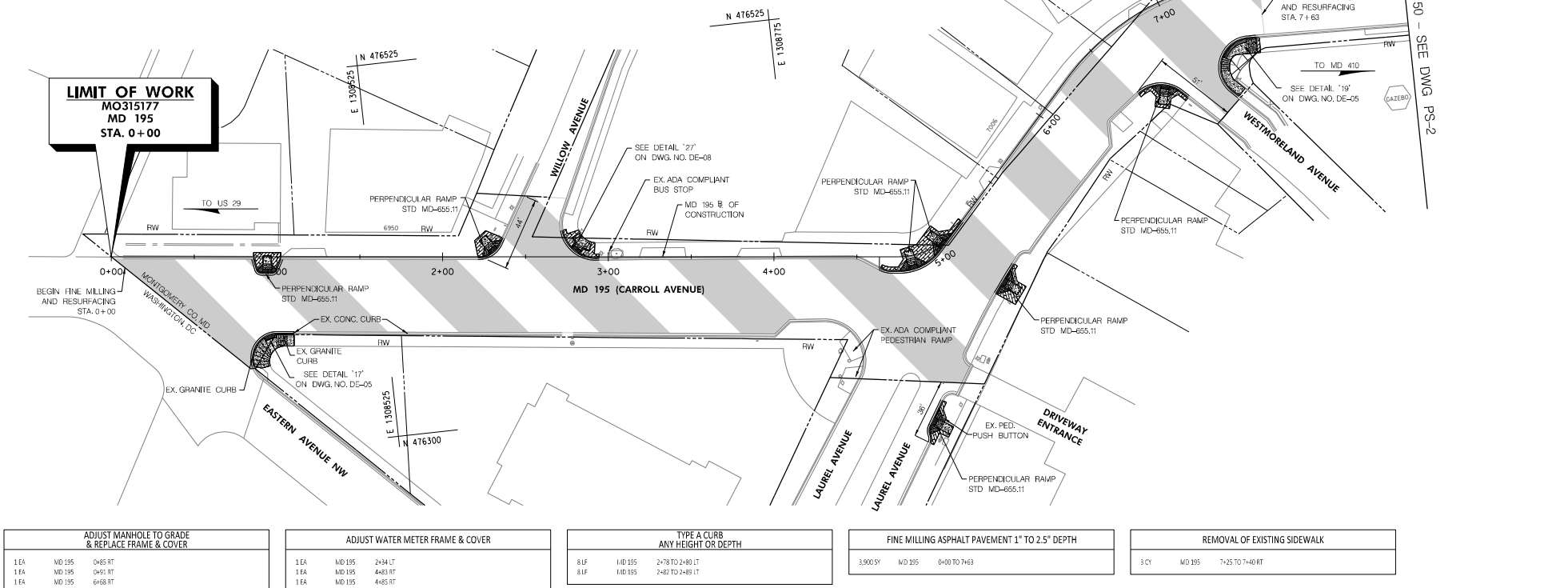


DETECTABLE WARNING SURFACES FOR CURB RAMPS STD MD-655.40	
10 SF	MD 195 0+68 RT
15 SF	MD 195 0+54 RT
10 SF	MD 195 2+31 LT
10 SF	MD 195 2+80 LT
10 SF	MD 195 4+81 RT
10 SF	MD 195 4+83 RT
10 SF	MD 195 5+03 RT
10 SF	MD 195 5+13 RT
10 SF	MD 195 6+74 RT
15 SF	MD 195 7+40 RT
10 SF	MD 195 7+47 RT

5" CONCRETE SIDEWALK	
68 SF	MD 195 0+87 TO 1+00 RT
388 SF	MD 195 0+87 TO 1+10 RT
77 SF	MD 195 2+74 TO 2+96 LT
76 SF	MD 195 2+78 TO 2+90 LT
92 SF	MD 195 4+75 TO 4+90 LT
90 SF	MD 195 4+80 TO 4+83 RT
91 SF	MD 195 4+97 TO 5+11 RT
90 SF	MD 195 5+07 TO 5+16 RT
91 SF	MD 195 6+64 TO 6+81 RT
301 SF	MD 195 7+34 TO 7+58 RT
84 SF	MD 195 7+40 TO 7+52 RT

TYPE A COMBINATION CURB & GUTTER ANY HEIGHT OR DEPTH	
21 LF	MD 195 0+85 TO 1+00 RT
31 LF	MD 195 0+85 TO 1+04 RT
22 LF	MD 195 2+71 TO 2+97 LT
32 LF	MD 195 2+71 TO 2+95 LT
64 LF	MD 195 4+65 TO 5+25 LT
33 LF	MD 195 4+80 TO 4+84 RT
21 LF	MD 195 5+07 TO 5+13 RT
15 LF	MD 195 6+52 TO 6+87 RT
16 LF	MD 195 7+34 TO 7+58 RT
31 LF	MD 195 7+35 TO 7+55 RT

BRICK SIDEWALK	
96 SF	MD 195 0+85 TO 1+02 LT
90 SF	MD 195 2+59 TO 2+95 LT
84 SF	MD 195 2+73 TO 2+95 LT
261 SF	MD 195 4+64 TO 5+24 LT
62 SF	MD 195 4+80 TO 4+84 LT
303 SF	MD 195 5+47 TO 5+18 RT
90 SF	MD 195 6+52 TO 6+87 RT
99 SF	MD 195 7+35 TO 7+55 RT
18 SF	MD 195 7+58 TO 7+60 RT



ADJUST MANHOLE TO GRADE & REPLACE FRAME & COVER	
1 EA	MD 195 0+83 RT
1 EA	MD 195 0+91 RT
1 EA	MD 195 6+88 RT

ADJUST WATER METER FRAME & COVER	
1 EA	MD 195 2+34 LT
1 EA	MD 195 4+83 RT
1 EA	MD 195 4+85 RT

TYPE A CURB ANY HEIGHT OR DEPTH	
8 LF	MD 195 2+78 TO 2+80 LT
8 LF	MD 195 2+82 TO 2+89 LT

FINE MILLING ASPHALT PAVEMENT 1" TO 2.5" DEPTH	
3,900 SY	MD 195 0+00 TO 7+63

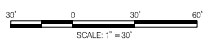
REMOVAL OF EXISTING SIDEWALK	
3 CY	MD 195 7+25 TO 7+40 RT

DISTRICT 3
ENGINEERING SYSTEMS TEAM

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MD 195 FROM DC LINE TO MD 193
SAFETY AND RESURFACING



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ROADWAY LEGEND	
	FULL DEPTH RECONSTRUCTION
	PROPOSED CONCRETE DRIVEWAY
	FINE MILLING AND RESURFACING
	PROPOSED CONCRETE SIDEWALK AND MEDIAN
	BRICK SIDEWALK
	EXISTING SIDEWALK AND PROPOSED REMOVAL
	DETECTABLE WARNING SURFACE

R / W PLAT NUMBER	CROSS REFERENCE	SHEET NO.
	FILED	
	SHEET BOOK & SHEET LAYOUT	2
	NOTES & ABBREVIATIONS	3
	TYPICAL SHEETS	4
	PAVEMENT DETAIL SHEETS	5 - 6
	ROADWAY DETAIL SHEETS	7 - 8
	ROADWAY PLAN SHEETS	9 - 28
	PROFILE SHEETS	29 - 33
	TRAFFIC CONTROL SHEETS	34
	SIGNS & MARKING PLANS	35 - 40
	DRAINAGE SCHEDULE & TREE PROFILES	41
	EROSION & SEDIMENT CONTROL	42 - 43

ROADWAY PLAN			
SCALE: 1" = 30', ADVERTISED DATE: DEC 2022, CONTRACT NO.: MD0315177			
DESIGNED BY	JEB	COUNTY	MONTGOMERY
DRAWN BY	AJC & JFR	LOCALITY	
CHECKED BY	TLK	HORIZONTAL SCALE	
MDE/PRD	S-2-2023	VERTICAL SCALE	
DRAWING NO.	PS-1	OF	12
		SHEET NO.	17 OF 52

PL01780 10/14/2022
FILE: S:\2023\MD195\DC Line to MD 193\Drawings\Detail Office\Detail 3E\Engineering Systems Team\Design Projects\MD0315177 - MD 195 (Carroll Ave.) - from DC Line to MD 193\Roadway Design\CAD\DWG\PSD_MD195.rvt

