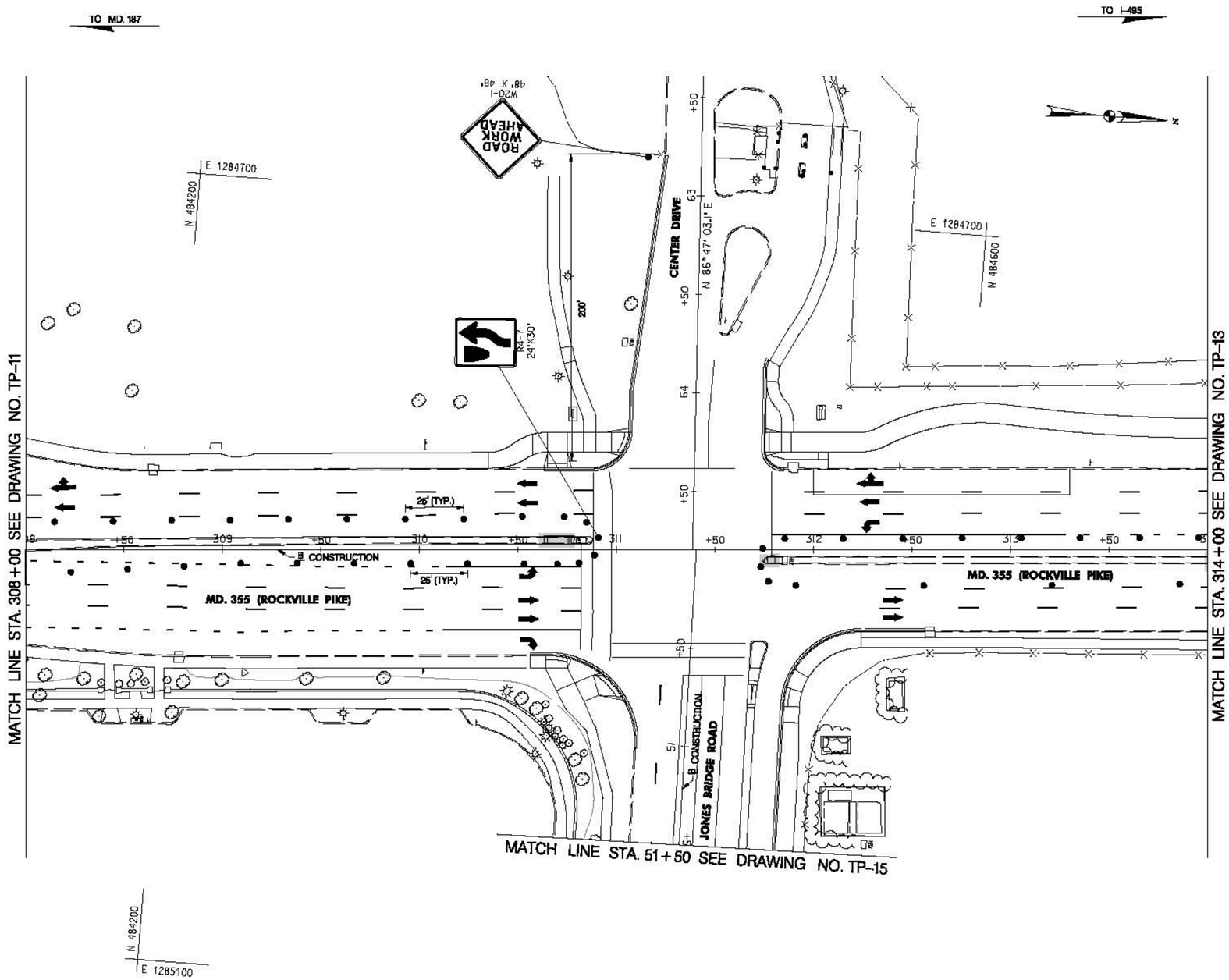
SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. MD6935470

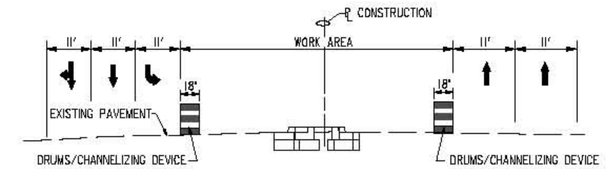
DESIGNED BY MJ
DRAWN BY MJ
CHECKED BY MA
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE
HORIZONTAL SCALE
VERTICAL SCALE

DRAWING NO. TP-13 OF 18 SHEET NO. 36 OF 91

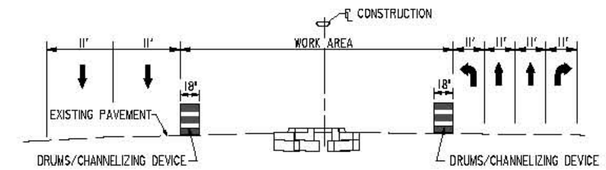
BY: Graham

PLOTTED: Thursday, April 08, 2010 AT 12:49 PM
FILE: n:\2008\transportation\27567-06 brac-mc355 @ jones bridge rd\ward\pMT-P307_MD6935.dgn





TYPICAL SECTION PHASE 3
STA. 311+60 TO STA. 314+00 (MD 355)



TYPICAL SECTION PHASE 3
STA. 308+00 TO STA. 310+90 (MD 355)

30' 0 30' 60'
SCALE: 1" = 30'

MOT LEGEND

- WORK AREA
- TEMPORARY TRAFFIC SIGN — SIGN FACE
- DIRECTION OF TRAFFIC
- CHANNELIZING DEVICES
- TYPE III BARRICADE
- ARROW PANEL

CENTURY ENGINEERING
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10710 GILROY ROAD
HUNT VALLEY, MD 21031

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

REVISIONS

SUGGESTED TRAFFIC CONTROL PLAN – PHASE 3

SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. MO6935470

DESIGNED BY	MJ	COUNTY	MONTGOMERY
DRAWN BY	MJ	LOGMILE	
CHECKED BY	MA	HORIZONTAL SCALE	
F.A.P. NO.	SEE TITLE SHEET	VERTICAL SCALE	

