October 28, 2016

Ms. Elizabeth Hughes
State Historic Preservation Officer
Maryland Historical Trust
100 Community Place
Crownsville MD 21032-2023

Dear Ms. Hughes:

Introduction and Project Description

This letter serves to inform the Maryland Historical Trust (MHT) of the Maryland Department of Transportation's State Highway Administration (MDOT/SHA) finding that there will be no historic properties affected by the proposed Project No. BA534A21. The project involves the replacement of Bridge No. 0300800 on US 1 over CSX in Baltimore County. In addition to the bridge replacement, the project may include drainage and stormwater management improvements, signalization, signage, utility relocations and other related improvements. The project will also include widening and an alignment shift to accommodate wider lanes, shoulders, a new dedicated left turn lane along northbound US 1 for Clarke Blvd, and a possible reduction of the southbound lanes from two lanes to one before the merge with the southbound ramp lane coming from Metropolitan Blvd. This lane drop would eliminate the merge for the ramp lane coming from Metropolitan Blvd, enabling the ramp lane to become one of the southbound thru lanes.

Project plans are included as Attachment 1.

Funding

Federal funds are anticipated for this project.

Area of Potential Effects

In determining the Area of Potential Effects (APE) for this project, MDOT/SHA considered possible visual, audible, atmospheric and/or physical impacts to historic properties, both archaeological sites and standing structures, which would diminish National Register of Historic Places (NRHP) qualifying characteristics of an historic property's integrity. The APE is defined

as the limits of direct construction impacts and those parcels from which right-of-way or right-of-entry agreements are required. The APE is indicated on the attached MDOT/SHA quadrangle map for Halethrope (Attachment 2). The archaeology survey area is defined as the limits of direct construction impacts.

Identification Methods and Results

Potentially significant architectural and archaeological resources were both researched as part of the historic investigation instigated by the proposed safety and resurfacing work.

Architecture: MDOT/SHA Consultant Architectural Historian Rebecca Crew reviewed the SHA-GIS Cultural Resources Database, property tax data, aerial and street view photographs, and the Maryland Inventory of Historic Properties. A site visit was conducted in May 2016.

The Area of Potential Effects (APE) is defined as the limits of direct construction impacts and those parcels from which right-of-way or right-of-entry agreements are required. MDOT/SHA Bridge 030080 was built in 1930, and is a metal plate girder bridge carrying US 1 (Washington Boulevard, 2 lanes wide) over the CSX Railroad, measuring 109 feet in length. Bridge 030080 was previously inventoried as MIHP # BA-2781. MHT concurred with MDOT/SHA's recommendation that it is not eligible for listing in the National Register of Historic Places (NRHP) on April 3, 2001.

The properties to the south of the bridge are industrial. The Diageo Global Supply campus at 5001 Washington Boulevard was built in the 1933 as the Maryland Distillery (BA-3268). MHT concurred with a DOE recommending the property not eligible for listing in the NRHP on May 1, 2012.

Right-of-way is required from the automotive-related business at 4850 Washington Boulevard. A Short Form for Ineligible Properties is included as Attachment 3. The building is a typical example of a ubiquitous building type and not eligible for listing in the NRHP.

No historic standing structures are present in the APE, and the proposed bridge replacement project has no potential to impact historic standing structures. No further architectural investigations are recommended.

Archaeology: MDOT/SHA Archaeologist Lisa Kraus assessed the archaeological potential of the APE based on review of the SHA-GIS Cultural Resources Database, soil survey data, aerial photography, and historic maps. The archaeological survey area within the APE consists of the worst-case limits of disturbance (LOD) for the proposed bridge replacement.

No archaeological investigations have included the survey area, and no sites have been recorded there. Historic maps (Sidney 1850; Hopkins 1878) show both Washington Boulevard and the railroad at this location, but no dwellings or other structures are depicted within the survey area.

Construction plans for structure #0300800 (1930) show that Washington Boulevard (US 1) once crossed the railroad tracks at grade. The roadway was relocated in 1930, when the bridge was originally built. Aerial photographs (1957, 1971) show that the land surrounding the bridge was cleared and graded, apparently during improvements to the CSX tracks. The area was further disturbed by the construction of residences adjacent to US 1 and the CSX line.

The SCS Soil Survey for Baltimore County describes soils in and around the project area as urban land complexes, which have been heavily impacted by industrial and urban development at this location. Given the evidence for prior disturbance within the survey area, the proposed bridge replacement is unlikely to impact any intact or potentially significant archaeological resources. No further work is recommended.

Review Request

Please examine the attached maps, plans, and Eligibility and Effects Table (Attachment 4). We request your concurrence by November 28, 2016 that there would be no historic properties affected by the bridge replacement along US 1 over CSX. By carbon copy, we invite the Baltimore County Landmarks Preservation Commission and the Preservation Alliance of Baltimore County, Inc. to provide comments and participate in the Section 106 process. Pursuant to the requirements of the implementing regulations found at 36 CFR Part 800, MDOT/SHA seeks their assistance in identifying historic preservation issues as they relate to this specific project (see 36 CFR §800.2(c)(3) and (5), and §800.3(f) for information regarding the identification and participation of consulting parties, and §800.4, and §800.5 regarding the identification of historic properties and assessment of effects). For additional information regarding the Section 106 regulations, see the Advisory Council on Historic Preservation's website, www.achp.gov, or contact the Maryland Department of Transportation's State Highway Administration or the Maryland Historical Trust. If no response is received by November 28, 2016, we will assume that these offices decline to participate. Please call Rebecca Crew at 410-545-5793 (or via email at rcrew2@sha.state.md.us) with questions regarding standing structures for this project. Dr. Lisa Kraus may be reached at 410-545-2884 (or via email at lkraus@sha.state.md.us) with concerns regarding archaeology.