By: Jeremy Betz

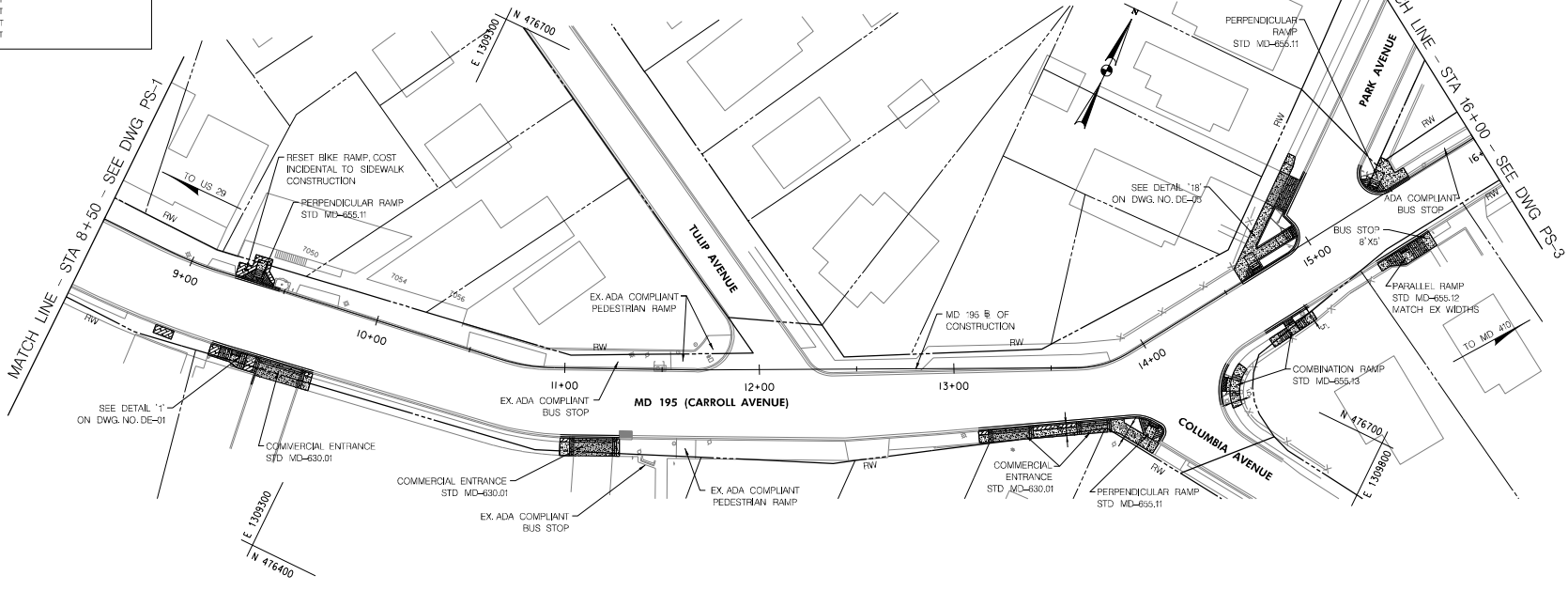
5" CONCRETE SIDEWALK		
91 SF	VD 195	9+27 TO 9+44 LT
95 SF	VD 195	9+27 TO 9+41 RT
39 SF	VD 195	9+72 TO 9+77 RT
36 SF	VD 195	10+58 TO 11+03 RT
13 SF	VD 195	12+27 TO 12+29 RT
20 SF	VD 195	13+22 TO 13+26 RT
90 SF	VD 195	13+41 TO 13+43 RT
247 SF	VD 195	13+40 TO 13+45 RT
136 SF	VD 195	14+22 TO 14+38 RT
145 SF	VD 195	14+40 TO 14+43 RT
390 SF	VD 195	14+60 TO 14+67 LT
48 SF	VD 195	15+07 TO 15+17 LT
217 SF	VD 195	15+24 TO 15+55 RT
204 SF	VD 195	15+39 TO 15+61 LT

DETECTABLE WARNING SURFACES FOR CURB RAMPS STD MD-655.40		
10 SF	MD 195	9+34 LT
10 SF	MD 195	9+34 RT
10 SF	MD 195	13+00 RT
14 SF	MD 195	14+24 RT
10 SF	MD 195	14+70 LT
10 SF	MD 195	14+70 RT
10 SF	MD 195	14+95 LT
10 SF	MD 195	15+40 RT
10 SF	MD 195	15+40 LT

TYPE A COMBINATION CURB & GUTTER ANY HEIGHT OR DEPTH		
24 LF	MD 195	9+23 TO 9+48 LT
54 LF	MD 195	9+23 TO 9+72 RT
30 LF	MD 195	10+88 TO 11+28 RT
106 LF	MD 195	13+12 TO 13+88 RT
23 LF	MD 195	14+19 TO 14+42 RT
23 LF	MD 195	14+59 TO 14+82 RT
77 LF	MD 195	14+59 TO 15+17 LT
40 LF	MD 195	15+43 TO 15+72 LT
21 LF	MD 195	15+83 TO 15+84 RT

BRICK SIDEWALK		
45 SF	MD 195	8+85 TO 9+45 RT
93 SF	MD 195	9+24 TO 9+44 LT
31 SF	MD 195	9+22 TO 9+77 RT
40 SF	MD 195	9+41 TO 9+46 RT
8 SF	MD 195	9+73 TO 9+77 RT
10 SF	MD 195	10+88 TO 11+03 RT
10 SF	MD 195	13+43 TO 13+47 RT
45 SF	MD 195	13+40 TO 13+43 RT

8" PORTLAND CEMENT CONCRETE PAVEMENT FOR DRIVEWAY MIX 9		
26 SF	MD 195	9+45 TO 9+74 RT
24 SF	MD 195	11+43 TO 11+35 RT
15 SF	MD 195	13+14 TO 13+40 RT
12 SF	MD 195	13+57 TO 13+61 RT
23 SF	MD 195	13+57 TO 13+61 RT



TYPE A CURB ANY HEIGHT OR DEPTH		
5 LF	VD 195	9+48 TO 9+49 RT
27 LF	VD 195	14+73 TO 17+97 LT
58 LF	VD 195	14+75 TO 14+69 LT

REMOVAL OF EXISTING SIDEWALK		
1 CY	MD 195	14+20 TO 14+30 RT
2 CY	MD 195	14+90 TO 14+98 LT
1 CY	MD 195	15+40 TO 15+47 LT

ADJUST MANHOLE TO GRADE & REPLACE FRAME & COVER		
1 EA	MD 195	13+75 RT

By: Jeremy Bely

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ROADWAY LEGEND		R / W PLAT NUMBER	CROSS REFERENCE	REVISIONS
	FULL DEPTH RECONSTRUCTION			
	PROPOSED CONCRETE DRIVEWAY			
	FINE MILLING AND RESURFACING			
	PROPOSED CONCRETE SIDEWALK AND MEDIAN			
	BRICK SIDEWALK			
	DETECTABLE WARNING SURFACE			
	EXISTING SIDEWALK AND CURB REMOVAL			

SHEET NO.		REVISIONS
SHEET BOOK & SHEET LAYOUT	2	
NOTES & DIMENSIONS	3	
TYPICAL SHEETS	4	
PAVEMENT DETAIL SHEETS	5 - 6	
ROADWAY DETAIL SHEETS	7 - 8	
ROADWAY PLAN SHEETS	17 - 28	
PROFILE SHEETS	29 - 32	
TRAFFIC CONTROL SHEETS	34	
SIGNING & MARKING PLANS	35 - 40	
GRANITE SCHEDULE & TREE PROFILES	50	
EROSION & SEDIMENT CONTROL	51 - 57	

DISTRICT 3
ENGINEERING SYSTEMS TEAM

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MARYLAND DEPARTMENT
OF TRANSPORTATION