DRAWING NO. TP-14 OF 18 SHEET NO. 88 OF 91

BY: Graham

PLOTTED: Thursday, April 08, 2010 AT 02:49 PM
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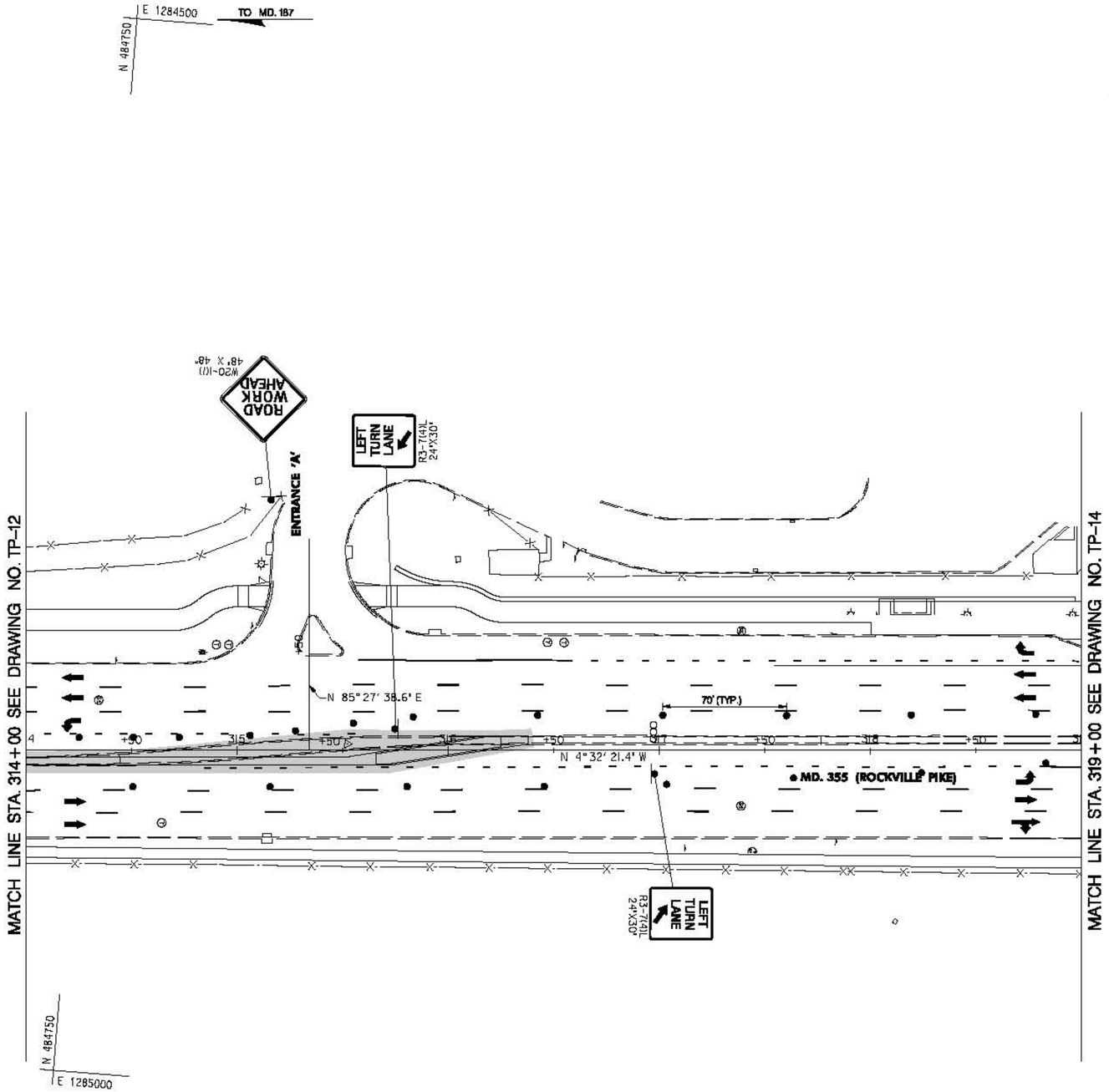

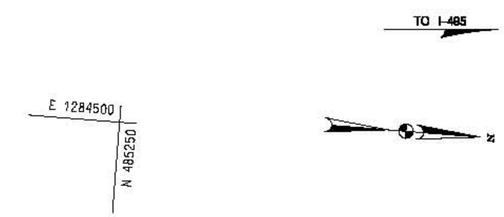

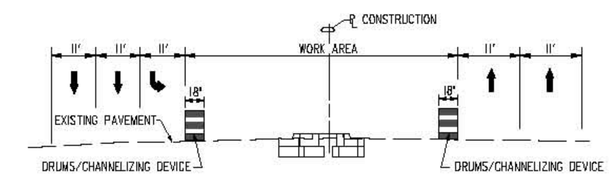

TYPICAL SECTION PHASE 3
STA. 314+00 TO STA. 316+50 (MD 355)

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

BY: Graham

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

30' 0 30' 60'
SCALE: 1" = 30'

MOT LEGEND

- WORK AREA
- TEMPORARY TRAFFIC SIGN — SIGN FACE
- DIRECTION OF TRAFFIC
- CHANNELIZING DEVICES
- TYPE III BARRICADE
- ARROW PANEL

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

REVISIONS

SUGGESTED TRAFFIC CONTROL PLAN – PHASE 3

SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. MO5935470

DESIGNED BY	MJ	COUNTY	MONTGOMERY
DRAWN BY	MJ	LOGMILE	
CHECKED BY	MA	HORIZONTAL SCALE	
F.A.P. NO.	SEE TITLE SHEET	VERTICAL SCALE	

