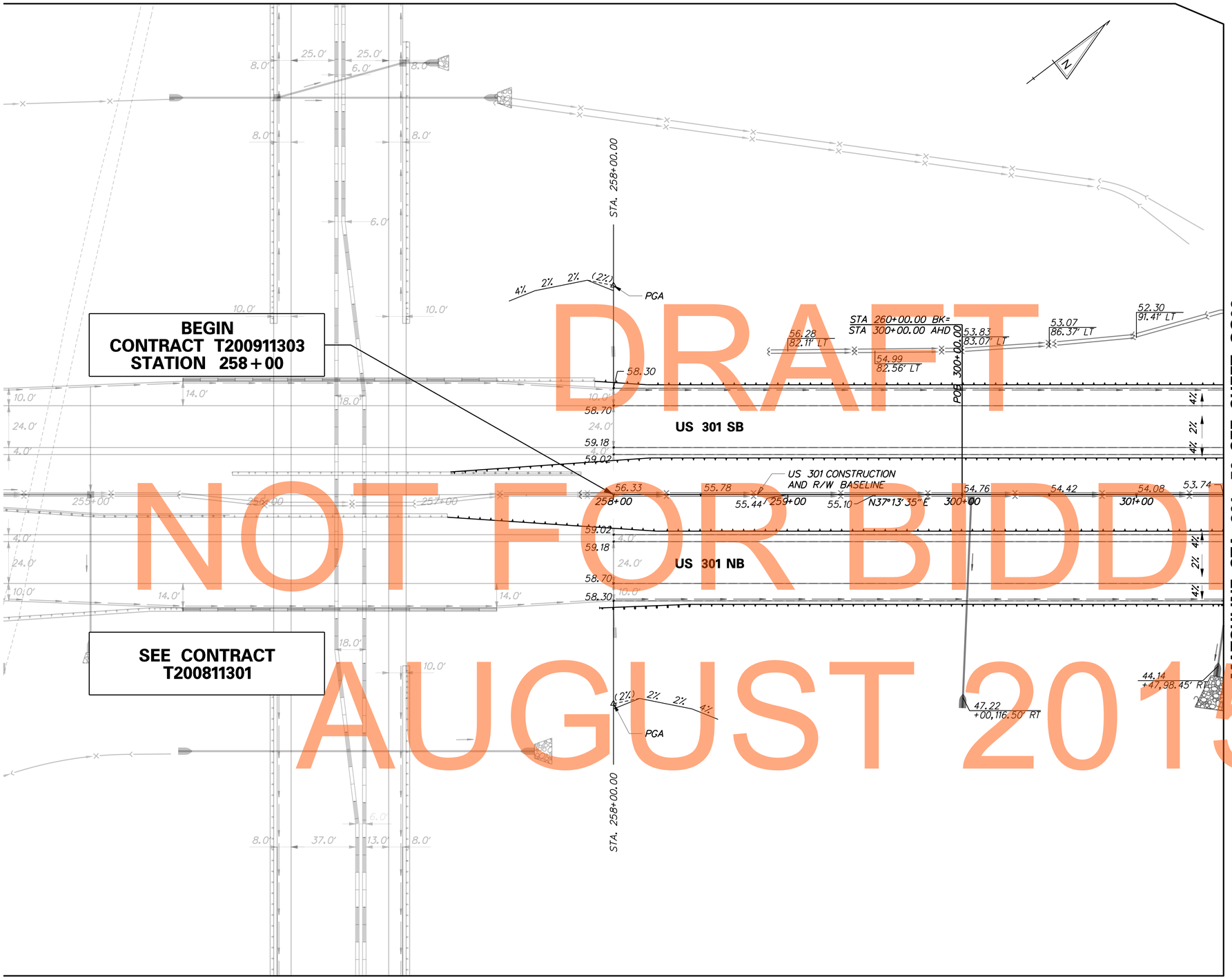
MATCHLINE SEE SHEET GG04



MATCHLINE STA 301+50 SEE SHEET GG02

MATCHLINE SEE SHEET GG06

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AUGUST 2015

NOTES:

1. OFFSETS SHOWN IN THE GEOMETRY TABLES WITH A MINUS SIGN ARE TO THE LEFT OF THE CONSTRUCTION BASELINE.
2. UNLESS OTHERWISE NOTED, POINT GEOMETRY ADJACENT TO CURB AND GUTTER IS GIVEN TO EDGE OF PAVEMENT.
3. RADII ARE GIVEN TO EDGE OF PAVEMENT.
4. UNLESS OTHERWISE NOTED, EDGE OF PAVEMENT ELEVATIONS AT INTERSECTIONS ARE GIVEN AT 10 FOOT INTERVALS.
5. ALL WORK REQUIRED FOR CALCULATING AND STAKING OF GRADES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND PAID FOR UNDER ITEM 763501-CONSTRUCTION ENGINEERING.

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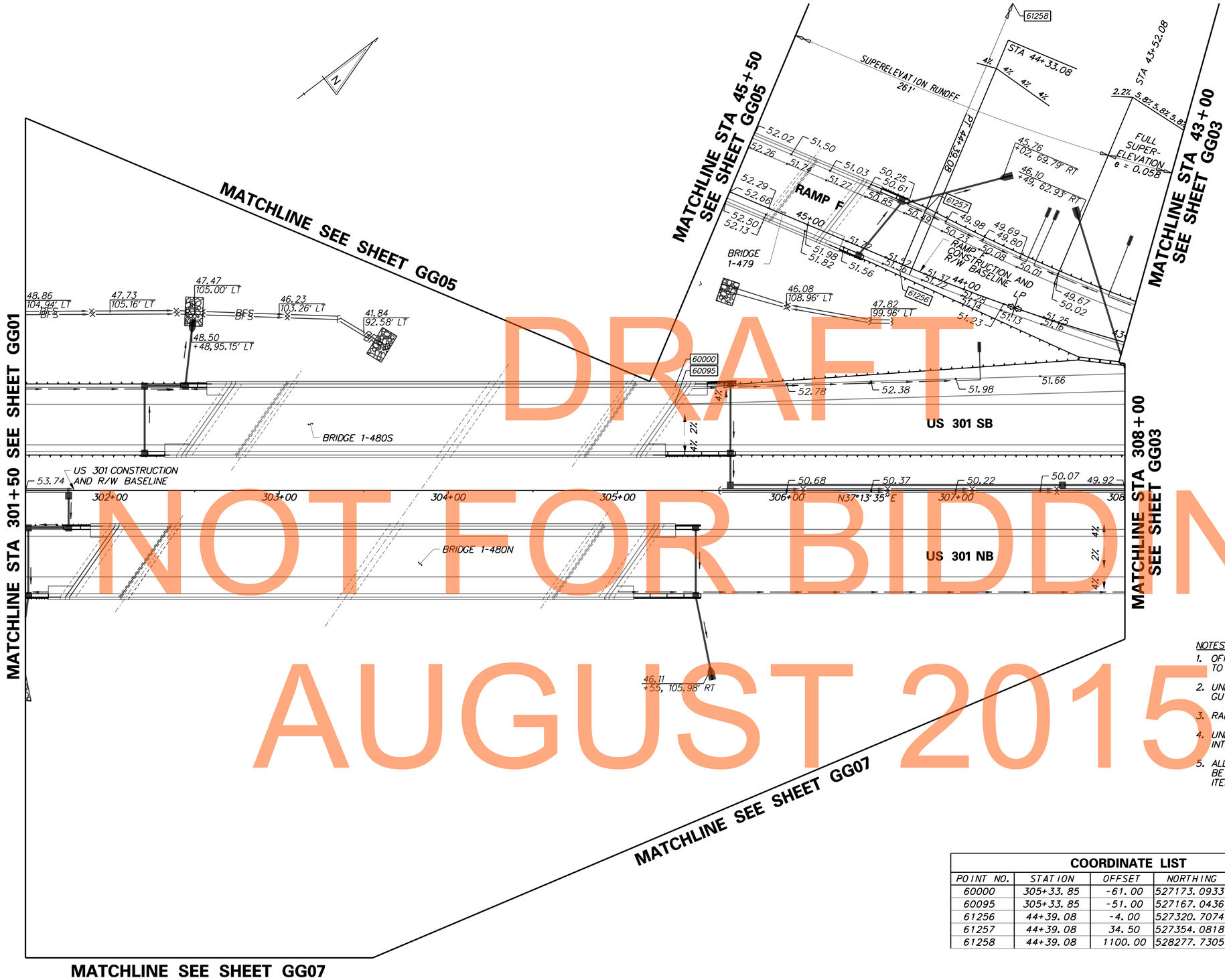
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	GG-01
				COUNTY NEW CASTLE	DESIGNED BY: AM JW		SHEET NO. 188
					CHECKED BY: JF SF		TOTAL SHTS. 1256



DRAFT
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AUGUST 2015

NOTES:

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COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
60000	305+33.85	-61.00	527173.0933	561989.9013
60095	305+33.85	-51.00	527167.0436	561997.8638
61256	44+39.08	-4.00	527320.7074	562015.6621
61257	44+39.08	34.50	527354.0818	561996.4684
61258	44+39.08	1100.00	528277.7305	561465.2778

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301
LEVELS ROAD
TO SUMMIT BRIDGE ROAD

CONTRACT T200911303
COUNTY NEW CASTLE
BRIDGE NO.
DESIGNED BY: AM JW
CHECKED BY: JF SF

GRADES & GEOMETRICS

GG-02
SHEET NO. 189
TOTAL SHTS. 1256

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COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
60001	308+19.63	-69.65	527405.8777	562155.9026
60002	308+76.58	-61.00	527445.9931	562197.2405
60003	310+63.25	61.00	527520.8229	562407.3129
60004	310+96.04	-51.00	527614.6882	562337.9696
60005	310+96.04	-69.00	527625.5776	562323.6371
60006	312+55.96	51.00	527680.3182	562515.9334
60007	312+55.96	69.00	527669.4208	562530.2599
61006	23+37.59	-4.00	527379.3859	562362.0854
61007	23+37.59	27.37	527371.8957	562392.5541
61008	23+37.59	849.00	527169.1192	563188.7637
61009	24+66.87	22.00	527492.1930	562427.4744
61010	24+84.73	-4.00	527518.7912	562410.7287
61011	25+95.30	0.00	527614.7719	562466.1333
61258	44+39.08	1100.00	528277.7305	561465.2778
61259	42+88.56	22.00	527425.2736	562125.1626
61260	42+76.98	-6.36	527410.0430	562151.6811
61261	42+19.72	-4.00	527448.7032	562194.3409
61262	40+93.84	0.00	527540.0584	562281.2680

NOTES:

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5. ALL WORK REQUIRED FOR CALCULATING AND STAKING OF GRADES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND PAID FOR UNDER ITEM 763501-CONSTRUCTION ENGINEERING.

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

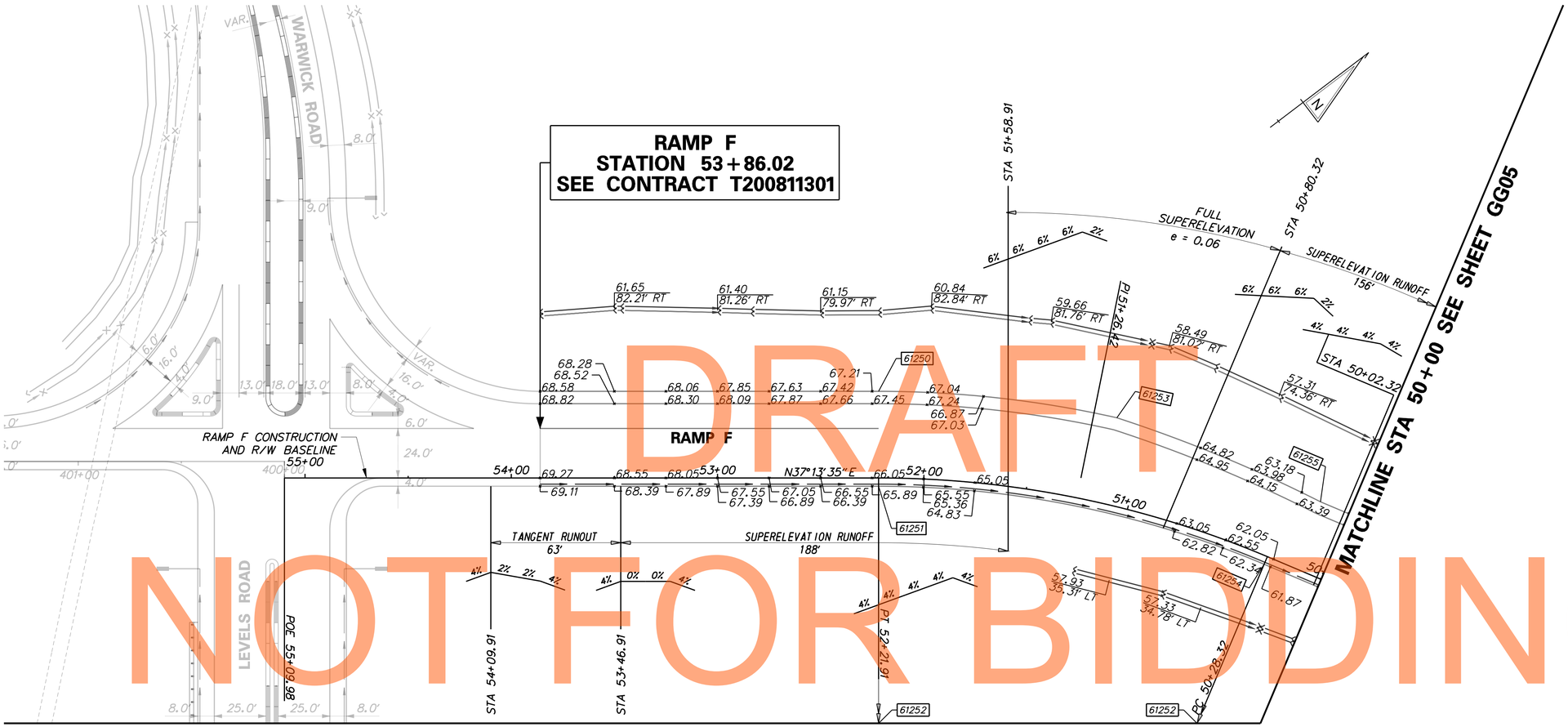
SCALE 0 30 60 90 FEET

US 301
LEVELS ROAD
TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.		
T200911303	DESIGNED BY: AM	JW	
COUNTY			
NEW CASTLE	CHECKED BY: JF	SF	

GRADES & GEOMETRICS

GG-03
SHEET NO.
190
TOTAL SHTS.
1256



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AUGUST 2015

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
61250	52+21.91	42.00	526928.8058	561325.0433
61251	52+21.91	-4.00	526900.9772	561361.6708
61252	50+28.32	-485.00	526609.9877	561744.6670
61253	51+14.71	42.00	527013.0460	561405.1482
61254	50+28.32	-4.00	527026.9500	561504.8683
61255	50+14.92	34.50	527067.0048	561497.2906

NOTES:

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

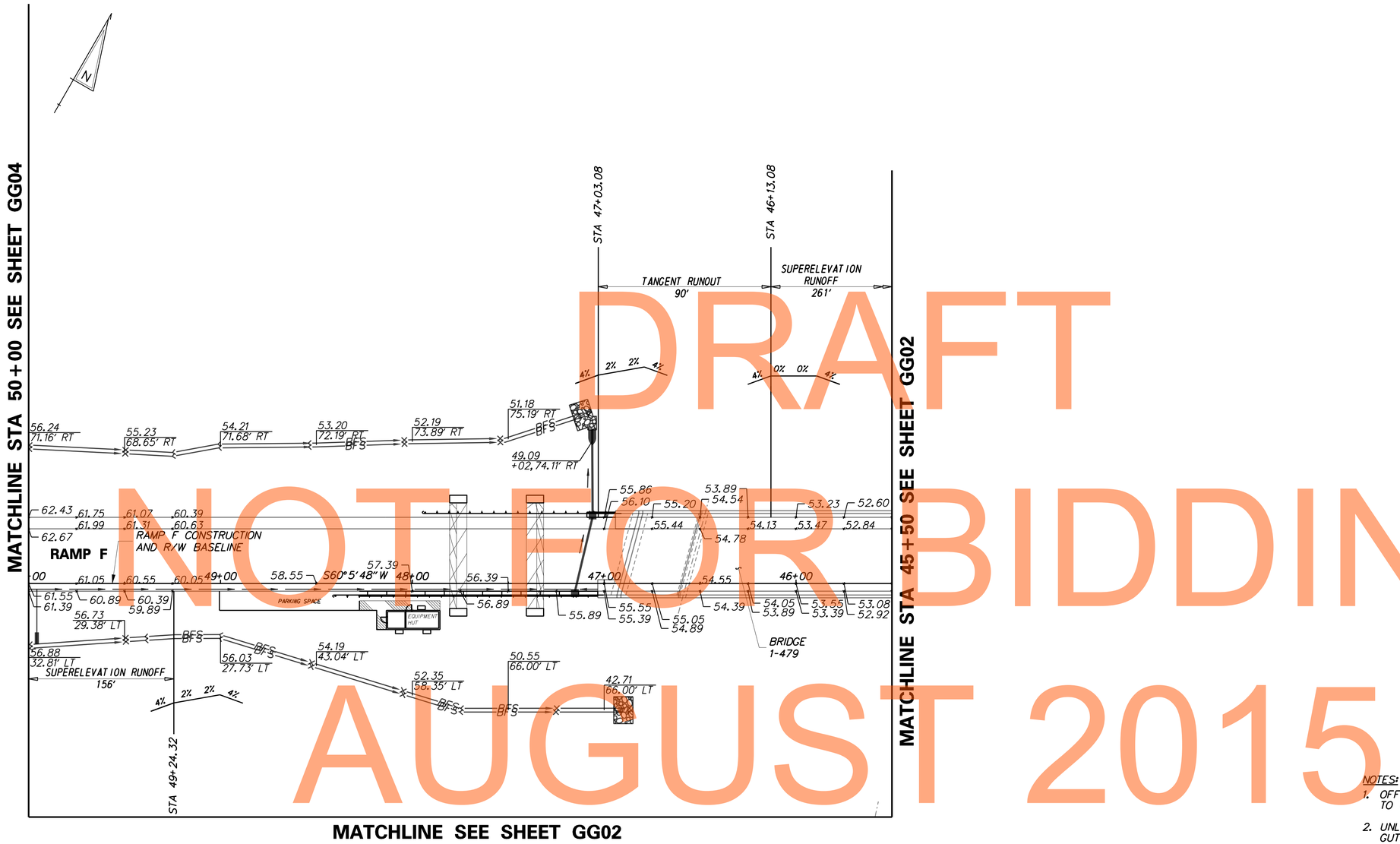
SCALE 0 30 60 90 FEET

US 301
LEVELS ROAD
TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.	
T200911303	DESIGNED BY: AM	JW
COUNTY	CHECKED BY: JF	SF
NEW CASTLE		

