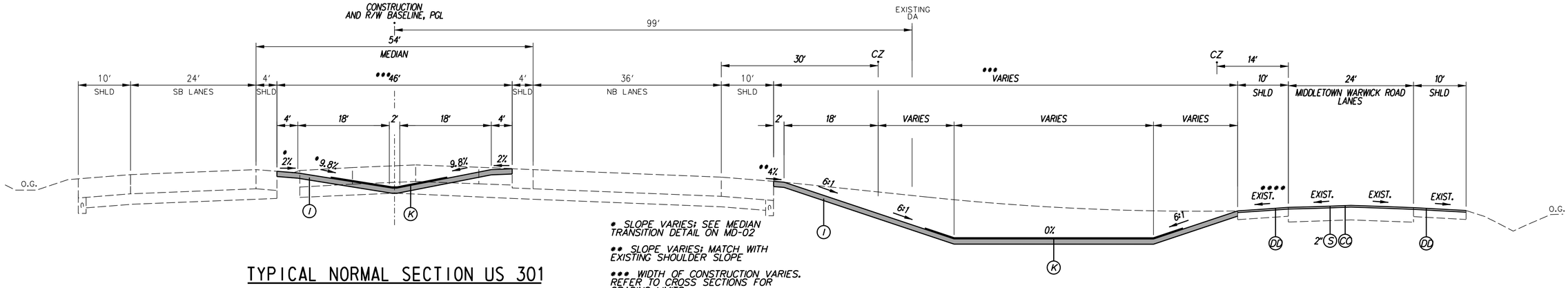


* SLOPE VARIES; SEE MEDIAN TRANSITION DETAIL ON MD-02

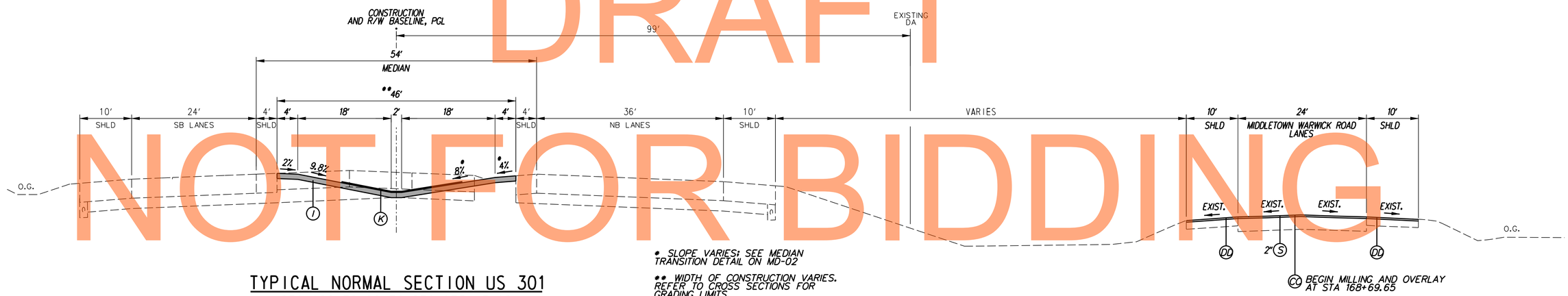
** SLOPE VARIES; MATCH WITH EXISTING SHOULDER SLOPE

*** WIDTH OF CONSTRUCTION VARIES. REFER TO CROSS SECTIONS FOR GRADING LIMITS

**** 4% FROM STA 174+11.27 TO STA 175+89.55

TYPICAL NORMAL SECTION US 301

STA 173+43.12 TO STA 177+89.16



* SLOPE VARIES; SEE MEDIAN TRANSITION DETAIL ON MD-02

** WIDTH OF CONSTRUCTION VARIES. REFER TO CROSS SECTIONS FOR GRADING LIMITS.

CC BEGIN MILLING AND OVERLAY AT STA 168+69.65

TYPICAL NORMAL SECTION US 301

STA 166+76.60 TO STA 173+43.12

DRAFT
NOT FOR BIDDING
AUGUST 2015

NOTES:

1. THE ALGEBRAIC DIFFERENCE BETWEEN THE TRAVEL LANE SLOPE AND SHOULDER SLOPE SHALL NOT EXCEED 8%.
2. SHOULDER CROSS SLOPE ON THE LOW SIDE SHALL BE THE SAME AS THE TRAVEL LANE CROSS SLOPE WHEN SUPERELEVATION IS 4% OR GREATER.
3. SEE GRADES AND GEOMETRICS SHEETS FOR SUPERELEVATION TRANSITIONS.
4. SEE ROADSIDE GRADING TREATMENT DETAILS FOR CHANGES IN TYPICAL ROADSIDE TREATMENT.
5. SEE TYPICAL MEDIAN SUPERELEVATION SECTIONS FOR GRADING DETAIL IN SUPERELEVATED TRANSITION AREAS.
6. SEE CROSS-SECTIONS FOR ALL VARYING CROSS-SLOPE RATES AND SIDE SLOPE RATES.

P.G.L. - PROFILE GRADE LINE.
P.G.A. - POINT OF GRADE APPLICATION.
P/R - POINT OF ROTATION.
PDGA - POINT OF DITCH GRADE APPLICATION.

LEGEND

- (A) ITEM *209001, BORROW TYPE A
- (B) ITEM *209006, BORROW TYPE F
- (C) ITEM *304502, SOIL CEMENT BASE COURSE
- (D) ITEM *304501, PERMEABLE TREATED BASE, 4"
- (E) ITEM *501006, PORTLAND CEMENT CONCRETE PAVEMENT
- (F) ITEM *715001, PERFORATED PIPE UNDERDRAIN
- (G) ITEM *705002, P.C.C. SIDEWALK, 6"
- (H) ITEM *701016, INTEGRAL PORTLAND CEMENT CONCRETE CURB AND GUTTER, TYPE 1-4
- (I) ITEM *733002, TOPSOILING, 6" DEPTH
  ITEM *734013, PERMANENT GRASS SEEDING, DRY GROUND
- (J) ITEM *302007, GRADED AGGREGATE BASE COURSE, TYPE B
- (K) ITEM *735535 SOIL RETENTION BLANKET MULCH, TYPE 5 UNLESS OTHERWISE NOTED IN DT-16
- (L) ITEM *401801, WMA SUPERPAVE, TYPE C, 160 GYRATIONS, PG 64-22 (CARBONATE STONE)
- (M) ITEM *401810, WMA SUPERPAVE, TYPE B, 160 GYRATIONS, PG 64-22
- (N) ITEM *401819, WMA SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22
- (O) ITEM *705001, P.C.C. SIDEWALK, 4"
- (P) ITEM *701010, PORTLAND CEMENT CONCRETE CURB, TYPE 1-8
- (Q) ITEM *701013, PORTLAND CEMENT CONCRETE CURB, TYPE 1-2 (SEE CONSTRUCTION DETAILS)
- (R) ITEM *401504, HOT MIX, HOT-LAID BITUMINOUS CONCRETE PAVEMENT TYPE C, 2" THICK
- (S) ITEM *401827, WMA SUPERPAVE, TYPE C, 160 GYRATIONS, PG 64-22 (NON-CARBONATED STONE)
- (T) ITEM *401833, WMA SUPERPAVE, TYPE C, 160 GYRATIONS, PG 76-22 (NON-CARBONATE STONE)
- (U) ITEM *401517, STONE MATRIX ASPHALT
- (V) ITEM *401663, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22
- (W) ITEM *401816, WMA SUPERPAVE, TYPE B, 160 GYRATIONS, PG 76-22
- (X) ITEM *743017, PORTABLE BARRIER
- (Y) ITEM *701022, INTEGRAL PORTLAND CEMENT CONCRETE CURB AND GUTTER, TYPE 3-8
- (Z) ITEM *701011, PORTLAND CEMENT CONCRETE CURB, TYPE 2
- (AA) ITEM *701021, INTEGRAL PORTLAND CEMENT CONCRETE CURB AND GUTTER, TYPE 2
- (BB) ITEM *760507, PROFILE MILLING, HOT MIX
- (CC) ITEM *760006, PAVEMENT MILLING, HOT MIX, 2" DEPTH
- (DD) ITEM *760016, RUMBLE STRIPS, HOT MIX
- (EE) ITEM *401813, WMA, SUPERPAVE, TYPE B, 160 GYRATIONS, PG 70-22

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	NOT TO SCALE	US 301 MARYLAND STATE LINE TO LEVELS ROAD	CONTRACT T200911303 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: ES / CHECKED BY: MFM
TYPICAL SECTIONS	MD-01	SHEET NO. 1113	TOTAL SHTS. 1256		

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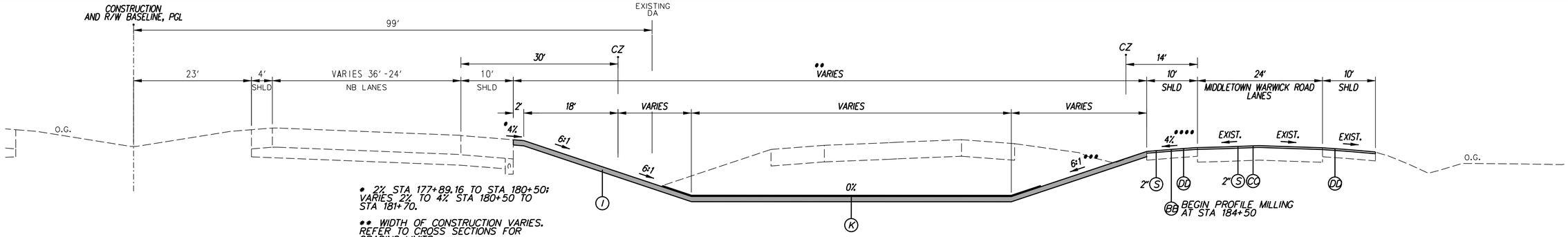


* 2% STA 177+89.16 TO STA 180+50; VARIES 2% TO 4% STA 180+50 TO STA 181+70.

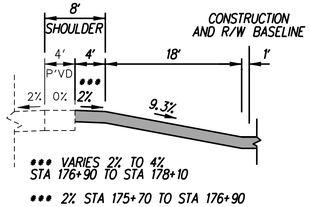
** WIDTH OF CONSTRUCTION VARIES. REFER TO CROSS SECTIONS FOR GRADING LIMITS.

*** SLOPE VARIES FROM STA 186+00 TO STA 186+25. REFER TO CROSS SECTIONS FOR GRADING DETAILS.

**** MATCH EXISTING SLOPE FROM STA 177+89.16 TO STA 184+50. 4% STA 184+50 TO 186+25.

TYPICAL NORMAL SECTION US 301

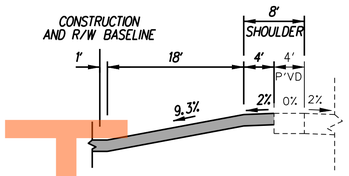
STA 177+89.16 TO STA 186+25.00



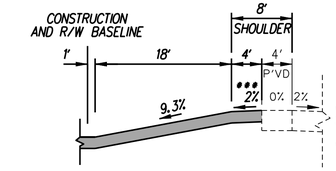
*** VARIES 2% TO 4% STA 176+90 TO STA 178+10

*** 2% STA 175+70 TO STA 176+90

STA 175+70



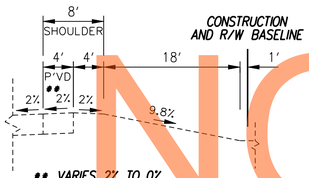
STA 172+30



*** VARIES 2% TO 4% STA 180+40 TO STA 181+60

*** 2% STA 179+20 TO STA 180+40

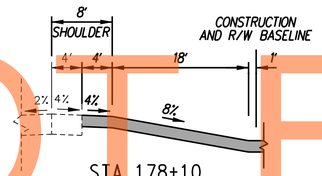
STA 179+20



** VARIES 2% TO 0% STA 174+50 TO STA 175+70

** 2% STA 165+00 TO STA 174+50

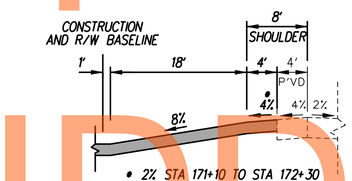
STA 165+00



STA 178+10

MEDIAN TRANSITION DETAIL (LEFT)

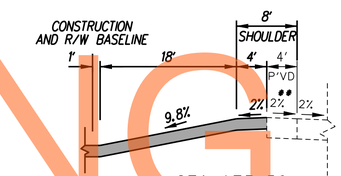
NOTE: TRANSITION DETAIL SHOWN BEYOND CONSTRUCTION LIMITS FOR INFORMATION ONLY.



* 2% STA 171+10 TO STA 172+30

* VARIES 4% TO 2% STA 169+90 TO STA 171+10

STA 169+90



** VARIES 2% TO 0% STA 178+00 TO STA 179+20

** 2% STA 173+50 TO STA 178+00

STA 173+50

MEDIAN TRANSITION DETAIL (RIGHT)

DRAFT
NOT FOR BIDDING
AUGUST 2015

NOTES:

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- (B) ITEM *209006, BORROW TYPE F
- (C) ITEM *304502, SOIL CEMENT BASE COURSE
- (D) ITEM *304501, PERMEABLE TREATED BASE, 4"
- (E) ITEM *501006, PORTLAND CEMENT CONCRETE PAVEMENT
- (F) ITEM *715001, PERFORATED PIPE UNDERDRAIN
- (G) ITEM *705002, P.C.C. SIDEWALK, 6"
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- (N) ITEM *401819, WMA SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22
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- (Q) ITEM *701013, PORTLAND CEMENT CONCRETE CURB, TYPE 1-2 (SEE CONSTRUCTION DETAILS)
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- (AA) ITEM *701021, INTEGRAL PORTLAND CEMENT CONCRETE CURB AND GUTTER, TYPE 2
- (BB) ITEM *760507, PROFILE MILLING, HOT MIX
- (CC) ITEM *760006, PAVEMENT MILLING, HOT MIX, 2" DEPTH
- (DD) ITEM *760016, RUMBLE STRIPS, HOT MIX
- (EE) ITEM *401813, WMA, SUPERPAVE, TYPE B, 160 GYRATIONS, PG 70-22

MD-02

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	NOT TO SCALE	US 301 MARYLAND STATE LINE TO LEVELS ROAD	CONTRACT T200911303	BRIDGE NO.	TYPICAL SECTIONS	SHEET NO. 1114
				COUNTY NEW CASTLE	DESIGNED BY: ES		TOTAL SHTS. 1256
					CHECKED BY: MFM		

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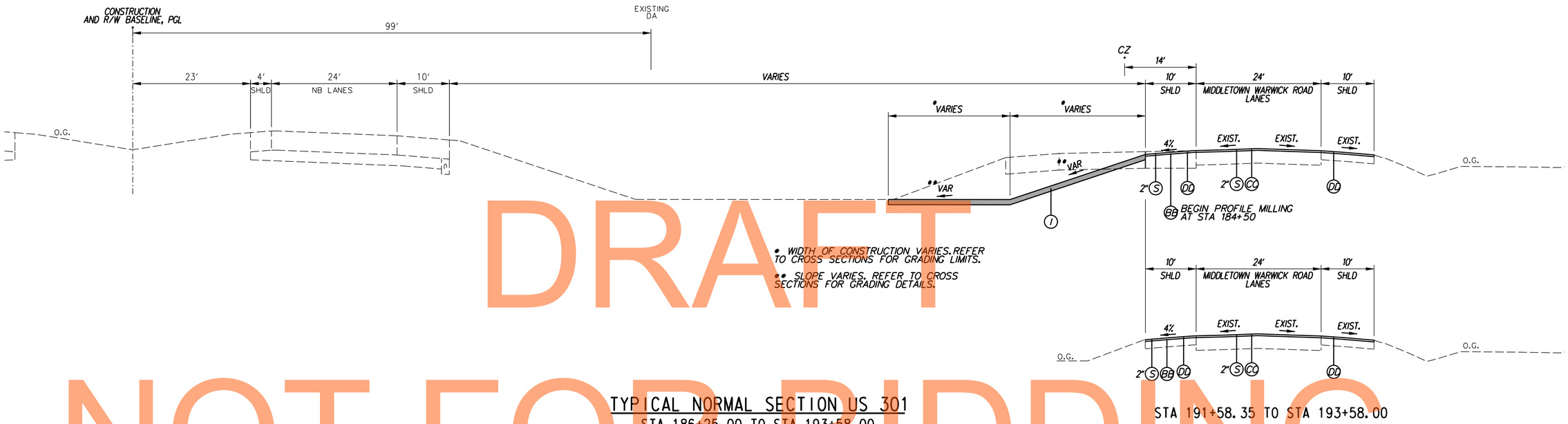

TYPICAL NORMAL SECTION US 301
STA 186+25.00 TO STA 193+58.00

STA 191+58.35 TO STA 193+58.00

DRAFT
NOT FOR BIDDING
AUGUST 2015

NOTES:

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3. SEE GRADES AND GEOMETRICS SHEETS FOR SUPERELEVATION TRANSITIONS.
4. SEE ROADSIDE GRADING TREATMENT DETAILS FOR CHANGES IN TYPICAL ROADSIDE TREATMENT.
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LEGEND

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- (B) ITEM *209006, BORROW TYPE F
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- (D) ITEM *304501, PERMEABLE TREATED BASE, 4"
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- (F) ITEM *715001, PERFORATED PIPE UNDERDRAIN
- (G) ITEM *705002, P.C.C. SIDEWALK, 6"
- (H) ITEM *701016, INTEGRAL PORTLAND CEMENT CONCRETE CURB AND GUTTER, TYPE 1-4
- (I) ITEM *733002, TOPSOILING, 6" DEPTH
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- (J) ITEM *302007, GRADED AGGREGATE BASE COURSE, TYPE B
- (K) ITEM *735535 SOIL RETENTION BLANKET MULCH, TYPE 5 UNLESS OTHERWISE NOTED IN DT-16
- (L) ITEM *401801, WMA SUPERPAVE, TYPE C, 160 GYRATIONS, PG 64-22 (CARBONATE STONE)
- (M) ITEM *401810, WMA SUPERPAVE, TYPE B, 160 GYRATIONS, PG 64-22
- (N) ITEM *401819, WMA SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22
- (O) ITEM *705001, P.C.C. SIDEWALK, 4"
- (P) ITEM *701010, PORTLAND CEMENT CONCRETE CURB, TYPE 1-8
- (Q) ITEM *701013, PORTLAND CEMENT CONCRETE CURB, TYPE 1-2 (SEE CONSTRUCTION DETAILS)
- (R) ITEM *401504, HOT MIX, HOT-LAID BITUMINOUS CONCRETE PAVEMENT TYPE C, 2" THICK
- (S) ITEM *401827, WMA SUPERPAVE, TYPE C, 160 GYRATIONS, PG 64-22 (NON-CARBONATED STONE)
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- (Z) ITEM *701011, PORTLAND CEMENT CONCRETE CURB, TYPE 2
- (AA) ITEM *701021, INTEGRAL PORTLAND CEMENT CONCRETE CURB AND GUTTER, TYPE 2
- (BB) ITEM *760507, PROFILE MILLING, HOT MIX
- (CC) ITEM *760006, PAVEMENT MILLING, HOT MIX, 2" DEPTH
- (DD) ITEM *760016, RUMBLE STRIPS, HOT MIX
- (EE) ITEM *401813, WMA, SUPERPAVE, TYPE B, 160 GYRATIONS, PG 70-22

MD-03

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

NOT TO SCALE

US 301
MARYLAND STATE LINE
TO LEVELS ROAD

CONTRACT	BRIDGE NO.	
T200911303	DESIGNED BY: ES	
COUNTY		
NEW CASTLE	CHECKED BY: MFM	

TYPICAL SECTIONS

SHEET NO.
1115
TOTAL SHTS.
1256

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CIRCULAR CURVE NO. 8

	STATION	NORTHING	EASTING
ELEMENT: CIRCULAR			
PCC (2212)	1116+24.6330	516909.3273	558197.3649
PI (2213)	1117+89.0158	517054.2886	558274.8759
CC (2214)		517852.3813	556433.6616
PCC (2215)	1119+52.6613	517209.9604	558327.6773

Radius: 2000.0000
Delta: 9° 23' 50.3499" Left
Degree of Curvature(Arc): 2° 51' 53.2403"
Length: 328.0283
Tangent: 164.3828
Chord: 327.6608
Middle Ordinate: 6.7214
External: 6.7441
Tangent Direction: N 28° 08' 00.4629" E
Radial Direction: S 61° 51' 59.5371" E
Chord Direction: N 23° 26' 05.2879" E
Radial Direction: S 71° 15' 49.8871" E
Tangent Direction: N 18° 44' 10.1129" E

CIRCULAR CURVE NO. 9

	STATION	NORTHING	EASTING
ELEMENT: CIRCULAR			
PCC (2215)	1119+52.6613	517209.9604	558327.6773
PI (2216)	1120+98.6886	517348.2494	558374.5828
CC (2217)		517370.5657	557854.1734
PT (2218)	1122+36.8129	517490.0462	558339.6880

Radius: 500.0000
Delta: 32° 33' 40.9246" Left
Degree of Curvature(Arc): 11° 27' 32.9612"
Length: 284.1515
Tangent: 146.0273
Chord: 280.3431
Middle Ordinate: 20.0501
External: 20.8877
Tangent Direction: N 18° 44' 10.1129" E
Radial Direction: S 71° 15' 49.8871" E
Chord Direction: N 2° 27' 19.6506" E
Radial Direction: N 76° 10' 29.1883" E
Tangent Direction: N 13° 49' 30.8117" W

CIRCULAR CURVE NO. 10

	STATION	NORTHING	EASTING
ELEMENT: CIRCULAR			
PC (2219)	1125+43.6244	517787.9691	558266.3720
PI (2220)	1127+15.0234	517954.4025	558225.4143
CC (2221)		517931.3457	558848.9895
PT (2222)	1128+77.5292	518117.3567	558278.5512

Radius: 600.0000
Delta: 31° 53' 08.0400" Right
Degree of Curvature(Arc): 9° 32' 57.4677"
Length: 333.9049
Tangent: 171.3990
Chord: 329.6127
Middle Ordinate: 23.0781
External: 24.0013
Tangent Direction: N 13° 49' 30.8117" W
Radial Direction: N 76° 10' 29.1883" E
Chord Direction: N 2° 07' 03.2084" E
Radial Direction: S 71° 56' 22.7716" E
Tangent Direction: N 18° 03' 37.2284" E

CIRCULAR CURVE NO. 18

	STATION	NORTHING	EASTING
ELEMENT: CIRCULAR			
PC (2404)	511+31.4544	516992.0847	558004.4632
PI (2005)	512+00.7764	517053.9643	558035.7112
CC (2406)		517435.6396	557126.1039
PT (2407)	512+69.8696	517119.6138	558057.9750

Radius: 984.0000
Delta: 8° 03' 34.4096" Left
Degree of Curvature(Arc): 5° 49' 21.8706"
Length: 138.4152
Tangent: 69.3219
Chord: 138.3011
Middle Ordinate: 2.4328
External: 2.4388
Tangent Direction: N 26° 47' 34.4906" E
Radial Direction: S 63° 12' 25.5094" E
Chord Direction: N 22° 45' 47.2858" E
Radial Direction: S 71° 15' 59.9190" E
Tangent Direction: N 18° 44' 00.0810" E

EXISTING ALIGNMENT CONTROL

POINT	STATION	OFFSET	NORTHING	EASTING
200137	21+22.9052	0.0000	519103.8096	558032.6596
503	28+94.9135	150.1308	519465.9576	558714.4555

HORIZONTAL / VERTICAL CONTROL DATA

POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
TP 211	164+34.5054	112.1868	517964.1654	558198.0895	75.57
TP 212	176+91.9203	229.6820	519143.0279	558651.0581	72.92

DATUM REFERENCES:

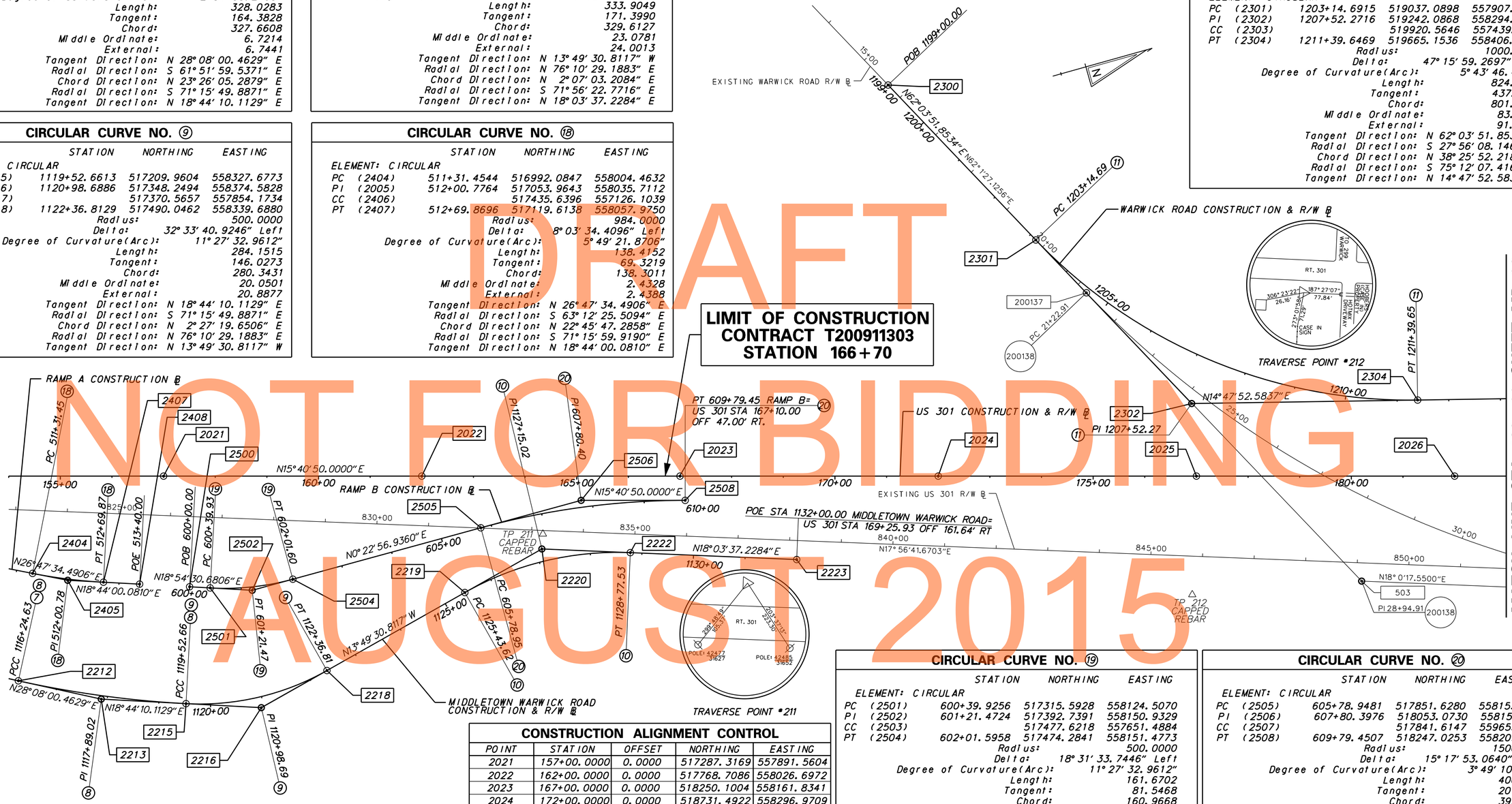
HORIZONTAL - PROJECT IS BASED ON THE DELAWARE STATE PLANE COORDINATE SYSTEM (NAD 83).

VERTICAL - PLAN ELEVATIONS ARE BASED ON N.G.S. SURVEY DATUM (NAVD 88).

CIRCULAR CURVE NO. 11

	STATION	NORTHING	EASTING
ELEMENT: CIRCULAR			
PC (2301)	1203+14.6915	519037.0898	557907.6949
PI (2302)	1207+52.2716	519242.0868	558294.2859
CC (2303)		519920.5646	557439.2161
PT (2304)	1211+39.6469	519665.1536	558406.0487

Radius: 1000.0000
Delta: 47° 15' 59.2697" Left
Degree of Curvature(Arc): 5° 43' 46.4806"
Length: 824.9554
Tangent: 437.5801
Chord: 801.7609
Middle Ordinate: 83.8696
External: 91.5477
Tangent Direction: N 62° 03' 51.8534" E
Radial Direction: S 27° 56' 08.1466" E
Chord Direction: N 38° 25' 52.2186" E
Radial Direction: S 75° 12' 07.4163" E
Tangent Direction: N 14° 47' 52.5837" E



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LIMIT OF CONSTRUCTION
CONTRACT T200911303
STATION 166+70

CIRCULAR CURVE NO. 19

	STATION	NORTHING	EASTING
ELEMENT: CIRCULAR			
PC (2501)	600+39.9256	517315.5928	558124.5070
PI (2502)	601+21.4724	517392.7391	558150.9329
CC (2503)		517477.6218	557651.4884
PT (2504)	602+01.5958	517474.2841	558151.4773

Radius: 500.0000
Delta: 18° 31' 33.7446" Left
Degree of Curvature(Arc): 11° 27' 32.9612"
Length: 161.6702
Tangent: 81.5468
Chord: 160.9668
Middle Ordinate: 6.5201
External: 6.6062
Tangent Direction: N 18° 54' 30.6806" E
Radial Direction: S 71° 05' 29.3194" E
Chord Direction: N 9° 38' 43.8083" E
Radial Direction: S 89° 37' 03.0640" E
Tangent Direction: N 0° 22' 56.9360" E

CIRCULAR CURVE NO. 20

	STATION	NORTHING	EASTING
ELEMENT: CIRCULAR			
PC (2505)	605+78.9481	517851.6280	558153.9963
PI (2506)	607+80.3976	518053.0730	558155.3411
CC (2507)		517841.6147	559653.9629
PT (2508)	609+79.4507	518247.0253	558209.7876

Radius: 1500.0000
Delta: 15° 17' 53.0640" Right
Degree of Curvature(Arc): 3° 49' 10.9871"
Length: 400.5026
Tangent: 201.4495
Chord: 399.3140
Middle Ordinate: 13.3470
External: 13.4669
Tangent Direction: N 0° 22' 56.9360" E
Radial Direction: S 89° 37' 03.0640" E
Chord Direction: N 8° 01' 53.4680" E
Radial Direction: S 74° 19' 10.0000" E
Tangent Direction: N 15° 40' 50.0000" E

CONSTRUCTION ALIGNMENT CONTROL

POINT	STATION	OFFSET	NORTHING	EASTING
2021	157+00.0000	0.0000	517287.3169	557891.5604
2022	162+00.0000	0.0000	517768.7086	558026.6972
2023	167+00.0000	0.0000	518250.1004	558161.8341
2024	172+00.0000	0.0000	518731.4922	558296.9709
2025	177+00.0000	0.0000	519212.8839	558432.1078
2026	182+00.0000	0.0000	519694.2757	558567.2447
2223	1132+00.0000	0.0000	518423.9396	558378.5231
2300	1199+00.0000	0.0000	518842.8156	557541.3255
2408	513+40.0000	0.0000	517186.0289	558080.4983
2500	600+00.0000	0.0000	517277.8217	558111.5688

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE
0 100 200 300
FEET

US 301
MARYLAND STATE LINE
TO LEVELS ROAD

CONTRACT	BRIDGE NO.
T200911303	DESIGNED BY: MFM
COUNTY	
NEW CASTLE	CHECKED BY: SKH

HORIZONTAL AND VERTICAL CONTROL

	MD-04
SHEET NO.	1116
TOTAL SHTS.	1256

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HORIZONTAL / VERTICAL CONTROL DATA

POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
TP 215	188+96.8499	270.9542	520291.9595	559016.4551	69.01
TP 216	202+30.0224	263.0342	521577.6566	559369.1514	65.54

CONSTRUCTION ALIGNMENT CONTROL

POINT	STATION	OFFSET	NORTHING	EASTING
2027	187+00.0000	0.0000	520175.6674	558702.3815
2028	192+00.0000	0.0000	520657.0592	558837.5184
2029	197+00.0000	0.0000	521138.4510	558972.6552
2030	202+00.0000	0.0000	521619.8427	559107.7921
2031	207+00.0000	0.0000	522101.2345	559242.9290
2322	1214+00.0000	0.0000	519916.8714	558472.5457
2323	1219+00.0000	0.0000	520400.2877	558600.2512
2324	1224+00.0000	0.0000	520883.7040	558727.9567
2325	1229+00.0000	0.0000	521367.1203	558855.6622
2326	1234+00.0000	0.0000	521850.5366	558983.3677
2327	1239+00.0000	0.0000	522333.9529	559111.0732

CIRCULAR CURVE NO. 200138

	STATION	NORTHING	EASTING
ELEMENT CIRCULAR			
PC (200137)	21+22.9052	519103.8096	558032.6596
PI (503)	28+94.9135	519465.9576	558714.4555
CC (200138)		520790.4945	557136.7470
PT (200139)	35+90.2166	520200.1608	558953.0816

Radius:	1909.8600
Delta:	44° 01'09.5756" Left
Degree of Curvature(Arc):	2° 59'59.9961"
Length:	1467.3114
Tangent:	772.0082
Chord:	1431.4896
Middle Ordinate:	139.1893
External:	150.1308
Tangent Direction:	N 62° 01'27.1256" E
Radial Direction:	S 27° 58'32.8744" E
Chord Direction:	N 40° 00'52.3378" E
Radial Direction:	S 71° 59'42.4500" E
Tangent Direction:	N 18° 00'17.5500" E