DRAWING NO. TP-15 OF 18 SHEET NO. 87 OF 91

PLOTTED: Thursday, April 08, 2010 AT 02:46 PM
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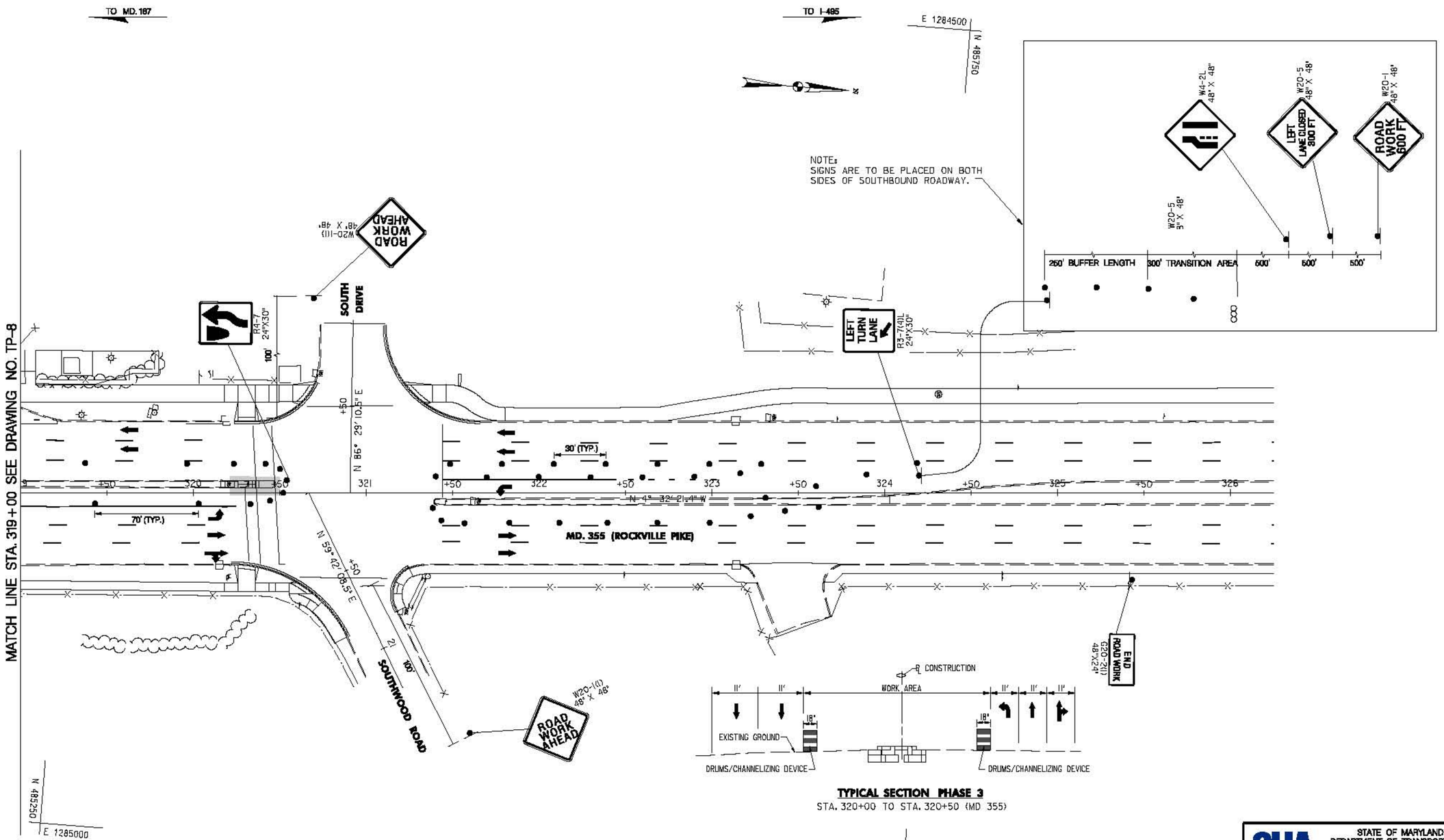

TYPICAL SECTION PHASE 3

STA. 320+00 TO STA. 320+50 (MD 355)

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

BY: maujohnson

Maryland Department of Transportation
State Highway Administration

Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

30' 0 30' 60'
SCALE: 1" = 30'

MOT LEGEND

- WORK AREA
- TEMPORARY TRAFFIC SIGN — SIGN FACE
- DIRECTION OF TRAFFIC
- CHANNELIZING DEVICES
- TYPE III BARRICADE
- ARROW PANEL

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

REVISIONS

SUGGESTED TRAFFIC CONTROL PLAN – PHASE 3

SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. MO6935-170

DESIGNED BY	MJ	COUNTY	MONTGOMERY
DRAWN BY	MJ	LOGMILE	
CHECKED BY	MA	HORIZONTAL SCALE	
F.A.P. NO.	SEE TITLE SHEET	VERTICAL SCALE	