MD 195 FROM 'DC LINE TO 'VD 193
SAFETY AND RESURFACE

STATE HIGHWAY
ADMINISTRATION

ROADWAY PLAN

SCALE: 1" = 30', ADVERTISED DATE: DEC 2022, CONTRACT NO.: MD0315177

DESIGNED BY: JEB COUNTY: MONTGOMERY
DRAWN BY: AJC & YFR LOGVILLE
CHECKED BY: TLK HORIZONTAL SCALE: _____
MDE/PRD: S-PRL-0033 VERTICAL SCALE: _____

DRAWING NO. **PS-2** OF **12** SHEET NO. 18 OF 52

PLOTTED: 10/14/2022
FILE: D:\031517\031517.dwg, mdtak, SHALENSI\Document\District Office\District 3\Engineering Systems Team\Design Projects\MD031517 - MD 195(Carroll Ave.) - from DC Line to MD 193\Roadway Design\CD\031517_PSD_MD195.dwg

5" CONCRETE SIDEWALK		
153 SF	MD 195	22+18 TO 22+45 RT
150 SF	MD 195	22+73 TO 22+47 RT
332 SF	MD 195	24+07 TO 24+34 LT

TYPE A COMBINATION CURB & GUTTER ANY HEIGHT OR DEPTH		
63 LF	MD 195	21+94 TO 22+40 RT
60 LF	MD 195	22+71 TO 23+45 RT
14 LF	MD 195	23+27 TO 23+40 RT
34 LF	MD 195	24+05 TO 24+34 LT

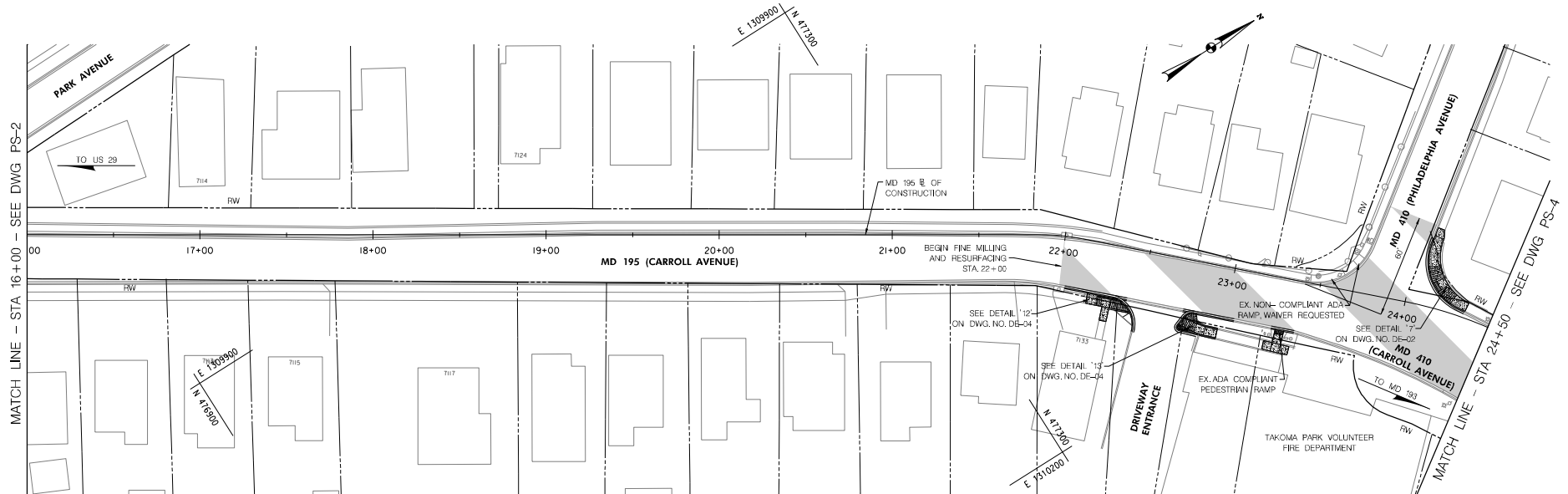
DETECTABLE WARNING SURFACES FOR CURB RAMPS STD MD-655.40		
22 SF	MD 195	24+14 RT

TYPE A CURB ANY HEIGHT OR DEPTH		
13 LF	MD 195	22+34 TO 22+48 RT

FINE MILLING ASPHALT PAVEMENT 1" TO 2.5" DEPTH		
1,070 SF	MD 195	22+00 TO 24+50

ADJUST WATER METER FRAME & COVER		
1 EA	MD 195	22+36 RT

ADJUST HANDHOLE TO GRADE & REPLACE FRAME & COVER		
1 EA	MD 195	24+30 LT



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MD 195 FROM 'DC LINE TO MD 193
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ROADWAY LEGEND		R / W PLAT NUMBER
	FULL DEPTH RECONSTRUCTION	
	FINE MILLING AND RESURFACING	
	BRICK SIDEWALK	
	EXISTING SIDEWALK AND PAVEMENT REMOVAL	
	PROPOSED CONCRETE DRIVEWAY	
	PROPOSED CONCRETE SIDEWALK AND MEDIAN	
	DETECTABLE WARNING SURFACE	

CROSS REFERENCE		REVISIONS
B/E/W	SHEET NO.	
SHEET BOOK & SHEET LAYOUT	2	
NOTES & APPENDICES	3	
TYPICAL SHEETS	4	
PAVEMENT DETAIL SHEETS	5 - 6	
ROADWAY DETAIL SHEETS	7 - 8	
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TRAFFIC CONTROL SHEETS	34	
SIGNING & MARKING PLANS	35 - 40	
DRAINAGE SCHEDULE & TREE PROFILES	50	
EROSION & SEDIMENT CONTROL	51 - 52	

ROADWAY PLAN			
SCALE: 1" = 30'	ADVERTISED DATE: DEC 2022	CONTRACT NO.:	MD0315177
DESIGNED BY: JEB	COUNTY: MONTGOMERY		
DRAWN BY: AJC & JFR	LOGVILLE		
CHECKED BY: TLK	HORIZONTAL SCALE:		
MDE/PRD: S-BL/03/03	VERTICAL SCALE:		
DRAWING NO.:	PS-3	OF 12	SHEET NO. 19 OF 52

By: Jeremy Belz

PL01789 - 10/14/2022
FILE: S:\031517\031517.dwg; mdc; hndbk; SHAEDWG\Document\Drawn Office\Drawn Engineering Systems Team\Design Projects\MD031517 - MD 195(Carroll Ave.) - from DC Line to MD 193\Roadway Design\KCI\031517_MDI95.dwg

DETECTABLE WARNING SURFACES FOR CURB RAMPS STD MD-855.40	
10 SF	MD 195 34+43 RT
15 SF	MD 195 34+60 RT
14 SF	MD 195 34+92 LT
10 SF	MD 195 35+23 LT
10 SF	MD 195 37+68 RT
13 SF	MD 195 38+20 RT
10 SF	MD 195 38+37 RT

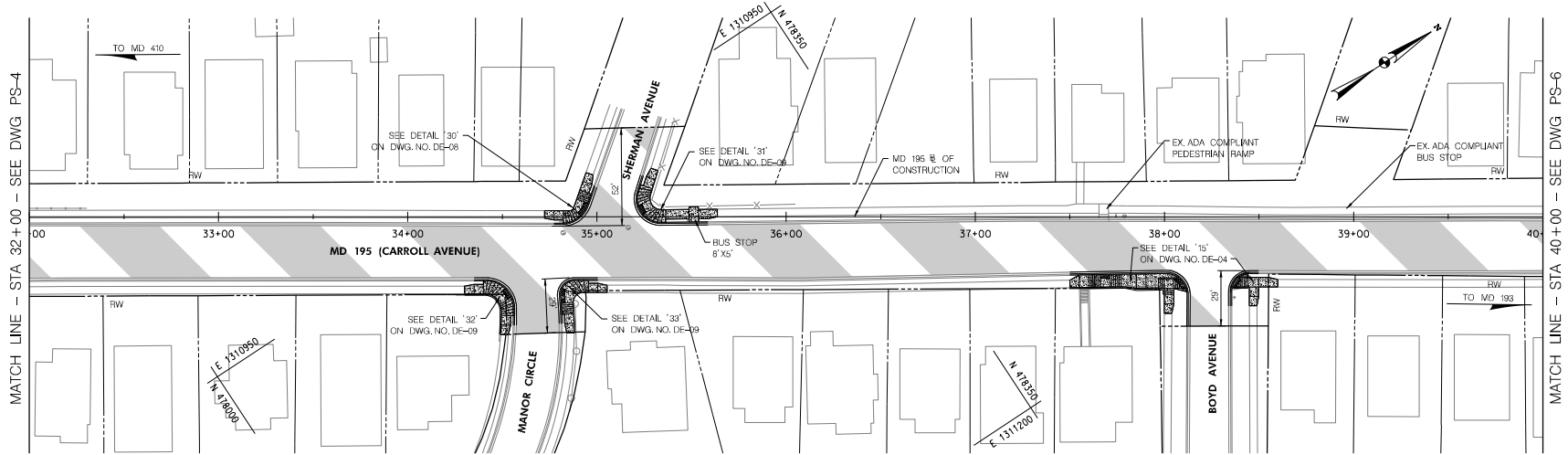
5" CONCRETE SIDEWALK	
249 SF	MD 195 34+29 TO 34+56 RT
210 SF	MD 195 34+70 TO 34+98 LT
254 SF	MD 195 34+80 TO 35+07 RT
353 SF	MD 195 35+20 TO 35+54 LT
486 SF	MD 195 37+50 TO 38+12 RT
835 SF	MD 195 38+46 TO 38+60 RT