GRADES & GEOMETRICS

GG-04
SHEET NO.
191
TOTAL SHTS.
1256



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NOT FOR BIDDING
AUGUST 2015

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DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	GG-05
				COUNTY NEW CASTLE	DESIGNED BY: AM JW		SHEET NO. 192
					CHECKED BY: JF SF		TOTAL SHTS. 1256

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61000	13+35.22	38.00	526408.8502	562087.4116
61001	13+35.22	-4.00	526434.2252	562053.9438
61002	13+35.22	-833.00	526935.7389	561393.8490

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AUGUST 2015

NOTES:

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

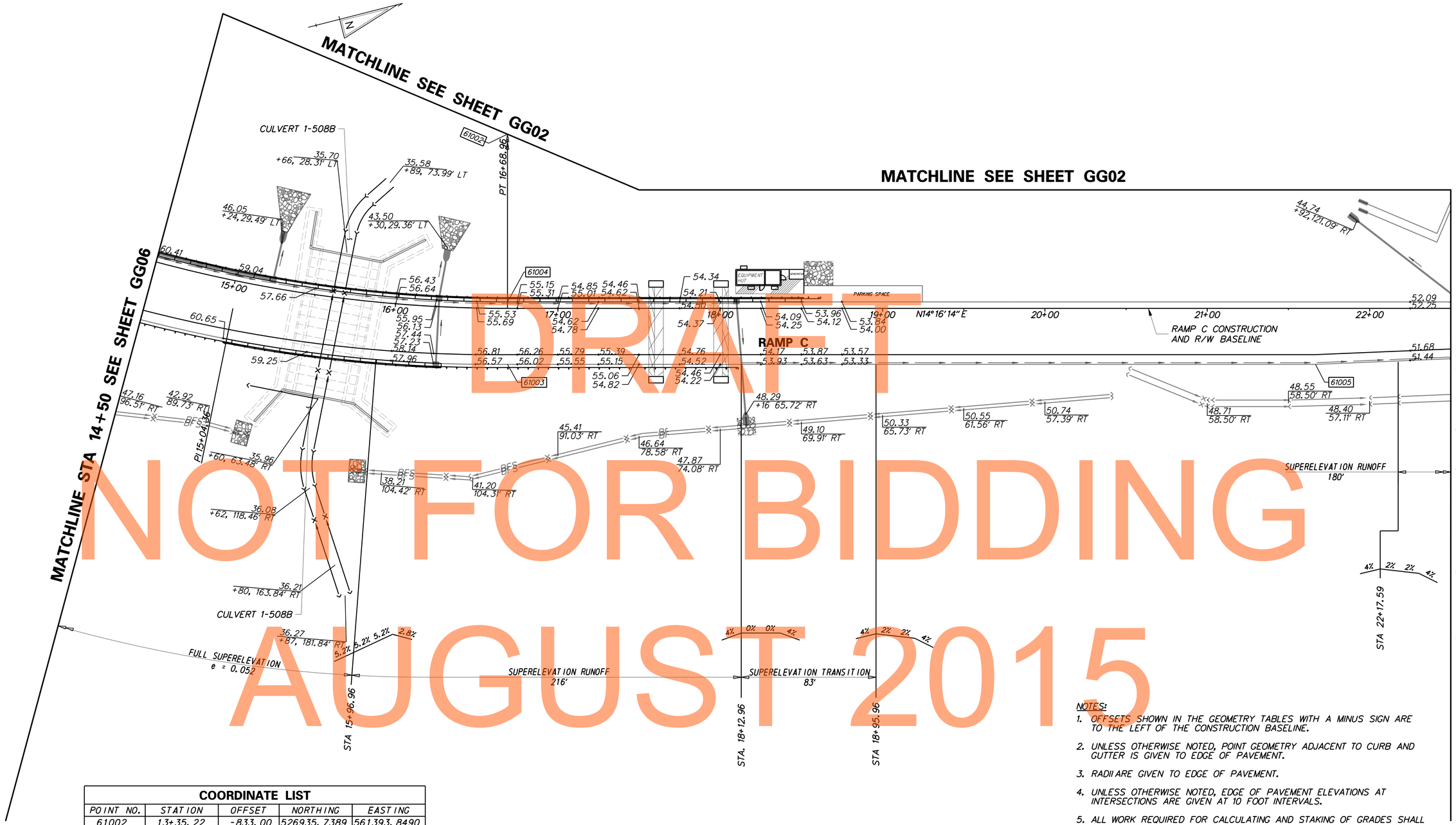
SCALE 0 30 60 90 FEET

US 301
LEVELS ROAD
TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.		
T200911303	DESIGNED BY: AM	JW	
COUNTY			
NEW CASTLE	CHECKED BY: JF	SF	

GRADES & GEOMETRICS

GG-06
SHEET NO.
193
TOTAL SHTS.
1256



COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61002	13+35.22	-833.00	526935.7389	561393.8490
61003	16+68.96	34.50	526721.8976	562234.5798
61004	16+68.96	-4.00	526731.3880	562197.2678
61005	21+66.65	34.50	527204.2303	562357.2606

NOTES:

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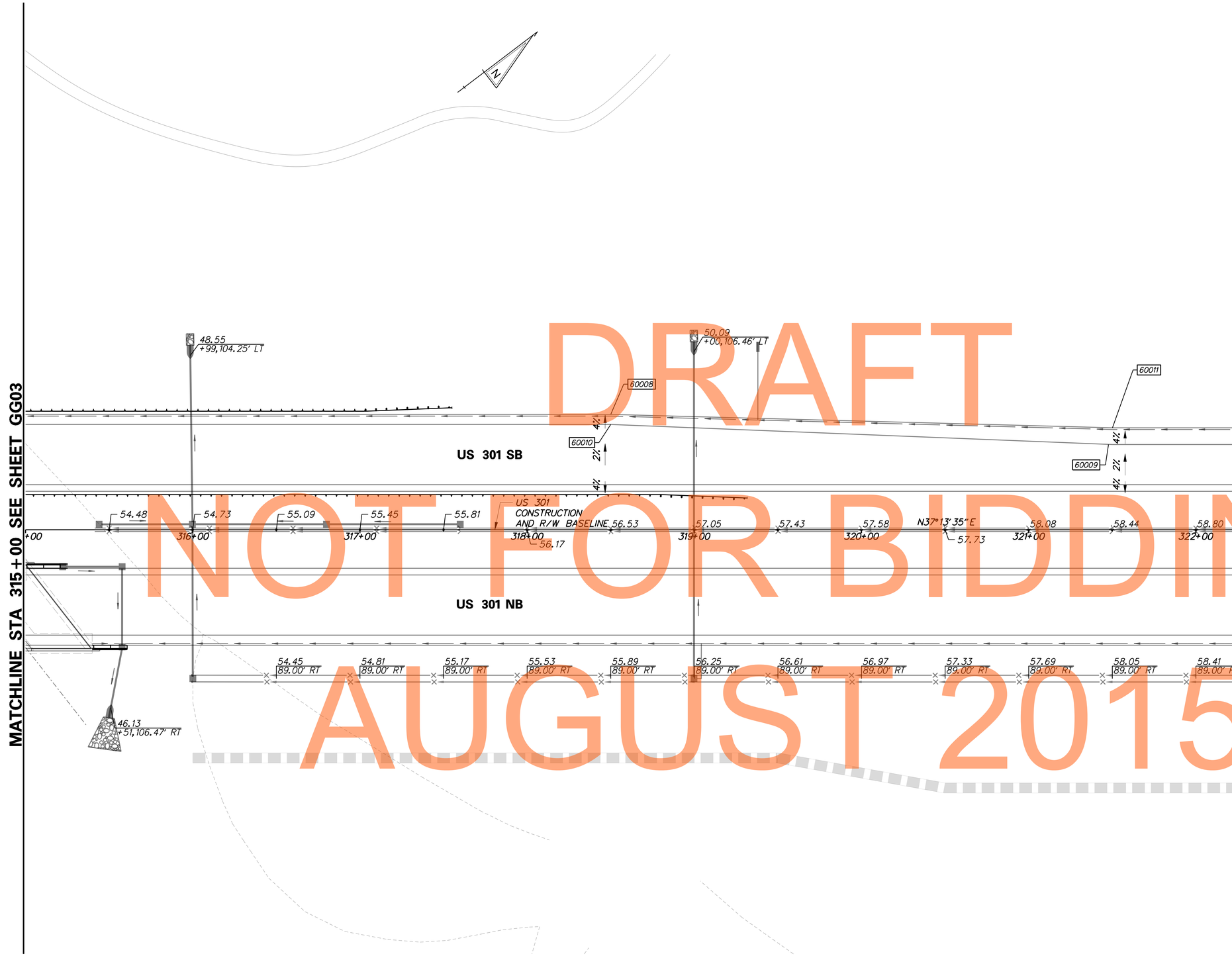

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COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60008	318+50.00	-69.00	528225.9193	562779.7572
60009	321+50.00	-51.00	528453.9053	562975.5795
60010	318+50.00	-63.00	528222.2895	562784.5347
60011	321+50.00	-61.00	528459.9549	562967.6170

NOTES:

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

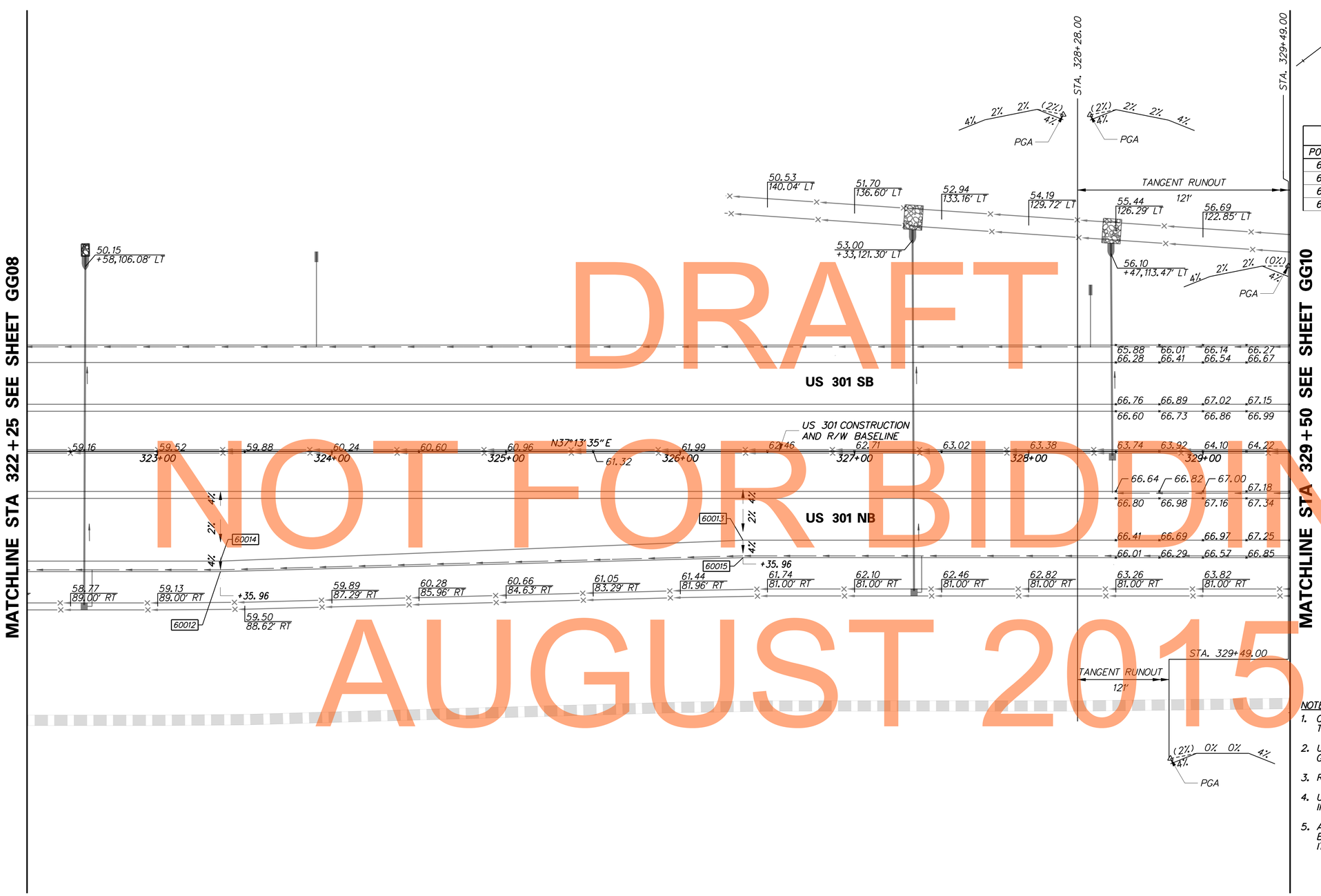
SCALE 0 30 60 90 FEET

US 301
LEVELS ROAD
TO SUMMIT BRIDGE ROAD

CONTRACT T200911303
COUNTY NEW CASTLE
BRIDGE NO.
DESIGNED BY: AM JW
CHECKED BY: JF SF

GRADES & GEOMETRICS

GG-08
SHEET NO. 195
TOTAL SHTS. 1256



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AUGUST 2015

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
60012	323+35.96	69.00	528529.4440	563183.6775
60013	326+35.96	51.00	528779.1451	563350.7863
60014	323+35.96	63.00	528533.0101	563178.8516
60015	326+35.96	61.00	528773.1591	563358.7973

NOTES:

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.		
T200911303	DESIGNED BY: AM	JW	
COUNTY	CHECKED BY: JF	SF	
NEW CASTLE			

GRADES & GEOMETRICS

GG-09
SHEET NO.
196
TOTAL SHTS.
1256

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60016	330+62.56	23.00	529135.7650	563586.5698
60017	330+62.56	61.00	529112.7762	563616.8273
60018	330+62.56	-23.00	529163.5934	563549.9422
60019	330+62.56	-61.00	529186.5821	563519.6846
60020	330+62.56	-7500.00	533686.9235	557596.3707

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NOTES:

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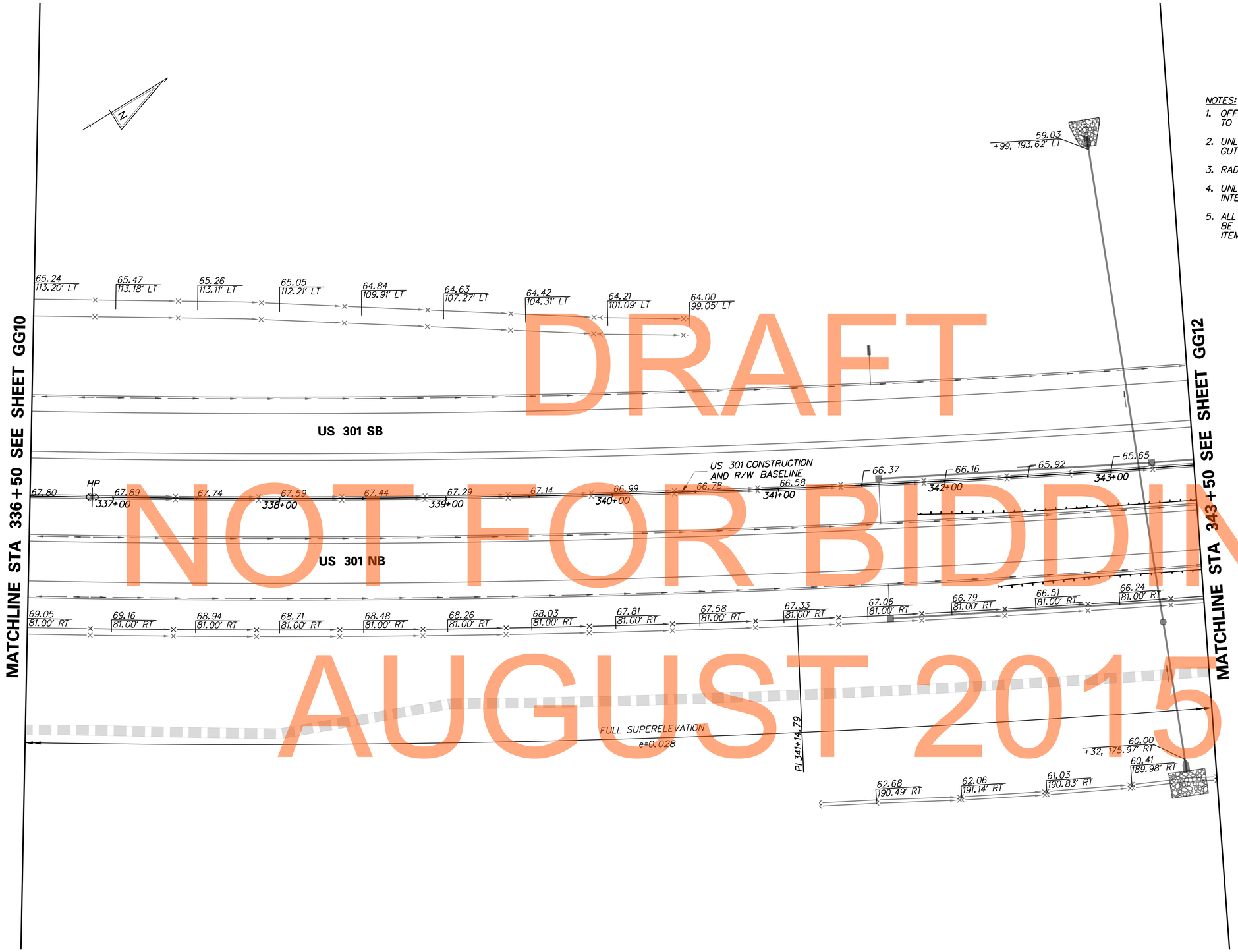
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	GG-10
				COUNTY NEW CASTLE	DESIGNED BY: AM JW		SHEET NO. 197
					CHECKED BY: JF SF		TOTAL SHTS. 1256