DRAWING NO. TP-16 OF 18 SHEET NO. 88 OF 91

PLOTTED: Thursday, April 08, 2010 AT 05:32 PM
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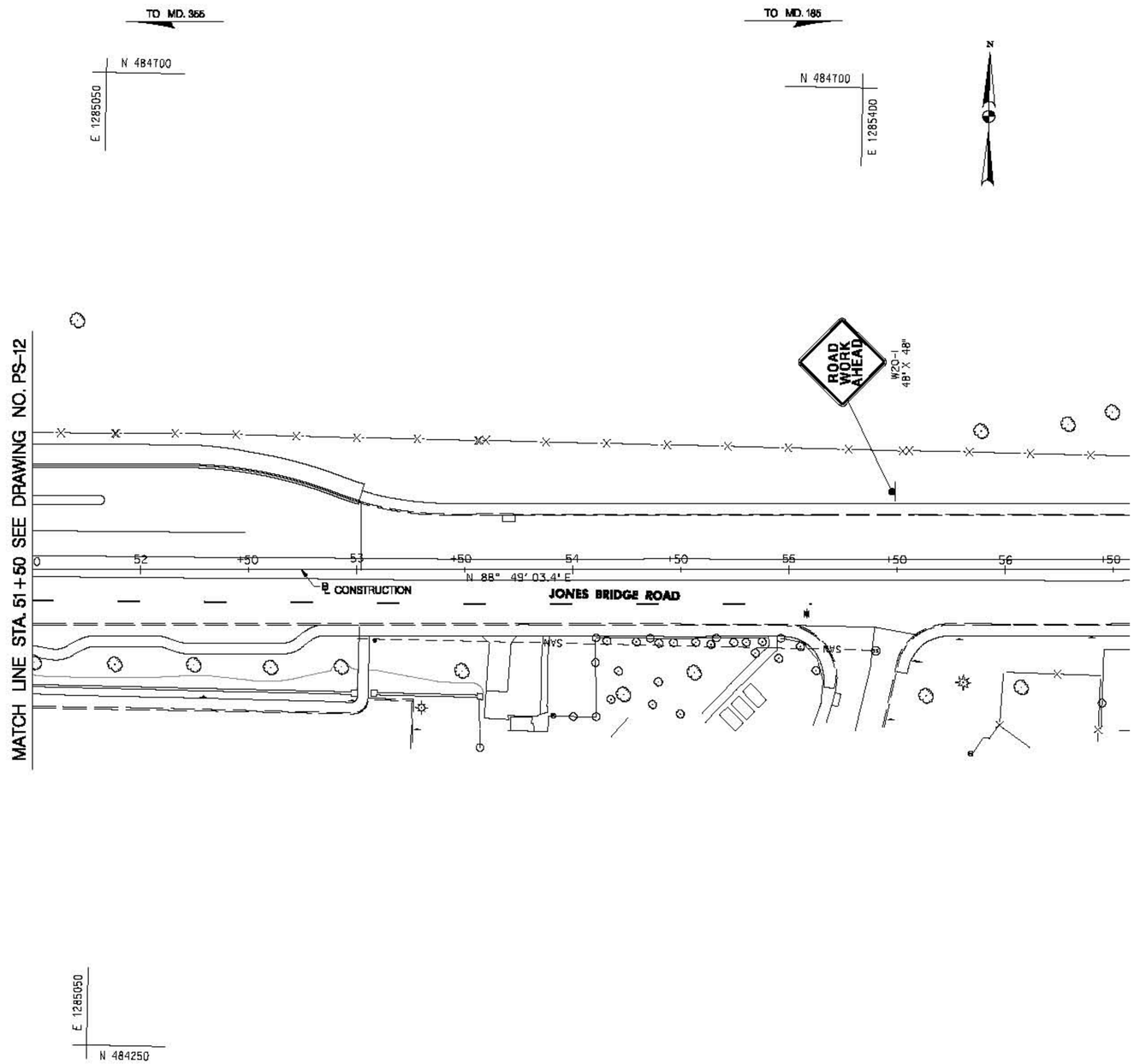

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

BY: Graham

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

30' 0 30' 60'
SCALE: 1" = 30'

MOT LEGEND

- WORK AREA
- TEMPORARY TRAFFIC SIGN — SIGN FACE
- DIRECTION OF TRAFFIC
- CHANNELIZING DEVICES
- TYPE III BARRICADE
- ARROW PANEL

REVISIONS

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

SUGGESTED TRAFFIC CONTROL PLAN – PHASE 3

SCALE 1" = 30' ADVERTISED DATE XX/XX/XXXX CONTRACT NO. MO6935170

DESIGNED BY	MJ	COUNTY	MONTGOMERY
DRAWN BY	MJ	LOGMILE	
CHECKED BY	MA	HORIZONTAL SCALE	
F.A.P. NO.	SEE TITLE SHEET	VERTICAL SCALE	

DRAWING NO. TP-17 OF 18 SHEET NO. 39 OF 91

PLOTTED: Thursday, April 08, 2010 AT 02:47 PM
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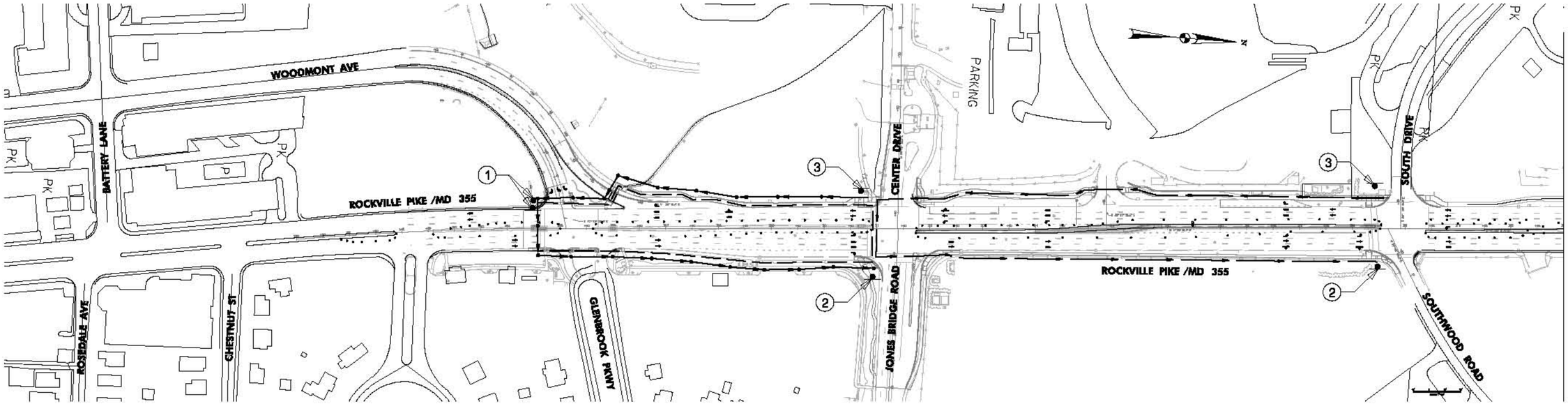

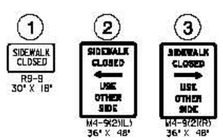

NOTE:
PLACE ALL SIGNS ON DETECTABLE BARRICADE

PEDESTRIAN MOT LEGEND

- PEDESTRIAN PATH FOR INTERSECTION AT WOODMONT AVE /MD 355
- PEDESTRIAN PATH FOR INTERSECTION AT JONES BRIDGE ROAD /MD 355
- PEDESTRIAN PATH FOR INTERSECTION AT SOUTHWOOD ROAD /MD 355

3 A
SIGN NUMBER — STAGE THAT CORRESPONDS WITH THE MOT PHASE

MOT LEGEND

- WORK AREA
- TEMPORARY TRAFFIC SIGN — SIGN FACE
- DIRECTION OF TRAFFIC
- CHANNELIZING DEVICES
- TYPE III BARRICADE
- ARROW PANEL