Sincerely,

For

Digitally signed by Richard Ervin
DN: cn=Richard Ervin, o=Cultural Resources Section, ou=MDOT SHA EPLD, email=rervin@sha.state.md.us, c=US
Date: 2016.10.27 11:48:55 -04'00'

Julie M. Schablitsky
Assistant Division Chief
Environmental Planning Division

Attachments: 1) Project Plans
2) APE Map
3) Short Form for Ineligible Properties
4) Eligibility and Effects Table

cc: Ms. Patricia Bentz, Preservation Alliance of Baltimore County, Inc., (w/Attachments)
Ms. Teri Rising, Baltimore County Landmarks Preservation Commission, (w/Attachments)
Ms. Rebecca Crew, MDOT/SHA-EPLD
Dr. Lisa Kraus, MDOT/SHA-EPLD (w/Attachments)
Mr. John Narer, MDOT/SHA-OBD
Dr. Julie M. Schablitsky, MDOT/SHA-EPLD
Ms. Deborah Sward, MDOT/SHA- EPLD

Concurrence with the MD State Highway Administration's
Determination(s) of Eligibility and/or Effects

Project Number: BA534A21 **MHT Log No._____**
Project Name: US 1 over CSX
County: Baltimore
Letter Date: October 28, 2016

The Maryland Historical Trust has reviewed the documentation attached to the referenced letter and concurs with the MD State Highway Administration's determinations as follows:

Eligibility (as noted in the Eligibility Table [Attachment 4]):

[ ] Concur
[ ] Do Not Concur

Effect (as noted in the Effects Table [Attachment 4]):

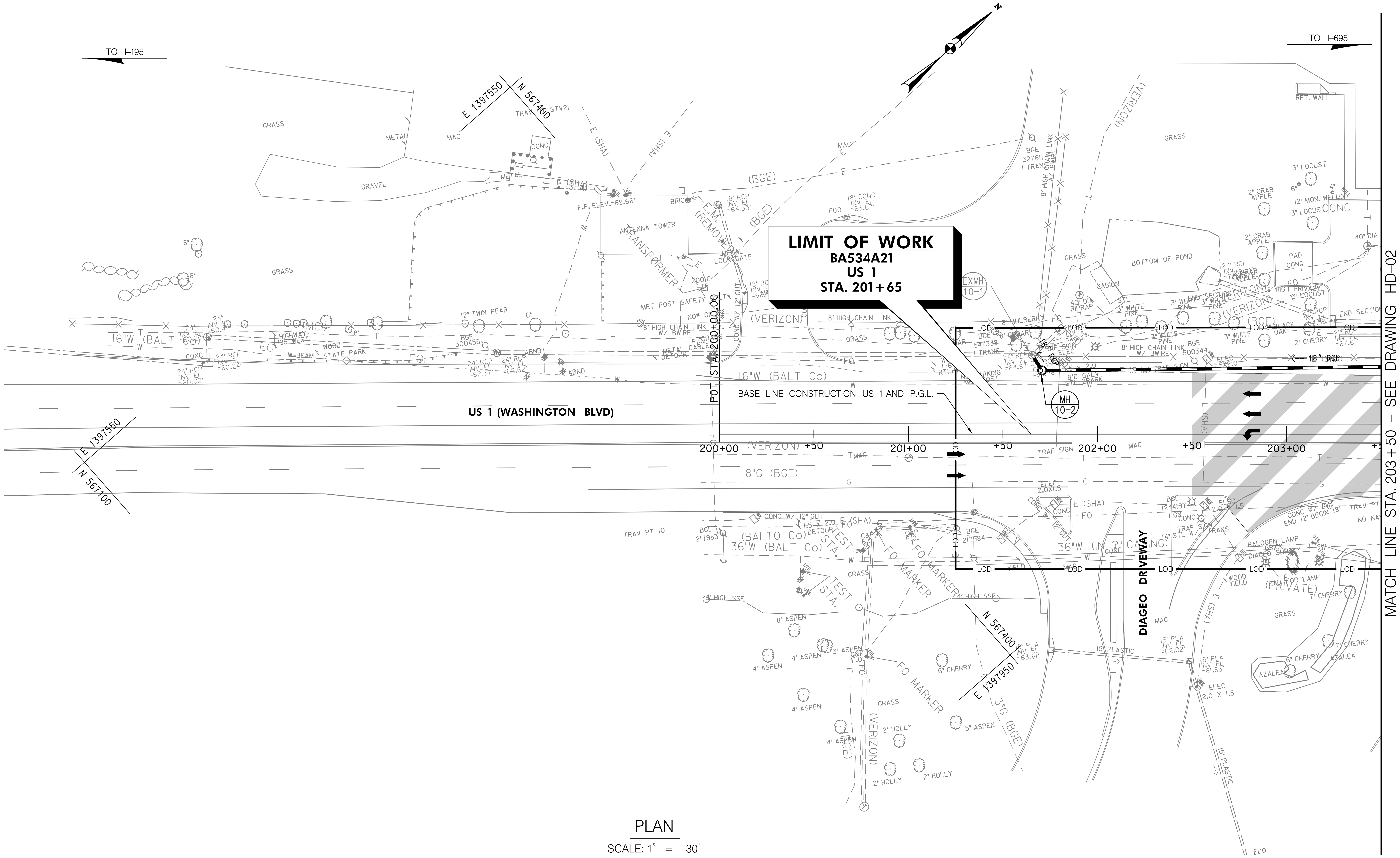
[ ] No Properties Affected
[ ] No Adverse Effect
[ ] Conditioned upon the following action(s) (see comments below)
[ ] Adverse Effect

Comments:

By: _____ _____
MD State Historic Preservation Office/ Date
Maryland Historical Trust

Return by U.S. Mail or Facsimile to:
Dr. Julie M. Schablitsky, Assistant Division Chief, Environmental Planning Division,
MD State Highway Administration, P.O. Box 717, Baltimore, MD 21203-0717
Telephone: 410-545-8870 and Facsimile: 410-209-5046
A_Proj No. 10420

cc: Crew
Kraus
Sward



PLAN

SCALE: 1" = 30'

PAVEMENT LEGEND

- FULL DEPTH
- GRINDING AND RESURFACING
- CONCRETE SIDEWALK
- REMOVAL

STRUCTURE SCHEDULE

NO.	STATION	OFFSET	BASELINE	MD STANDARD NO., TYPE	T.S.	REMARKS
MH 10-2	201+71	34' LT.	US 1	MD-384.01 48" DIAMETER PRECAST MANHOLE FOR 12" TO 24" PIPES	TBD	XXXX