CIRCULAR CURVE NO. 200161

	STATION	NORTHING	EASTING
ELEMENT CIRCULAR			
PC (200160)	56+86.8132	522194.0875	559601.1352
PI (504)	63+56.5721	522831.0484	559808.1563
CC (200161)		521603.7539	561417.4691
PT (200162)	69+75.1465	523199.2021	560367.6559

Radius:	1909.8593
Delta:	38° 39'00.0000" Right
Degree of Curvature(Arc):	3° 00'00.0001"
Length:	1288.3333
Tangent:	669.7589
Chord:	1264.0449
Middle Ordinate:	107.6079
External:	114.0329
Tangent Direction:	N 18° 00'17.5500" E
Radial Direction:	S 71° 59'42.4500" E
Chord Direction:	N 37° 19'47.5500" E
Radial Direction:	S 33° 20'42.4500" E
Tangent Direction:	N 56° 39'17.5500" E

EXISTING ALIGNMENT CONTROL

POINT	STATION	OFFSET	NORTHING	EASTING
200084	856+81.8482	0.0000	520211.3401	558918.6851
200139	35+90.2166	0.0000	520200.1608	558953.0816
200160	56+86.8132	0.0000	522194.0875	559601.1352

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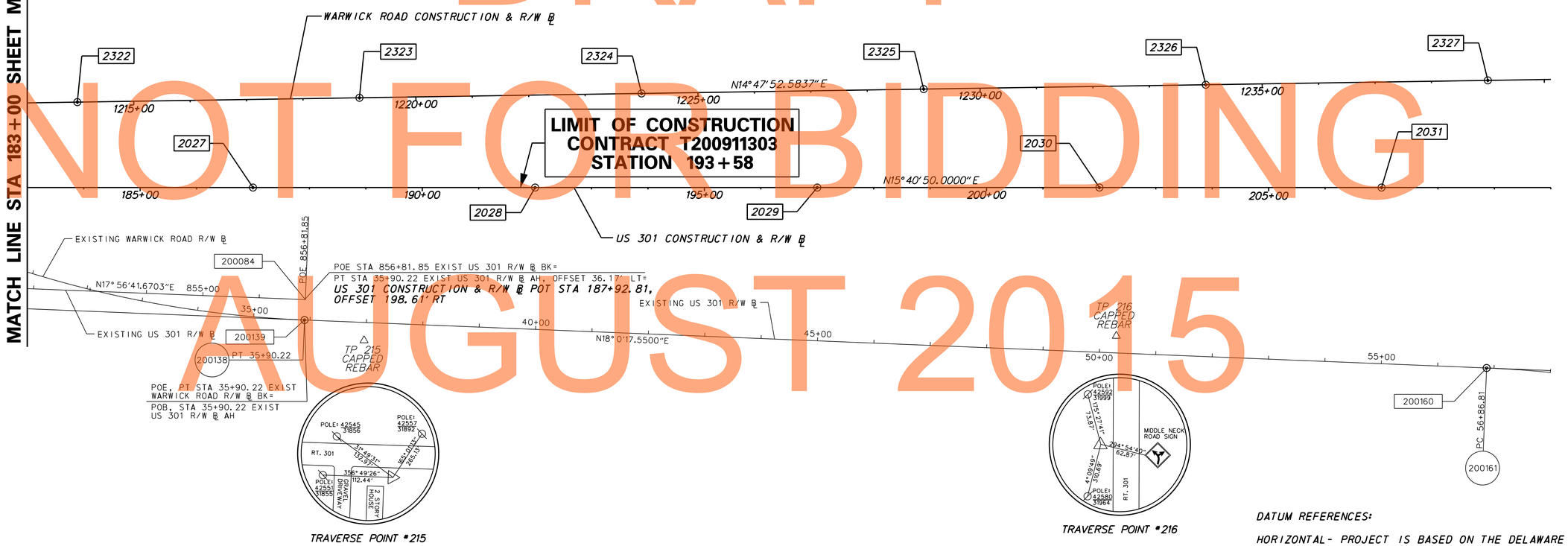
MATCH LINE STA 183+00 SHEET MD-01



TRAVERSE POINT #215

TRAVERSE POINT #216

DATUM REFERENCES:

HORIZONTAL - PROJECT IS BASED ON THE DELAWARE STATE PLANE COORDINATE SYSTEM (NAD 83).

VERTICAL - PLAN ELEVATIONS ARE BASED ON N.G.S. SURVEY DATUM (NAVD 88).

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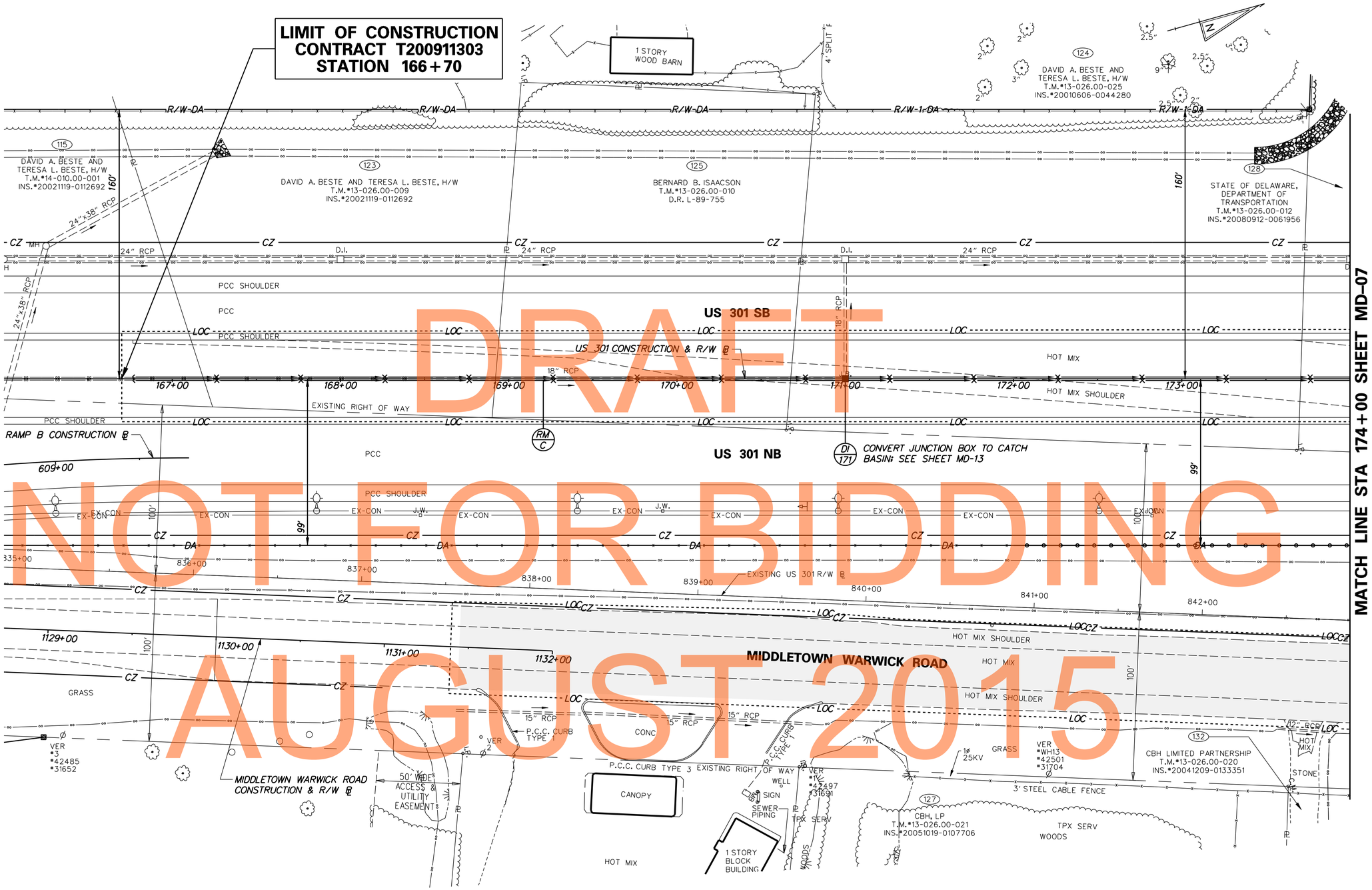
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 100 200 300 FEET	US 301 MARYLAND STATE LINE TO LEVELS ROAD	CONTRACT T200911303	BRIDGE NO.	HORIZONTAL AND VERTICAL CONTROL
				COUNTY NEW CASTLE	DESIGNED BY: MFM	
					CHECKED BY: SKH	

MD-05	
SHEET NO.	1117
TOTAL SHTS.	1256



DRAINAGE INLET SCHEDULE

NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.	INV. EL.
171	171+00.00	0.00	48" x 30"	1	78.25	74.67