TYPE A COMBINATION CURB & GUTTER ANY HEIGHT OR DEPTH	
41 LF	MD 195 34+34 TO 34+56 RT
35 LF	MD 195 34+75 TO 35+03 LT
42 LF	MD 195 34+79 TO 35+02 RT
60 LF	MD 195 35+20 TO 35+53 LT
88 LF	MD 195 37+50 TO 38+14 RT
80 LF	MD 195 38+44 TO 38+60 RT

TYPE A CURB ANY HEIGHT OR DEPTH	
37 LF	MD 195 34+35 TO 34+50 RT
45 LF	MD 195 37+60 TO 38+00 RT
12 LF	MD 195 37+97 TO 38+09 RT
9 LF	MD 195 38+36 TO 38+44 RT

FINE MILLING ASPHALT PAVEMENT 1" TO 2.5" DEPTH	
2,700 SF	MD 195 32+00 TO 40+00

ADJUST MANHOLE TO GRADE & REPLACE FRAME & COVER	
1 SA	MD 195 34+93 RT

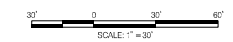


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MD 195 FROM DC LINE TO MD 193
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ROADWAY LEGEND	R / W PLAT NUMBER	CROSS REFERENCE	REVISIONS	ROADWAY PLAN																								
<ul style="list-style-type: none"> FULL DEPTH RECONSTRUCTION FINE MILLING AND RESURFACING BRICK SIDEWALK EXISTING SIDEWALK AND PRECIPITANT REMOVAL PROPOSED CONCRETE DRIVEWAY PROPOSED CONCRETE SIDEWALK AND MEDIAN DETECTABLE WARNING SURFACE 		<table border="1"> <thead> <tr> <th>TITLE</th> <th>SHEET NO.</th> </tr> </thead> <tbody> <tr><td>SHEET BOOK & SHEET LAYOUT</td><td>2</td></tr> <tr><td>NOTES & REVISIONS</td><td>3</td></tr> <tr><td>TYPICAL SHEETS</td><td>4</td></tr> <tr><td>PAVEMENT DETAIL SHEETS</td><td>5 - 6</td></tr> <tr><td>ROADWAY DETAIL SHEETS</td><td>7 - 16</td></tr> <tr><td>ROADWAY PLAN SHEETS</td><td>17 - 28</td></tr> <tr><td>PROFILE SHEETS</td><td>29 - 32</td></tr> <tr><td>TRAFFIC CONTROL SHEETS</td><td>34</td></tr> <tr><td>SIGNS & MARKING PLANS</td><td>35 - 40</td></tr> <tr><td>BRIDGE SCHEDULE & PRE-PROFILES</td><td>50</td></tr> <tr><td>EROSION & SEDIMENT CONTROL</td><td>51 - 52</td></tr> </tbody> </table>	TITLE	SHEET NO.	SHEET BOOK & SHEET LAYOUT	2	NOTES & REVISIONS	3	TYPICAL SHEETS	4	PAVEMENT DETAIL SHEETS	5 - 6	ROADWAY DETAIL SHEETS	7 - 16	ROADWAY PLAN SHEETS	17 - 28	PROFILE SHEETS	29 - 32	TRAFFIC CONTROL SHEETS	34	SIGNS & MARKING PLANS	35 - 40	BRIDGE SCHEDULE & PRE-PROFILES	50	EROSION & SEDIMENT CONTROL	51 - 52		<p>SCALE: 1" = 30', ADVERTISED DATE: DEC 2022, CONTRACT NO.: M0303477</p> <p>DESIGNED BY: JEB COUNTY: MONTGOMERY</p> <p>DRAWN BY: AJC & YER LOGVILLE</p> <p>CHECKED BY: TLK HORIZONTAL SCALE: _____</p> <p>MDE/PRD: S-2-2023 VERTICAL SCALE: _____</p> <p>DRAWING NO. PS-5 OF 12 SHEET NO. 2 OF 52</p>
TITLE	SHEET NO.																											
SHEET BOOK & SHEET LAYOUT	2																											
NOTES & REVISIONS	3																											
TYPICAL SHEETS	4																											
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BRIDGE SCHEDULE & PRE-PROFILES	50																											
EROSION & SEDIMENT CONTROL	51 - 52																											

By: Jeremy Belz

PL07180 10/14/2022
FILE: S:\03\030700\030700.dwg, h:\data\SHARED\03\Documents\District Office\District 3\Engineering Systems Team\Project\Finals\M0303477 - MD 195(Carroll Ave) - from DC Line to MD 193\Roadway Design\CAD\03\PS02_MD195.dwg

5" CONCRETE SIDEWALK		
18 SF	MD 195	42+95 TO 42+17 LT
82 SF	MD 195	42+08 TO 42+20 RT
219 SF	MD 195	41+60 TO 42+85 RT
285 SF	MD 195	42+67 TO 43+09 LT
194 SF	MD 195	43+06 TO 43+30 RT

DETECTABLE WARNING SURFACES FOR CURB RAMPS STD MD-855.40		
10 SF	MD 195	42+62 LT
31 SF	MD 195	42+85 RT
10 SF	MD 195	43+00 LT
13 SF	MD 195	43+13 RT

TYPE A COMBINATION CURB & GUTTER ANY HEIGHT OR DEPTH		
55 LF	MD 195	42+07 TO 43+13 LT
51 LF	MD 195	42+50 TO 42+85 RT
40 LF	MD 195	43+04 TO 43+29 RT