PIPE SCHEDULE

FROM	TO	SIZE	TYPE	LENGTH	INV. IN	INV. OUT	REMARKS
MH 10-2	EXMH 10-1	18"	RCP	6'	TBD	TBD	XXXX
MH 10-3	MH 10-2	18"	RCP	248'	TBD	TBD	XXXX

BY: mroberts

Whitman, Requardt & Associates, LLP
801 South Caroline Street, Baltimore, Maryland 21231

DATUM: NAD 83/91 Horizontal
NAVD 88 Vertical

R / W PLAT NUMBER	CROSS REFERENCE		REVISIONS
	ITEM	SHEET NOs.	
	TYPICAL SHEETS		
	SUPERELEVATION SHEETS		
	PIPE & DRAINAGE SCHEDULE		
	GEOMETRIC LAYOUT SHEETS		
	ROADWAY PLAN SHEETS		
	ROADWAY PROFILE SHEETS		
	TRAFFIC CONTROL SHEETS		
	EROSION & SEDIMENT CONTROL		
	SIGNING & MARKING PLANS		
	LANDSCAPE PLAN SHEETS		
	UTILITIES		

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

HIGHWAY DESIGN DIVISION

BRIDGE REPLACEMENT
STEEL GIRDER BRIDGE NO. 0300800
ON US 1
OVER CSXT RAILROAD

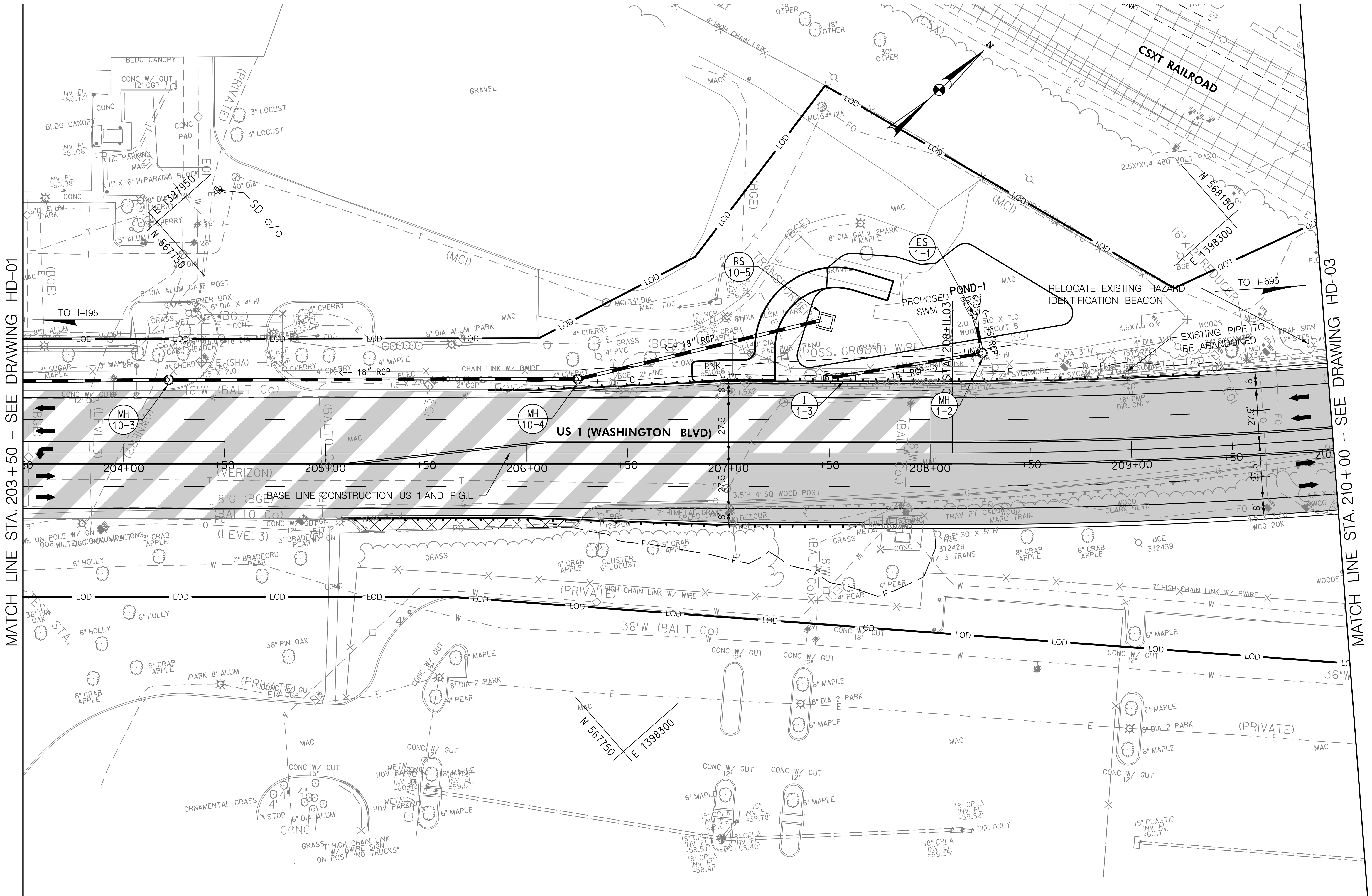
ROADWAY PLAN

SCALE 1" = 30' DATE JUNE 2016 CONTRACT NO. BA5345180

DESIGNED BY	KAH	COUNTY	BALTIMORE
DRAWN BY	ALS	LOGMILE	
CHECKED BY	MTR	HORIZONTAL SCALE	
F.A.P. NO.	SEE TITLE SHEET	VERTICAL SCALE	

DRAWING NO. **HD-01** OF **05** SHEET NO. 08 OF

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PLAN

SCALE: 1" = 30'