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

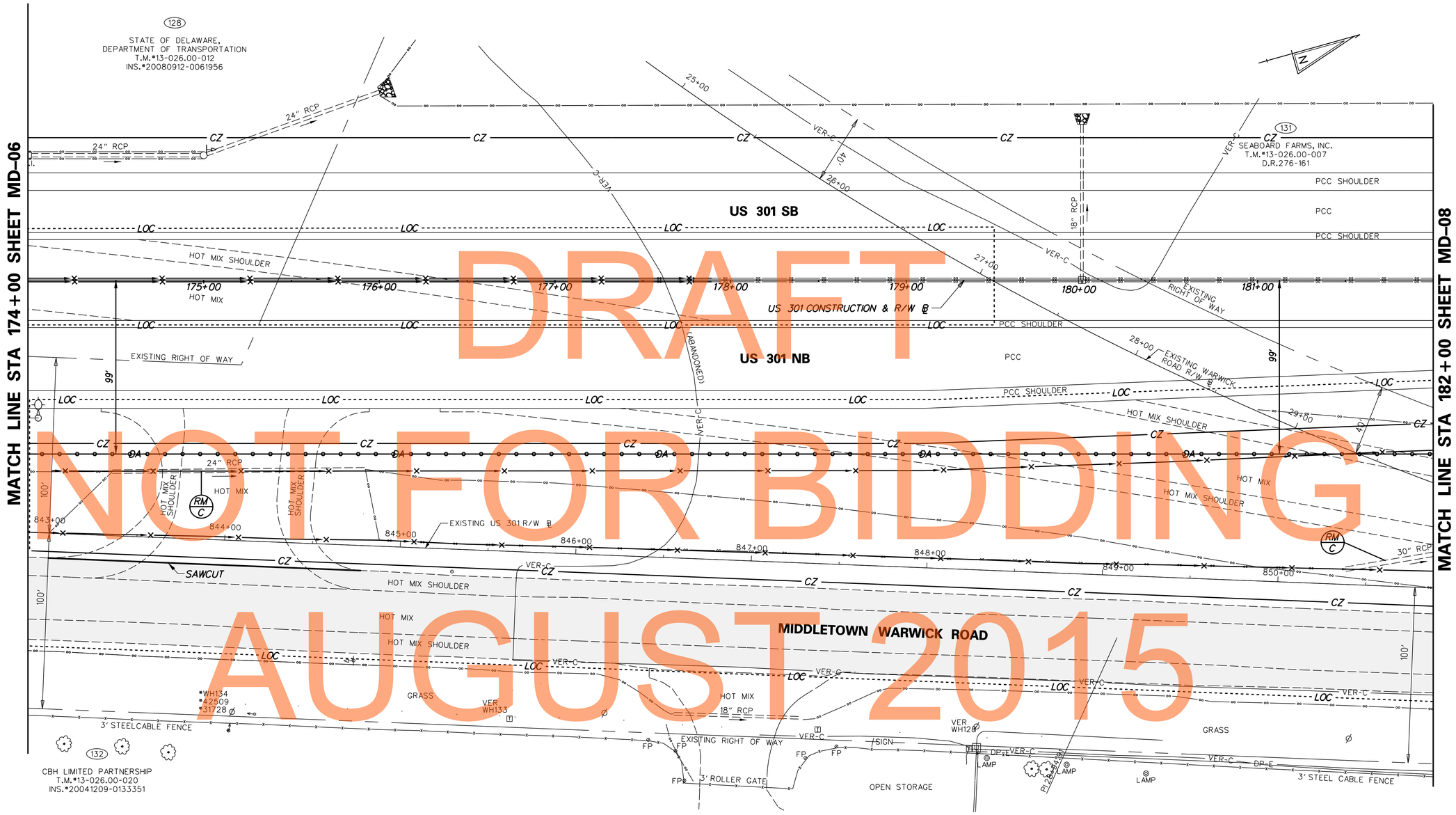
SCALE 0 30 60 90 FEET

US 301 MARYLAND STATE LINE TO LEVELS ROAD

CONTRACT	BRIDGE NO.
T200911303	DESIGNED BY: MFM
COUNTY	CHECKED BY: SKH
NEW CASTLE	

CONSTRUCTION PLAN

MD-06
SHEET NO.
1118
TOTAL SHTS.
1256



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

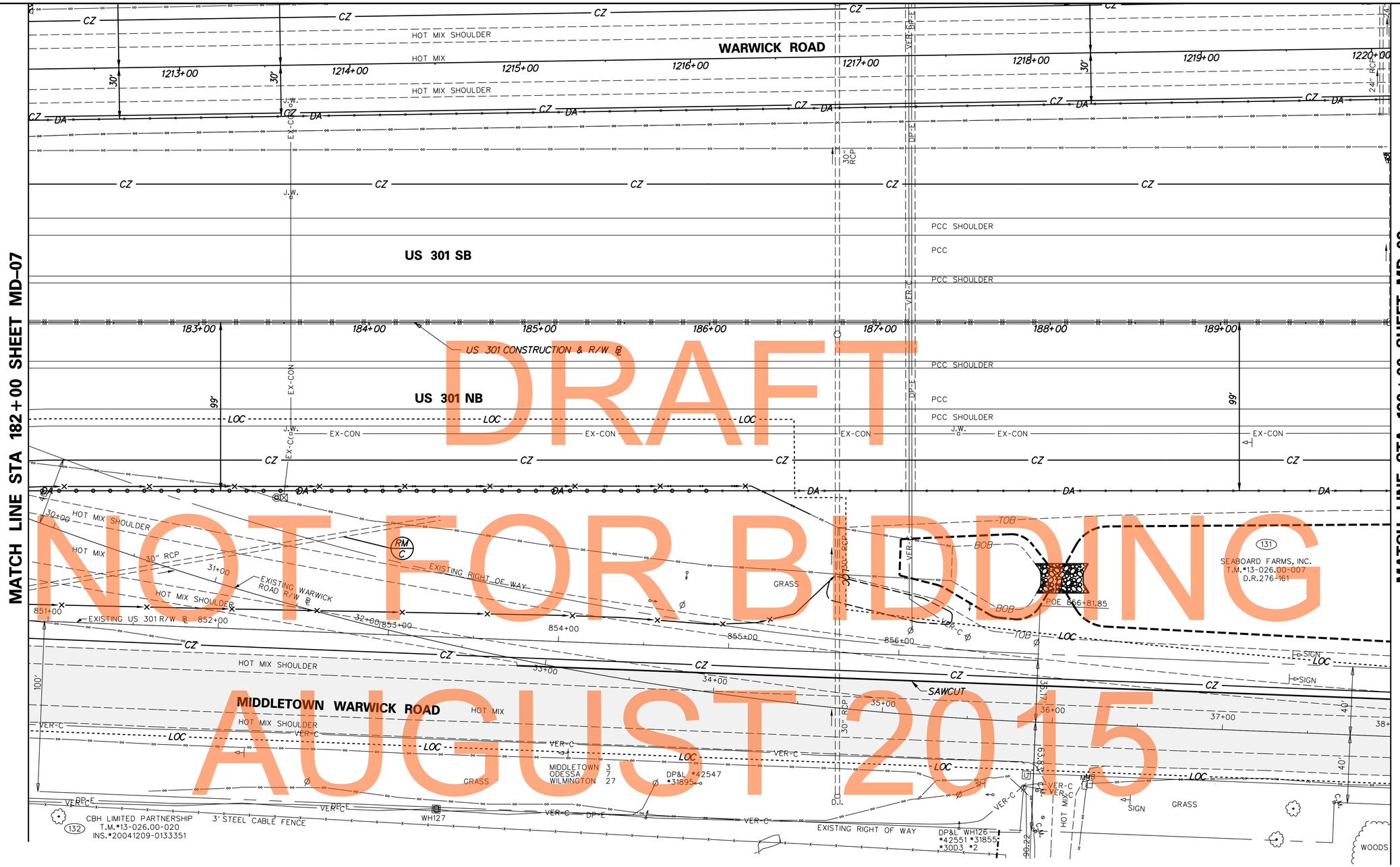
SCALE 0 30 60 90 FEET

US 301 MARYLAND STATE LINE TO LEVELS ROAD

CONTRACT	BRIDGE NO.
T200911303	DESIGNED BY: MFM
COUNTY	CHECKED BY: SKH
NEW CASTLE	

CONSTRUCTION PLAN

MD-07
SHEET NO.
1119
TOTAL SHTS.
1256



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

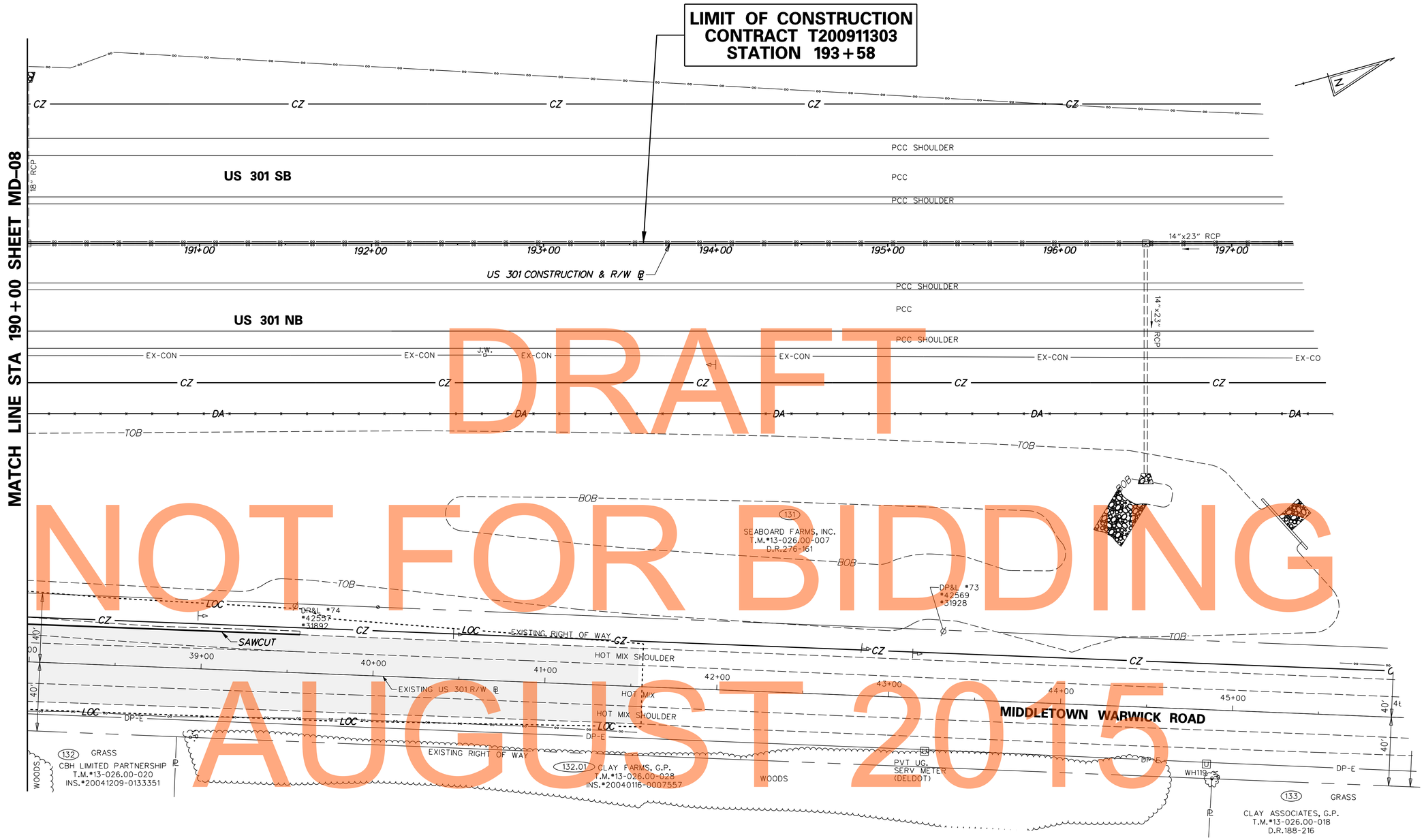
SCALE 0 30 60 90 FEET

US 301 MARYLAND STATE LINE TO LEVELS ROAD

CONTRACT	BRIDGE NO.
T200911303	DESIGNED BY: MFM
COUNTY	CHECKED BY: SKH
NEW CASTLE	

CONSTRUCTION PLAN

MD-08
SHEET NO.
1120
TOTAL SHTS.
1256



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS	

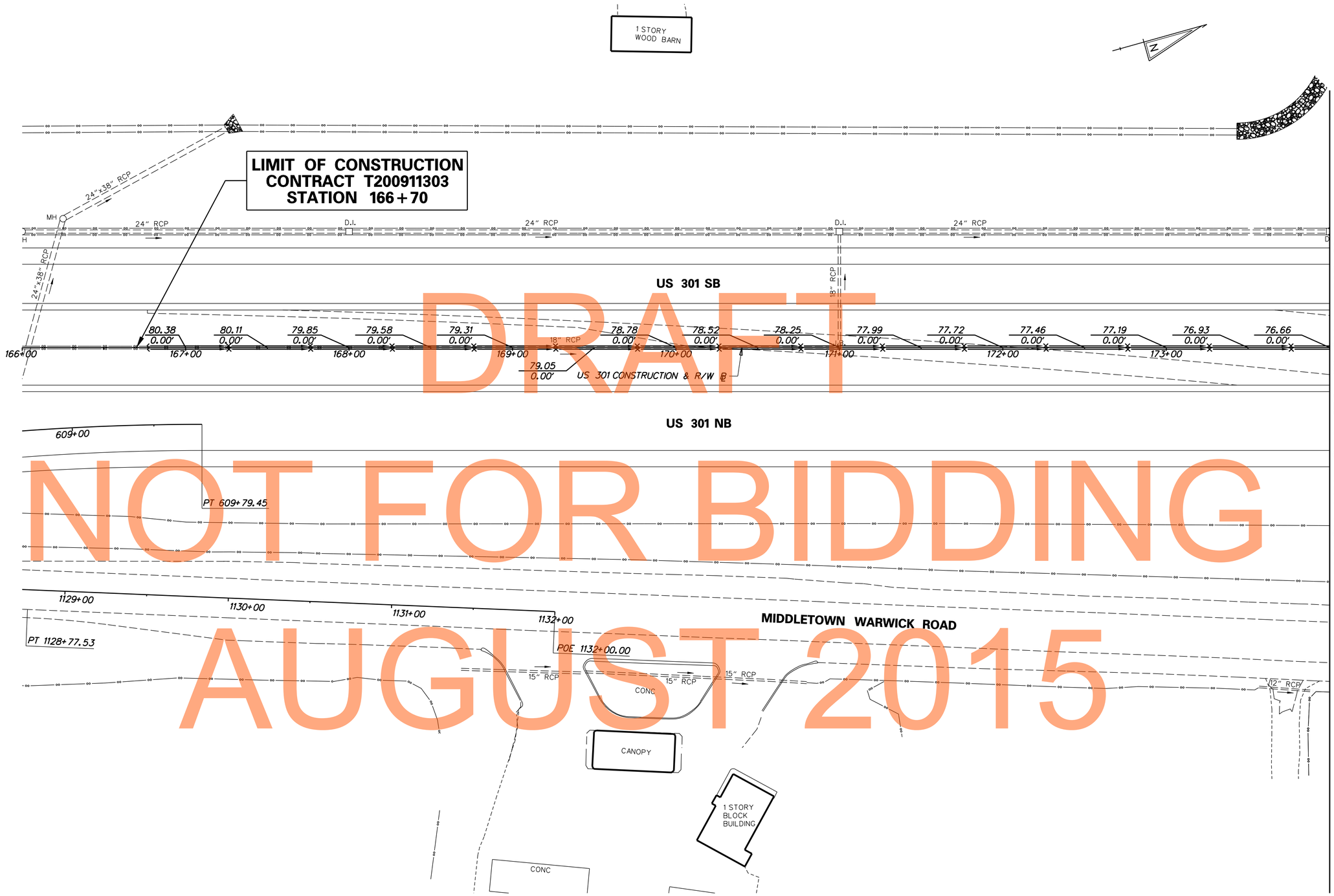
SCALE 0 30 60 90 FEET

US 301 MARYLAND STATE LINE TO LEVELS ROAD

CONTRACT	BRIDGE NO.	
T200911303	DESIGNED BY: MFM	
COUNTY		
NEW CASTLE	CHECKED BY: SKH	

CONSTRUCTION PLAN

MD-09
SHEET NO.
1121
TOTAL SHTS.
1256



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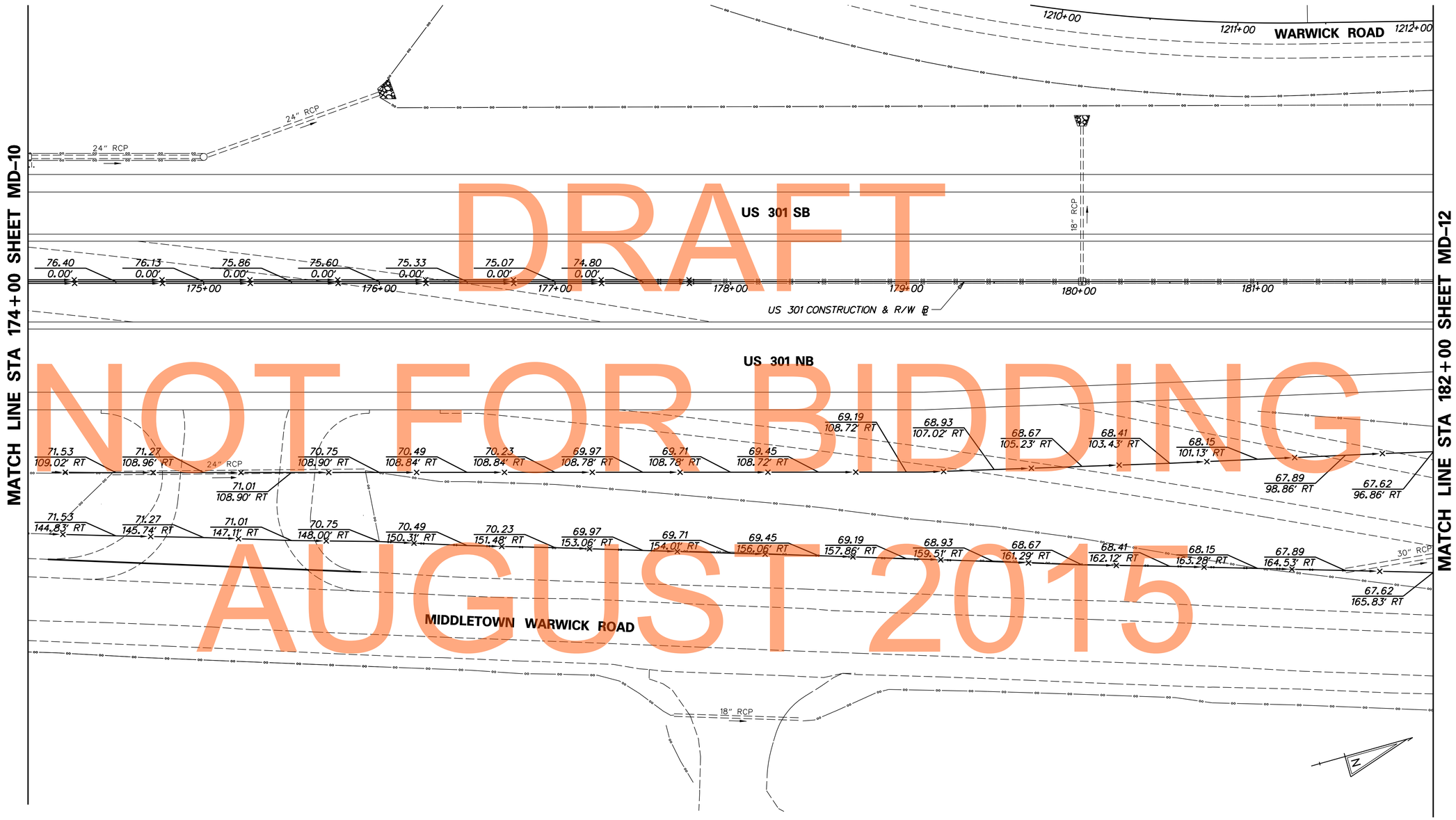
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 MARYLAND STATE LINE TO LEVELS ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	MD-10
				COUNTY NEW CASTLE	DESIGNED BY: MFM		SHEET NO. 1122
					CHECKED BY: SKH		TOTAL SHTS. 1256



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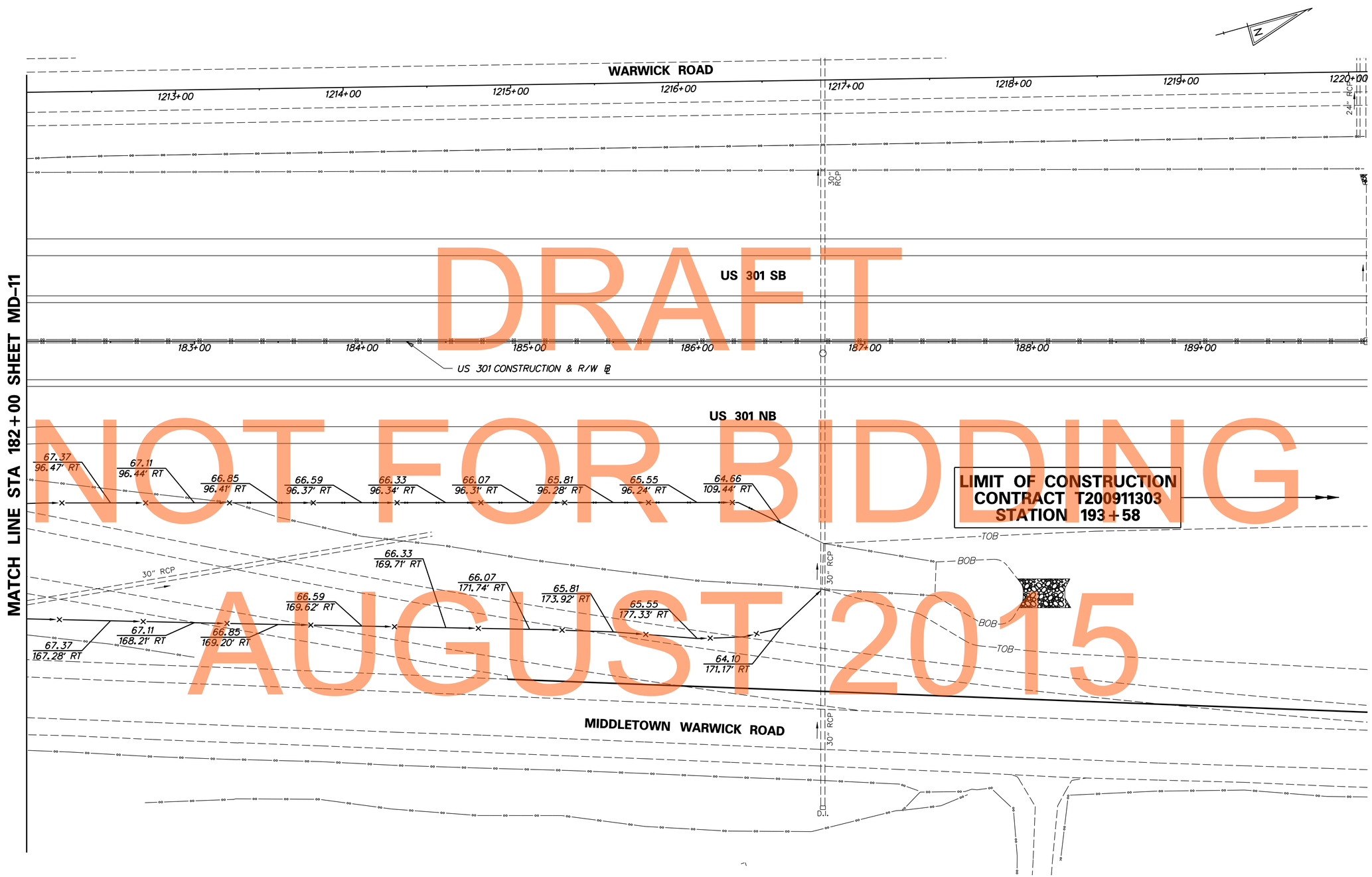
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 MARYLAND STATE LINE TO LEVELS ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	MD-11
				COUNTY NEW CASTLE	DESIGNED BY: MFM		SHEET NO. 1123
					CHECKED BY: SKH		TOTAL SHTS. 1256