TYPE A CURB ANY HEIGHT OR DEPTH		
44 LF	MD 195	42+46 TO 42+79 RT
31 LF	MD 195	43+15 TO 43+43 RT

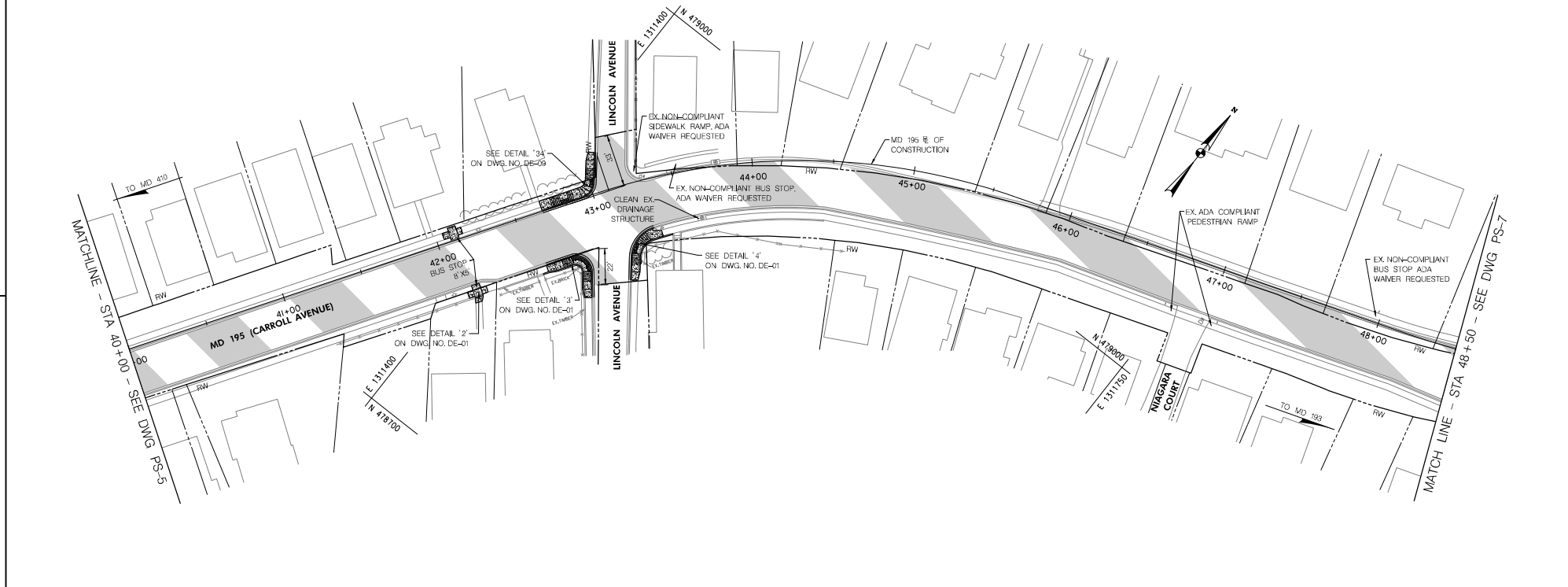
FINE MILLING ASPHALT PAVEMENT 1" TO 2.5" DEPTH		
2,700 SF	MD 195	45+00 TO 48+50

ADJUST MANHOLE TO GRADE & REPLACE FRAME & COVER		
1 EA	MD 195	43+26 RT

ADJUST HANDHOLE TO GRADE & REPLACE FRAME & COVER		
1 EA	MD 195	43+22 RT

CLEAN EXISTING DRAINAGE STRUCTURES *		
1 CA	MD 195	43+64 RT *SEE BELOW

* VACUUM CLEAN DRAINAGE STRUCTURES - NO FLUSHING WITH WATER.
COST INC. US\$4K TO PAY ITEM.



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ROADWAY LEGEND		R / W PLAT NUMBER	CROSS REFERENCE
	FULL DEPTH RECONSTRUCTION		
	PROPOSED CONCRETE DRIVEWAY		
	PROPOSED CONCRETE SIDEWALK AND MEDIAN		
	BRICK SIDEWALK		
	DETECTABLE WARNING SURFACE		
	EXISTING SIDEWALK AND PAVEMENT REMOVAL		

BIMB		SHEET NO.
SHEET BOOK & SHEET LAYOUT	2	
NOTES & AMENDMENTS	3	
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EROSION & SEDIMENT CONTROL	51 - 52	

REVISIONS	

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DISTRICT 3
 ENGINEERING SYSTEMS TEAM

MD 195 FROM DC LINE TO MD 193
 SAFETY AND RESURFACE

SCALE: 1" = 30', ADVERTISED DATE: DEC 2022, CONTRACT NO.: MCO305177

DESIGNED BY: JEB COUNTY: MONTGOMERY
 DRAWN BY: AJC & JFR LOGVILLE
 CHECKED BY: TLK HORIZONTAL SCALE: _____
 MDE/PRD: S-2620/3 VERTICAL SCALE: _____

DRAWING NO. **PS-6** OF **12** SHEET NO. 22 OF 52

PL01780 - 10/14/2022
 FILE: S:\04\0700\4103167800\mdot\hdbak\SHA\ENR01\Document\District 3\Engineering Systems Team\Design Projects\MCO315177 - MD 195(Carroll Ave.) - from DC Line to MD 193\Roadway Design\KCI\04\0700\MD195\PS

CLEAN EXISTING DRAINAGE STRUCTURES *			
1 EA	MD 195	49+79 LT	* SEE BELOW
1 EA	MD 195	49+72 RT	* SEE BELOW
1 EA	MD 195	52+54 LT	* SEE BELOW
1 EA	MD 195	52+54 RT	* SEE BELOW
1 EA	MD 195	54+89 LT	* SEE BELOW
1 EA	MD 195	54+89 RT	* SEE BELOW

* VACUUM CLEAN DRAINAGE STRUCTURES - NO FLUSHING WITH WATER. COST INCLUDING TO PAY ITEM.

5" CONCRETE SIDEWALK			
31.6 SF	MD 195	49+96 TO 49+42 RT	
31.5 SF	MD 195	49+44 TO 49+42 RT	
74.9 SF	MD 195	49+47 TO 49+56 RT	

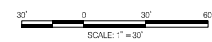
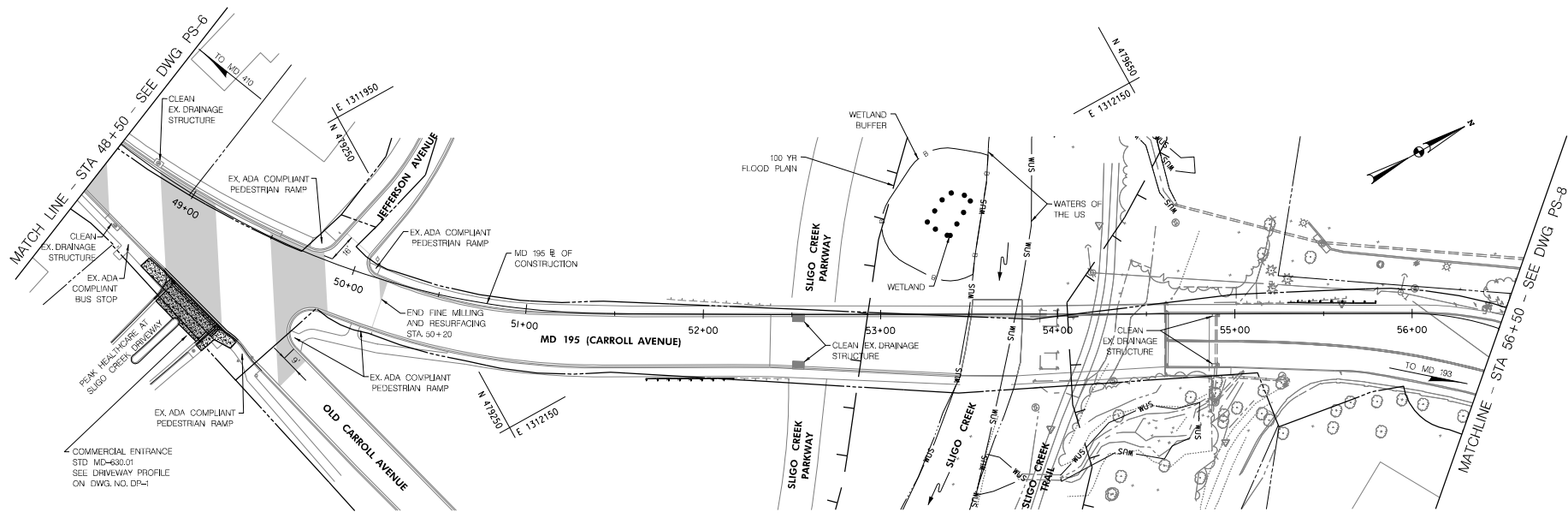
8" PORTLAND CEMENT CONCRETE PAVEMENT FOR DRIVEWAY MIX 9			
99.5 Y	MD 195	49+12 TO 49+48 RT	

TRAFFIC BARRIER W-BEAM ONE-SIDED PARALLEL END TREATMENT (TYPE C)			
1 EA	MD 195	52+00 RT	
1 EA	MD 195	55+30 RT	

FINE MILLING ASPHALT PAVEMENT 1" TO 2.5" DEPTH			
900.5 Y	MD 195	48+50 TO 56+20	

TYPE A CURB ANY HEIGHT OR DEPTH			
8 LF	MD 195	49+43 TO 49+43 RT	
8 LF	MD 195	49+39 TO 49+43 RT	

TYPE A COMBINATION CURB & GUTTER ANY HEIGHT OR DEPTH			
58 LF	MD 195	49+02 TO 49+56 RT	



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ROADWAY LEGEND		R / W PLAT NUMBER	CROSS REFERENCE
	FULL DEPTH RECONSTRUCTION		
	FINE MILLING AND RESURFACING		
	BRICK SIDEWALK		
	EXISTING SIDEWALK AND PRECAST CONCRETE		
	PROPOSED CONCRETE DRIVEWAY		
	PROPOSED CONCRETE SIDEWALK AND MEDIAN		
	DETECTABLE WARNING SURFACE		