DRAFT
NOT FOR BIDDING
AUGUST 2015

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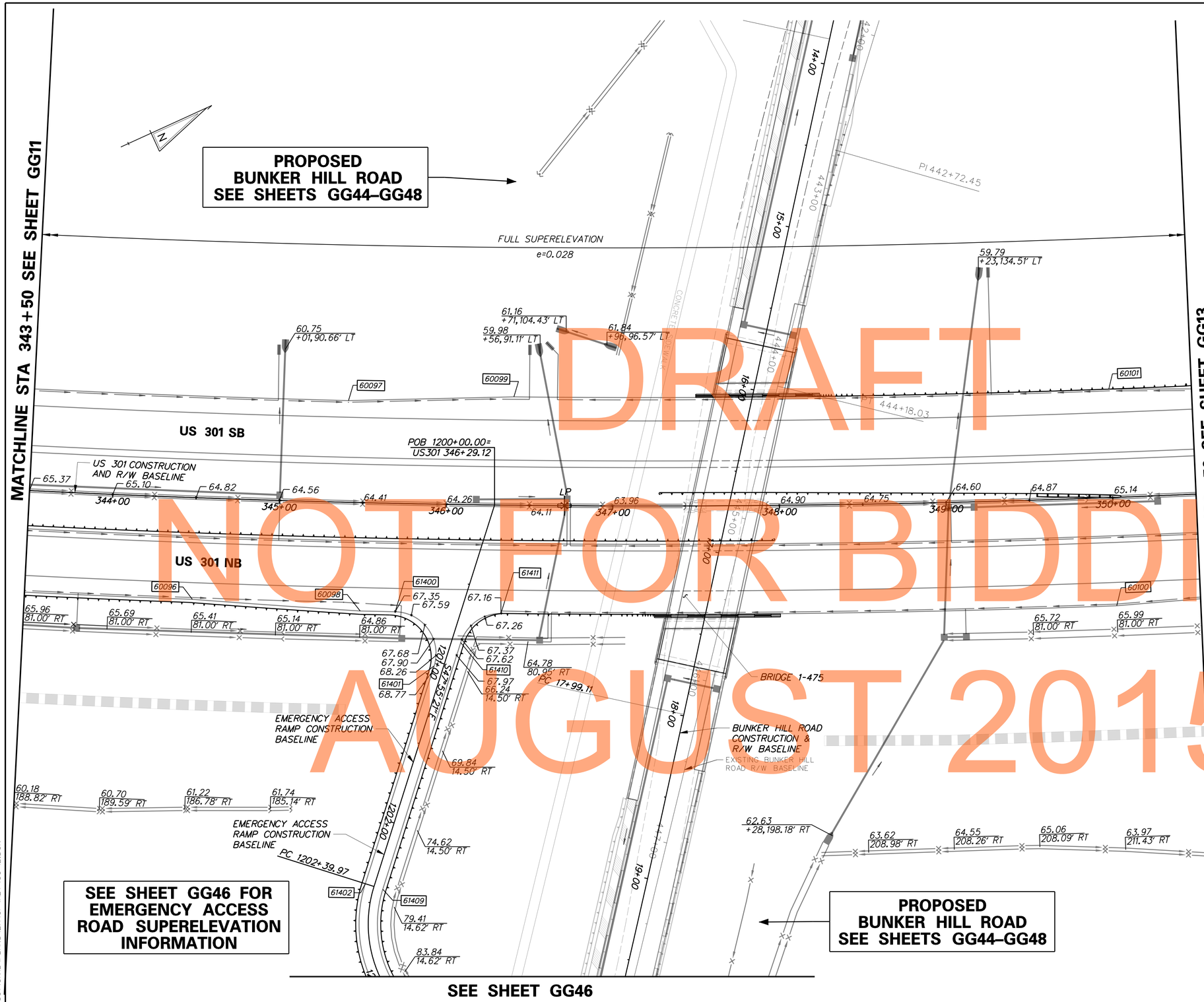
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	GG-11
				COUNTY NEW CASTLE	DESIGNED BY: AM JW		SHEET NO. 198
					CHECKED BY: JF SF		TOTAL SHTS. 1256



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NOT FOR BIDDING
AUGUST 2015

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60096	344+50.00	61.00	530298.2160	564355.4677
60097	345+40.00	-61.00	530432.9329	564285.9354
60098	345+50.00	65.00	530386.8909	564403.6477
60099	346+40.00	-65.00	530524.1152	564325.1061
60100	350+00.00	65.00	530801.0300	564589.2855
60101	350+00.00	-65.00	530850.6224	564469.1165
61400	345+70.82	65.00	530405.8006	564412.7824
61401	1201+03.00	5.50	530413.5135	564452.0619
61402	1202+39.97	5.50	530321.7289	564553.7224
61409	1202+39.97	-5.50	530329.8935	564561.0939
61410	1200+84.80	-5.50	530433.8750	564445.9242
61411	346+33.72	65.00	530463.0848	564440.0612

NOTES:

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

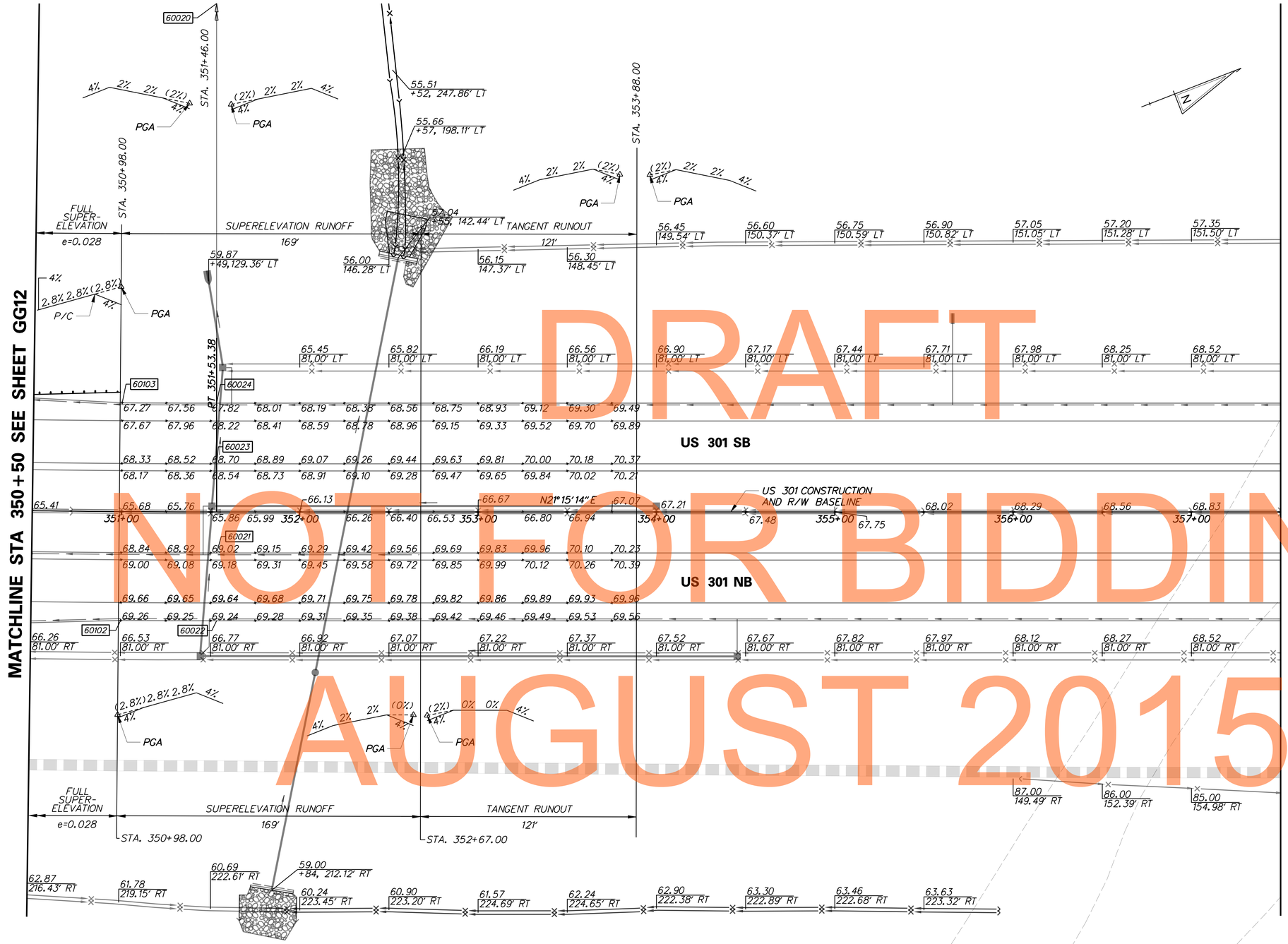
SCALE 0 30 60 90 FEET

US 301
LEVELS ROAD
TO SUMMIT BRIDGE ROAD

CONTRACT T200911303
COUNTY NEW CASTLE
BRIDGE NO.
DESIGNED BY: AM JW
CHECKED BY: JF SF

GRADES & GEOMETRICS

GG-12
SHEET NO. 199
TOTAL SHTS. 1256



COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
60020	330+62.56	-7500.00	533686.9235	557596.3707
60021	351+53.38	23.00	530959.8488	564607.6906
60022	351+53.38	61.00	530946.0738	564643.1060
60023	351+53.38	-23.00	530976.5237	564564.8194
60024	351+53.38	-61.00	530990.2987	564529.4040
60102	351+00.00	61.00	530895.9897	564623.4202
60103	351+00.00	-61.00	530941.0227	564510.0357

NOTES:

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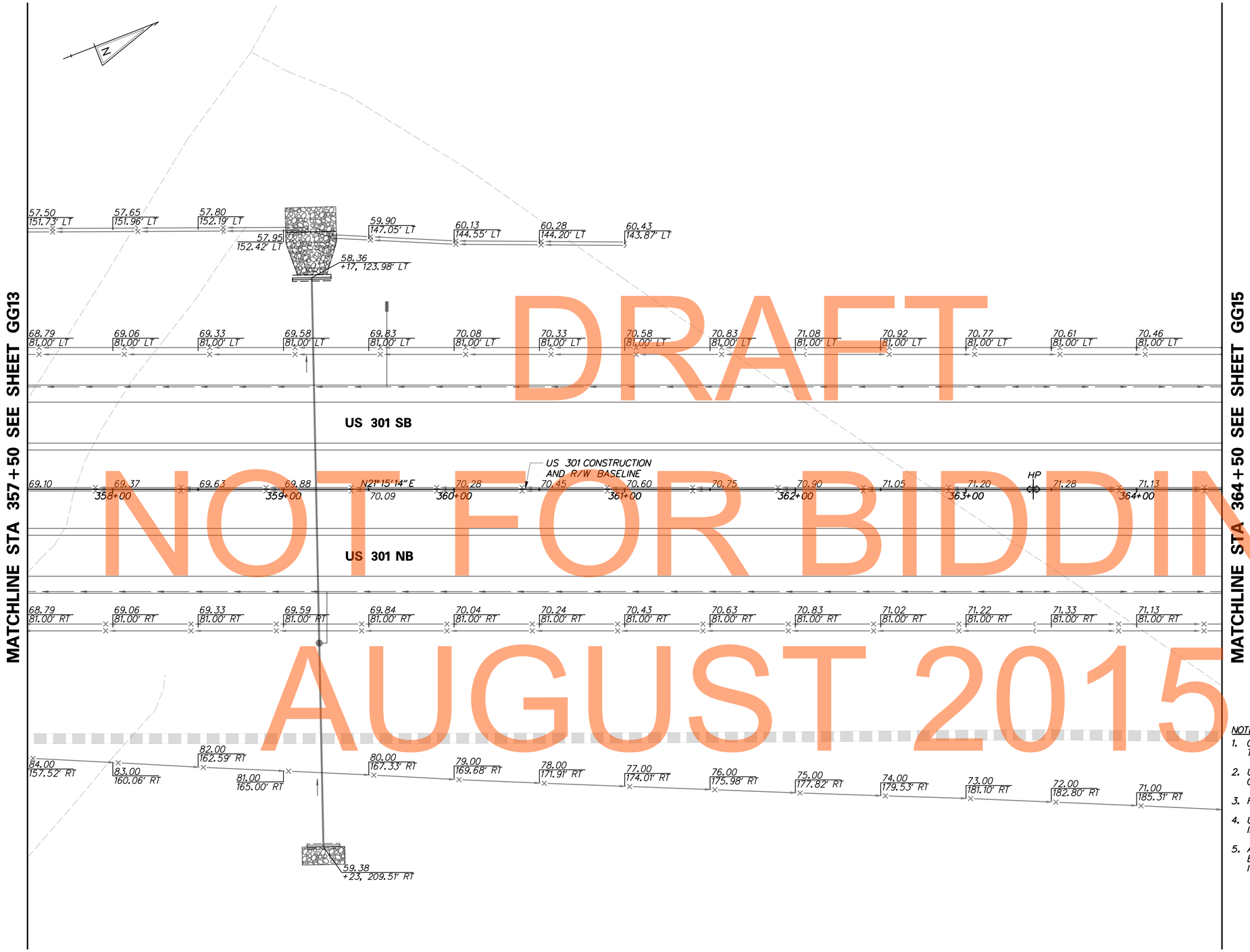
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	GG-13
				COUNTY NEW CASTLE	DESIGNED BY: AM JW		SHEET NO. 200
					CHECKED BY: JF SF		TOTAL SHTS. 1256



DRAFT
NOT FOR BIDDING
AUGUST 2015

NOTES:

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3. RADII ARE GIVEN TO EDGE OF PAVEMENT.
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DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	GG-14
				COUNTY NEW CASTLE	DESIGNED BY: AM JW		SHEET NO. 201
					CHECKED BY: JF SF		TOTAL SHTS. 1256

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NOTES:

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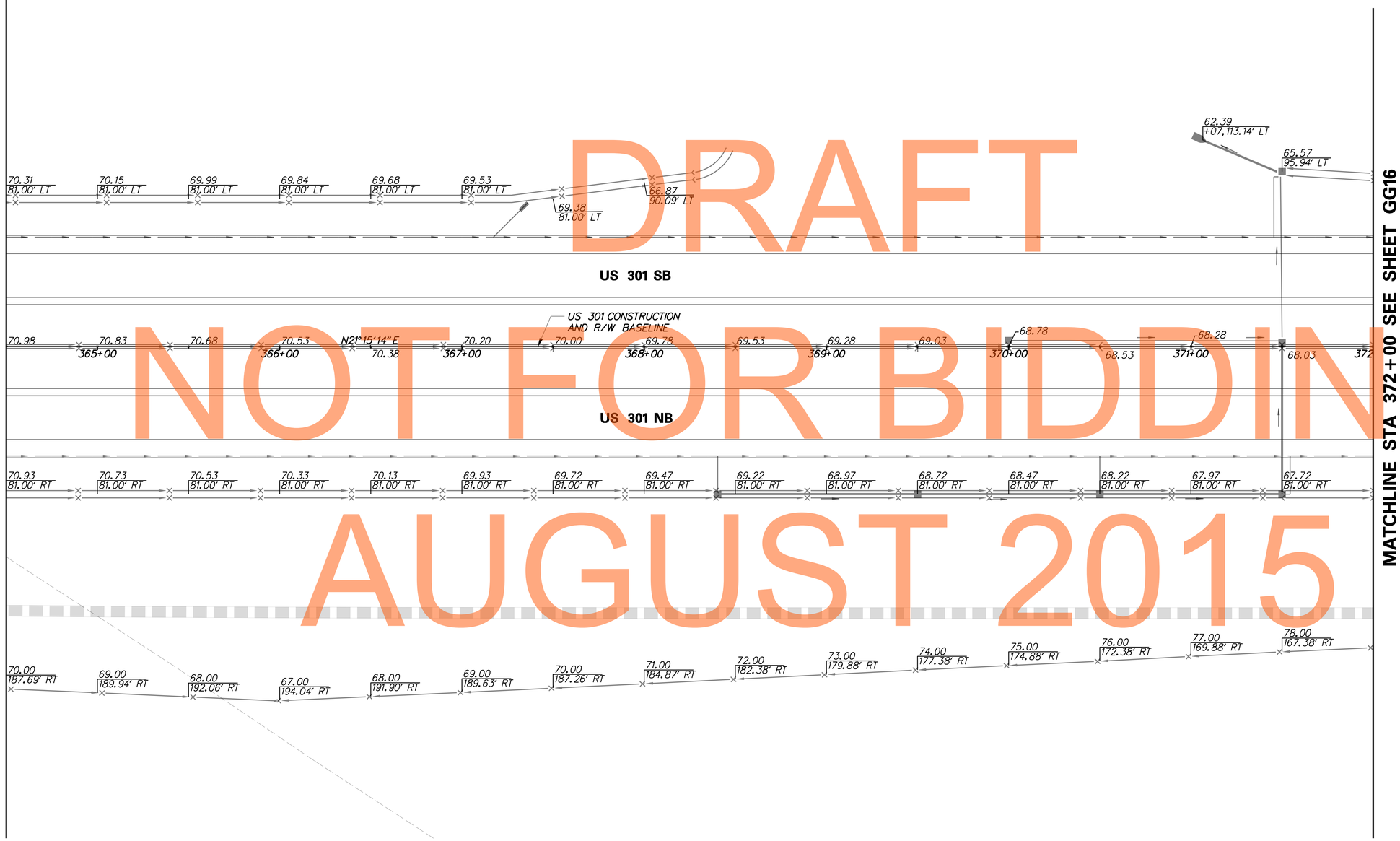