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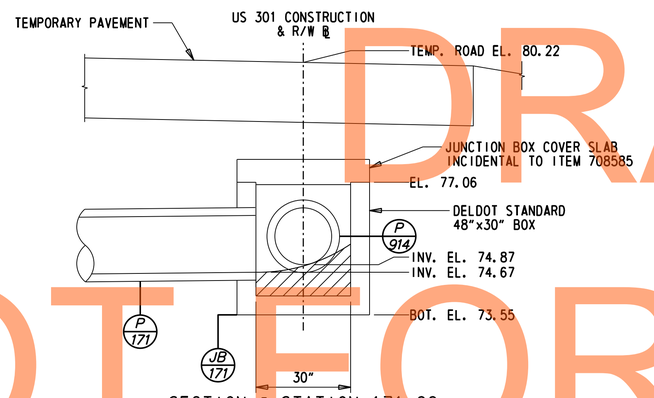
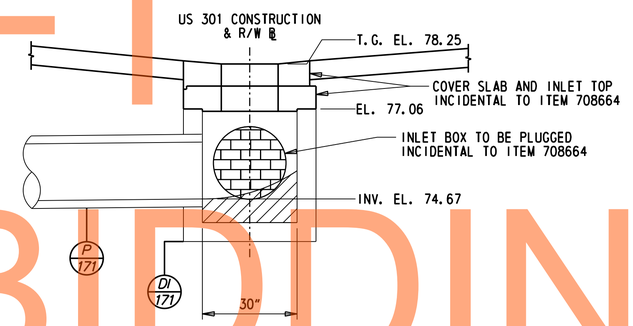
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 MARYLAND STATE LINE TO LEVELS ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	MD-12
				COUNTY NEW CASTLE	DESIGNED BY: MFM		SHEET NO. 1124
					CHECKED BY: SKH		TOTAL SHTS. 1256



SECTION @ STATION 171+00
FINAL CONDITION OF CONTRACT T200811301
(FOR INFORMATION ONLY)



SECTION @ STATION 171+00
FINAL CONDITION OF CONTRACT T200911303

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CONVERT JUNCTION BOX TO CATCH BASIN DI-171

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DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	NOT TO SCALE	US 301 MARYLAND STATE LINE TO LEVELS ROAD	CONTRACT T200911303	BRIDGE NO.	CONSTRUCTION DETAILS	MD-13
				COUNTY NEW CASTLE	DESIGNED BY: MFM		SHEET NO. 1125
					CHECKED BY: SKH		TOTAL SHTS. 1256

MOT NOTES

1. MAINTENANCE OF TRAFFIC DURING LANE CLOSURES AND LANE SHIFTS SHALL CONFORM TO TYPICAL APPLICATION TA-10 AND TA-33 OF THE DELAWARE MUTCD.

2. MAINTENANCE OF TRAFFIC DURING TEMPORARY BARRIER PLACEMENT AND REMOVAL SHALL CONFORM TO TYPICAL APPLICATION TA-10 AND TA-33 OF THE DELAWARE MUTCD.

3. MAINTENANCE OF TRAFFIC DURING LANE STRIPING AND ERADICATION OPERATIONS SHALL CONFORM TO TYPICAL APPLICATION TA-17B AND TA-35C OF THE DELAWARE MUTCD.

4. GRADING AND MAINTAINING BASE COURSE THAT IS BEING USED AS A TRAVELWAY, DRIVEWAY, ACCESS RAMP, ETC. SHALL BE INCIDENTAL TO ITEM 743000 - MAINTENANCE OF TRAFFIC. EXCESS BASE COURSE MATERIAL SHALL BE PUSHED AHEAD AND USED IN THE NEXT SEGMENT AND SHALL BE INCIDENTAL TO THE PARTICULAR BASE COURSE PAY ITEM. NO PAYMENT SHALL BE MADE FOR TEMPORARY ROADWAY MATERIAL (TRM) USED TO PROTECT EDGE DROP-OFFS, UNLESS THE MATERIAL IS EVENTUALLY UTILIZED AS PART OF A PERMANENT ROADWAY AT WHICH TIME THE MATERIAL WOULD BE PAID FOR UNDER THE RESPECTIVE CONTRACT MATERIAL ITEM. CONSTRUCTION OF A PLANNED RUNAROUND OR DETOUR WOULD BE ELIGIBLE FOR PAYMENT AS SPECIFIED IN THE CONTRACT.

5. THIS PROJECT IS CONSIDERED A SIGNIFICANT PROJECT AS DEFINED BY DELDOT'S WORK ZONE MOBILITY PROCEDURES AND GUIDELINES. A TYPE B TRANSPORTATION MANAGEMENT PLAN (TMP) HAS BEEN PREPARED AND IS AVAILABLE FOR VIEWING BY CONTACTING THE DEPARTMENT'S SAFETY PROGRAMS MANAGER AT (302)659-4060. ALL MONITORING REQUIREMENTS OF THE TMP SHALL BE CONDUCTED BY DELDOT FORCES UNLESS OTHERWISE DIRECTED BY THE ENGINEER. MODIFICATIONS TO THE TMP SHALL BE COMPLETED BY THE CONTRACTOR IF CHANGES TO THE TIME RESTRICTIONS OR THE TRAFFIC CONTROL PLAN ARE DESIRED. THE MODIFIED TMP SHALL BE PREPARED BY A PROFESSIONAL ENGINEER, REGISTERED IN THE STATE OF DELAWARE.

6. A TYPE II TRUCK MOUNTED ATTENUATOR (TMA) SHALL BE REQUIRED ON THIS PROJECT DURING THE FOLLOWING PAVEMENT OPERATIONS: TEMPORARY/PERMANENT PAVEMENT MARKINGS, ROADSIDE SPRAYING, PATCHING, MILLING, SWEEPING, TEMPORARY TRAFFIC BARRIER PLACEMENT OR AS DIRECTED BY THE ENGINEER. THE ROLL AHEAD DISTANCE SHALL BE AS PER THE MANUFACTURER'S RECOMMENDATIONS. THE TMA SHALL CONFORM TO THE REQUIREMENTS OF SECTION 6F OF THE DELAWARE MUTCD.

7. LONGITUDINAL EDGE DROP-OFFS SHALL BE CORRECTED IN ACCORDANCE WITH TABLE 6G-1 OF THE DELAWARE MUTCD.

   a) WHERE PLACEMENT OF A WEDGE/FILLET BETWEEN TRAVEL LANES AND A PAVEMENT BOX IS REQUIRED, APPROVED BASE COURSE MATERIAL SHALL BE USED FOR THE FILLET MATERIAL. THE BASE COURSE MATERIAL SHALL BE PLACED AT NO GREATER THAN THE SLOPE SPECIFIED IN TABLE 6G-1 AND SHALL BE COMPACTED. EXCESS BASE COURSE MATERIAL SHALL BE PUSHED AHEAD AND USED IN THE NEXT SEGMENT AND SHALL BE INCIDENTAL TO THE PARTICULAR BASE COURSE ITEM.

   b) WHERE PLACEMENT OF A WEDGE/FILLET AT THE EDGE OF THE ROADWAY IS REQUIRED, PAVEMENT MILLINGS SHALL BE USED FOR THE FILLET MATERIAL. PAYMENT FOR PAVEMENT MILLINGS SHALL BE INCIDENTAL TO ITEM 743000. NO SEPARATE PAYMENT SHALL BE MADE FOR PAVEMENT MILLINGS TO CORRECT PAVEMENT EDGE DROP-OFFS, UNLESS THE MATERIAL IS EVENTUALLY USED AS PART OF A PERMANENT ROADWAY, AT WHICH TIME THE MATERIAL WOULD BE PAID FOR UNDER THE RESPECTIVE CONTRACT BID ITEM.

8. PRIOR TO ANY CHANGES IN TRAFFIC PATTERNS, A CHANGEABLE MESSAGE SIGN SHALL BE PLACED ON THE APPROACH TO THE WORK AREA AS SHOWN ON THE PLANS. THE FOLLOWING CMS MESSAGES SHALL BE DISPLAYED AS NOTED BELOW.

CMS | NEW TRAFFIC PATTERN | ON XXXXXX

CONSTRUCTION PHASES
14 DAYS PRIOR TO TRAFFIC PATTERN MODIFICATION

CMS | CAUTION CAUTION CAUTION | NEW TRAFFIC PATTERN

CONSTRUCTION PHASES
10 DAYS AFTER TRAFFIC PATTERN MODIFICATION

9. OFF-PEAK WORK HOURS ARE BETWEEN 9 A.M. THROUGH 3 P.M. AND 7 P.M. THROUGH 6 A.M. MONDAY THROUGH THURSDAY. THE FOLLOWING ACTIVITIES SHALL BE PERFORMED DURING OFF-PEAK HOURS:

   TEMPORARY BARRIER PLACEMENT AND REMOVAL
   MILL AND OVERLAY OPERATIONS
   CULVERT INSTALLATIONS
   LANE CLOSURES
   TRAFFIC SIGNAL MODIFICATIONS
   LINE STRIPING
   TRAFFIC PATTERN SHIFTS

10. SHEETS MD-15 THROUGH MD-21 ARE SHOWN FOR REFERENCE ONLY. TEMPORARY TRAFFIC CONTROL SHOWN ON EXISTING CONDITIONS PLAN WILL BE INSTALLED UNDER CONTRACT T200811301 AND WILL BE IN PLACE PRIOR TO THE START OF CONTRACT T200911303.

11. PHASE 3A AND 3B WORK TO BE COMPLETED DURING OFF-PEAK HOURS.

PROPOSED SYMBOLS

CONSTRUCTION PHASING & M.O.T	
	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
CSF XXX	CONSTRUCTION SAFETY FENCE / LENGTH
CSF	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
END ROAD WORK	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
PHASE 1	PHASING TRAFFIC FLOW ARROW
	SOIL BORING
	SOIL BOUNDARY
MnB2	SOIL DESIGNATION
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE
	TYPE C ARROW BOARD
	PORTABLE IMPACT ATTENUATOR

EROSION & SEDIMENT CONTROL	
DWB	DEWATERING BASIN
ED	EARTH DIKE
	EROSION CONTROL BLANKET
	INLET SEDIMENT CONTROL
	PERIMETER DIKE/SWALE
PST	PORTABLE SEDIMENT TANK
SBD	SANDBAG DIKE
SB	SANDBAG DIVERSION
	STONE CHECK DAM
SCE	STABILIZED CONSTRUCTION ENTRANCE
SF	SILT FENCE / LENGTH
SF	SILT FENCE
RSF	SILT FENCE - REINFORCED
SP-1	SUMP PIT, TYPE 1
SP-2	SUMP PIT, TYPE 2
ST	SEDIMENT TRAP IDENTIFIER
ST	SEDIMENT TRAP
ST	SEDIMENT TRAP WITH INLET AS OUTLET
ST	SEDIMENT TRAP PIPE OUTLET
SW	STILLING WELL
	TEMPORARY SWALE
TSD	TEMPORARY SLOPE DRAIN
	TEMPORARY HAUL ROAD

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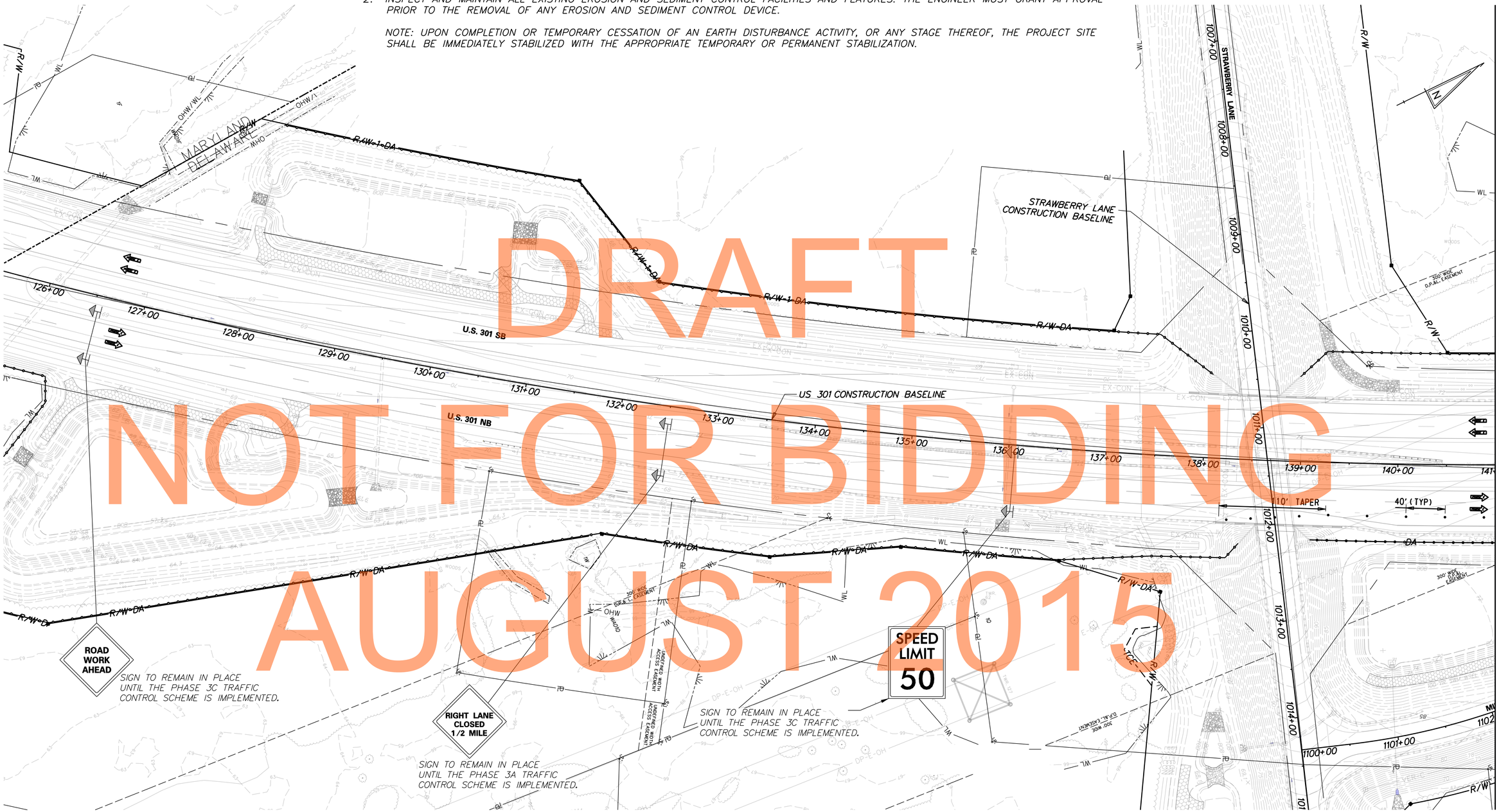
CONSTRUCTION PHASING LEGEND	
	WORK AREA THIS PHASE
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW

SEQUENCE OF CONSTRUCTION: EXISTING CONDITIONS PLAN

OBJECTIVE: FOR INFORMATION ONLY. DISPLAY EXISTING TEMPORARY TRAFFIC CONTROL SCHEME AND DEVICES IN PLACE UPON COMPLETION OF CONTRACT T200811301.

1. INSPECT AND MAINTAIN ALL TEMPORARY TRAFFIC CONTROL DEVICES AND STRIPING AS SHOWN.
2. INSPECT AND MAINTAIN ALL EXISTING EROSION AND SEDIMENT CONTROL FACILITIES AND FEATURES. THE ENGINEER MUST GRANT APPROVAL PRIOR TO THE REMOVAL OF ANY EROSION AND SEDIMENT CONTROL DEVICE.

NOTE: UPON COMPLETION OR TEMPORARY CESSATION OF AN EARTH DISTURBANCE ACTIVITY, OR ANY STAGE THEREOF, THE PROJECT SITE SHALL BE IMMEDIATELY STABILIZED WITH THE APPROPRIATE TEMPORARY OR PERMANENT STABILIZATION.