PAVEMENT LEGEND

- FULL DEPTH
- GRINDING AND RESURFACING
- CONCRETE SIDEWALK
- REMOVAL

STRUCTURE SCHEDULE

NO.	STATION	OFFSET	BASELINE	MD STANDARD NO., TYPE	T.S.	REMARKS
ES I-I	208+22	68' LT.	US I	MD-368.0I STANDARD CONCRETE END SECTION ROUND CONCRETE PIPE	TBD	I5" OPENING
MH I-2	208+26	50' LT.	US I	MD-384.0I 48" DIAMETER PRECAST MANHOLE FOR I2" TO 24" PIPES	TBD	XXXX
II-3	207+49	35' LT.	US I	MD-374.62 PRECAST OR CAST IN PLACE CIRCULAR COG INLET FOR 8" CURB	TBD	I5' CURB OPENING
MH I0-3	204+22	36' LT.	US I	MD-384.0I 48" DIAMETER PRECAST MANHOLE FOR I2" TO 24" PIPES	TBD	XXXX
MH I0-4	206+25	37' LT.	US I	MD-384.0I 48" DIAMETER PRECAST MANHOLE FOR I2" TO 24" PIPES	TBD	XXXX
RS I0-5	207+48	65' LT.	US I	SWM RISER STRUCTURE, SEE DETAIL	TBD	XXXX

PIPE SCHEDULE

FROM	TO	SIZE	TYPE	LENGTH	INV. IN	INV. OUT	REMARKS
MH I-2	ES I-I	I5"	RCP	I2'	TBD	TBD	XXXX
II-3	MH I-2	I5"	RCP	74'	TBD	TBD	XXXX
MH I0-4	MH I0-3	I8"	RCP	200'	TBD	TBD	XXXX
RS I0-5	MH I0-4	I8"	RCP	I23'	TBD	TBD	XXXX

RIPRAP SCHEDULE

OUTFALL	AREA (SY)	TYPE	LENGTH	WIDTH
ES I-I	I6	CLASS I	I0'	I0'

DATUM: NAD 83/91 Horizontal
NAVD 88 Vertical

Whitman, Requardt & Associates, LLP
801 South Caroline Street, Baltimore, Maryland 21231

BY: mroberts

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

BRIDGE REPLACEMENT
STEEL GIRDER BRIDGE NO. 0300800
ON US 1
OVER CSXT RAILROAD

ROADWAY PLAN

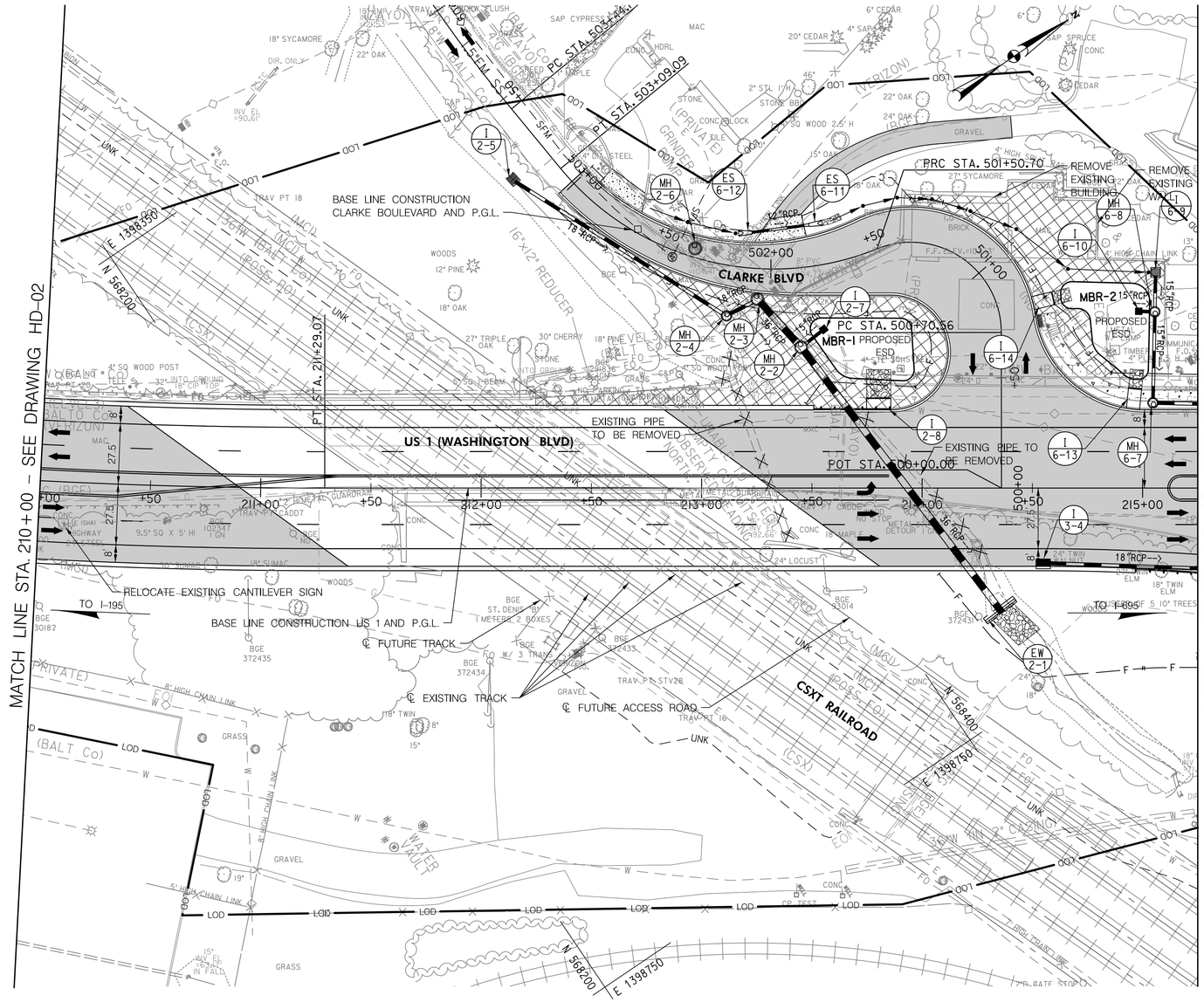
R/W PLAT NUMBER	CROSS REFERENCE		REVISIONS
	ITEM	SHEET NOs.	
	TYPICAL SHEETS		
	SUPERELEVATION SHEETS		
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	SIGNING & MARKING PLANS		
	LANDSCAPE PLAN SHEETS		
	UTILITIES		