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AUGUST 2015

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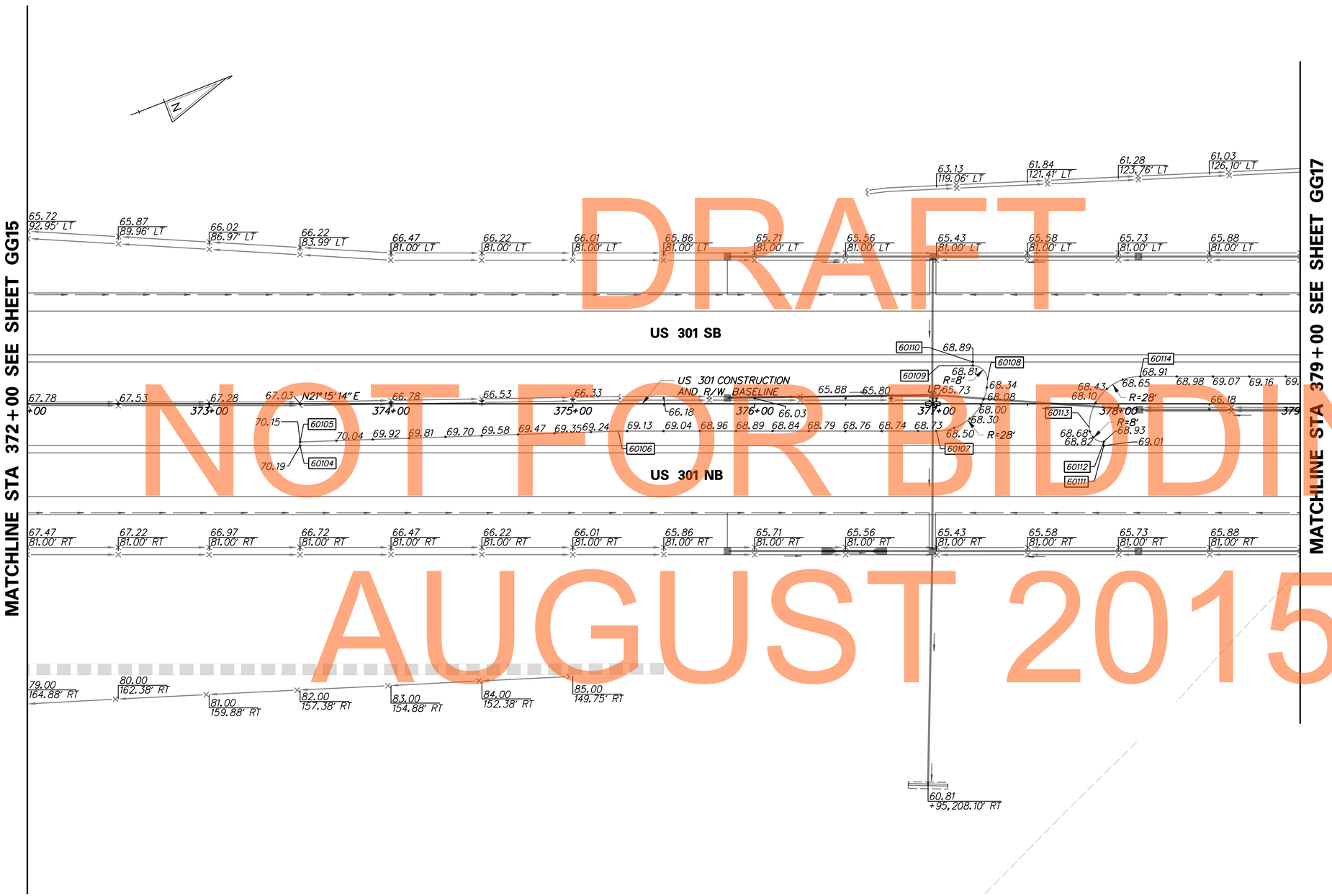
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	GG-15
				COUNTY NEW CASTLE	DESIGNED BY: AM JW		SHEET NO. 202
					CHECKED BY: JF SF		TOTAL SHTS. 1256

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60104	373+50.00	23.00	533007.0637	565403.9635
60105	373+50.00	21.00	533007.7887	565402.0995
60106	375+25.00	15.00	533173.0609	565459.9450
60107	377+00.00	15.00	533336.1581	565523.3823
60108	377+28.00	-13.00	533372.4037	565507.4367
60109	377+20.00	-21.00	533367.8478	565497.0809
60110	377+20.00	-23.00	533368.5728	565495.2169
60111	377+92.00	23.00	533419.0007	565564.1881
60112	377+92.00	21.00	533419.7257	565562.3241
60113	377+84.00	13.00	533415.1698	565551.9683
60114	378+12.00	-15.00	533451.4153	565536.0227



DRAFT
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AUGUST 2015

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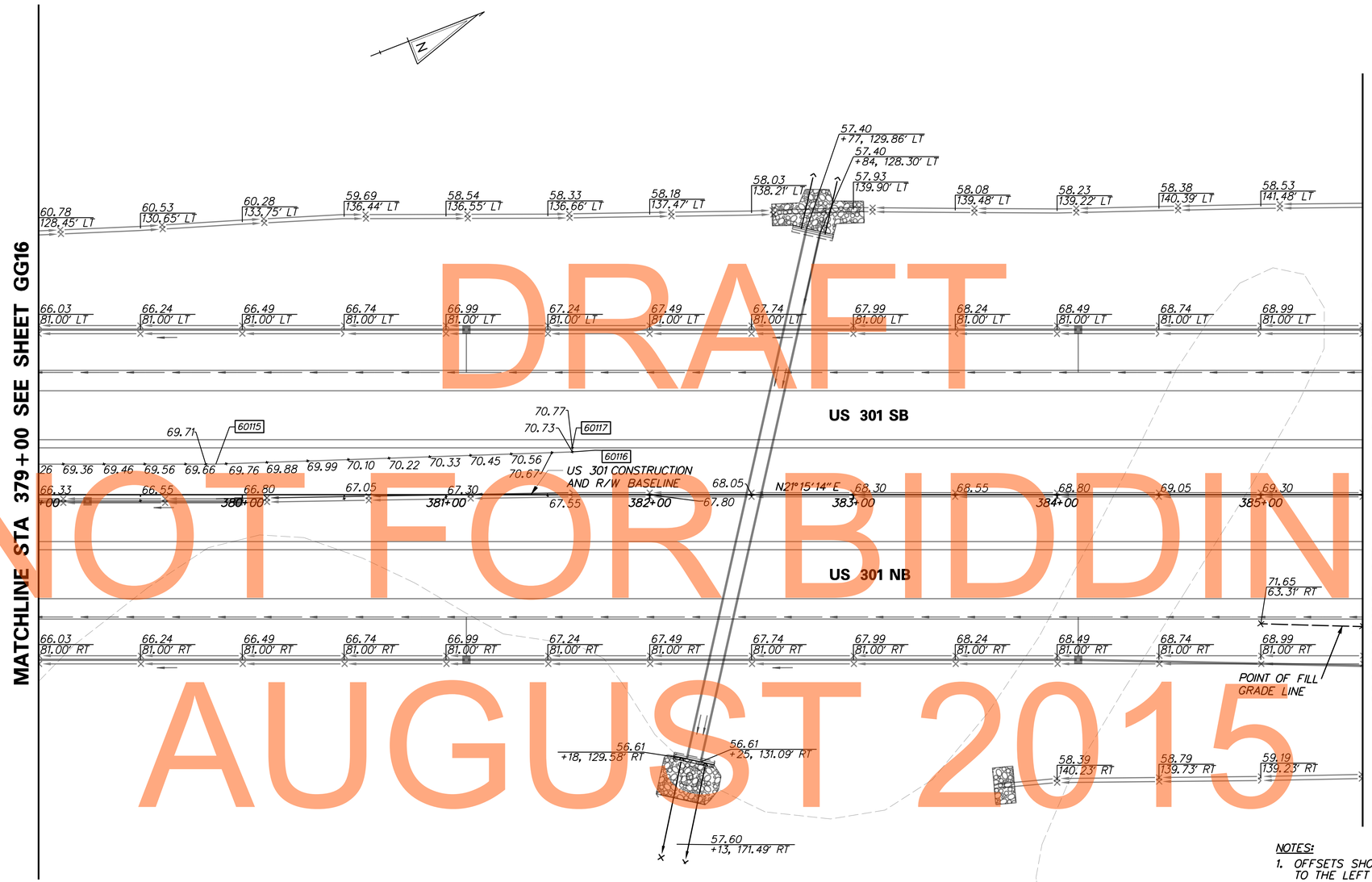
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60115	379+87.00	-15.00	533614.5125	565599.4600
60116	381+62.00	-21.00	533779.7848	565657.3055
60117	381+62.00	-23.00	533780.5098	565655.4415



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AUGUST 2015

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DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	GG-17
				COUNTY NEW CASTLE	DESIGNED BY: AM JW		SHEET NO. 204
					CHECKED BY: JF SF		TOTAL SHTS. 1256

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NOT FOR BIDDING
AUGUST 2015

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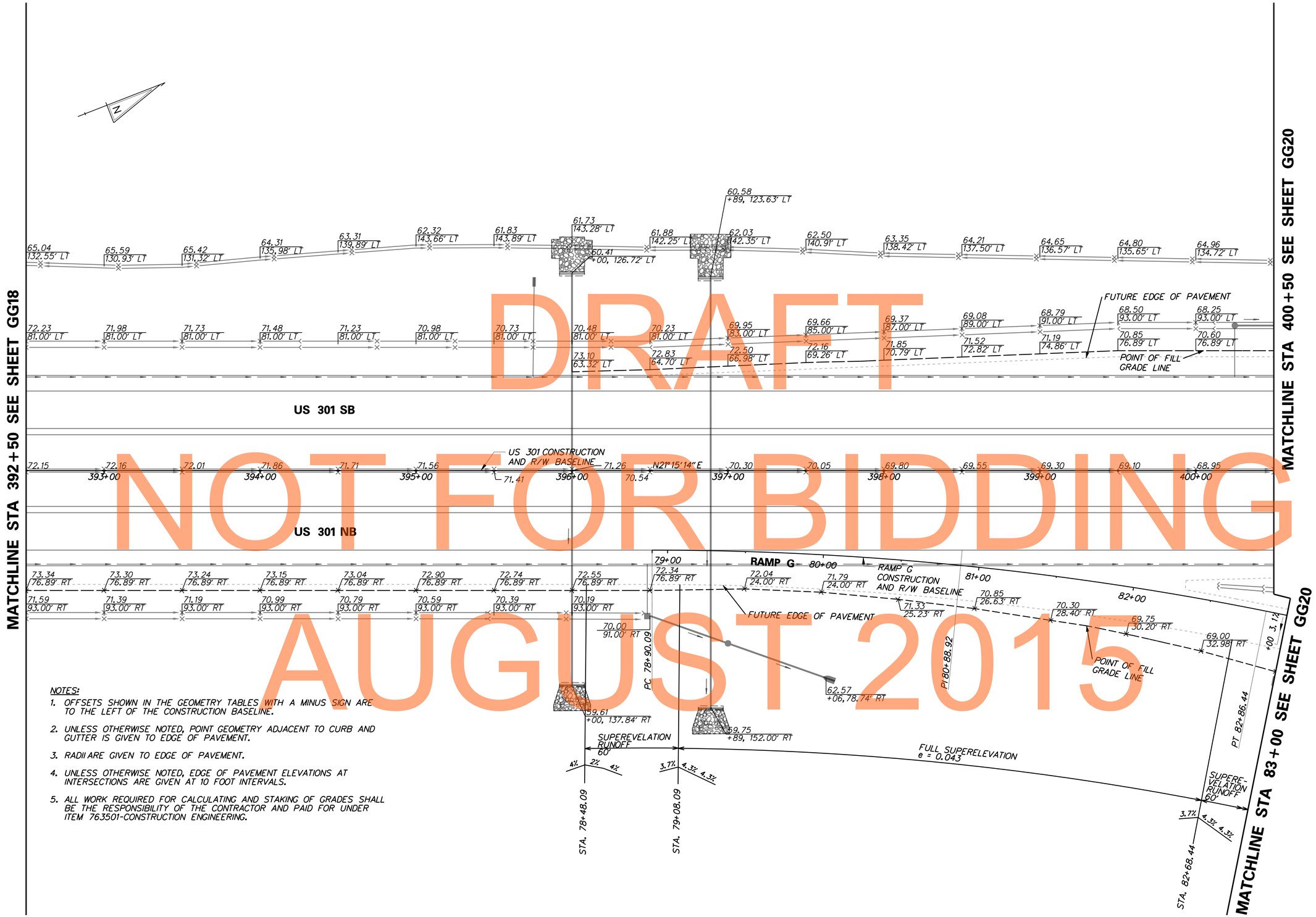
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	GG-18
				COUNTY NEW CASTLE	DESIGNED BY: AM JW		SHEET NO. 205
					CHECKED BY: JF SF		TOTAL SHTS. 1256



DRAFT
NOT FOR BIDDING
AUGUST 2015

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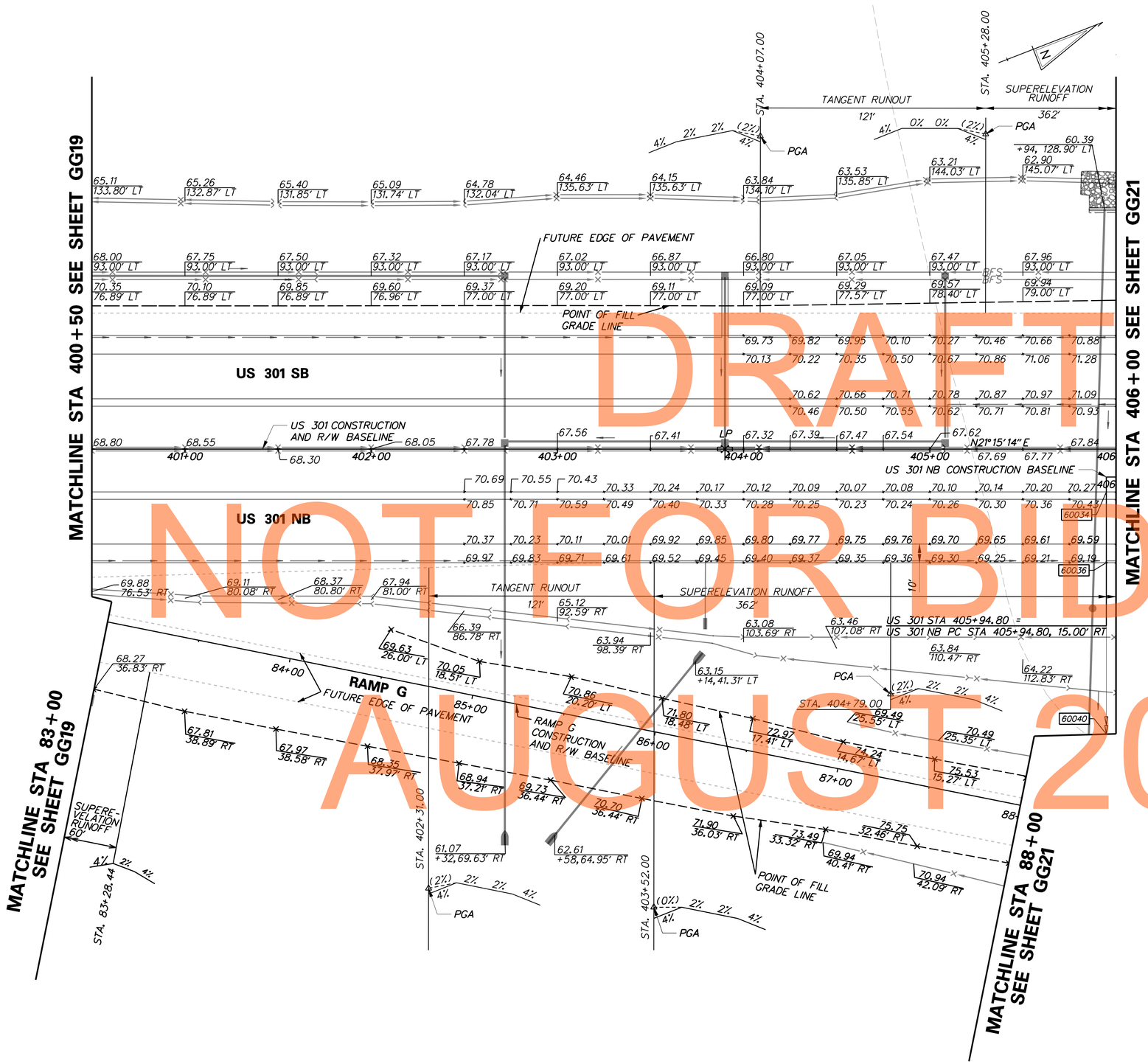
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	GG-19
				COUNTY NEW CASTLE	DESIGNED BY: AM JW		SHEET NO. 206
					CHECKED BY: JF SF		TOTAL SHTS. 1256

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60034	405+94.81	23.00	536031.1751	566580.2043
60036	405+94.80	61.00	536017.3908	566615.6161
60040	405+94.80	2715.00	535055.3181	569089.1019



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NOT FOR BIDDING
AUGUST 2015

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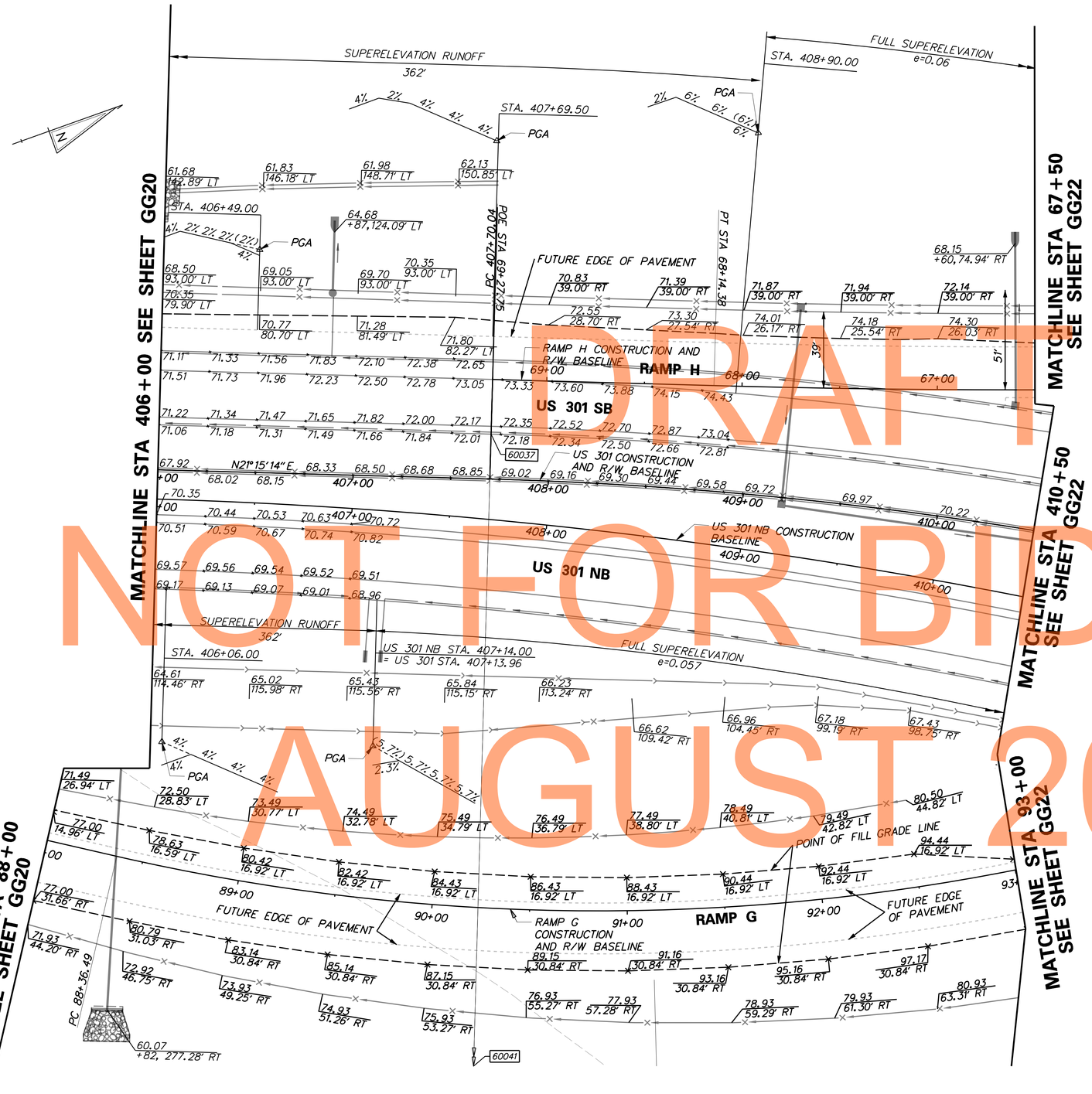