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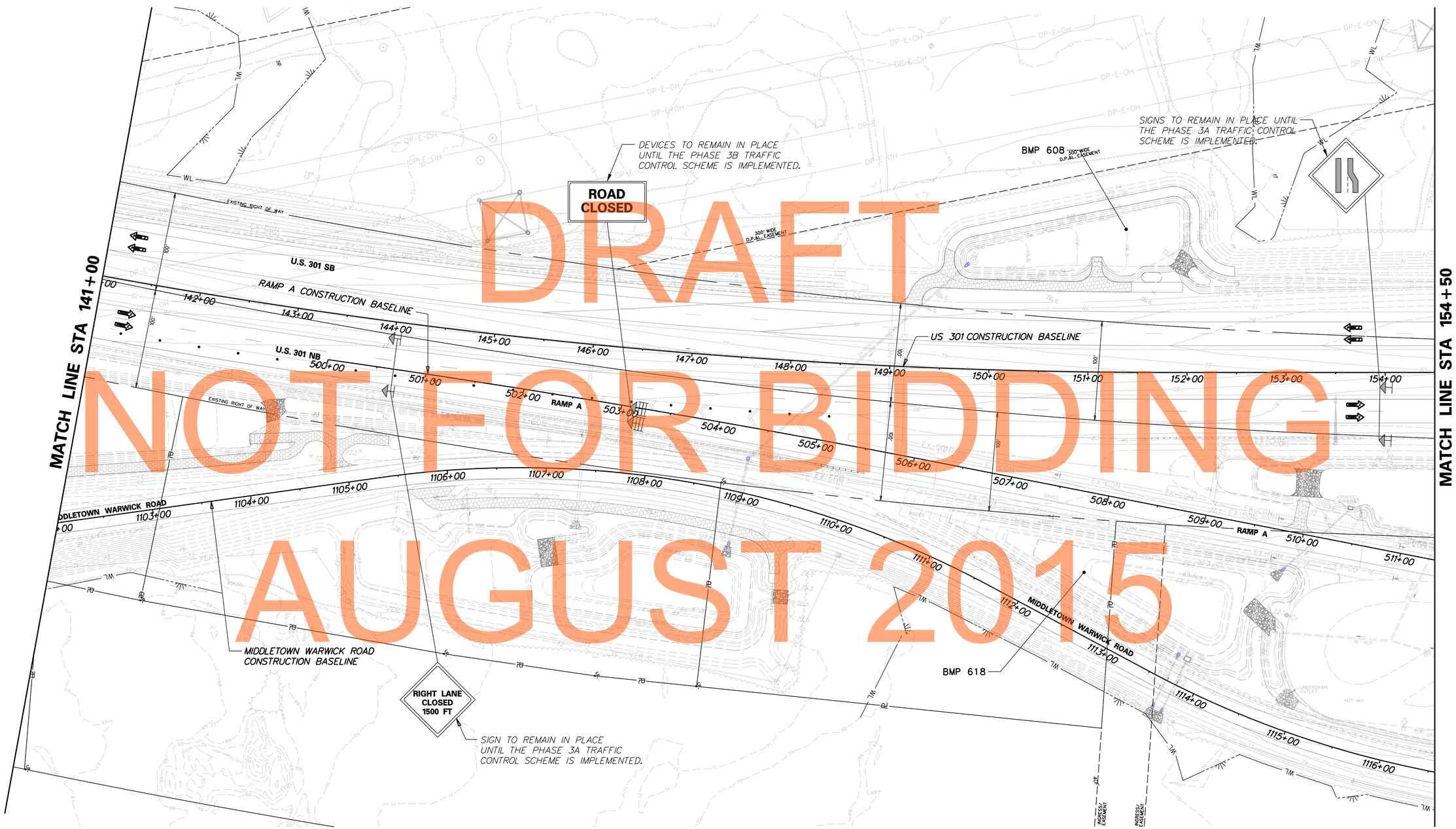
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 50 100 150 FEET	US 301 MARYLAND STATE LINE TO LEVELS ROAD	CONTRACT T200911303	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – EXISTING CONDITION	MD-15
				COUNTY NEW CASTLE	DESIGNED BY: MFM		SHEET NO. 1127
					CHECKED BY: SKH		TOTAL SHTS. 1256

CONSTRUCTION PHASING LEGEND	
	WORK AREA THIS PHASE
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 50 100 150 FEET

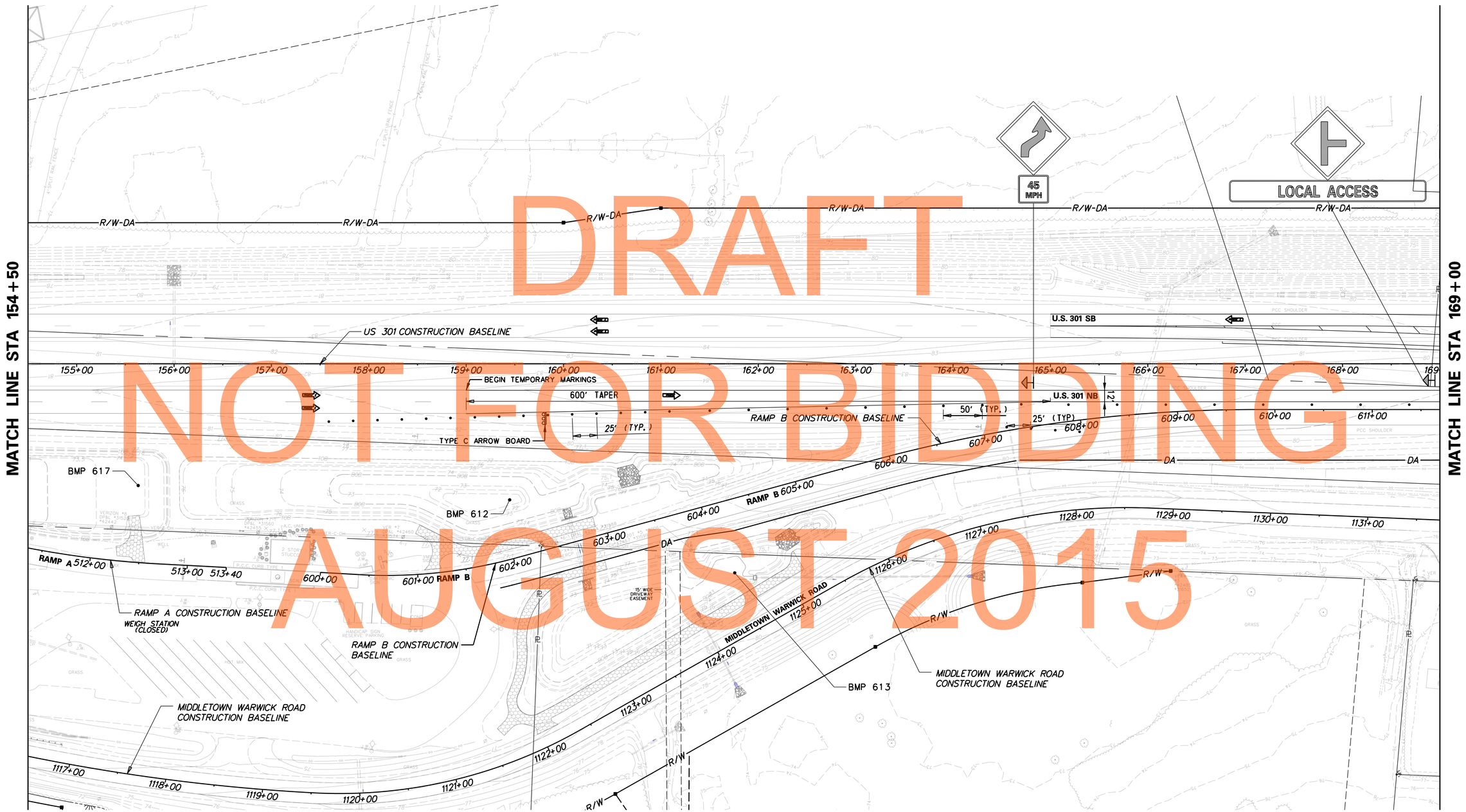
US 301 MARYLAND STATE LINE TO LEVELS ROAD

CONTRACT	BRIDGE NO.
T200911303	DESIGNED BY: MFM
COUNTY	
NEW CASTLE	CHECKED BY: SKH

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – EXISTING CONDITION

MD-16
SHEET NO.
1128
TOTAL SHTS.
1256

CONSTRUCTION PHASING LEGEND	
	WORK AREA THIS PHASE
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 50 100 150 FEET

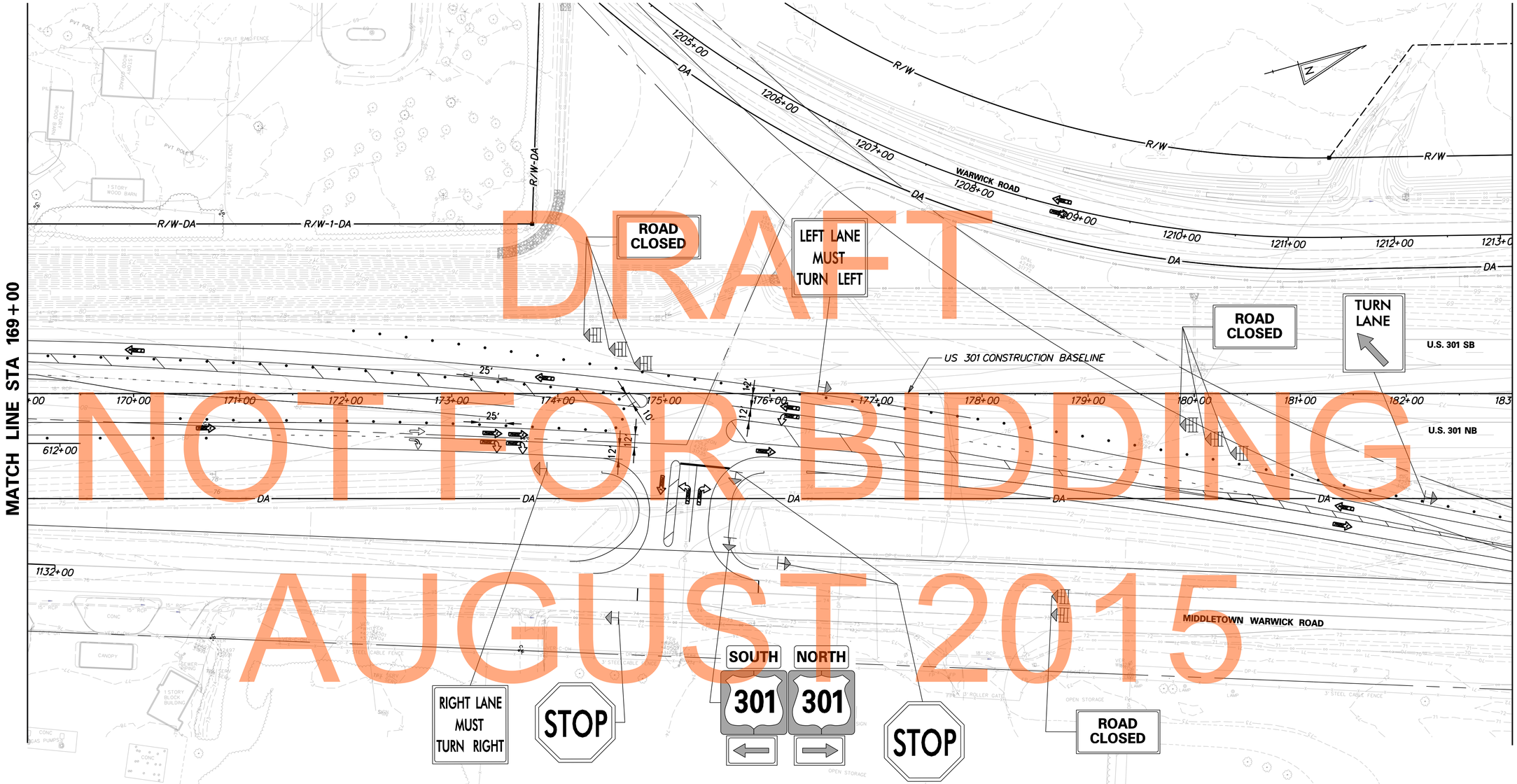
US 301 MARYLAND STATE LINE TO LEVELS ROAD

CONTRACT	BRIDGE NO.
T200911303	DESIGNED BY: MFM
COUNTY	
NEW CASTLE	CHECKED BY: SKH

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – EXISTING CONDITION

MD-17
SHEET NO.
1129
TOTAL SHTS.
1256

CONSTRUCTION PHASING LEGEND	
	WORK AREA THIS PHASE
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW



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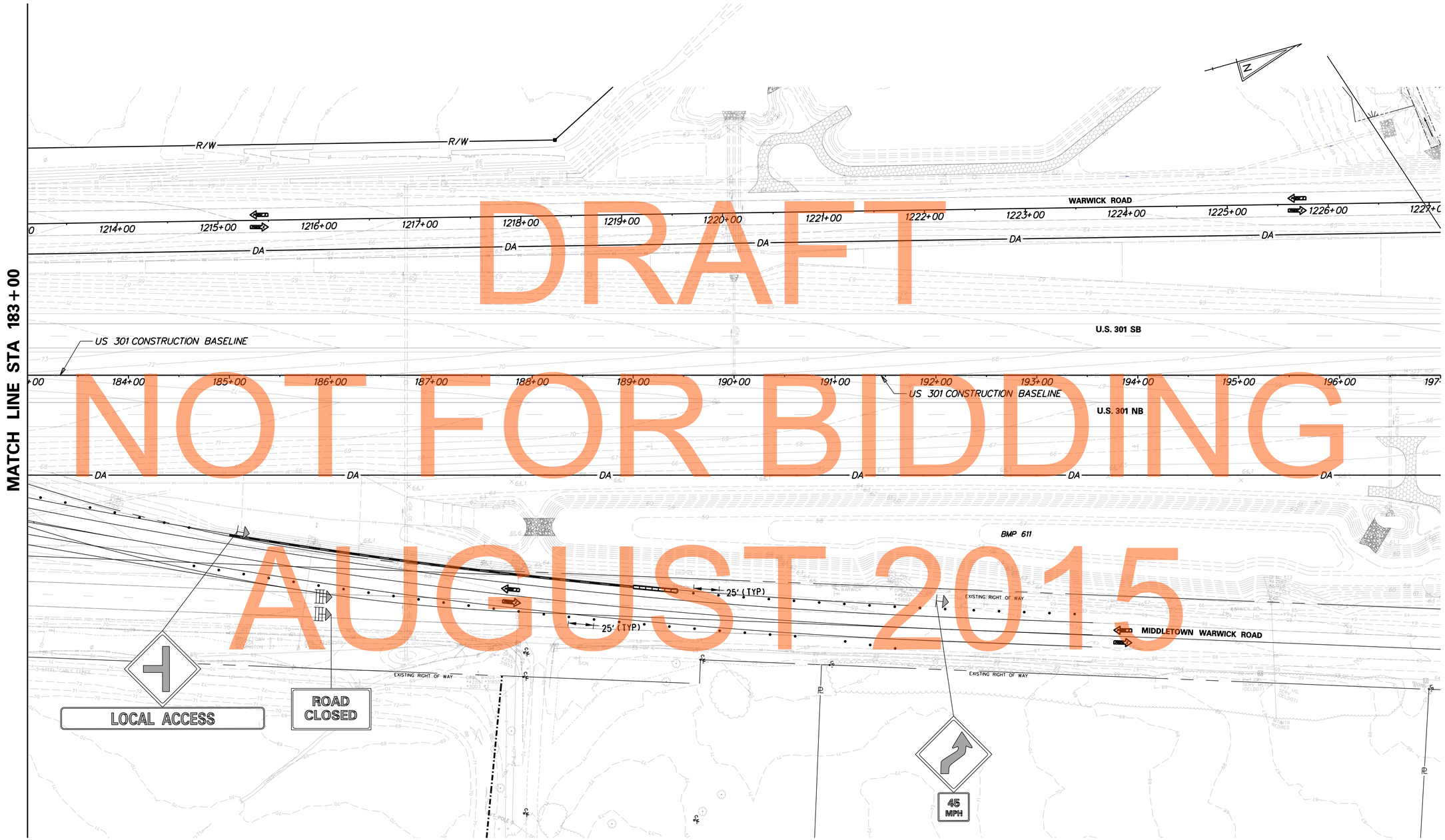
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 50 100 150 FEET	US 301 MARYLAND STATE LINE TO LEVELS ROAD	CONTRACT T200911303	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – EXISTING CONDITION	MD-18
				COUNTY NEW CASTLE	DESIGNED BY: MFM		SHEET NO. 1130
					CHECKED BY: SKH		TOTAL SHTS. 1256