CENTURY ENGINEERING
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10710 GILROY ROAD
HUNT VALLEY, MD 21031

Maryland Department of Transportation
State Highway Administration
Office of Highway Development
FINAL REVIEW SUBMITTAL
DATED APRIL 13, 2010

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. 355 & JONES BRIDGE ROAD

REVISIONS

PEDESTRIAN MOT PLAN – PHASE 3

SCALE 1" = 100' ADVERTISED DATE _____ CONTRACT NO. MO6935470

DESIGNED BY MJ
DRAWN BY MJ
CHECKED BY MA
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE
HORIZONTAL SCALE
VERTICAL SCALE

DRAWING NO. TP-18 OF 18
SHEET NO. 40 OF 91

PLOTTED: Thursday, April 08, 2010 AT 03:10 PM
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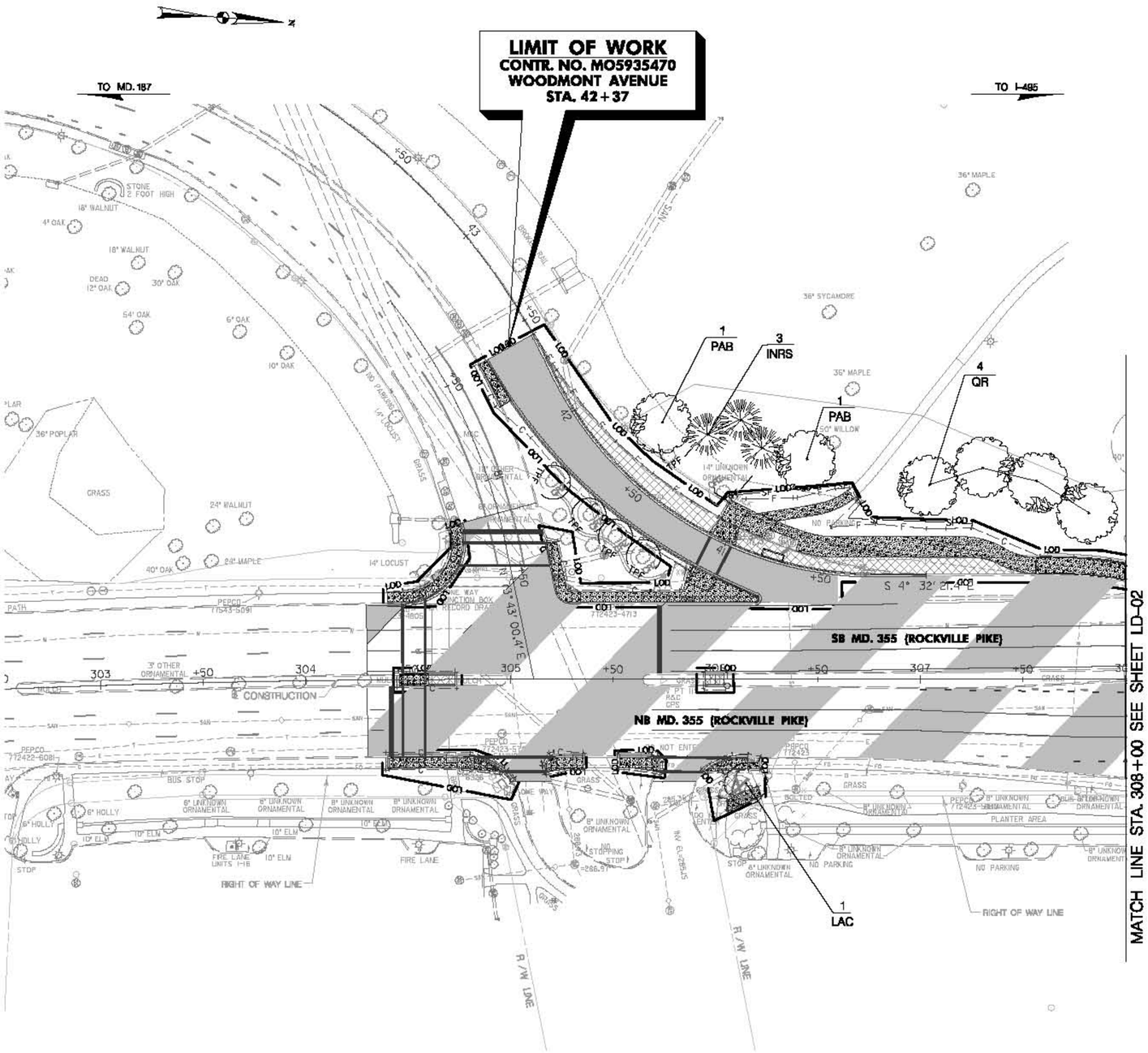
BY: maujohnson



LANDSCAPE LEGEND

- Major Deciduous Tree
- Minor Deciduous Tree/Flowering Tree
- Evergreen Tree
- Shrub
- Perennial Bed
- Existing Significant Tree to Remain
- Existing Tree to be Removed
- TPF — Tree Protection Fence
- CRZ — Critical Root Zone

PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING/REMARKS
QR	4	Quercus rubra	Northern Red Oak	2" Cal.	B & B	As Shown, Limb to 6'
PAB	2	Platanus x acerifolia 'Bloodgood'	London Planetree	2" Cal.	B & B	As Shown, Limb to 6'
LAC	1	Laburnum anagyroides 'Columnaris'	Columnar Goldenchain	2" Cal.	B & B	As Shown
INRS	3	Ilex 'Nellie R. Stevens'	Nellie R. Stevens Holly	8' Hgt.	B & B	As Shown

30' 0 30' 60'
SCALE: 1" =30'

THIS SHEET FOR PLANTING PURPOSES ONLY

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
LANDSCAPE ARCHITECTURE DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. ROUTE 355 AT JONES BRIDGE ROAD