BIMB		SHEET NO.
SHEET BOOK & SHEET LAYOUT	2	
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ROADWAY PLAN

SCALE: 1" = 30', ADVERTISED DATE: DEC 2022, CONTRACT NO.: MD0315177

DESIGNED BY: JEB COUNTY: MONTGOMERY

DRAWN BY: AJC & YER LOCALITY: _____

CHECKED BY: TLK HORIZONTAL SCALE: _____

MDE/PRD: S-BLOCK VERTICAL SCALE: _____

DRAWING NO.: **PS-7** OF **12** SHEET NO.: 23 OF 52

By: Jeremy, Betz

PLOTTED: 10/14/2022
FILE: S:\Highway\MD193\DCLine\MD193_SafetyAndResurfacing\Drawings\District Office\District 3\Engineering Systems Team\Design Projects\MD0315177 - MD 193(Carroll Ave) - from DC Line to MD 193\Roadway Design\KCI\DCLine_PSD_1019.dwg

CLEAN EXISTING DRAINAGE STRUCTURES *		
1 EA	MD 195	60-35 LT * SEE BELOW
1 EA	MD 195	60-37 RT * SEE BELOW
1 EA	MD 195	60-14 LT * SEE BELOW
1 EA	MD 195	60-40 LE * SEE BELOW
1 EA	MD 195	70-63 RT * SEE BELOW
1 EA	MD 195	70-71 LT * SEE BELOW
1 EA	MD 195	71-96 LT * SEE BELOW
1 EA	MD 195	71-83 RT * SEE BELOW

DETECTABLE WARNING SURFACES FOR CURB RAMPS STD MD-655.40		
8 SF	MD 195	66-05 RT
11 SF	MD 195	66-34 RT
10 SF	MD 195	68-85 LT
10 SF	MD 195	69-15 LT
10 SF	MD 195	70-24 RT

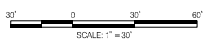
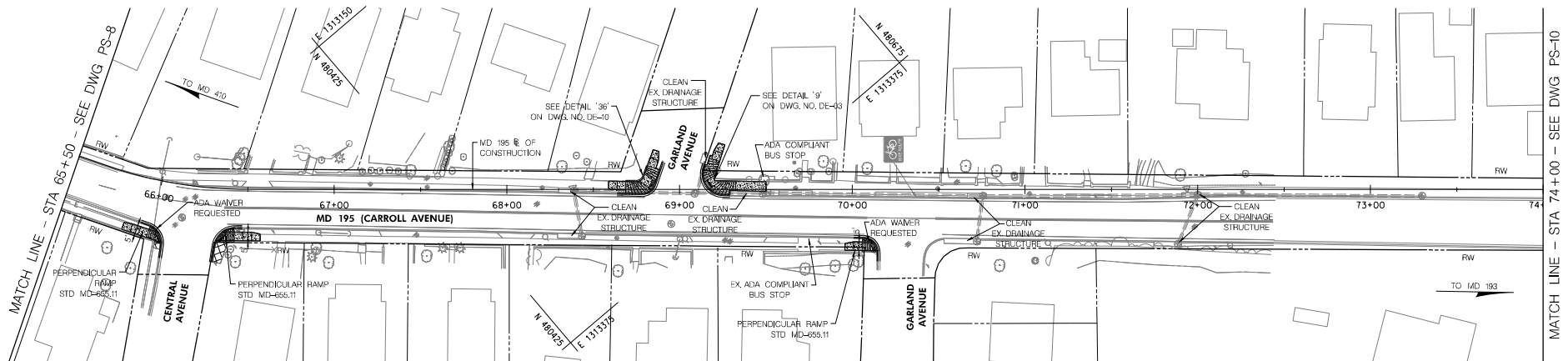
5" CONCRETE SIDEWALK		
315 SF	MD 195	65-05 TO 65-05 RT
322 SF	MD 195	66-34 TO 66-34 RT
352 SF	MD 195	68-85 TO 68-85 LT
347 SF	MD 195	69-13 TO 69-13 LT
94 SF	MD 195	69-96 TO 70-14 RT

TYPE A COMBINATION CURB & GUTTER ANY HEIGHT OR DEPTH		
28 LF	MD 195	65-04 TO 65-07 RT
33 LF	MD 195	66-31 TO 66-47 RT
40 LF	MD 195	68-84 TO 68-91 LT
33 LF	MD 195	69-11 TO 69-29 LT
26 LF	MD 195	70-00 TO 70-15 RT

TYPE A CURB ANY HEIGHT OR DEPTH		
11 EA	MD 195	65-24 TO 65-43 RT
18 EA	MD 195	68-49 TO 68-60 LT
9 FA	MD 195	70-05 TO 70-14 RT

REMOVAL OF EXISTING SIDEWALK		
1 CY	MD 195	66-03 TO 66-06 RT
3 CY	MD 195	66-30 TO 66-40 RT

* VACUUM CLEAN DRAINAGE STRUCTURES - NO FLUSHING WITH WATER.
COST INCLUSIVE TO PAY ITEM.



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ROADWAY LEGEND		R / W PLAT NUMBER	CROSS REFERENCE
	FULL DEPTH RECONSTRUCTION		
	PROPOSED CONCRETE DRIVEWAY		
	FINE MILLING AND RESURFACING		
	BRICK SIDEWALK		
	EXISTING SIDEWALK AND PROPOSED REMOVAL		
	PROPOSED CONCRETE SIDEWALK AND MEDIAN		
	DETECTABLE WARNING SURFACE		

BIMB		SHEET NO.
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REVISIONS	

DISTRICT 3
 ENGINEERING SYSTEMS TEAM

MDOT
 MARYLAND DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION

MD 195 FROM DC LINE TO MD 193
 SAFETY AND RESURFACE

ROADWAY PLAN

SCALE: 1" = 30', ADVERTISED DATE: DEC 2022, CONTRACT NO.: MCO305177

DESIGNED BY: JEB COUNTY: MONTGOMERY
 DRAWN BY: AJC & JFR LOGVILLE
 CHECKED BY: TLK HORIZONTAL SCALE: _____
 MDE/PRD: S-BLOCK VERTICAL SCALE: _____

DRAWING NO. **PS-9** OF **12** SHEET NO. 25 OF 52

By: Jeremy, Betz

PL07180 - 10/14/2022
 FILE: S:\external\work\4103167800\4103167800\4103167800\Documents\Drawings\Office\Drawings\Engineering Systems Team\Design Projects\MD0315177 - MD 195(Carroll Ave.) - from DC Line to MD 193\Roadway Design\KCI\04\PS02_MD195.dwg

CLEAN EXISTING DRAINAGE STRUCTURES *		
1 EA	MD 195	75-11 LT * SEE BELOW
1 EA	MD 195	75-06 RT * SEE BELOW
1 EA	MD 195	75-19 LT * SEE BELOW
1 EA	MD 195	78-19 LT * SEE BELOW
1 EA	MD 195	78-19 LT * SEE BELOW
1 EA	MD 195	79-11 LT * SEE BELOW
1 EA	MD 195	79-46 RT * SEE BELOW
1 EA	MD 195	80-18 LT * SEE BELOW
1 EA	MD 195	80-48 RT * SEE BELOW
1 EA	MD 195	81-12 LT * SEE BELOW
1 EA	MD 195	82-16 RT * SEE BELOW
1 EA	MD 195	82-24 LT * SEE BELOW
1 EA	MD 195	82-58 LT * SEE BELOW