CONSTRUCTION PHASING LEGEND	
	WORK AREA THIS PHASE
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 50 100 150 FEET

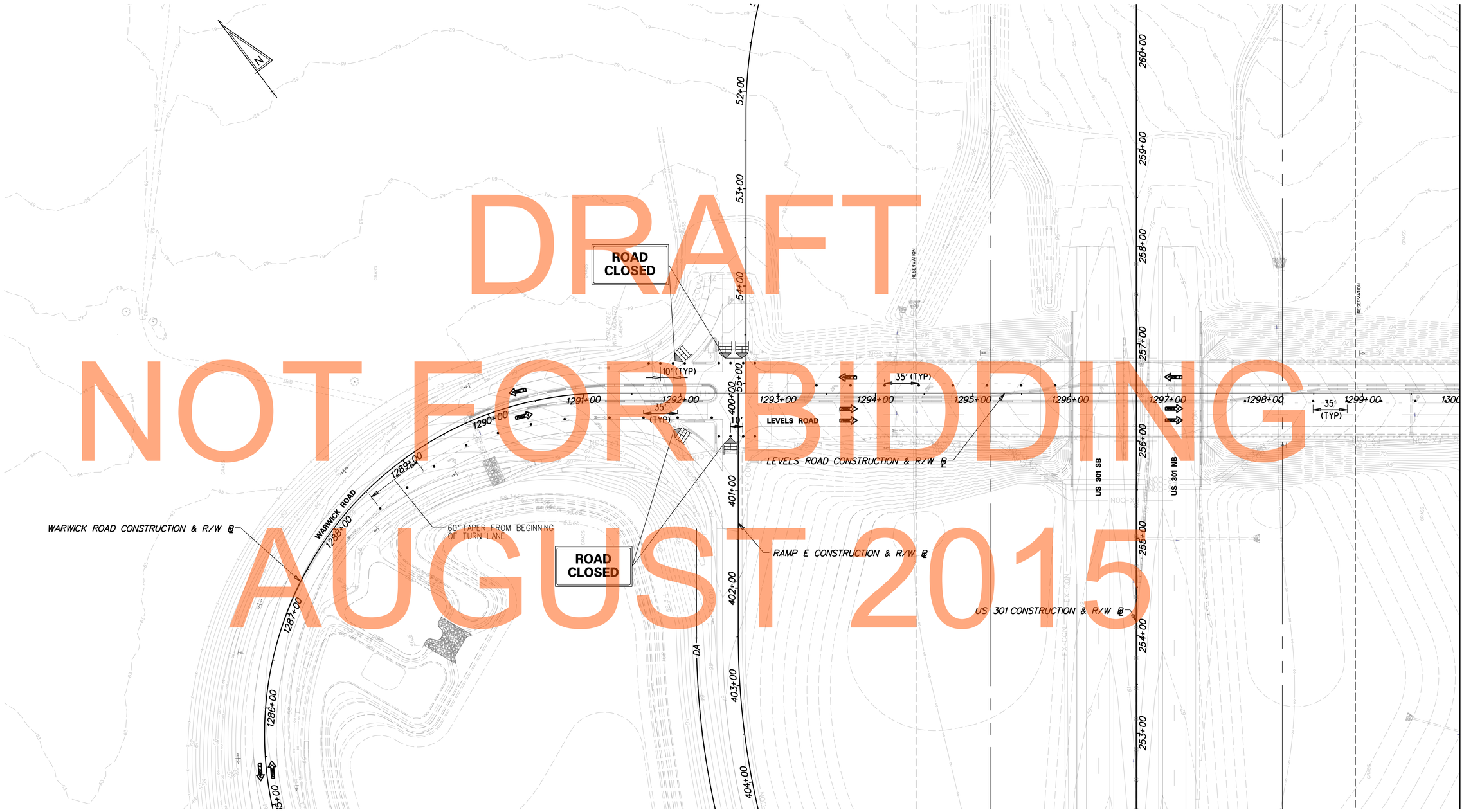
US 301 MARYLAND STATE LINE TO LEVELS ROAD

CONTRACT	BRIDGE NO.	
T200911303	DESIGNED BY: MFM	
COUNTY		
NEW CASTLE	CHECKED BY: SKH	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – EXISTING CONDITION

MD-19
SHEET NO.
1131
TOTAL SHTS.
1256

CONSTRUCTION PHASING LEGEND	
	WORK AREA THIS PHASE
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW



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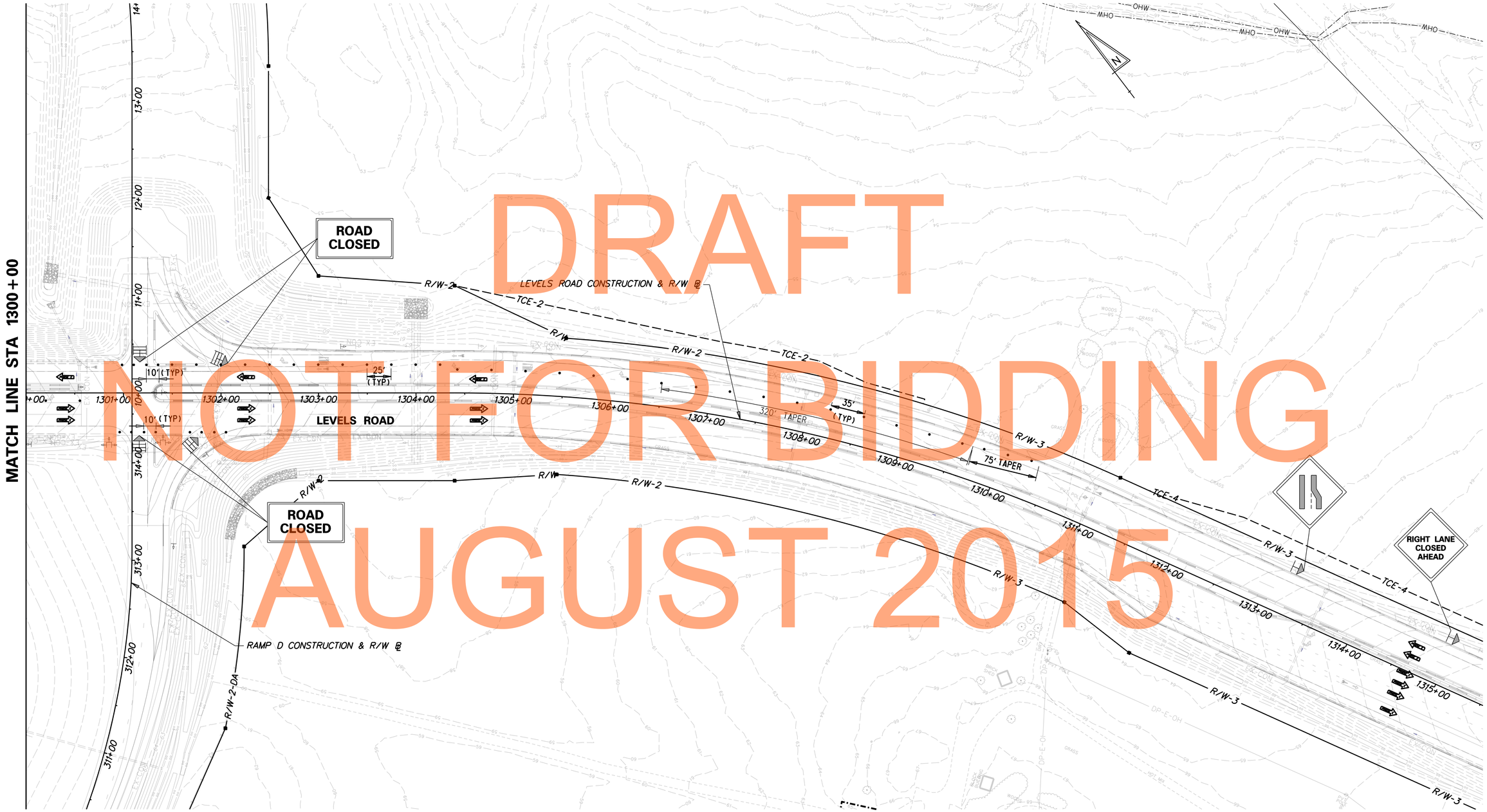
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 50 100 150 FEET	US 301 MARYLAND STATE LINE TO LEVELS ROAD	CONTRACT T200911303	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – EXISTING CONDITION	MD-20
				COUNTY NEW CASTLE	DESIGNED BY: MFM		SHEET NO. 1132
					CHECKED BY: SKH		TOTAL SHTS. 1256

CONSTRUCTION PHASING LEGEND	
	WORK AREA THIS PHASE
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 50 100 150 FEET

US 301 MARYLAND STATE LINE TO LEVELS ROAD

CONTRACT	BRIDGE NO.	
T200911303	DESIGNED BY: MFM	
COUNTY		
NEW CASTLE	CHECKED BY: SKH	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – EXISTING CONDITION

MD-21
SHEET NO.
1133
TOTAL SHTS.
1256

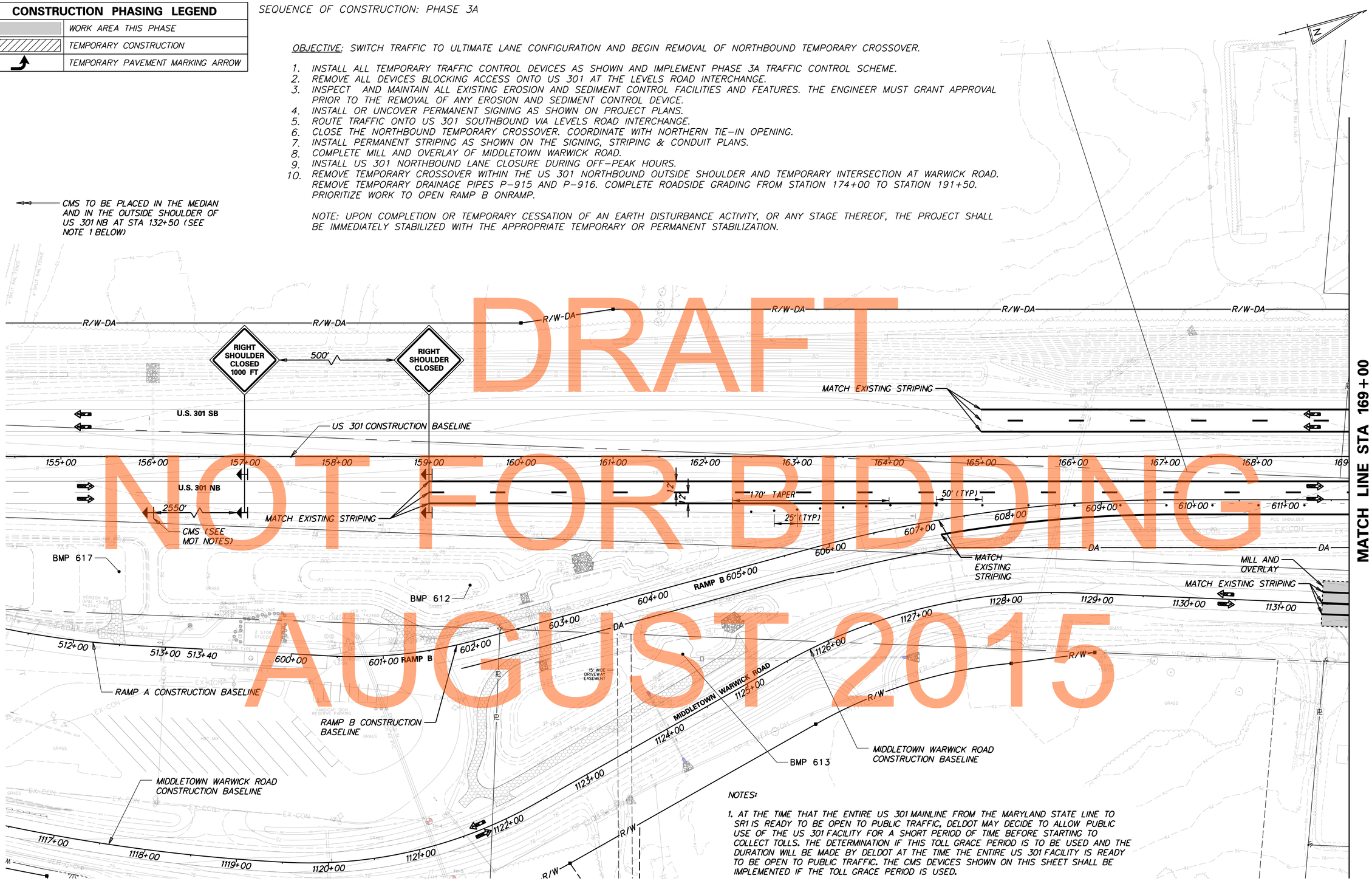
CONSTRUCTION PHASING LEGEND	
	WORK AREA THIS PHASE
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW

SEQUENCE OF CONSTRUCTION: PHASE 3A

OBJECTIVE: SWITCH TRAFFIC TO ULTIMATE LANE CONFIGURATION AND BEGIN REMOVAL OF NORTHBOUND TEMPORARY CROSSOVER.

1. INSTALL ALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN AND IMPLEMENT PHASE 3A TRAFFIC CONTROL SCHEME.
2. REMOVE ALL DEVICES BLOCKING ACCESS ONTO US 301 AT THE LEVELS ROAD INTERCHANGE.
3. INSPECT AND MAINTAIN ALL EXISTING EROSION AND SEDIMENT CONTROL FACILITIES AND FEATURES. THE ENGINEER MUST GRANT APPROVAL PRIOR TO THE REMOVAL OF ANY EROSION AND SEDIMENT CONTROL DEVICE.
4. INSTALL OR UNCOVER PERMANENT SIGNING AS SHOWN ON PROJECT PLANS.
5. ROUTE TRAFFIC ONTO US 301 SOUTHBOUND VIA LEVELS ROAD INTERCHANGE.
6. CLOSE THE NORTHBOUND TEMPORARY CROSSOVER. COORDINATE WITH NORTHERN TIE-IN OPENING.
7. INSTALL PERMANENT STRIPING AS SHOWN ON THE SIGNING, STRIPING & CONDUIT PLANS.
8. COMPLETE MILL AND OVERLAY OF MIDDLETOWN WARWICK ROAD.
9. INSTALL US 301 NORTHBOUND LANE CLOSURE DURING OFF-PEAK HOURS.
10. REMOVE TEMPORARY CROSSOVER WITHIN THE US 301 NORTHBOUND OUTSIDE SHOULDER AND TEMPORARY INTERSECTION AT WARWICK ROAD. REMOVE TEMPORARY DRAINAGE PIPES P-915 AND P-916. COMPLETE ROADSIDE GRADING FROM STATION 174+00 TO STATION 191+50. PRIORITIZE WORK TO OPEN RAMP B ONRAMP.

NOTE: UPON COMPLETION OR TEMPORARY CESSATION OF AN EARTH DISTURBANCE ACTIVITY, OR ANY STAGE THEREOF, THE PROJECT SHALL BE IMMEDIATELY STABILIZED WITH THE APPROPRIATE TEMPORARY OR PERMANENT STABILIZATION.



NOTES:

1. AT THE TIME THAT THE ENTIRE US 301 MAINLINE FROM THE MARYLAND STATE LINE TO SR1 IS READY TO BE OPEN TO PUBLIC TRAFFIC, DELDOT MAY DECIDE TO ALLOW PUBLIC USE OF THE US 301 FACILITY FOR A SHORT PERIOD OF TIME BEFORE STARTING TO COLLECT TOLLS. THE DETERMINATION IF THIS TOLL GRACE PERIOD IS TO BE USED AND THE DURATION WILL BE MADE BY DELDOT AT THE TIME THE ENTIRE US 301 FACILITY IS READY TO BE OPEN TO PUBLIC TRAFFIC. THE CMS DEVICES SHOWN ON THIS SHEET SHALL BE IMPLEMENTED IF THE TOLL GRACE PERIOD IS USED.