REVISIONS

LANDSCAPE PLAN

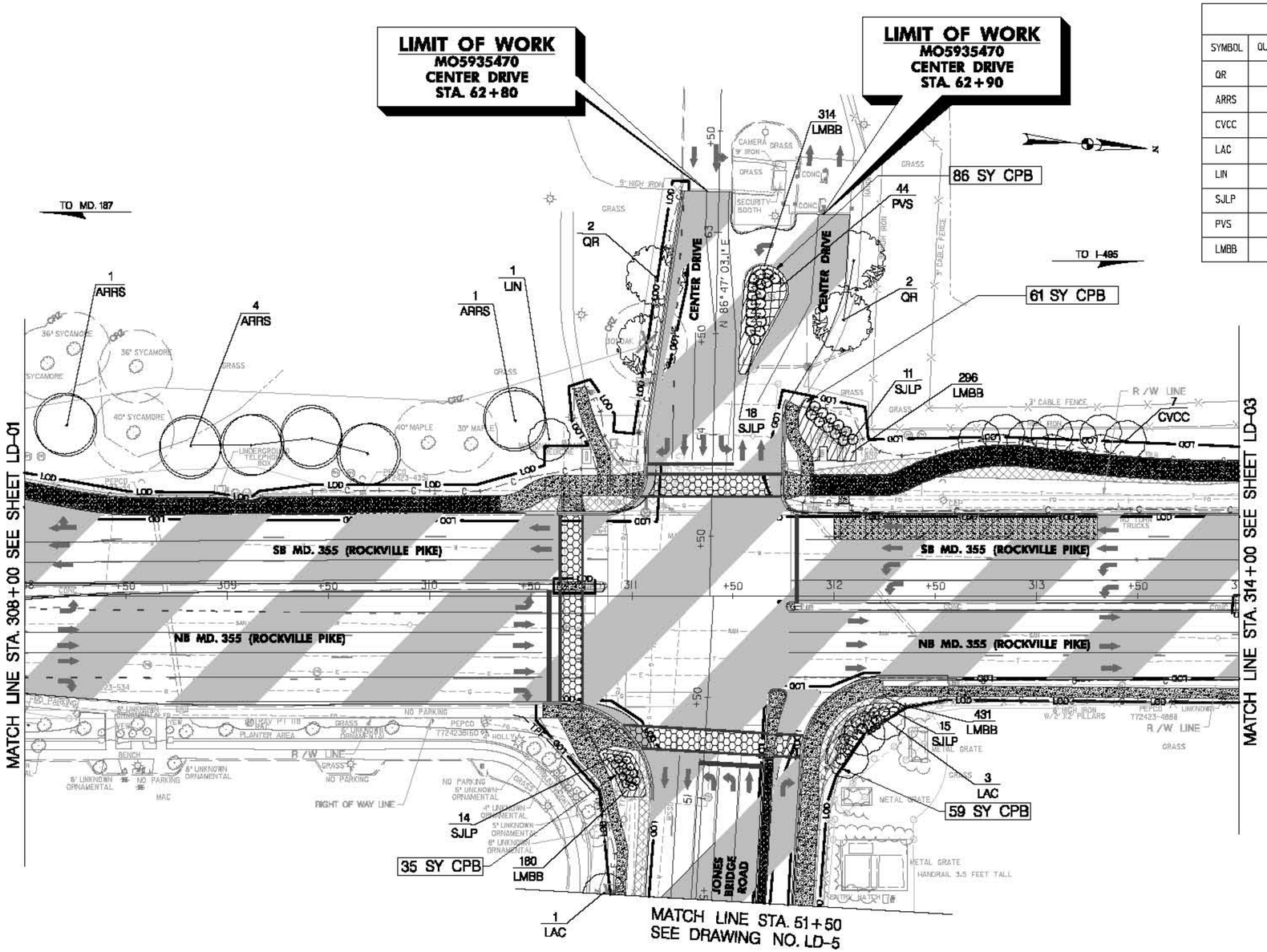
SCALE AS SHOWN ADVERTISED DATE <AD DATE> CONTRACT NO. MO5935470

DESIGNED BY CSD
DRAWN BY CSD
CHECKED BY JRP
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE

DRAWING NO. LD-01 OF 07 SHEET NO. 56 OF 91

PLOTTED: Thursday, April 08, 2010 AT 02:24 PM
FILE: T:\projects\MO5935470\LD-P001_MO5935470.dgn

BY: CDalton5 -



PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING/REMARKS
QR	4	Quercus rubra	Northern Red Oak	2" Cal.	B & B	As Shown, Limb to 6'
ARRS	6	Acer rubrum 'Red Sunset'	Red Sunset Maple	2" Cal.	B & B	As Shown, Limb to 6'
CVCC	7	Crataegus viridis 'Crimson Cloud'	Winter King Hawthorn	1.5" Cal.	B & B	As Shown
LAC	4	Laburnum anagyroides 'Columnaris'	Columnar Goldenchain	2" Cal.	B & B	As Shown
LIN	1	Lagerstroemia indica 'Natchez'	Natchez Crapemyrtle	8' Hgt.	Cont.	As Shown, Multi-stem
SJLP	58	Spiraea japonica 'Little Princess'	Little Princess Spirea	#3	Cont.	24" o.c.
PVS	44	Panicum virgatum 'Shenandoah'	Shenandoah Switchgrass	#1	Cont.	24" o.c.
LMBB	1221	Liriope muscari 'Big Blue'	Big Blue Liriope	SP #4	Cont.	12" o.c.

ADDITIONAL QUANTITIES (THIS SHEET)	
CONSTRUCTING PLANTING BEDS	241 SY

LANDSCAPE LEGEND

- Major Deciduous Tree
- Minor Deciduous Tree/Flowering Tree
- Evergreen Tree
- Shrub
- Perennial Bed
- Existing Significant Tree to Remain
- Existing Tree to be Removed
- TPF — Tree Protection Fence
- CRZ — Critical Root Zone

THIS SHEET FOR PLANTING PURPOSES ONLY

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
LANDSCAPE ARCHITECTURE DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. ROUTE 355 AT JONES BRIDGE ROAD