SCALE 1" = 30' DATE JUNE 2016 CONTRACT NO. BA5345180

DESIGNED BY	KAH	COUNTY	BALTIMORE
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CHECKED BY	MTR	HORIZONTAL SCALE	
F.A.P. NO.	SEE TITLE SHEET	VERTICAL SCALE	

DRAWING NO. **HD-02** OF **05** SHEET NO. 09 OF

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STRUCTURE SCHEDULE

NO.	STATION	OFFSET	BASELINE	MD STANDARD NO., TYPE	T.S.	REMARKS
EW 2-1	214+36	56' RT.	US 1	MD-354.01 STANDARD TYPE C ENDWALL ROUND PIPE	TBD	36" OPENING
MH 2-2	501+89	36' LT.	CLARKE	MD-384.03 60" DIAMETER PRECAST MANHOLE FOR 27" TO 36" PIPES	TBD	XXXX
MH 2-3	502+05	14' LT.	CLARKE	MD-384.03 60" DIAMETER PRECAST MANHOLE FOR 27" TO 36" PIPES	TBD	XXXX
MH 2-4	502+17	23' LT.	CLARKE	MD-384.01 48" DIAMETER PRECAST MANHOLE FOR 12" TO 24" PIPES	TBD	XXXX
I 2-5	503+19	20' LT.	CLARKE	MD-378.11 PRECAST STANDARD SINGLE OPENING TYPE K INLET OPEN-END GRATE	TBD	XXXX
MH 2-6	502+36	4' RT.	CLARKE	MD-384.03 60" DIAMETER PRECAST MANHOLE FOR 27" TO 36" PIPES	TBD	XXXX
I 2-7	501+80	29' LT.	CLARKE	MD-381.01 STANDARD YARD INLET	TBD	XXXX
I 2-8	213+80	36' LT.	US 1	MD-374.68 PRECAST COG/COS OPENING FOR 8" CURB	TBD	10' CURB OPENING
I 3-4	214+55	34' RT.	US 1	MD-374.21 PRECAST WR INLET	TBD	XXXX
MH 6-7	215+05	39' LT.	US 1	MD-384.01 48" DIAMETER PRECAST MANHOLE FOR 12" TO 24" PIPES	TBD	XXXX
MH 6-8	500+72	70' RT.	CLARKE	MD-384.01 48" DIAMETER PRECAST MANHOLE FOR 12" TO 24" PIPES	TBD	XXXX
I 6-9	500+80	73' RT.	CLARKE	MD-378.03 STANDARD SINGLE OPENING TYPE K INLET NON-TRAFFIC	TBD	XXXX
I 6-10	500+74	63' RT.	CLARKE	MD-381.01 STANDARD YARD INLET	TBD	XXXX
ES 6-11	501+73	19' RT.	CLARKE	MD-368.01 STANDARD CONCRETE END SECTION ROUND CONCRETE PIPE	TBD	12" OPENING
ES 6-12	502+17	15' RT.	CLARKE	MD-368.01 STANDARD CONCRETE END SECTION ROUND CONCRETE PIPE	TBD	12" OPENING
I 6-13	214+96	36' RT.	US 1	MD-374.68 PRECAST COG/COS OPENING FOR 8" CURB	TBD	5' CURB OPENING
I 6-14	500+80	16' RT.	CLARKE	MD-374.68 PRECAST COG/COS OPENING FOR 8" CURB	TBD	5' CURB OPENING

PIPE SCHEDULE

FROM	TO	SIZE	TYPE	LENGTH	INV. IN	INV. OUT	REMARKS
MH 2-2	EW 2-1	36"	RCP	150'	TBD	TBD	XXXX
MH 2-3	MH 2-2	36"	RCP	26'	TBD	TBD	XXXX
MH 2-4	MH 2-3	18"	RCP	12'	TBD	TBD	XXXX
I 2-5	MH 2-4	18"	RCP	112'	TBD	TBD	XXXX
I 2-7	MH 2-2	15"	RCP	10'	TBD	TBD	XXXX
I 3-4	MH 3-3	18"	RCP	116'	TBD	TBD	XXXX
MH 6-8	MH 6-7	15"	RCP	38'	TBD	TBD	XXXX
I 6-9	MH 6-8	15"	RCP	15'	TBD	TBD	XXXX
I 6-10	MH 6-8	15"	RCP	5'	TBD	TBD	XXXX
ES 6-12	ES 6-11	12"	RCP	26'	TBD	TBD	XXXX

RIPRAP SCHEDULE

OUTFALL	AREA (SY)	TYPE	LENGTH	WIDTH
EW 2-1	21	CLASS 1	17'	12'
I 2-8	16	CLASS 1	13'	11'
I 6-13	6	CLASS 1	8'	6'
I 6-14	5	CLASS 1	8'	6'
ES 6-11	3	CLASS 1	9'	3'

PAVEMENT LEGEND

- FULL DEPTH
- GRINDING AND RESURFACING
- CONCRETE SIDEWALK
- REMOVAL

PLAN
SCALE: 1" = 30'

DATUM: NAD 8391 Horizontal
NAVD 88 Vertical

WRA
Whitman, Requardt & Associates, LLP
801 South Caroline Street, Baltimore, Maryland 21231

BY: mroberts

R/W PLAT NUMBER	CROSS REFERENCE	REVISIONS
	ITEM — SHEET NOs.	
	TYPICAL SHEETS	
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SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