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60037	407+70.04	-23.00	536211.1616	566600.8538
60041	407+70.04	2100.00	535441.5759	568579.4560

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AUGUST 2015

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

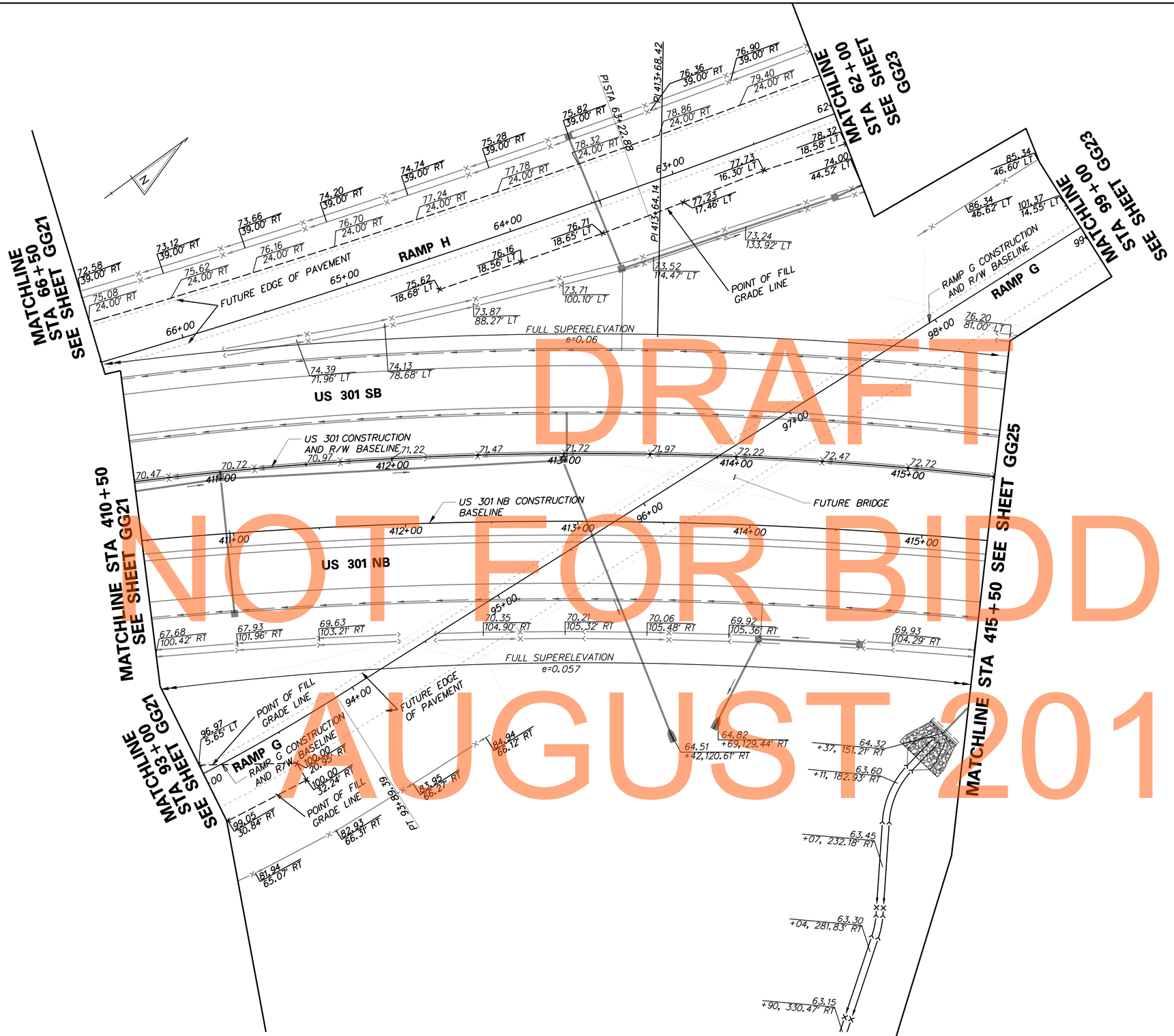
SCALE 0 30 60 90 FEET

US 301
LEVELS ROAD
TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.	
T200911303	DESIGNED BY: AM	JW
COUNTY	CHECKED BY: JF	SF
NEW CASTLE		

GRADES & GEOMETRICS

GG-21
SHEET NO.
208
TOTAL SHTS.
1256



DRAFT
NOT FOR BIDDING
AUGUST 2015

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DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	GG-22
				COUNTY NEW CASTLE	DESIGNED BY: AM JW		SHEET NO. 209
					CHECKED BY: JF SF		TOTAL SHTS. 1256

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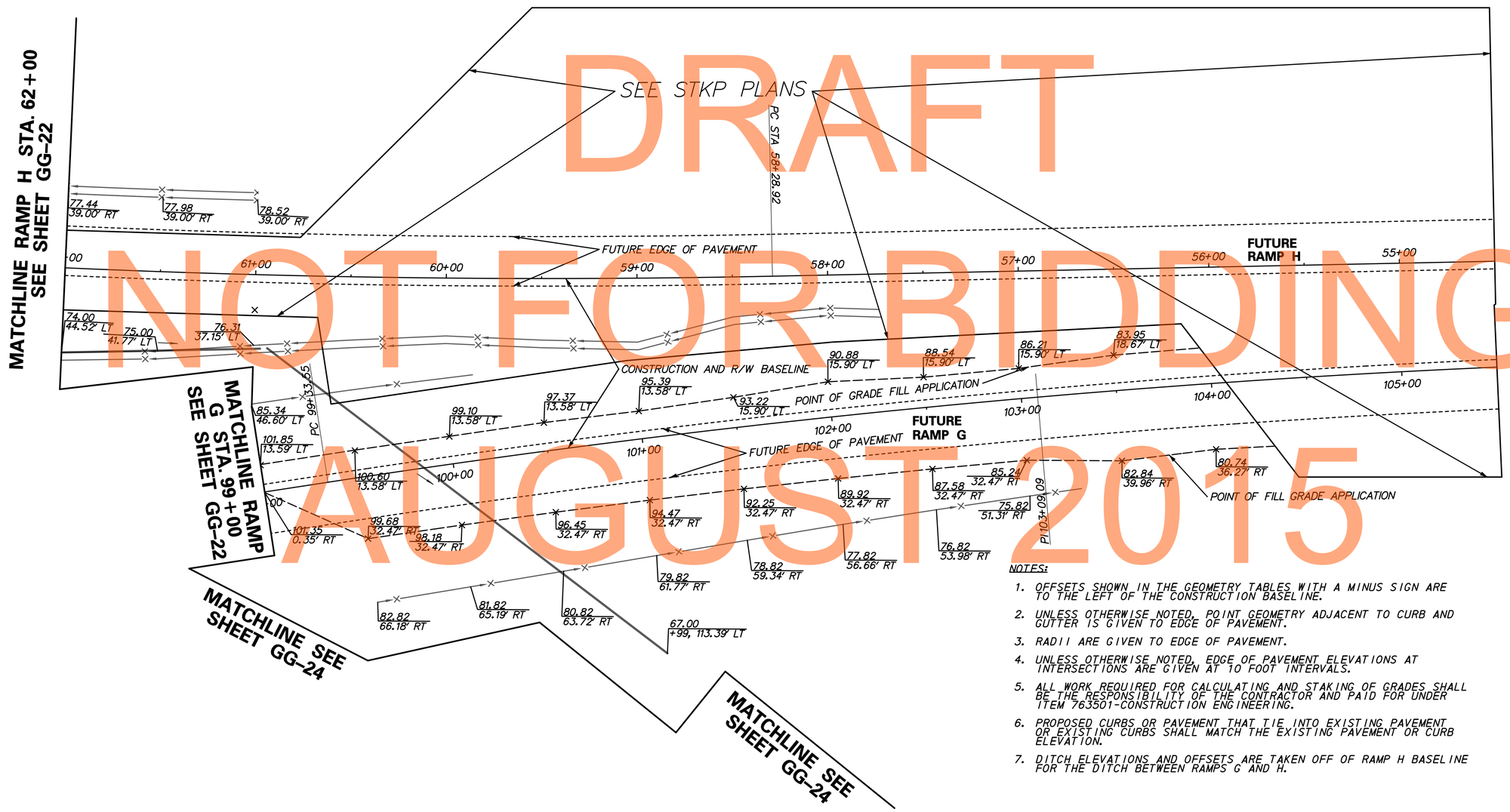

DRAFT
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6. PROPOSED CURBS OR PAVEMENT THAT TIE INTO EXISTING PAVEMENT OR EXISTING CURBS SHALL MATCH THE EXISTING PAVEMENT OR CURB ELEVATION.
7. DITCH ELEVATIONS AND OFFSETS ARE TAKEN OFF OF RAMP H BASELINE FOR THE DITCH BETWEEN RAMPS G AND H.

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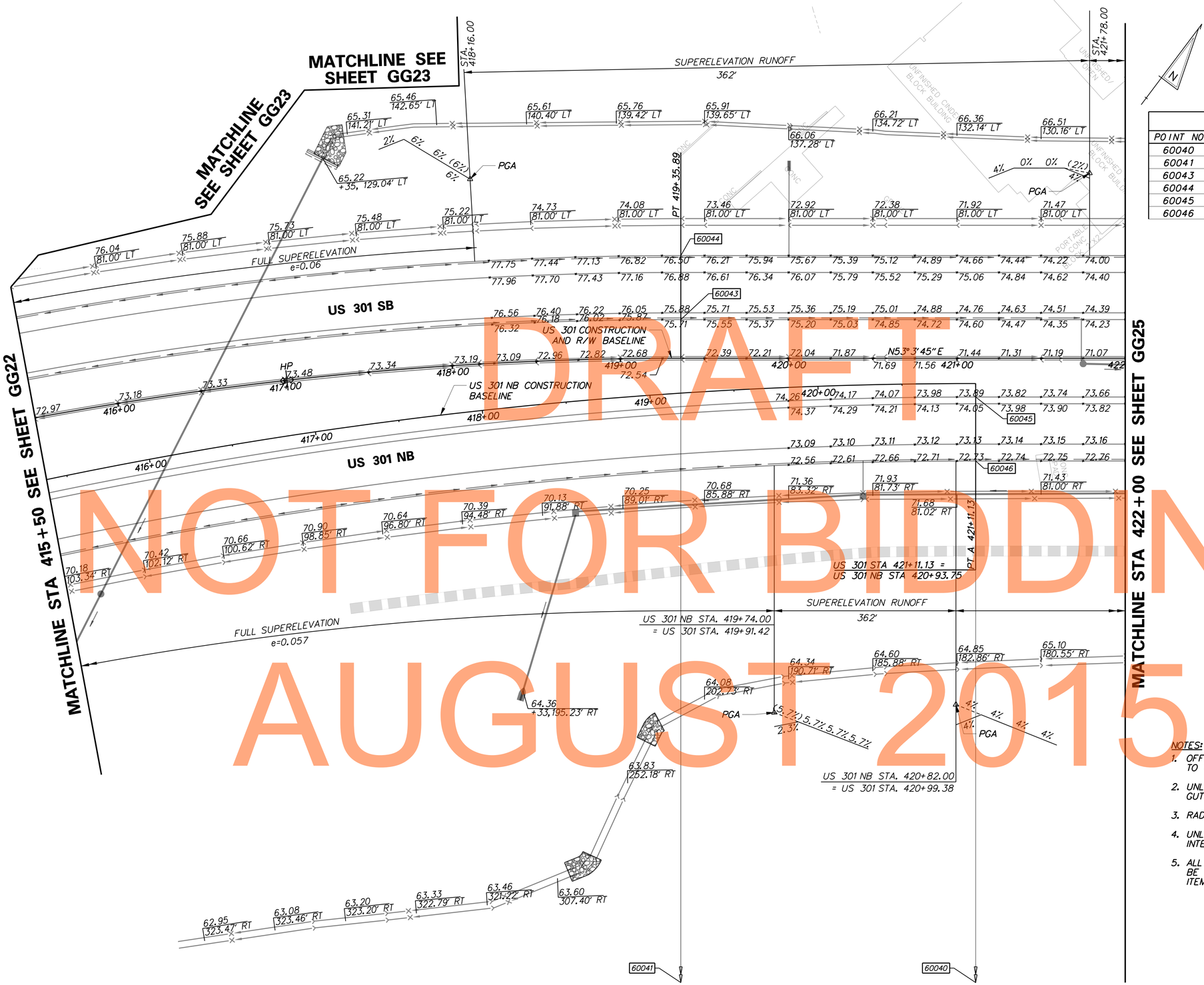
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	GG-23
				COUNTY NEW CASTLE	DESIGNED BY: JH		SHEET NO. 210
					CHECKED BY: MT		TOTAL SHTS. 1256



DRAFT
NOT FOR BIDDING
AUGUST 2015

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60040	405+94.80	2715.00	535055.3181	569089.1019
60041	407+70.04	2100.00	535441.5759	568579.4560
60043	419+35.89	-23.00	537138.4716	567303.6511
60044	419+35.89	-61.00	537168.8446	567280.8152
60045	421+11.13	23.00	537207.0135	567471.3624
60046	421+11.13	61.00	537176.6404	567494.1982

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301
LEVELS ROAD
TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.		
T200911303	DESIGNED BY: AM	JW	
COUNTY			
NEW CASTLE	CHECKED BY: JF	SF	

GRADES & GEOMETRICS

GG-24
SHEET NO.
211
TOTAL SHTS.
1256

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NOT FOR BIDDING
AUGUST 2015

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DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	GG-25
				COUNTY NEW CASTLE	DESIGNED BY: AM JW		SHEET NO. 212
					CHECKED BY: JF SF		TOTAL SHTS. 1256

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60047	430+45.13	23.00	537768.2947	568217.9007
60048	430+45.13	61.00	537737.9217	568240.7365
60049	430+45.13	-23.00	537805.0621	568190.2572
60050	430+45.13	-61.00	537835.4352	568167.4213
60051	430+45.13	-3300.00	540424.3387	566220.9631

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DRAFT
NOT FOR BIDDING
AUGUST 2015

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

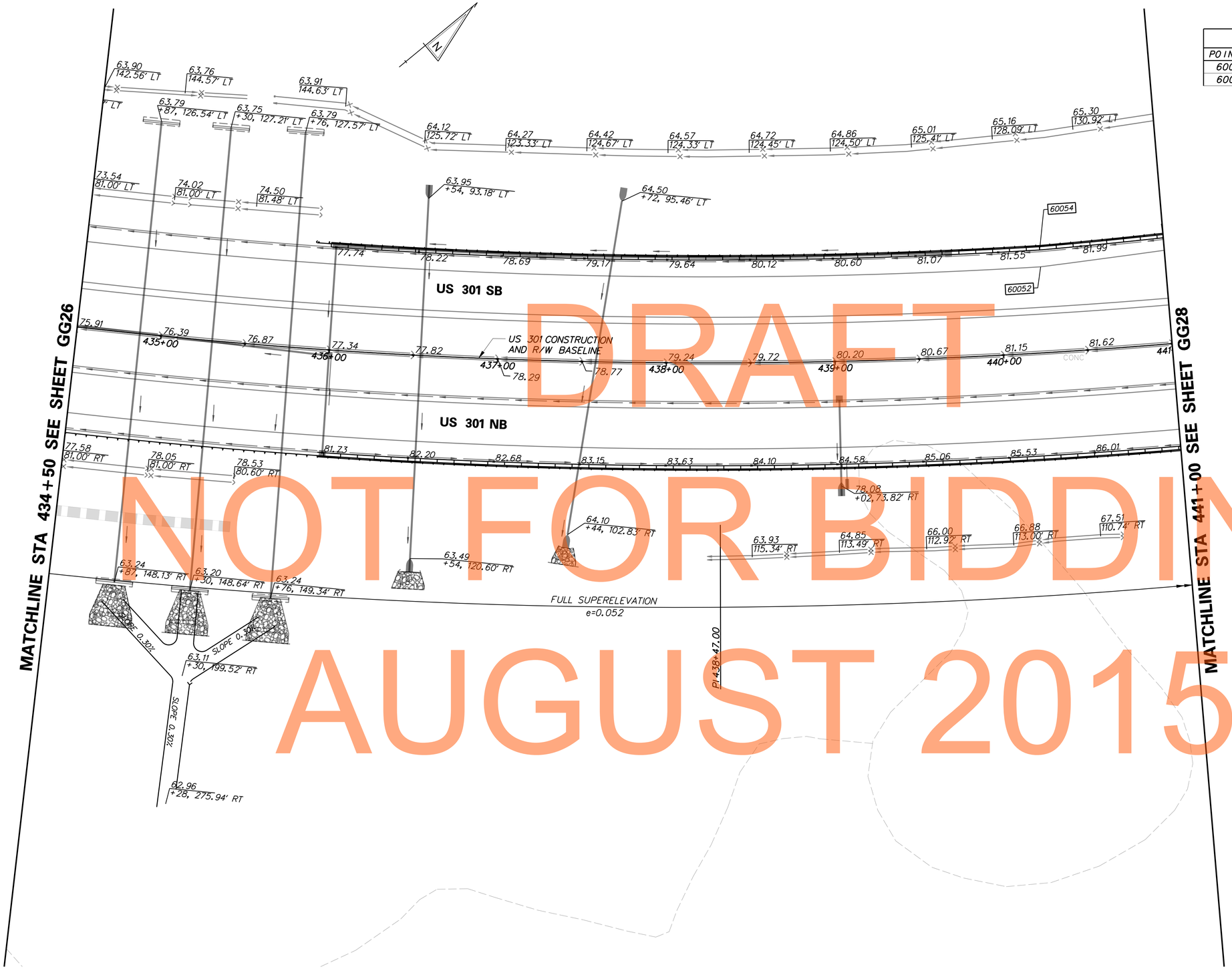
SCALE 0 30 60 90 FEET

US 301
LEVELS ROAD
TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.		
T200911303	DESIGNED BY: AM	JW	
COUNTY	CHECKED BY: JF	SF	
NEW CASTLE			