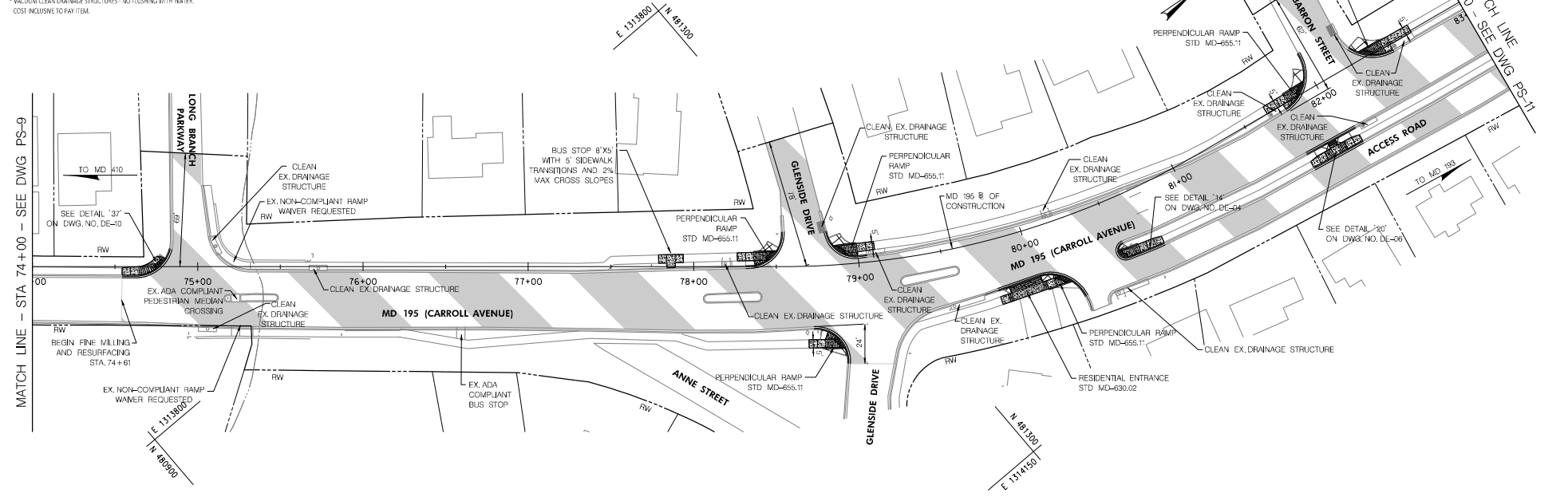
* VACUUM CLEAN DRAINAGE STRUCTURES - NO FLUSHING WITH WATER. COST INCLUSIVE TO PAY ITEM.

5" CONCRETE SIDEWALK		
130 SF	MD 195	74-54 TO 74-49 LT
90 SF	MD 195	77-29 TO 77-44 LT
118 SF	MD 195	78-26 TO 78-50 RT
120 SF	MD 195	78-69 TO 78-88 RT
120 SF	MD 195	78-62 TO 79-11 LT
33 SF	MD 195	79-78 TO 79-49 RT
64 SF	MD 195	80-45 TO 80-49 RT
131 SF	MD 195	80-50 TO 80-76 RT
150 SF	MD 195	81-45 TO 81-49 LT
182 SF	MD 195	81-41 TO 82-48 RT
181 SF	MD 195	82-31 TO 82-56 LT

TYPE A COMBINATION CURB & GUTTER ANY HEIGHT OR DEPTH		
38 LF	MD 195	74-54 TO 74-49 LT
36 LF	MD 195	78-29 TO 78-45 LT
35 LF	MD 195	78-72 TO 78-90 RT
34 LF	MD 195	78-80 TO 79-26 LT
62 LF	MD 195	79-74 TO 80-24 RT
42 LF	MD 195	80-49 TO 80-76 RT
67 LF	MD 195	81-74 TO 82-47 RT
40 LF	MD 195	81-76 TO 82-41 LT
30 LF	MD 195	82-27 TO 82-50 LT

DETECTABLE WARNING SURFACES FOR CURB RAMPS STD MD-655.40		
12 SF	MD 195	75-17 LT
12 SF	MD 195	78-48 LT
12 SF	MD 195	78-48 LT
13 SF	MD 195	78-45 RT
16 SF	MD 195	80-43 RT
12 SF	MD 195	80-49 RT
14 SF	MD 195	81-43 LT
10 SF	MD 195	81-45 RT
13 SF	MD 195	82-56 LT

8" PORTLAND CEMENT CONCRETE PAVEMENT FOR DRIVEWAY MIX 9		
21 SF	MD 195	79-80 TO 80-03 RT



REMOVAL OF EXISTING SIDEWALK		
1 CY	MD 195	74-76 TO 74-80 LT
1 CY	MD 195	78-30 TO 78-51 LT
1 CY	MD 195	78-36 TO 78-49 RT
1 CY	MD 195	78-45 TO 78-96 LT
1 CY	MD 195	79-80 TO 80-10 RT
1 CY	MD 195	80-50 TO 80-55 RT
1 CY	MD 195	81-79 TO 82-43 RT
1 CY	MD 195	81-45 TO 81-58 LT
1 CY	MD 195	82-28 TO 82-51 LT

TYPE A CURB ANY HEIGHT OR DEPTH		
14 LF	MD 195	78-36 TO 78-50 LT
12 LF	MD 195	78-76 TO 78-49 RT
14 LF	MD 195	78-36 TO 79-40 LT
15 LF	MD 195	80-46 TO 80-20 RT
13 LF	MD 195	80-50 TO 80-61 RT
15 LF	MD 195	81-80 TO 81-44 LT
11 LF	MD 195	82-31 TO 82-46 LT

FINE MILLING ASPHALT PAVEMENT 1" TO 2.5" DEPTH		
4,150 SF	MD 195	74-61 TO 83+00

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ROADWAY LEGEND		R / W PLAT NUMBER	CROSS REFERENCE	REVISIONS	
[Symbol]	FULL DEPTH RECONSTRUCTION	[Symbol]	PROPOSED CONCRETE DRIVEWAY	[Symbol]	PROPOSED CONCRETE SIDEWALK AND MEDIAN
[Symbol]	FINE MILLING AND RESURFACING	[Symbol]	PROPOSED CONCRETE SIDEWALK AND MEDIAN	[Symbol]	DETECTABLE WARNING SURFACE
[Symbol]	BRICK SIDEWALK	[Symbol]	DETECTABLE WARNING SURFACE	[Symbol]	EMBEDDED SIDEWALK AND SIDEWALK RECONSTRUCTION

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DRAINAGE SCHEDULE & P&S PROFILES	50		
EROSION & SEDIMENT CONTROL	51 - 52		

ROADWAY PLAN			
SCALE: 1" = 30'	ADVERTISED DATE: DEC 2022	CONTRACT NO.:	MD0315177
DESIGNED BY: JEB	COUNTY: MONTGOMERY		
DRAWN BY: AJC & YER	LOGVILLE		
CHECKED BY: TLK	HORIZONTAL SCALE:		
MDE/PRD: [Signature]	VERTICAL SCALE:		

M&T DISTRICT 3 ENGINEERING SYSTEMS TEAM

MARYLAND DEPARTMENT OF TRANSPORTATION MD 195 FROM DC LINE TO MD 193 SAFETY AND RESURFACING

STATE HIGHWAY ADMINISTRATION

DRAWING NO. **PS-10** OF 12 SHEET NO. 26 OF 52

By: Jeremy Belz

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 FILE: C:\inetpub\wwwroot\wwwfiles\kci\proj\MD195\037192\Drawings\Detailed\Office\Detail_3\Engineering Systems Team\Design Projects\MD0315177 - MD 195(Carroll Ave.) - from DC Line to MD 193\Roadway Design\CADD\DWG\PS10_MD195.dwg

5" CONCRETE SIDEWALK	
379 SF	MD 195 93-15 TO 93-41 RT
410 SF	MD 195 93-41 TO 93-60 LT
654 SF	MD 195 93-60 TO 94-26 LT
99 SF	MD 195 94-40 TO 94-51 RT
162 SF	MD 195 95-09 TO 95-50 RT
165 SF	MD 195 95-53 TO 96-15 RT
165 SF	MD 195 96-44 TO 96-77 RT
193 SF	MD 195 97-01 TO 97-23 LT
155 SF	MD 195 97-17 TO 97-88 RT
88 SF	MD 195 97-60 TO 97-81 LT
833 SF	MD 195 98-28 TO 98-93 RT