BRIDGE REPLACEMENT
STEEL GIRDER BRIDGE NO. 0300800
ON US 1
OVER CSXT RAILROAD

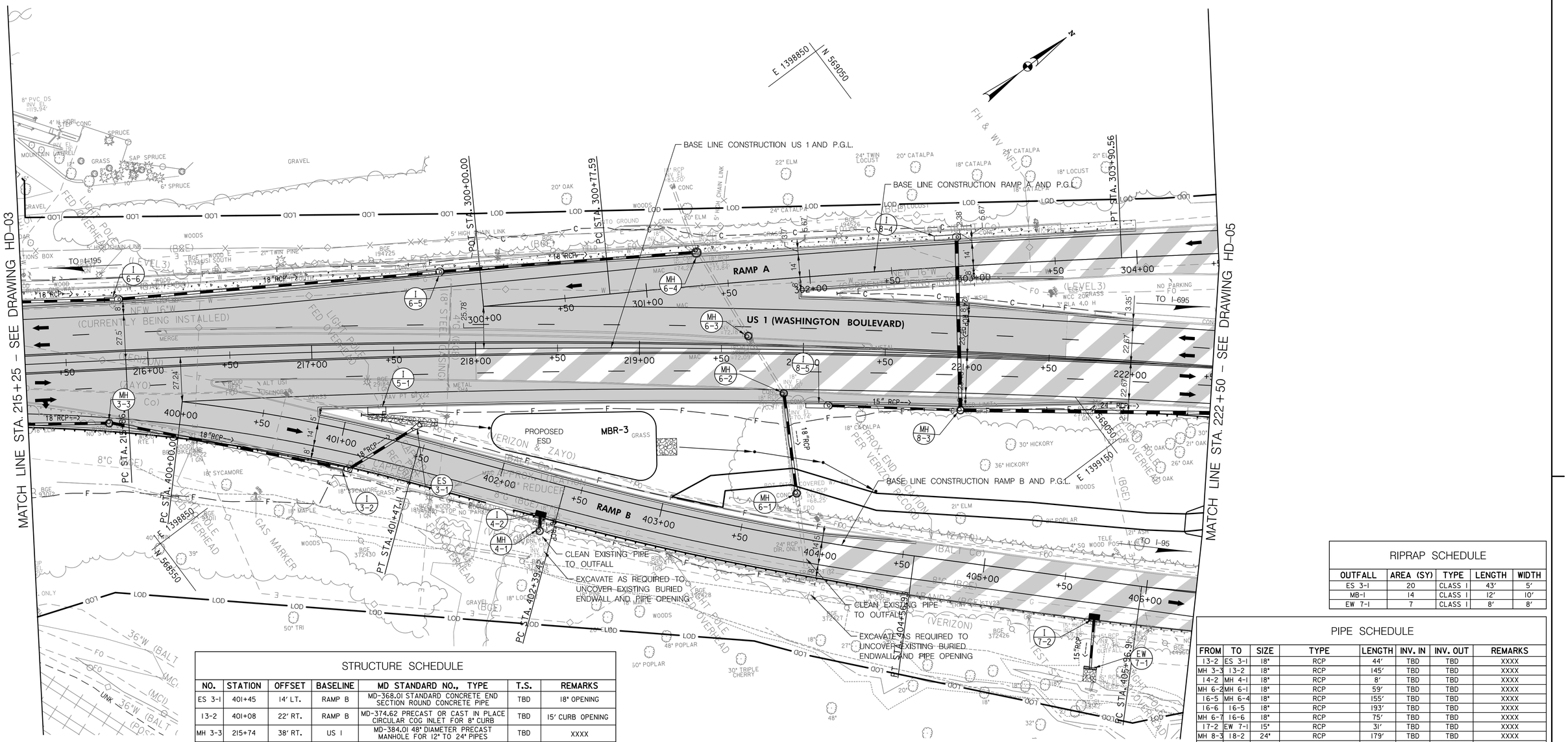
ROADWAY PLAN

SCALE 1" = 30' DATE JUNE 2016 CONTRACT NO. BA5345180

DESIGNED BY KAH COUNTY BALTIMORE
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F.A.P. NO. SEE TITLE SHEET VERTICAL SCALE

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RIPRAP SCHEDULE

OUTFALL	AREA (SY)	TYPE	LENGTH	WIDTH
ES 3-1	20	CLASS 1	43′	5′
MB-1	14	CLASS 1	12′	10′
EW 7-1	7	CLASS 1	8′	8′

PIPE SCHEDULE

FROM	TO	SIZE	TYPE	LENGTH	INV. IN	INV. OUT	REMARKS
13-2	ES 3-1	18"	RCP	44′	TBD	TBD	XXXX
MH 3-3	13-2	18"	RCP	145′	TBD	TBD	XXXX
14-2	MH 4-1	18"	RCP	8′	TBD	TBD	XXXX
MH 6-2	MH 6-1	18"	RCP	59′	TBD	TBD	XXXX
16-5	MH 6-4	18"	RCP	155′	TBD	TBD	XXXX
16-6	16-5	18"	RCP	193′	TBD	TBD	XXXX
MH 6-7	16-6	18"	RCP	75′	TBD	TBD	XXXX
17-2	EW 7-1	15"	RCP	31′	TBD	TBD	XXXX
MH 8-3	18-2	24"	RCP	179′	TBD	TBD	XXXX
18-4	MH 8-3	24"	RCP	102′	TBD	TBD	XXXX
18-5	MH 8-3	15"	RCP	77′	TBD	TBD	XXXX