GRADES & GEOMETRICS

GG-26
SHEET NO.
213
TOTAL SHTS.
1256



DRAFT
NOT FOR BIDDING
AUGUST 2015

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
60052	440+25.00	-51.00	538512.3498	568847.8052
60054	440+25.00	-61.00	538518.2347	568839.7202

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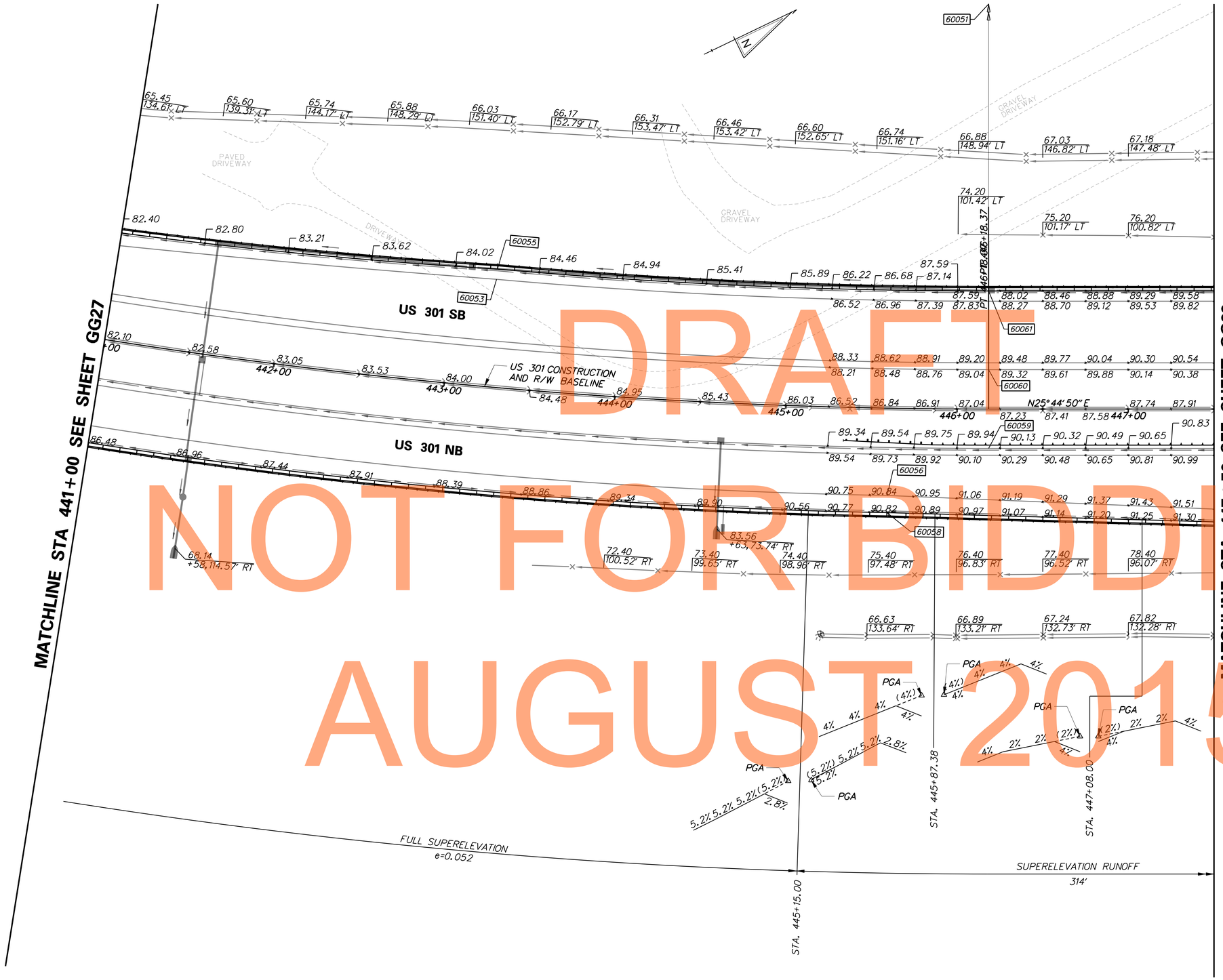
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	GG-27
				COUNTY NEW CASTLE	DESIGNED BY: AM JW		SHEET NO. 214
					CHECKED BY: JF SF		TOTAL SHTS. 1256



COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60051	430+45.13	-3300.00	540424.3387	566220.9631
60053	443+25.00	-63.00	538764.8721	569000.2327
60055	443+25.00	-69.00	538767.9480	568995.0812
60056	445+60.00	51.00	538915.4982	569213.0529
60058	445+60.10	61.00	538911.0869	569222.0269
60059	446+18.37	23.00	538980.8184	569214.0515
60060	446+18.37	-23.00	539000.8010	569172.6185
60061	446+18.37	-69.00	539020.7835	569131.1854

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DRAFT
NOT FOR BIDDING
AUGUST 2015

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

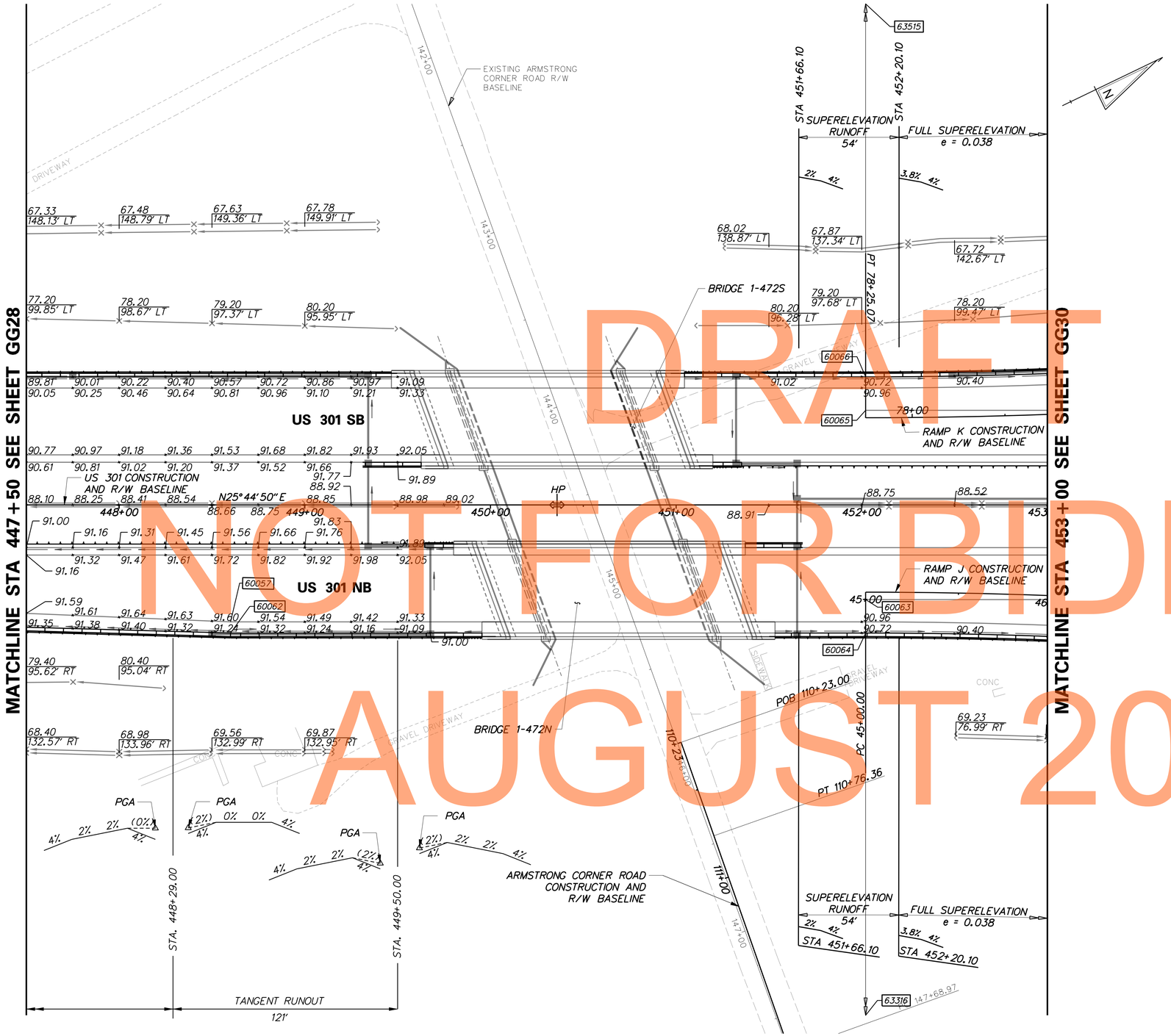
US 301
LEVELS ROAD
TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.		
T200911303	DESIGNED BY: AM	JW	
COUNTY			
NEW CASTLE	CHECKED BY: JF	SF	

GRADES & GEOMETRICS

GG-28
SHEET NO.
215
TOTAL SHTS.
1256

G:\60049040_US301\CIVIL\PLANS\2A\CP\GG-28.DGN



COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60057	448+60.00	63.00	539181.0832	569355.0448
60062	448+60.00	69.00	539178.4768	569360.4491
60063	452+02.10	51.00	539494.4321	569492.8449
60064	452+02.10	69.00	539486.6129	569509.0579
60065	452+02.10	-51.00	539538.7411	569400.9715
60066	452+02.10	-69.00	539546.5603	569384.7586
63316	51+36.54	2670.00	538336.3146	571894.1612
63515	73+14.46	2670.00	540696.8529	566999.6525

NOTES:

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NOT FOR BIDDING
AUGUST 2015

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.	
T200911303	DESIGNED BY: AM	JW
COUNTY	CHECKED BY: JF	SF
NEW CASTLE		

GRADES & GEOMETRICS

GG-29
SHEET NO.
216
TOTAL SHTS.
1256

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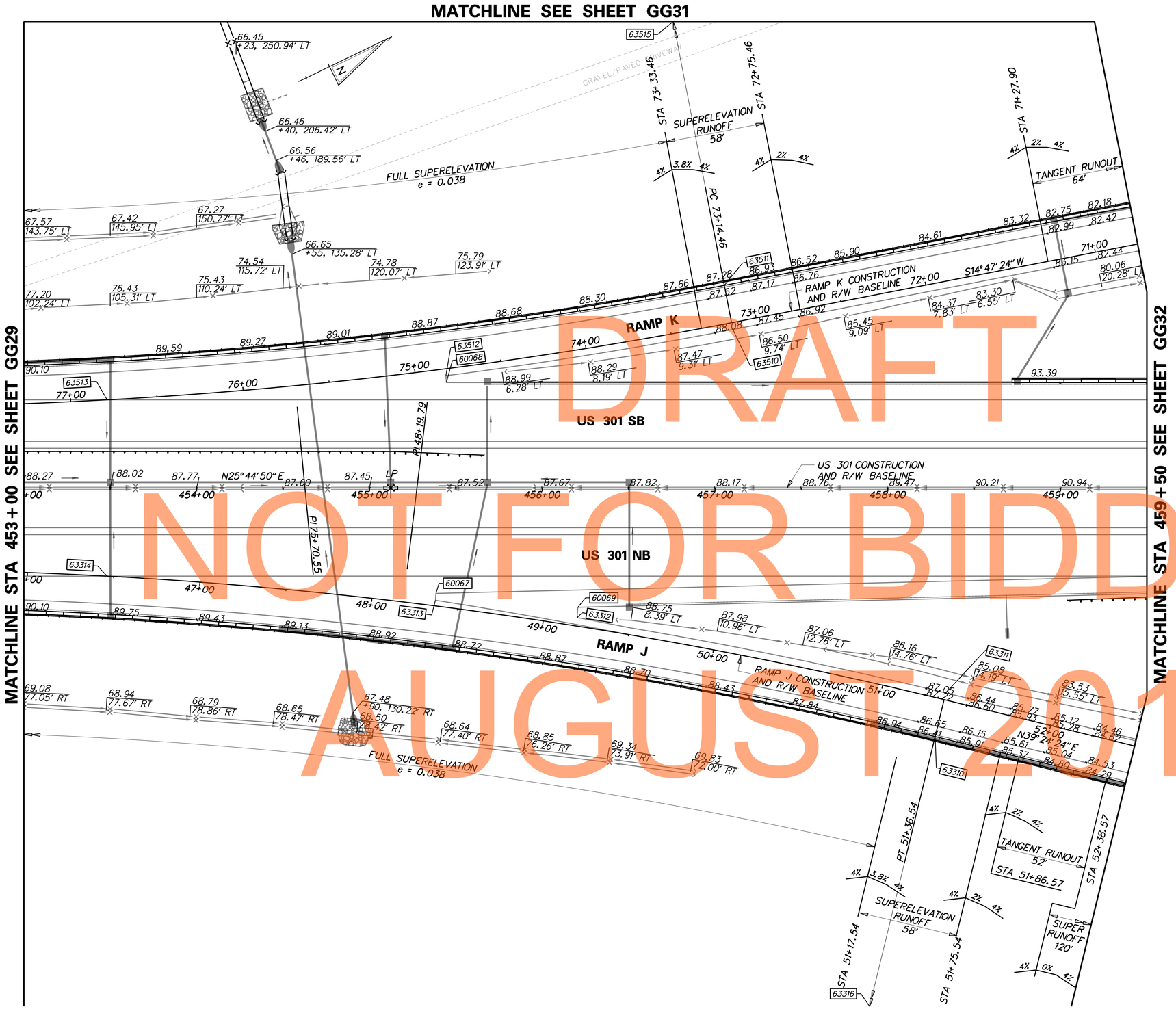

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
60067	455+38.52	61.00	539793.1081	569647.9935
60068	455+44.53	-61.00	539851.5184	569540.7165
60069	456+20.66	69.05	539863.5975	569690.9233
63310	51+36.54	22.00	540017.3229	569848.1614
63311	51+36.54	-4.00	540033.8283	569828.0723
63312	49+19.04	-4.88	539860.5803	569696.0715
63313	48+36.59	-3.24	539791.0993	569651.4391
63314	46+46.17	0.00	539626.0206	569556.3078
63316	51+36.54	2670.00	538336.3146	571894.1612
63510	73+14.46	-4.00	540014.2475	569585.0588
63511	73+14.46	22.00	540020.8846	569559.9203
63512	74+82.47	-4.00	539853.0177	569537.0170
63513	76+78.91	0.00	539670.3296	569464.4344
63515	73+14.46	2670.00	540696.8529	566999.6525

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

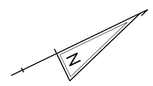
SCALE 0 30 60 90 FEET

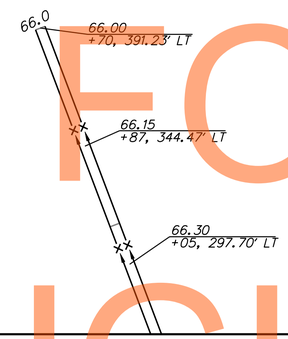
US 301
LEVELS ROAD
TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.	
T200911303	DESIGNED BY: AM	JW
COUNTY	CHECKED BY: JF	SF
NEW CASTLE		

GRADES & GEOMETRICS

GG-30
SHEET NO.
217
TOTAL SHTS.
1256





MATCHLINE SEE SHEET GG30

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AUGUST 2015

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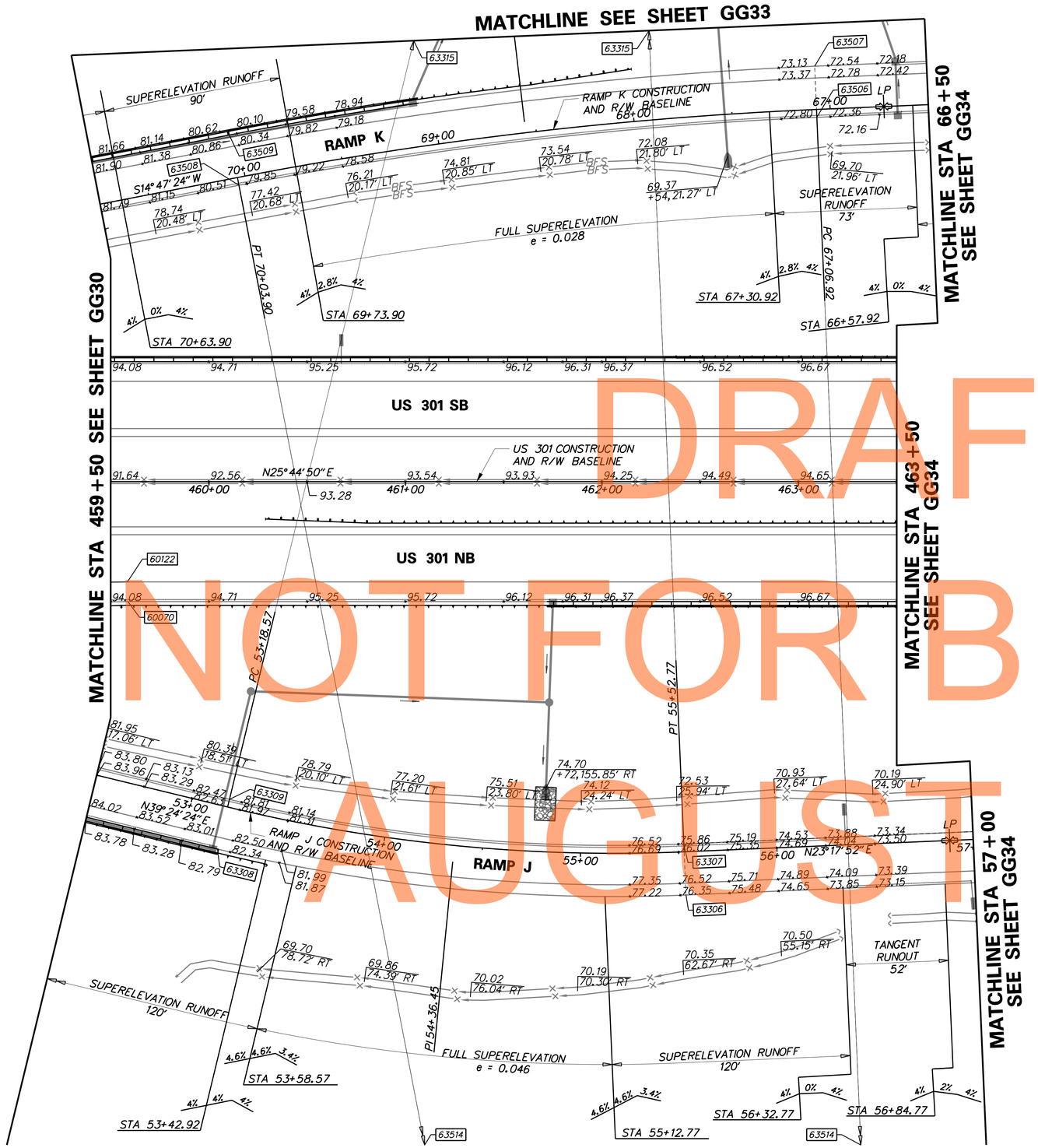