REVISIONS

LANDSCAPE PLAN

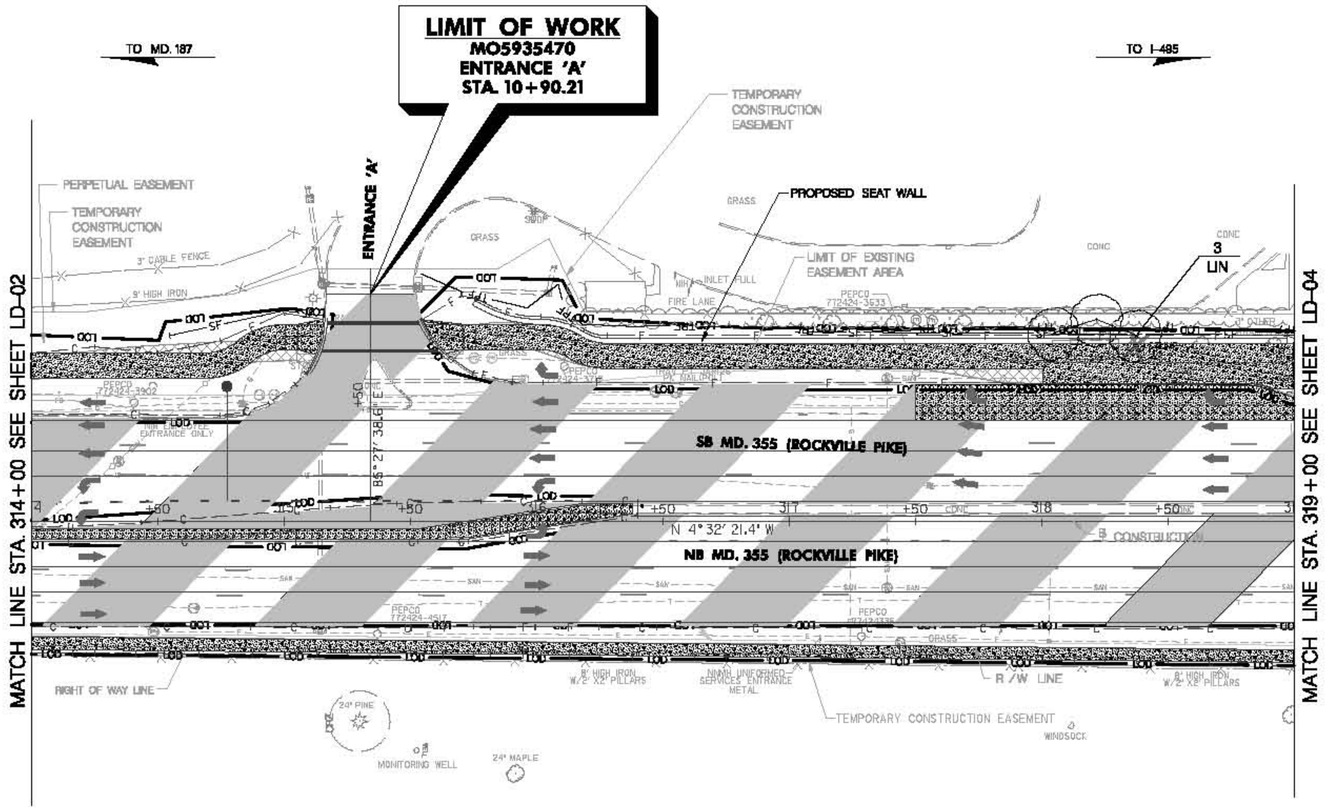
SCALE AS SHOWN ADVERTISED DATE <AD DATE> CONTRACT NO. MO5935470

DESIGNED BY CSD
DRAWN BY CSD
CHECKED BY JRP
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE

DRAWING NO. LD-02 OF 07 SHEET NO. 57 OF 91

PLOTTED: Thursday, April 09, 2015 AT 02:36 PM
FILE: T:\projects\p0185\MP\p\LD-1*003_MO5935470.dgn

BY: CDalton5 -



LANDSCAPE LEGEND

- Major Deciduous Tree
- Minor Deciduous Tree/Flowering Tree
- Evergreen Tree
- Shrub
- Perennial Bed
- Existing Significant Tree to Remain
- Existing Tree to be Removed
- TPF — Tree Protection Fence
- CRZ — Critical Root Zone

PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING/REMARKS
LIN	3	Lagerstroemia Indica 'Natchez'	Natchez Crapemyrtle	8' Hgt.	Cont.	As Shown, Multi-stem

SCALE: 1" = 30'

THIS SHEET FOR PLANTING PURPOSES ONLY

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
LANDSCAPE ARCHITECTURE DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. ROUTE 355 AT JONES BRIDGE ROAD