STRUCTURE SCHEDULE

NO.	STATION	OFFSET	BASELINE	MD STANDARD NO., TYPE	T.S.	REMARKS
ES 3-1	401+45	14′ LT.	RAMP B	MD-368.01 STANDARD CONCRETE END SECTION ROUND CONCRETE PIPE	TBD	18" OPENING
13-2	401+08	22′ RT.	RAMP B	MD-374.62 PRECAST OR CAST IN PLACE CIRCULAR COG INLET FOR 8" CURB	TBD	15′ CURB OPENING
MH 3-3	215+74	38′ RT.	US 1	MD-384.01 48" DIAMETER PRECAST MANHOLE FOR 12" TO 24" PIPES	TBD	XXXX
MH 4-1	402+32	30′ RT.	RAMP B	MD-384.01 48" DIAMETER PRECAST MANHOLE FOR 12" TO 24" PIPES	TBD	XXXX
14-2	402+30	21′ RT.	RAMP B	MD-374.21 PRECAST WR INLET	TBD	XXXX
15-1	217+39	34′ RT.	US 1	MD-374.68 PRECAST OR CAST IN PLACE COG OPENING FOR 8" CURB	TBD	10′ CURB OPENING
MH 6-1	219+98	88′ RT.	US 1	MD-384.01 48" DIAMETER PRECAST MANHOLE FOR 12" TO 24" PIPES	TBD	XXXX
MH 6-2	219+89	27′ RT.	US 1	MD-384.01 48" DIAMETER PRECAST MANHOLE FOR 12" TO 24" PIPES	TBD	XXXX
MH 6-3	219+66	8′ LT.	US 1	MD-384.01 48" DIAMETER PRECAST MANHOLE FOR 12" TO 24" PIPES	TBD	XXXX
MH 6-4	301+33	20′ LT.	RAMP A	MD-384.03 60" DIAMETER PRECAST MANHOLE FOR 27" TO 36" PIPES	TBD	XXXX
16-5	217+79	46′ LT.	US 1	MD-374.62 PRECAST OR CAST IN PLACE CIRCULAR COG INLET FOR 8" CURB	TBD	15′ CURB OPENING
16-6	215+84	36′ LT.	US 1	MD-374.62 PRECAST OR CAST IN PLACE CIRCULAR COG INLET FOR 8" CURB	TBD	10′ CURB OPENING
EW 7-1	405+72	54′ RT.	RAMP B	MD-354.01 STANDARD TYPE C ENDWALL	TBD	15" OPENING
17-2	405+71	23′ RT.	RAMP B	MD-374.21 PRECAST WR INLET	TBD	XXXX
MH 8-3	220+97	33′ RT.	US 1	MD-384.01 48" DIAMETER PRECAST MANHOLE FOR 12" TO 24" PIPES	TBD	XXXX
18-4	302+91	16′ LT.	RAMP A	MD-374.62 PRECAST OR CAST IN PLACE CIRCULAR COG INLET FOR 8" CURB	TBD	15" CURB OPENING
18-5	220+16	32′ RT.	US 1	MD-374.62 PRECAST OR CAST IN PLACE CIRCULAR COG INLET FOR 8" CURB	TBD	15" CURB OPENING

PAVEMENT LEGEND

- FULL DEPTH
- GRINDING AND RESURFACING
- CONCRETE SIDEWALK
- REMOVAL

PLAN

SCALE: 1" = 30'

DATUM: NAD 83\91 Horizontal
NAVD 88 Vertical

WRA
Whitman, Requardt & Associates, LLP
801 South Caroline Street, Baltimore, Maryland 21231

BY: mroberts

R / W PLAT NUMBER

CROSS REFERENCE

ITEM	SHEET NOs.
TYPICAL SHEETS	
SUPERELEVATION SHEETS	
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GEOMETRIC LAYOUT SHEETS	
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TRAFFIC CONTROL SHEETS	
EROSION & SEDIMENT CONTROL	
SIGNING & MARKING PLANS	
LANDSCAPE PLAN SHEETS	
UTILITIES	

REVISIONS

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

BRIDGE REPLACEMENT
STEEL GIRDER BRIDGE NO. 0300800
ON US 1
OVER CSXT RAILROAD

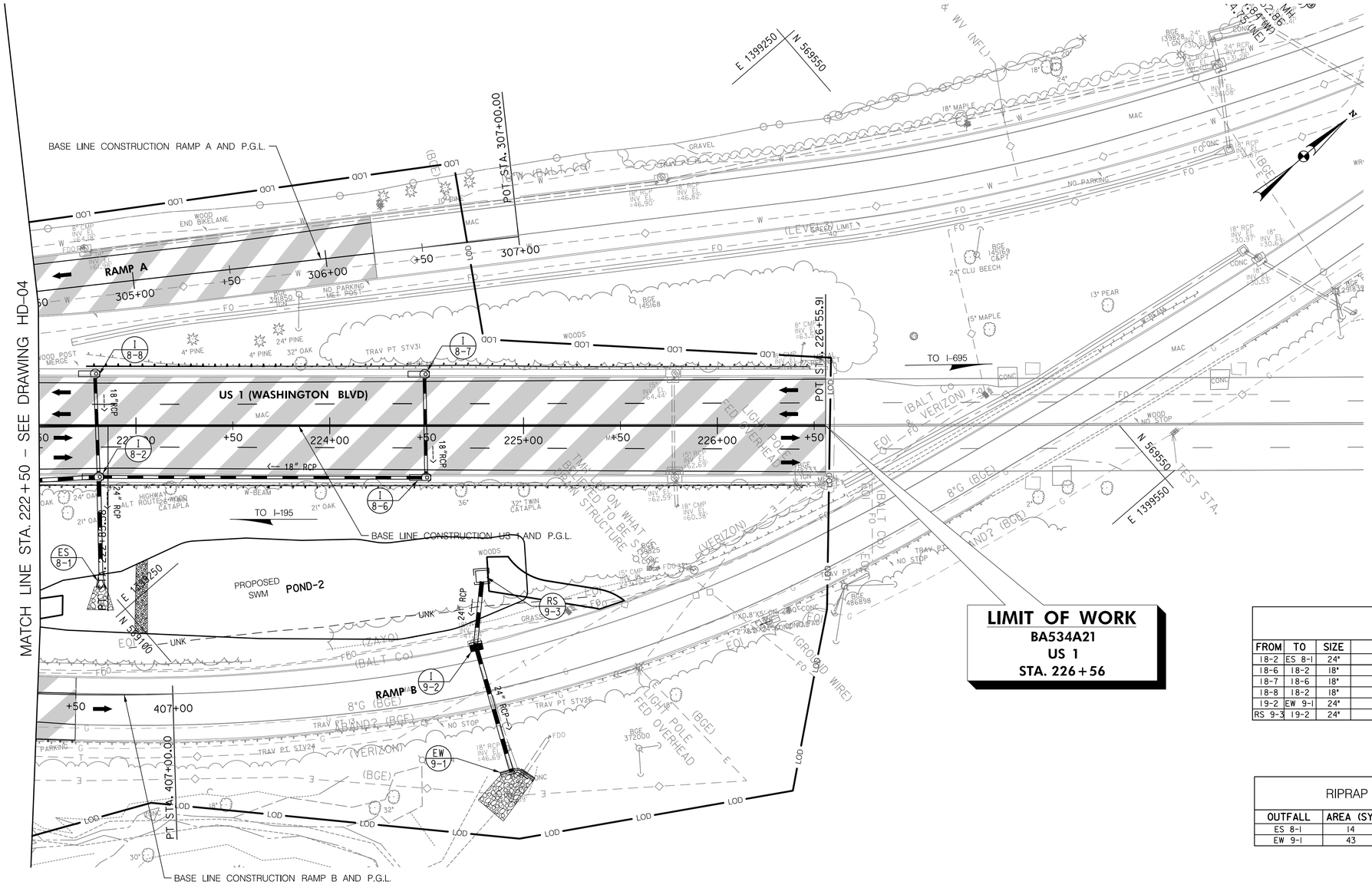
ROADWAY PLAN

SCALE 1" = 30' DATE JUNE 2016 CONTRACT NO. BA5345180

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DRAWING NO. HD-04 OF 05 SHEET NO. 11 OF