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60070	459+58.75	61.00	540171.6186	569830.5395
60122	459+58.52	51.00	540175.7542	569821.4350
63306	55+52.77	22.00	540362.5828	570088.3806
63307	55+52.77	-4.00	540372.8660	570064.5006
63308	53+18.57	22.00	540157.9709	569963.7188
63309	53+18.57	-4.00	540174.4763	569943.6297
63315	53+18.57	-833.00	540700.7436	569303.0958
63506	67+06.92	-4.00	540594.4275	569760.9570
63507	67+06.92	22.00	540604.7108	569737.0770
63508	70+03.90	-4.00	540314.5191	569664.3373
63509	70+03.90	22.00	540321.1563	569639.1987
63514	67+06.92	-2000.00	539804.9902	571594.2068

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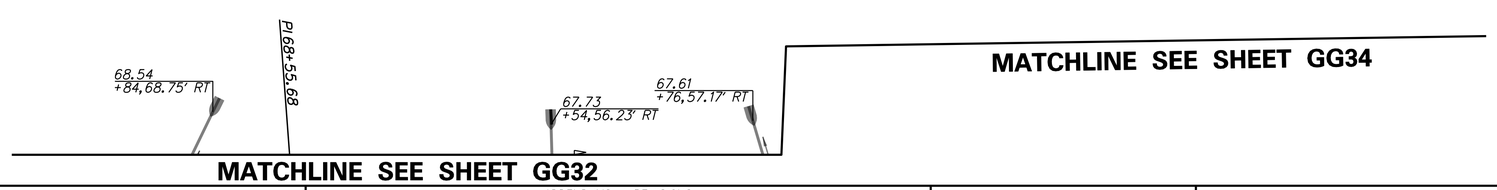

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	GG-33
				COUNTY NEW CASTLE	DESIGNED BY: AM JW		SHEET NO. 220
					CHECKED BY: JF SF		TOTAL SHTS. 1256

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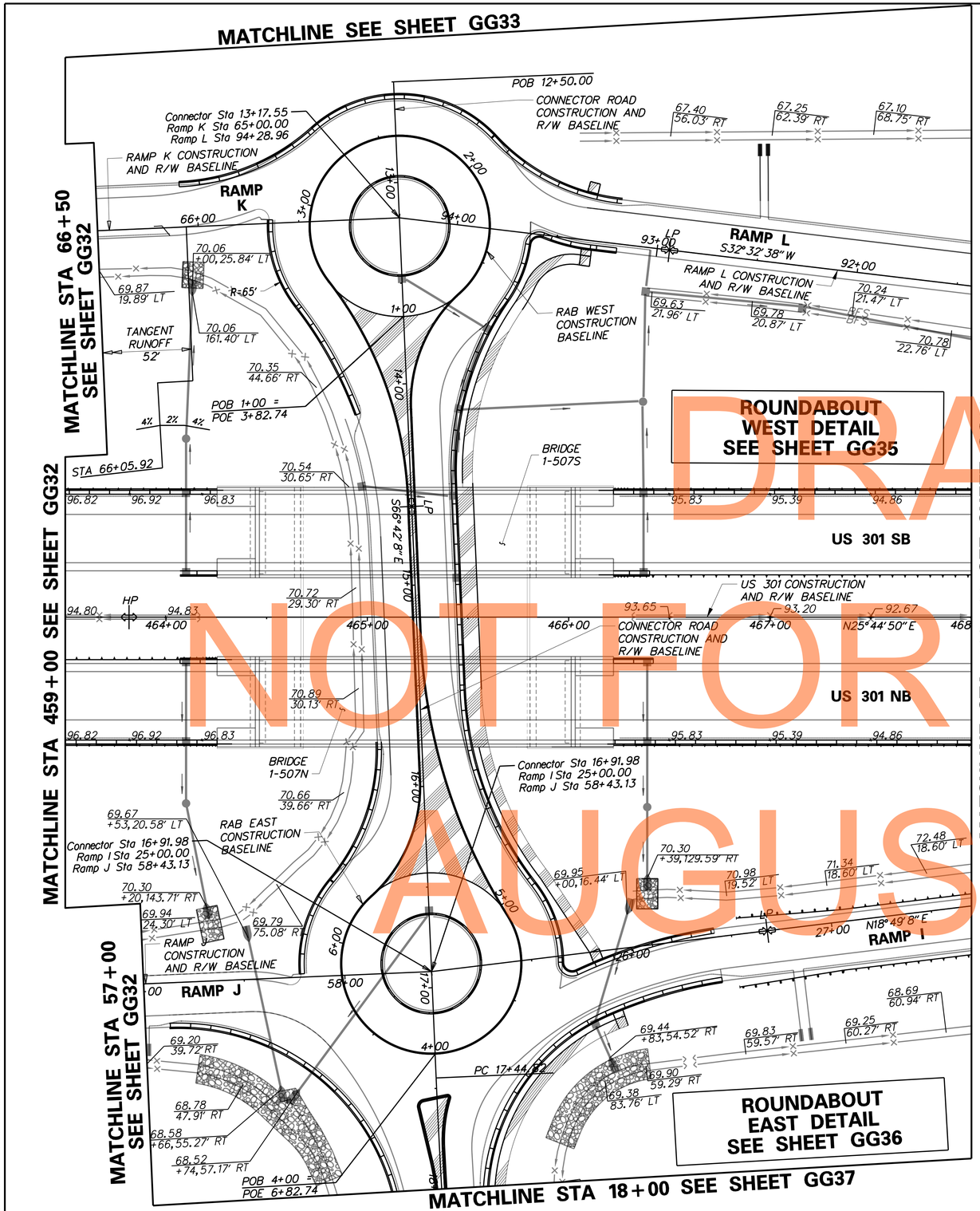

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AUGUST 2015

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				COUNTY NEW CASTLE	DESIGNED BY: AM JW		SHEET NO. 221
					CHECKED BY: JF SF		TOTAL SHTS. 1256

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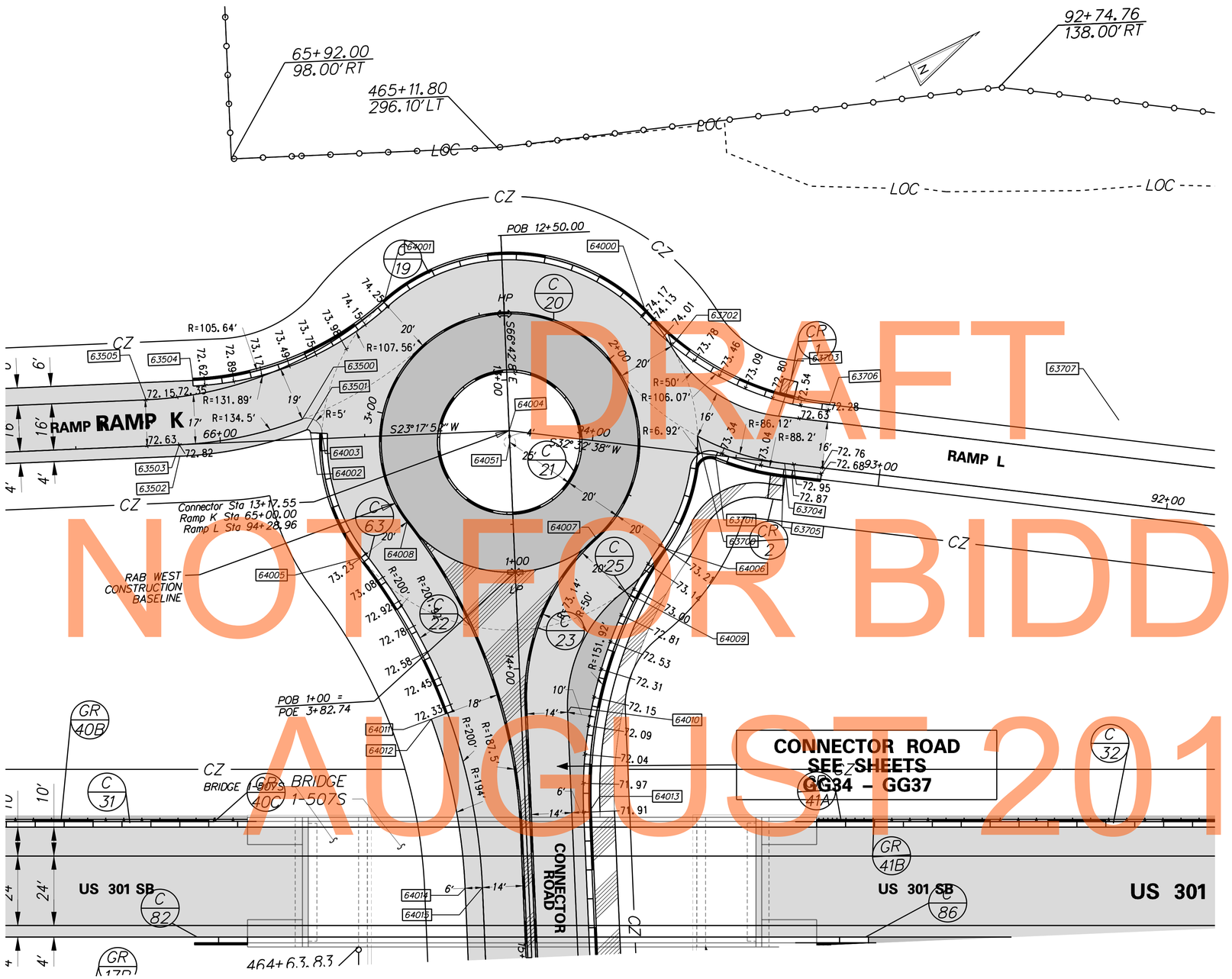

ROUNDABOUT WEST DETAIL

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
	RAMP K			
63500	65+71.31	7.02	540723.3323	569804.4725
63501	65+70.04	3.22	540723.0039	569808.4590
63502	66+14.18	-4.00	540679.5989	569797.6337
63503	66+14.18	0.00	540681.1810	569793.9599
63504	66+08.58	22.00	540695.0325	569775.9715
63505	66+25.28	16.00	540677.3175	569774.8757
	RAMP L			
63700	93+64.05	5.78	540843.8829	569869.1654
63701	93+57.01	-0.75	540846.3063	569878.4618
63702	93+76.73	35.59	540849.2333	569837.2214
63703	93+37.04	16.00	540872.1518	569875.0833
63704	93+33.03	0.00	540866.9238	569890.7274
63705	93+33.03	-4.00	540864.772	569894.0993
63706	93+20.00	22.00	540889.7408	569879.1955
63707	93+20.00	34.50	540980.7655	569922.4492
	CONNECTOR			
64000	12+78.89	-49.04	540846.3856	569823.0011
64001	12+71.41	41.36	540766.3184	569780.3813
64002	13+15.37	68.72	540723.8010	569809.9319
64003	13+15.72	64.74	540727.3182	569811.8370
64004	13+17.55	0.00	540786.0547	569839.1208
64005	13+59.21	52.98	540720.9180	569856.4260
64006	13+60.55	-52.00	540816.8078	569899.1811
64007	13+56.28	-28.62	540797.0260	569886.0082
64008	13+47.64	36.67	540740.4767	569852.2476
64009	13+74.78	-37.30	540797.6824	569906.4382
64010	14+15.73	-16.00	540761.9211	569935.6186
64011	14+14.26	25.47	540724.4123	569917.8717
64012	14+16.09	31.19	540718.4409	569917.2866
64013	14+50.55	-22.00	540753.6580	569969.9774
64014	14+75.07	22.00	540703.5470	569975.0975
64015	14+75.07	16.00	540709.0578	569977.4705
64051	13+21.55	0.00	540784.4726	569842.7946

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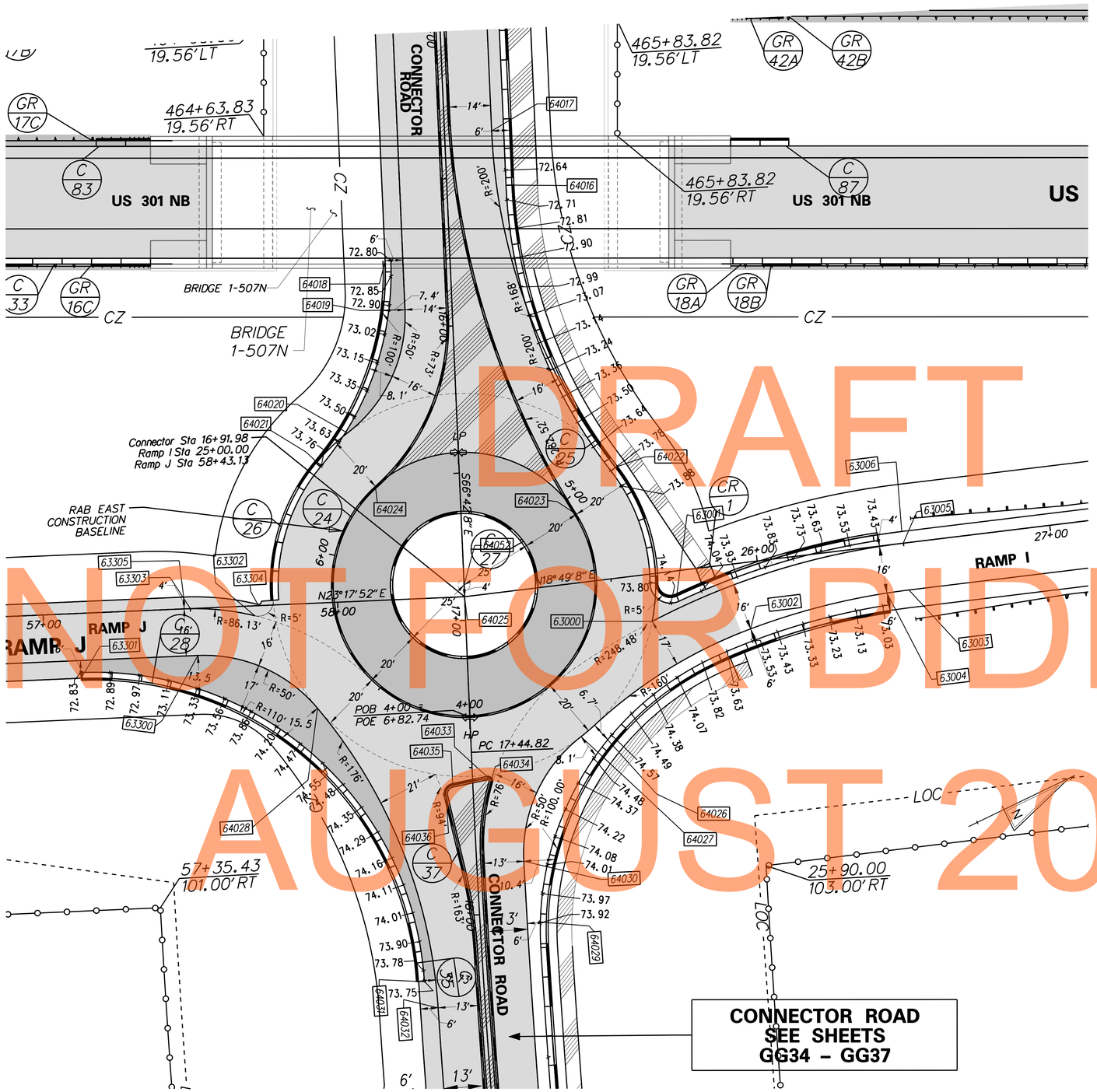

ROUNDABOUT EAST DETAIL

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
	RAMP I			
63000	25+62.16	16.02	540691.6308	570218.2304
63001	25+71.44	8.51	540702.8385	570214.1167
63002	25+92.71	23.25	540720.6047	570235.0317
63003	26+49.93	16.00	540774.7160	570246.5213
63004	26+42.52	16.12	540767.6729	570244.2456
63005	26+49.93	0.00	540779.8772	570231.3767
63006	26+49.92	-4.00	540781.1660	570227.5900
	RAMP J			
63300	57+51.89	16.00	540547.8369	570161.6224
63301	57+11.93	22.00	540508.7661	570151.3303
63302	57+71.79	3.38	540571.1051	570157.9065
63303	57+50.00	0.00	540552.4297	570146.1797
63304	57+72.90	-0.46	540573.6446	570154.8161
63305	57+47.88	-4.00	540552.0678	570141.6688
	CONNECTOR			
64016	15+53.11	-22.00	540713.0961	570064.1714
64017	15+34.45	-16.00	540714.9637	570044.6641
64018	15+76.89	22.00	540663.2796	570068.6074
64019	15+93.80	16.00	540662.1007	570086.5154
64020	16+34.75	37.30	540626.3390	570115.6965
64021	16+44.21	48.06	540612.7156	570120.1372
64022	16+50.32	-52.98	540703.1034	570165.7087
64023	16+65.69	-39.09	540684.2690	570174.3292
64024	16+53.25	28.62	540626.9955	570136.1265
64025	16+91.98	0.00	540637.9668	570183.0139
64026	17+37.45	-42.16	540658.6984	570241.4552
64027	17+41.13	-37.41	540652.8849	570242.9572
64028	17+27.65	51.49	540576.5671	570195.4131
64029	18+03.93	-22.00	540614.4545	570294.4038
64030	17+82.68	-16.00	540617.0241	570272.5802
64031	18+21.30	22.00	540567.1526	570293.8088
64032	18+30.62	16.00	540569.1965	570304.7384
64033	17+53.78	-5.16	540618.2731	570241.8168
64034	17+55.11	-6.18	540618.6892	570243.4376
64035	17+55.72	6.80	540606.5192	570238.8921
64036	17+59.23	9.27	540602.8645	570241.1604
64052	16+87.98	0.00	540639.5488	570179.3400