REVISIONS

LANDSCAPE PLAN

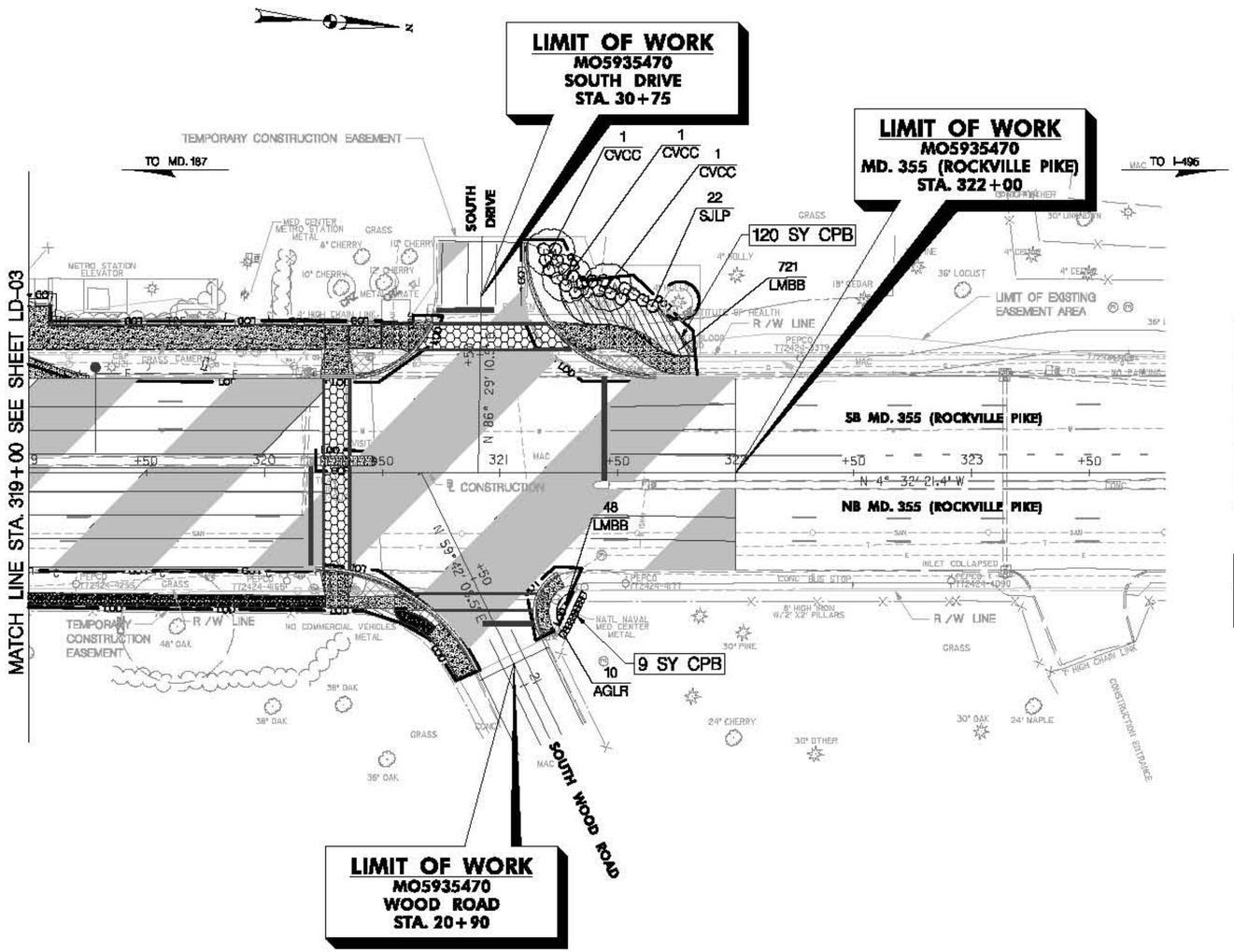
SCALE AS SHOWN ADVERTISED DATE <AD DATE> CONTRACT NO. MO5935470

DESIGNED BY CSD
DRAWN BY CSD
CHECKED BY JRP
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE

DRAWING NO. LD-03 OF 07 SHEET NO. 58 OF 91

PLOTTED: Thursday, April 08, 2010 AT 02:27 PM
FILE: T:\projects\pr0802\MW\LD-P003_MO5935470.dgn

BY: CDalton5 -



LANDSCAPE LEGEND

- Major Deciduous Tree
- Minor Deciduous Tree/Flowering Tree
- Evergreen Tree
- Shrub
- Perennial Bed
- Existing Significant Tree to Remain
- Existing Tree to be Removed
- TPF — Tree Protection Fence
- CRZ — Critical Root Zone

PLANT SCHEDULE (THIS SHEET)

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING/REMARKS
CVCC	3	Crataegus viridis 'Crimson Cloud'	Winter King Hawthorn	1.5" Cal.	B & B	As Shown
AGLR	10	Abelia x grandiflora 'Little Richard'	Little Richard Abelia	#3	Cont.	24" o.c.
SJLP	22	Spiraea japonica 'Little Princess'	Little Princess Spirea	#3	Cont.	24" o.c.
LMBB	769	Liriope muscari 'Big Blue'	Big Blue Liriope	SP #4	Cont.	12" o.c.

ADDITIONAL QUANTITIES (THIS SHEET)	
CONSTRUCTING PLANTING BEDS	129 SY

30' 0 30' 60'
SCALE: 1" = 30'

THIS SHEET FOR PLANTING PURPOSES ONLY

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
LANDSCAPE ARCHITECTURE DIVISION

BRAC INTERSECTION IMPROVEMENTS
MD. ROUTE 355 AT JONES BRIDGE ROAD

REVISIONS

LANDSCAPE PLAN

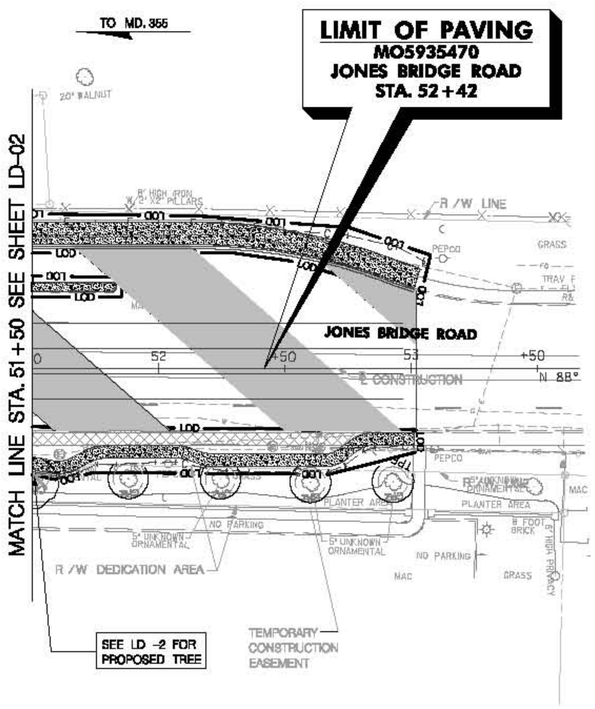
SCALE AS SHOWN ADVERTISED DATE <AD DATE> CONTRACT NO. MO5935470

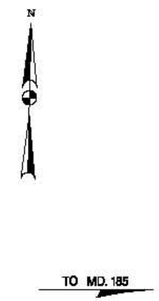
DESIGNED BY CSD
DRAWN BY CSD
CHECKED BY JRP
F.A.P. NO. SEE TITLE SHEET
COUNTY MONTGOMERY
LOGMILE

DRAWING NO. LD-04 OF 07 SHEET NO. 59 OF 91

PLOTTED: Thursday, April 08, 2010 AT 02:26 PM
FILE: T:\projects\MO5935470\LD-P004_MD355JB.dgn

BY: CDalton5 -





LANDSCAPE LEGEND

- Major Deciduous Tree
- Minor Deciduous Tree/Flowering Tree
- Evergreen Tree
- Shrub
- Perennial Bed
- Existing Significant Tree to Remain
- Existing Tree to be Removed
- TPF — Tree Protection Fence
- CRZ — Critical Root Zone

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