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PAVEMENT LEGEND

- FULL DEPTH
- GRINDING AND RESURFACING
- CONCRETE SIDEWALK
- REMOVAL

PLAN

SCALE: 1" = 30'

DATUM: NAD 8391 Horizontal
NAVD 88 Vertical

PIPE SCHEDULE

FROM	TO	SIZE	TYPE	LENGTH	INV. IN	INV. OUT	REMARKS
I8-2	ES 8-1	24"	RCP	49'	TBD	TBD	XXXX
I8-6	I8-2	I8"	RCP	I65'	TBD	TBD	XXXX
I8-7	I8-6	I8"	RCP	50'	TBD	TBD	XXXX
I8-8	I8-2	I8"	RCP	49'	TBD	TBD	XXXX
I9-2	EW 9-1	24"	RCP	66'	TBD	TBD	XXXX
RS 9-3	I9-2	24"	RCP	44'	TBD	TBD	XXXX

RIPRAP SCHEDULE

OUTFALL	AREA (SY)	TYPE	LENGTH	WIDTH
ES 8-1	I4	CLASS I	20'	32'
EW 9-1	43	CLASS I	I2'	I4'

STRUCTURE SCHEDULE

NO.	STATION	OFFSET	BASELINE	MD STANDARD NO., TYPE	T.S.	REMARKS
ES 8-1	222+8I	83' RT.	US 1	MD-368.0I STANDARD CONCRETE END SECTION ROUND CONCRETE PIPE	TBD	24" OPENING
I8-2	222+80	25' RT.	US 1	MD-374.62 PRECAST OR CAST IN PLACE CIRCULAR COG INLET FOR 8" CURB	TBD	I0' CURB OPENING
I8-6	224+50	25' RT.	US 1	MD-374.62 PRECAST OR CAST IN PLACE CIRCULAR COG INLET FOR 8" CURB	TBD	I0' CURB OPENING
I8-7	224+49	25' LT.	US 1	MD-374.62 PRECAST OR CAST IN PLACE CIRCULAR COG INLET FOR 8" CURB	TBD	I0' CURB OPENING
I8-8	222+78	25' LT.	US 1	MD-374.62 PRECAST OR CAST IN PLACE CIRCULAR COG INLET FOR 8" CURB	TBD	I0' CURB OPENING
EW 9-1	224+94	I79' RT.	US 1	MODIFIED TYPE C ENDWALL, SEE DETAIL	TBD	24" OPENINGS
I9-2	224+76	II4' RT.	US 1	MD-374.2I PRECAST WR INLET	TBD	XXXX
RS 9-3	224+4I	84' RT.	US 1	SWM RISER STRUCTURE, SEE DETAIL	TBD	XXXX

Whitman, Requardt & Associates, LLP
801 South Caroline Street, Baltimore, Maryland 21231

BY: mroberts

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

BRIDGE REPLACEMENT
STEEL GIRDER BRIDGE NO. 0300800
ON US 1
OVER CSXT RAILROAD

R/W PLAT NUMBER	CROSS REFERENCE	REVISIONS
	ITEM — SHEET NOs.	
	TYPICAL SHEETS	
	SUPERELEVATION SHEETS	
	PIPE & DRAINAGE SCHEDULE	
	GEOMETRIC LAYOUT SHEETS	
	ROADWAY PLAN SHEETS	
	ROADWAY PROFILE SHEETS	
	TRAFFIC CONTROL SHEETS	
	EROSION & SEDIMENT CONTROL	
	SIGNING & MARKING PLANS	
	LANDSCAPE PLAN SHEETS	
	UTILITIES	

ROADWAY PLAN

SCALE 1" = 30' DATE JUNE 2016 CONTRACT NO. BA5345180

DESIGNED BY KAH COUNTY BALTIMORE
DRAWN BY ALS LOGMILE
CHECKED BY MTR HORIZONTAL SCALE
F.A.P. NO. SEE TITLE SHEET VERTICAL SCALE

DRAWING NO. HD-05 OF 05 SHEET NO. 12 OF

PLOTTED: July 19, 2016
FILE: N:\31747-036\CADD\pHD-P005_US1.dgn



APE Map
US 1 over CSX (Bridge 030080)
Baltimore County, Relay Quad

1:12,000

N

Hybrid Eligibility/Effects Table

Attachment 4

US 1 over CSX (Bridge 30080) **October 28, 2016**

Resource	Type	SHA NR Det.	SHPO Opinion	Impact	SHPO Concur	Attachment	Remarks
Bridge 030080 was previously inventoried as MIHP # BA-2781	S	X	X, 4/3/2001	N/A	N/A		
Maryland Distillery (BA-3268)	S	X	X, 5/1/2012	N/A	N/A		
4850 Washington Boulevard	**S**	**X**	**Requested 11/2016**	**None**	**Requested 11/2016**	**3**	
Effect				**NPA**	**Requested 11/2016**		

Codes:

Resource Types: S (Structure), A (Archaeological Site), HD (Historic District), NHL (National Historic Landmark)
NR Determination: ND (Not Determined), X (Not Eligible), NR (Eligible), NRL (Listed), NHL (Landmark)
SHPO Opinion: (B) designates opinion regarding boundary, Code following date signifies SHPO opinion
Impact: None, No Adverse, Adverse
Effect: NPA (No Properties Affected), NAE (No Adverse Effect), AE (Adverse Effect)
Bold rows indicate review action requested