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 50 100 150 FEET

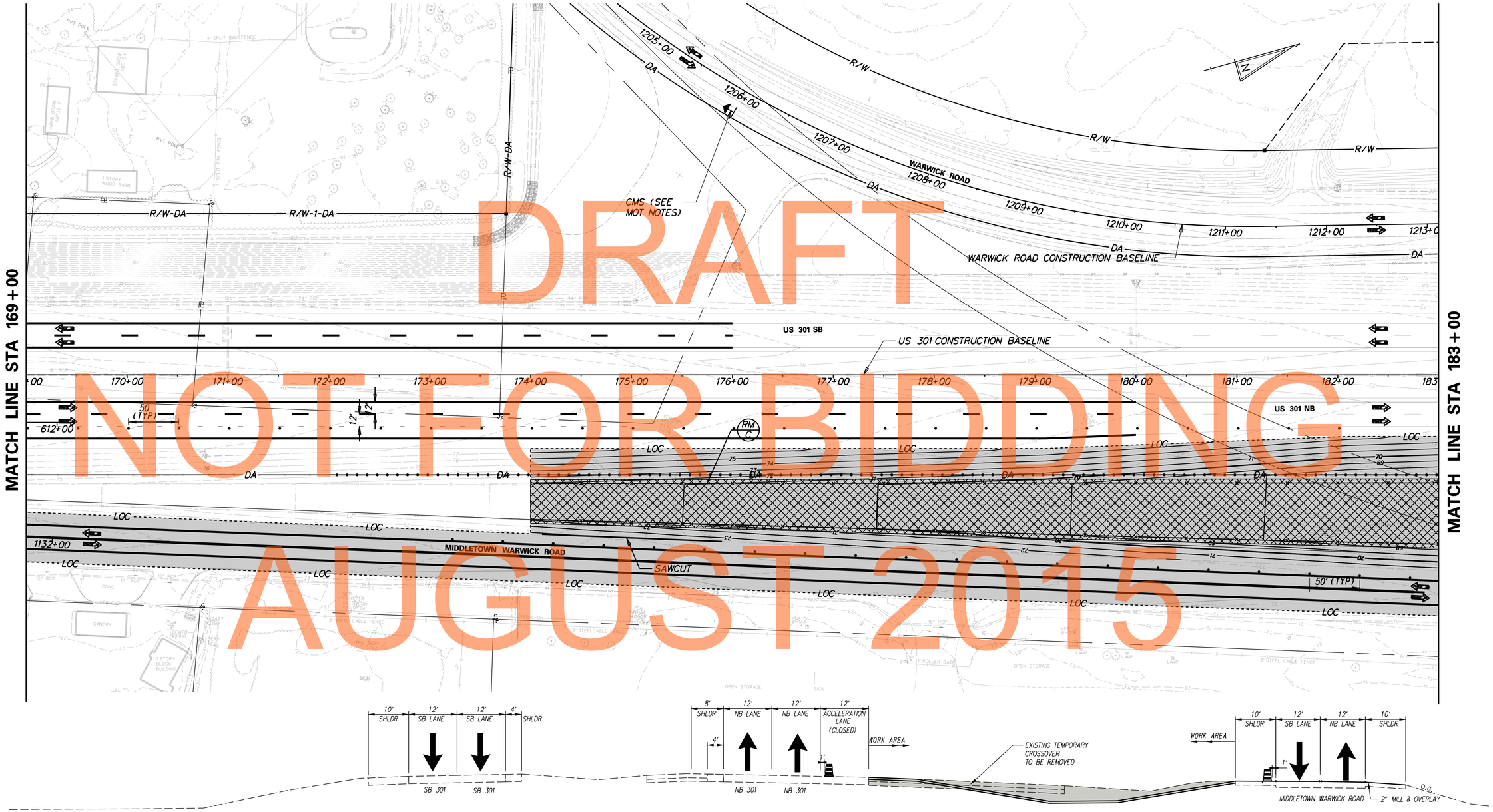
US 301 MARYLAND STATE LINE TO LEVELS ROAD

CONTRACT	BRIDGE NO.
T200911303	DESIGNED BY: MFM
COUNTY	
NEW CASTLE	CHECKED BY: SKH

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

MD-22
SHEET NO.
1134
TOTAL SHTS.
1256

CONSTRUCTION PHASING LEGEND	
	WORK AREA THIS PHASE
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW



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US 301 MOT TYPICAL SECTION
STATION 174+00 TO STATION 187+00

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 50 100 150 FEET

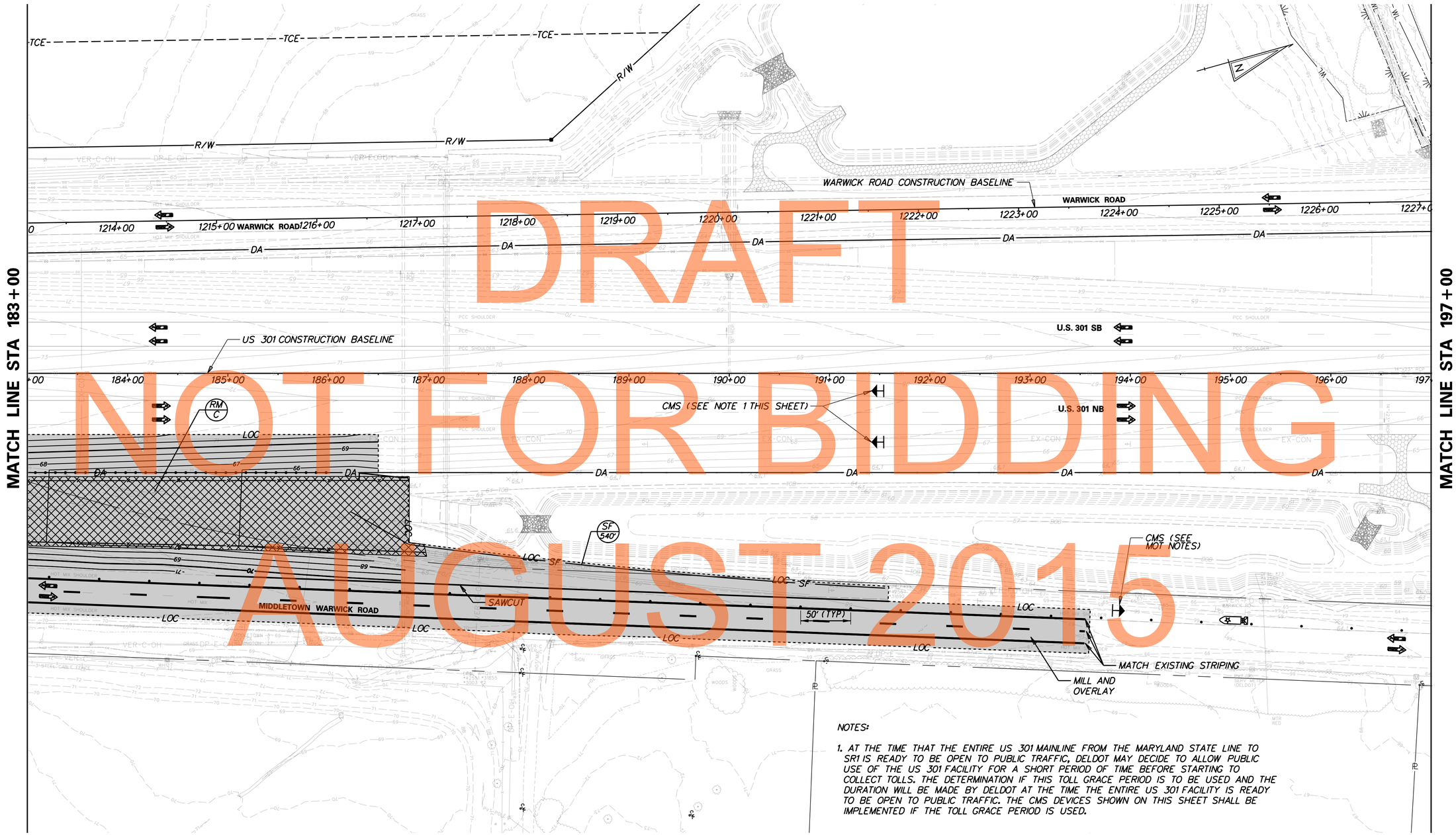
US 301 MARYLAND STATE LINE TO LEVELS ROAD

CONTRACT	BRIDGE NO.
T200911303	DESIGNED BY: MFM
COUNTY	
NEW CASTLE	CHECKED BY: SKH

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

MD-23
SHEET NO.
1135
TOTAL SHTS.
1256

CONSTRUCTION PHASING LEGEND	
	WORK AREA THIS PHASE
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW



NOTES:

1. AT THE TIME THAT THE ENTIRE US 301 MAINLINE FROM THE MARYLAND STATE LINE TO SR1 IS READY TO BE OPEN TO PUBLIC TRAFFIC, DELDOT MAY DECIDE TO ALLOW PUBLIC USE OF THE US 301 FACILITY FOR A SHORT PERIOD OF TIME BEFORE STARTING TO COLLECT TOLLS. THE DETERMINATION IF THIS TOLL GRACE PERIOD IS TO BE USED AND THE DURATION WILL BE MADE BY DELDOT AT THE TIME THE ENTIRE US 301 FACILITY IS READY TO BE OPEN TO PUBLIC TRAFFIC. THE CMS DEVICES SHOWN ON THIS SHEET SHALL BE IMPLEMENTED IF THE TOLL GRACE PERIOD IS USED.

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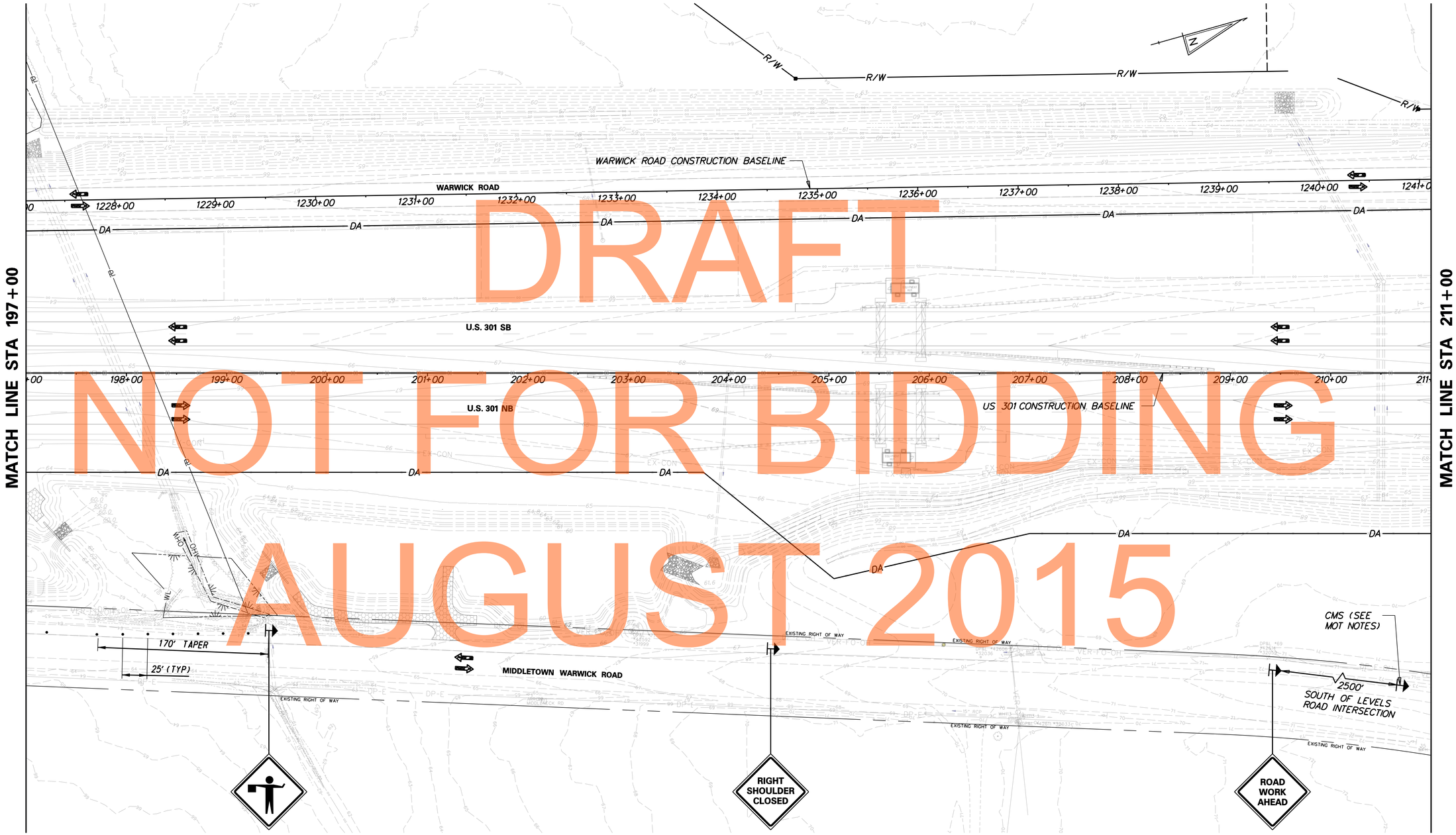
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 50 100 150 FEET	US 301 MARYLAND STATE LINE TO LEVELS ROAD	CONTRACT T200911303	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A	MD-24
				COUNTY NEW CASTLE	DESIGNED BY: MFM		SHEET NO. 1136
					CHECKED BY: SKH		TOTAL SHTS. 1256

CONSTRUCTION PHASING LEGEND	
	WORK AREA THIS PHASE
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 50 100 150 FEET

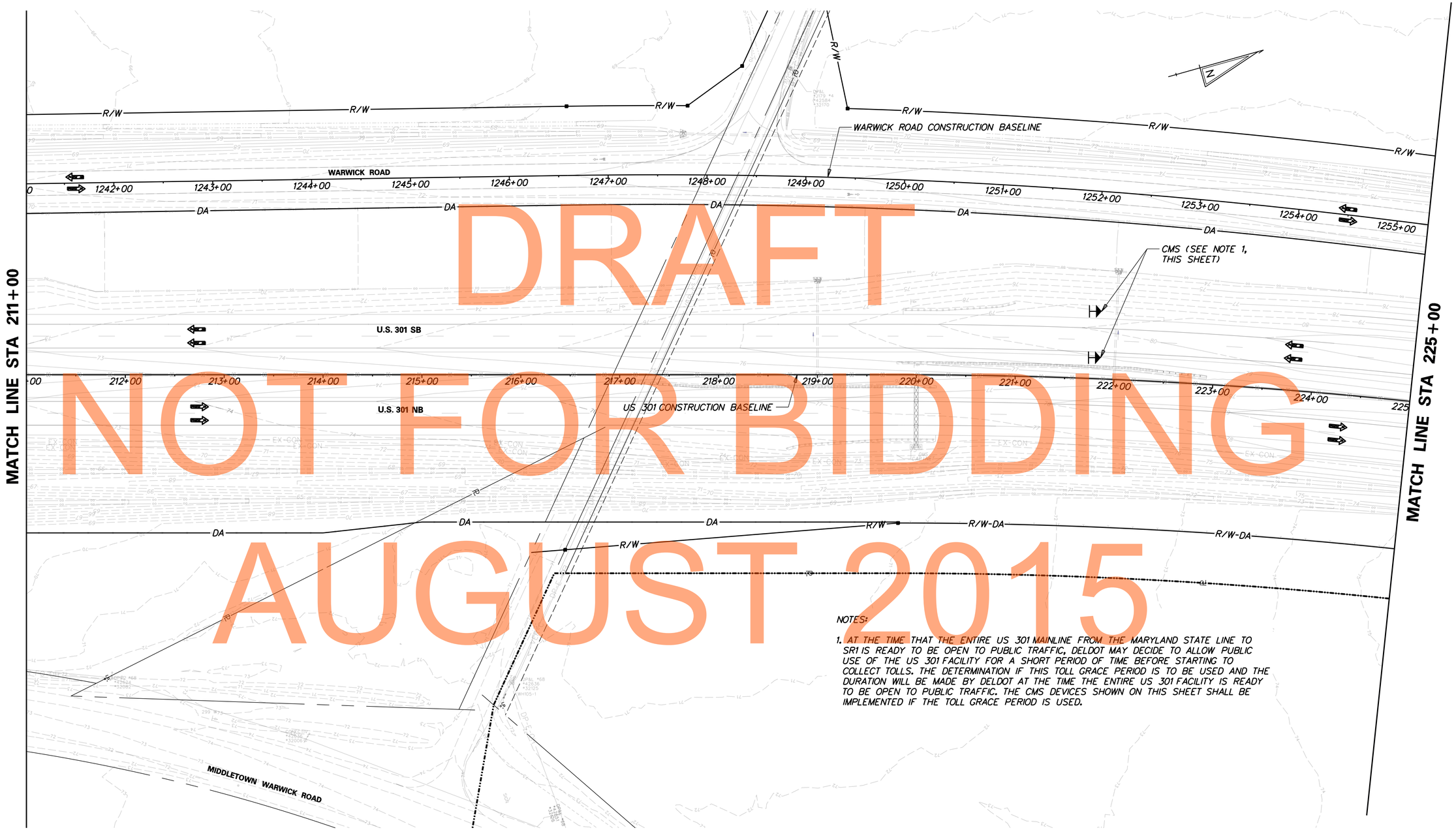
US 301 MARYLAND STATE LINE TO LEVELS ROAD

CONTRACT	BRIDGE NO.
T200911303	DESIGNED BY: MFM
COUNTY	
NEW CASTLE	CHECKED BY: SKH

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

MD-25
SHEET NO.
1137
TOTAL SHTS.
1256

CONSTRUCTION PHASING LEGEND	
	WORK AREA THIS PHASE
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW



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NOTES:

1. AT THE TIME THAT THE ENTIRE US 301 MAINLINE FROM THE MARYLAND STATE LINE TO SR1 IS READY TO BE OPEN TO PUBLIC TRAFFIC, DELDOT MAY DECIDE TO ALLOW PUBLIC USE OF THE US 301 FACILITY FOR A SHORT PERIOD OF TIME BEFORE STARTING TO COLLECT TOLLS. THE DETERMINATION IF THIS TOLL GRACE PERIOD IS TO BE USED AND THE DURATION WILL BE MADE BY DELDOT AT THE TIME THE ENTIRE US 301 FACILITY IS READY TO BE OPEN TO PUBLIC TRAFFIC. THE CMS DEVICES SHOWN ON THIS SHEET SHALL BE IMPLEMENTED IF THE TOLL GRACE PERIOD IS USED.

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 50 100 150 FEET

US 301 MARYLAND STATE LINE TO LEVELS ROAD

CONTRACT	BRIDGE NO.
T200911303	DESIGNED BY: MFM
COUNTY	
NEW CASTLE	CHECKED BY: SKH

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

MD-26
SHEET NO.
1138
TOTAL SHTS.
1256