TYPE A COMBINATION CURB & GUTTER ANY HEIGHT OR DEPTH	
38 LF	MD 195 93-21 TO 93-60 RT
38 LF	MD 195 93-21 TO 93-60 LT
32 LF	MD 195 93-55 TO 93-62 LT
48 LF	MD 195 93-50 TO 94-03 LT
35 LF	MD 195 94-40 TO 94-53 RT
408 LF	MD 195 95-09 TO 95-50 RT
32 LF	MD 195 97-05 TO 97-26 LT
19 LF	MD 195 97-63 TO 97-89 LT

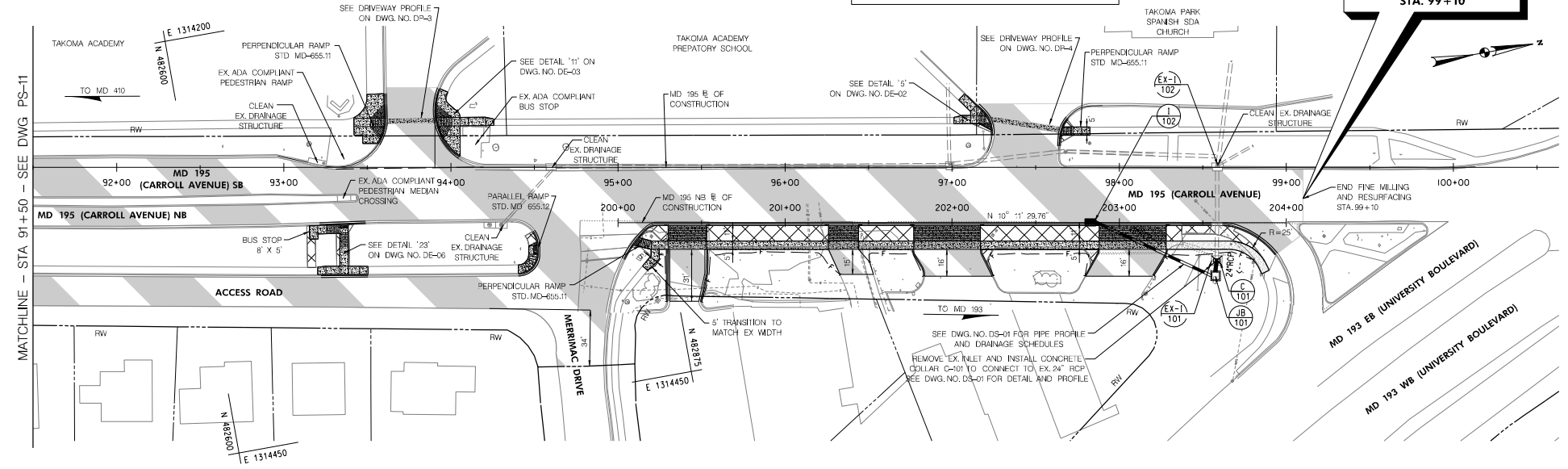
TYPE A CURB ANY HEIGHT OR DEPTH	
21 LF	MD 195 95-49 TO 95-51 RT
21 LF	MD 195 95-48 TO 95-48 RT
17 LF	MD 195 96-76 TO 96-83 RT
18 LF	MD 195 96-44 TO 96-83 RT
38 LF	MD 195 96-40 TO 96-83 RT
38 LF	MD 195 97-17 TO 97-84 RT
38 LF	MD 195 97-80 TO 97-88 RT
17 LF	MD 195 98-20 TO 98-88 RT

8" PORTLAND CEMENT CONCRETE PAVEMENT FOR DRIVEWAY MIX 9	
11 SF	MD 195 93-41 TO 93-41 LT
27 SF	MD 195 93-50 TO 95-51 RT
29 SF	MD 195 96-76 TO 96-83 RT
64 SF	MD 195 96-77 TO 97-17 RT
15 SF	MD 195 97-21 TO 97-83 LT
63 SF	MD 195 97-88 TO 97-88 RT

REMOVAL OF EXISTING SIDEWALK	
2 CY	MD 195 93-11 TO 93-20 RT
1 CY	MD 195 93-31 TO 93-40 RT
1 CY	MD 195 94-44 TO 94-51 RT
1 CY	MD 195 95-03 TO 95-14 RT
5 CY	MD 195 98-28 TO 98-88 RT

FINE MILLING ASPHALT PAVEMENT 1" TO 2.5" DEPTH	
4,300 SF	MD 195 91-50 TO 100-91

LIMIT OF WORK
CONTR. NO. MD0395177
MD RTE. 195
STA. 99+10



REMOVAL OF EXISTING PAVEMENT	
1 CY	MD 195 95-14 TO 95-30 RT
13 CY	MD 195 95-53 TO 96-26 RT
6 CY	MD 195 96-44 TO 96-77 RT
14 CY	MD 195 97-17 TO 97-88 RT
2 CY	MD 195 98-28 TO 98-87 RT

CLEAN EXISTING DRAINAGE STRUCTURES *	
1 EA	MD 195 93-21 LT *SEE BELOW
1 EA	MD 195 94-27 RT *SEE BELOW
1 EA	MD 195 94-60 LT *SEE BELOW
1 EA	MD 195 98-59 LT *SEE BELOW

DETECTABLE WARNING SURFACES FOR CURB RAMPS STD MD-655.40	
10 SF	MD 195 93-53 RT
10 SF	MD 195 94-51 RT
11 SF	MD 195 95-10 RT

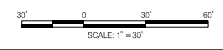
MIX NO. 2 CONCRETE FOR MISCELLANEOUS STRUCTURES	
1 CY	MD 195 98-58 RT SEE DWG. NO. DS-01 FOR DETAIL (FOR C-101 CONCRETE COLLAR)

ADJUST WATER METER FRAME & COVER	
1 EA	MD 195 93-93 LT

* VACUUM CLEAN DRAINAGE STRUCTURES - NO FLUSHING WITH WATER. COST INCLUSIVE TO PAY ITEM.

NOTE:
THE MD 195 NB BASELINE IS ONLY TO BE USED TO CONSTRUCT CURB & GUTTER, SIDEWALK, AND DRIVEWAY ENTRANCES ALONG THE OUTSIDE OF THE NB ROADWAY FROM MERRIMAC DRIVE TO MD 193.

ALIGNMENT	STATION	NORTH	EAST	BEARING
MD 195 NB	POT 200+00.00	482,847.5714	1,314,354.6030	N 10° 11' 29.76"
	POT 204+00.00	483,241.2600	1,314,425.3796	



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ROADWAY LEGEND		R / W PLAT NUMBER	CROSS REFERENCE	REVISIONS
	FULL DEPTH RECONSTRUCTION			
	FINE MILLING AND RESURFACING			
	BRICK SIDEWALK			
	EXISTING SIDEWALK AND DRIVEWAY REMOVAL			
	PROPOSED CONCRETE DRIVEWAY			
	PROPOSED CONCRETE SIDEWALK AND MEDIAN			
	DETECTABLE WARNING SURFACE			

TITLE	SHEET NO.
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DISTRICT 3
ENGINEERING SYSTEMS TEAM

MDOT
MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 195 FROM DC LINE TO MD 193
SAFETY AND RESURFACING

ROADWAY PLAN			
SCALE: 1" = 30'	ADVERTISED DATE: DEC 2022	CONTRACT NO. MD0395177	
DESIGNED BY: JEB	COUNTY: MONTGOMERY		
DRAWN BY: A.J.C. & M.F.R.	LOCALITY: LOGVILLE		
CHECKED BY: TLK	HORIZONTAL SCALE:		
MDE/PRD: S-2-2023	VERTICAL SCALE:		
DRAWING NO. PS-12	OF 12	SHEET NO. 28	OF 52

By: Jeremy Belz

PL017.DWG: 10/14/2022
FILE: S:\external\work\101422\101422.mxd; JobTitle: S:\external\work\101422\101422.dwg; Client: District 3; Engineering System: Team Design Projects; MD0395177 - MD 195 (Carroll Ave.) - from DC Line to MD 193 Roadway Design; CADD; 10/14/2022; JEB