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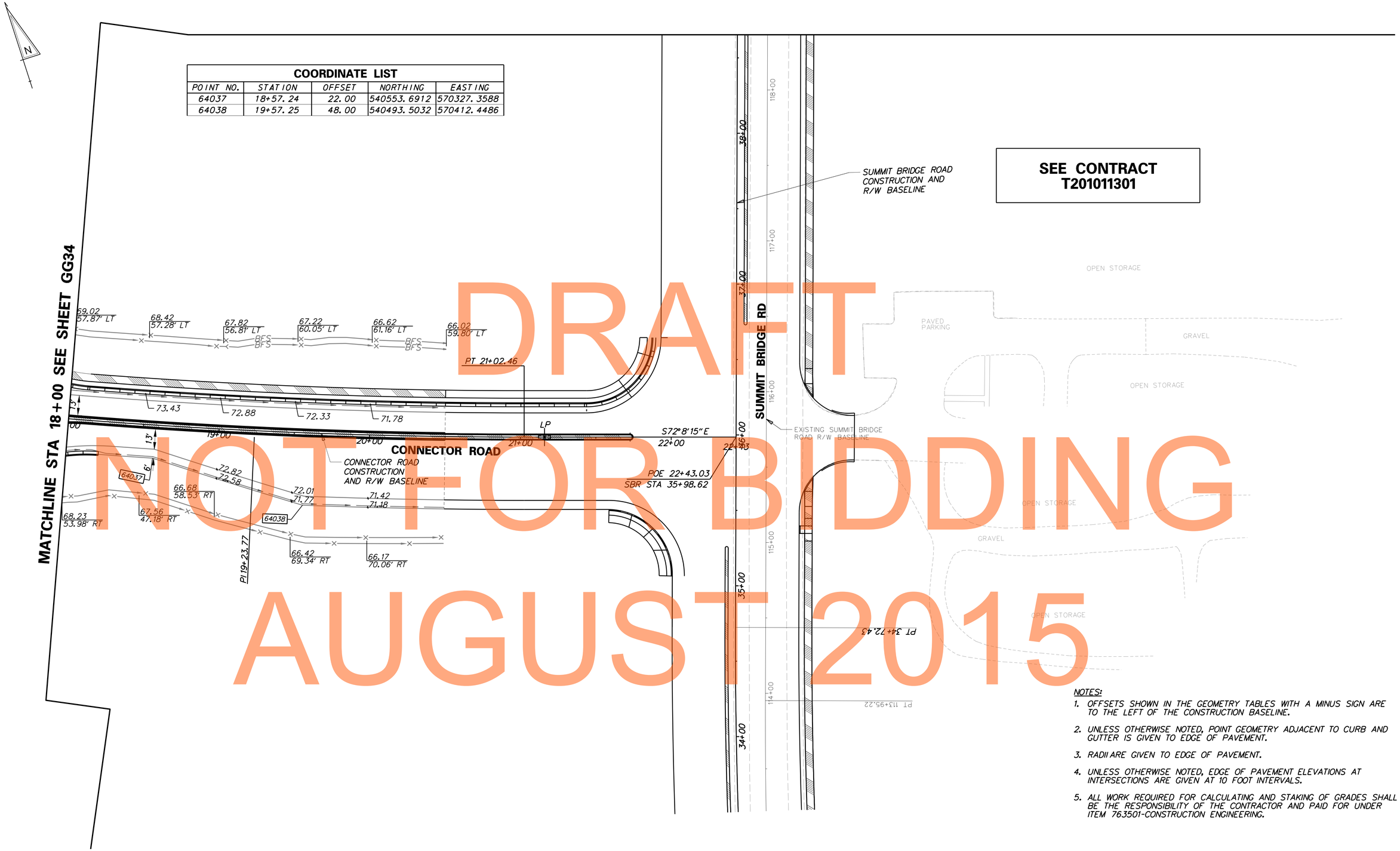
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
64037	18+57.24	22.00	540553.6912	570327.3588
64038	19+57.25	48.00	540493.5032	570412.4486



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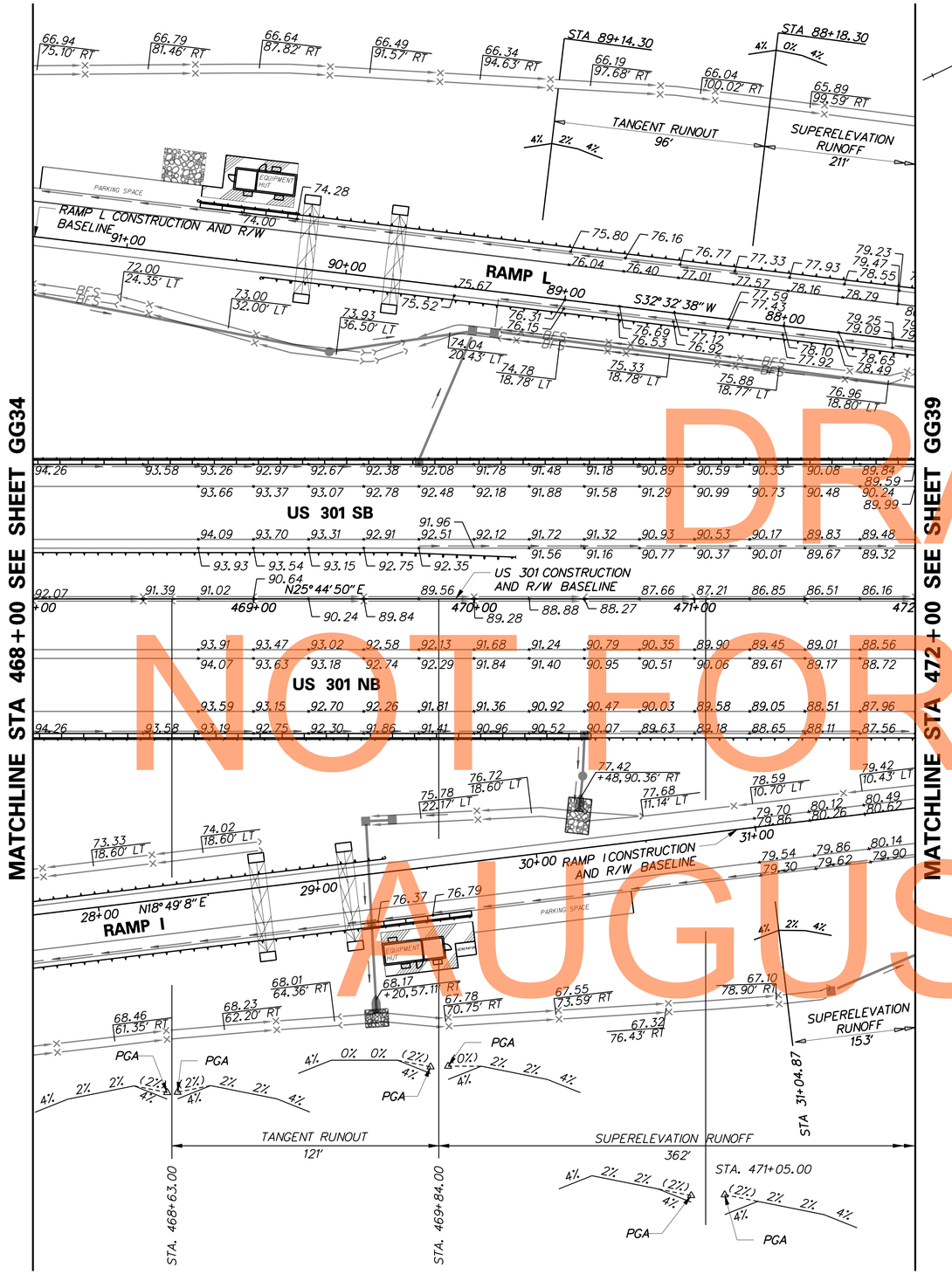

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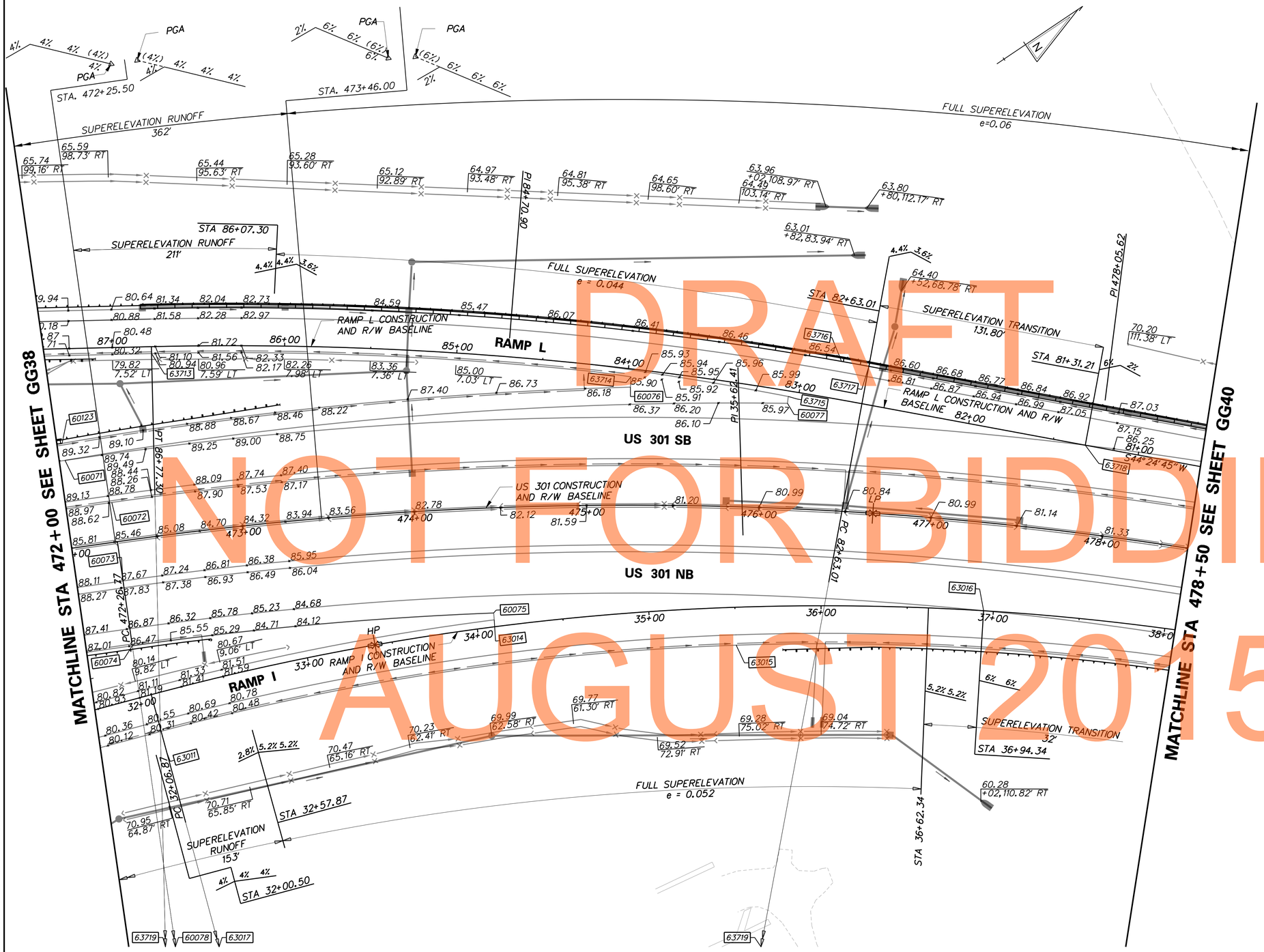
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	GG-38
				COUNTY NEW CASTLE	DESIGNED BY: AM JW		SHEET NO. 225
					CHECKED BY: JF SF		TOTAL SHTS. 1256



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AUGUST 2015

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
60071	472+03.36	-51.00	541341.3146	570270.3221
60072	472+26.77	-23.00	541350.2372	570305.7116
60073	472+26.77	23.00	541330.2547	570347.1446
60074	472+26.77	61.00	541313.7474	570381.3719
60075	474+43.65	61.00	541498.3800	570482.4625
60076	475+25.38	-68.48	541637.2910	570417.9210
60077	476+13.97	-61.00	541707.7062	570476.5319
60078	472+26.77	2103.00	540426.6975	572220.6399
60123	472+03.07	-61.00	541345.3974	570261.1889
63011	32+06.87	34.50	541295.9223	570443.6922
63012	32+06.87	-4.00	541308.3416	570407.2503
63014	34+10.38	-4.00	541496.4377	570485.9549
63015	35+50.26	21.99	541604.9913	570576.5478
63016	36+94.47	0.01	541735.1480	570639.9323
63017	32+06.87	1500.00	540823.1818	571830.8499
63713	86+77.30	-4.00	541417.5415	570246.8491
63714	83+97.98	-4.61	541640.9137	570413.1656
63715	83+05.86	-3.24	541710.2974	570473.4994
63716	82+78.95	22.00	541747.2726	570473.8442
63717	82+63.01	22.00	541758.8347	570485.0803
63718	81+31.50	0.00	541837.3741	570592.824
63719	86+77.30	-2000.00	540343.7996	571929.4347

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301
LEVELS ROAD
TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.	
T200911303	DESIGNED BY: AM	JW
COUNTY		
NEW CASTLE	CHECKED BY: JF	SF

GRADES & GEOMETRICS

GG-39
SHEET NO.
226
TOTAL SHTS.
1256

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60078	472+26.77	2103.00	540426.6975	572220.6399
60079	479+11.86	-51.00	541934.1056	570681.9921
60080	479+11.86	-69.00	541946.7023	570669.1343
60081	479+51.33	51.00	541889.9801	570782.0614
60082	479+51.33	69.00	541877.1443	570794.6805
60083	483+56.49	23.00	542161.7059	571073.4059
60084	483+56.49	69.00	542123.3355	571098.7774
60085	483+56.49	-23.00	542200.0763	571048.0344
60086	483+56.49	-69.00	542238.4467	571022.6628
63017	32+06.87	1500.00	540823.1818	571830.8499

NOTES:

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3. RADII ARE GIVEN TO EDGE OF PAVEMENT.
4. UNLESS OTHERWISE NOTED, EDGE OF PAVEMENT ELEVATIONS AT INTERSECTIONS ARE GIVEN AT 10 FOOT INTERVALS.
5. ALL WORK REQUIRED FOR CALCULATING AND STAKING OF GRADES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND PAID FOR UNDER ITEM 763501-CONSTRUCTION ENGINEERING.

DRAFT
NOT FOR BIDDING
AUGUST 2015

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

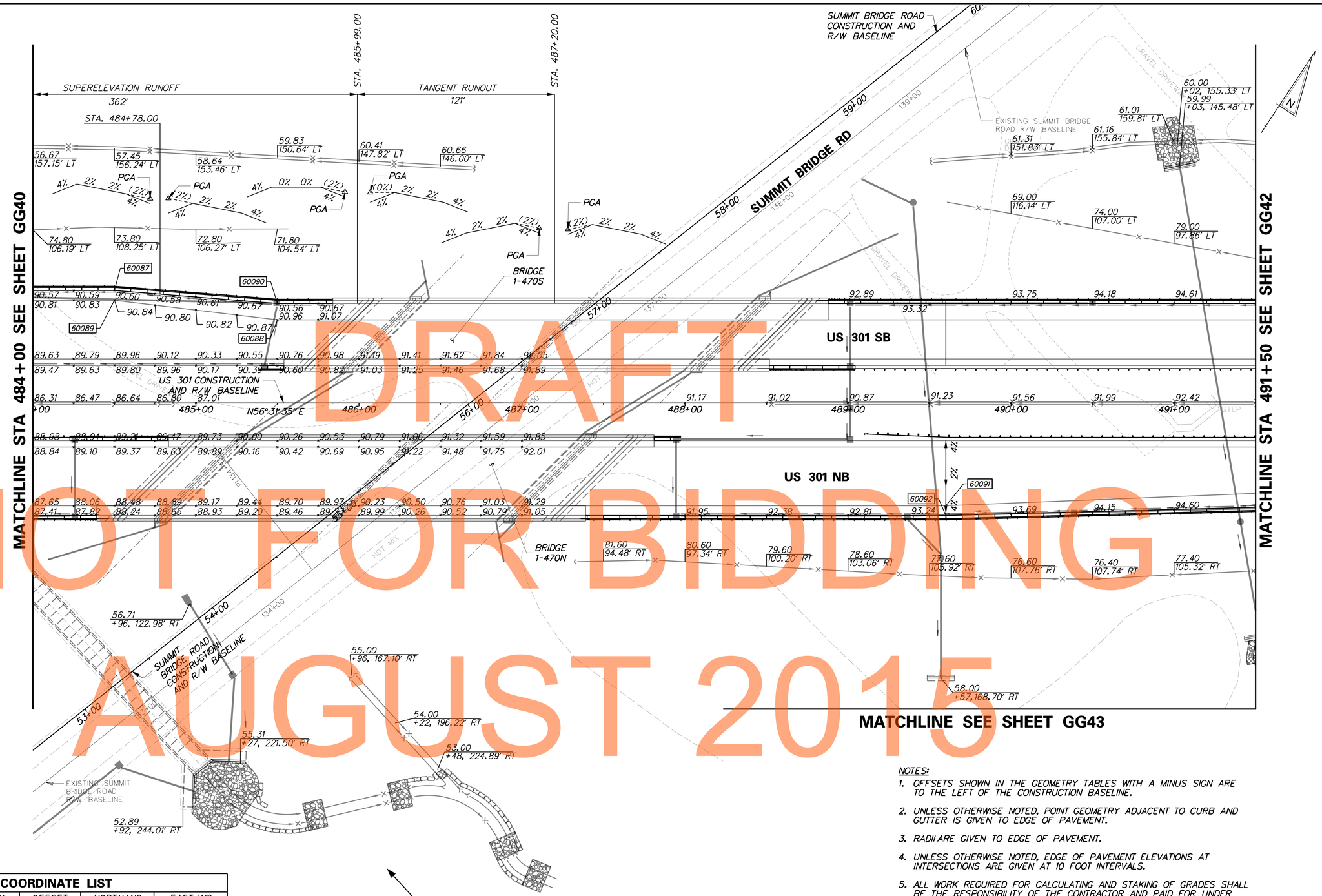
SCALE 0 30 60 90 FEET

US 301
LEVELS ROAD
TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.		
T200911303	DESIGNED BY: AM	JW	
COUNTY			
NEW CASTLE	CHECKED BY: JF	SF	

GRADES & GEOMETRICS

GG-40
SHEET NO.
227
TOTAL SHTS.
1256



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AUGUST 2015

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COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
60087	484+50.00	-69.00	542290.0225	571100.6634
60088	485+50.00	-51.00	542330.1632	571194.0053
60089	484+50.00	-63.00	542285.0176	571103.9727
60090	485+50.00	-61.00	542338.5046	571188.4898
60091	489+60.00	63.00	542461.2080	571598.8798
60092	489+60.00	69.00	542456.2031	571602.1891

SEE SHEETS 859–860 FOR ADDITIONAL INFORMATION

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.	GRADES & GEOMETRICS	GG-41
T200911303	DESIGNED BY: AM		SHEET NO. 228
COUNTY NEW CASTLE	CHECKED BY: JF		TOTAL SHTS. 1256

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COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60093	492+60.00	51.00	542636.6835	571842.5031
60094	492+60.00	61.00	542628.3421	571848.0186

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COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60093	492+60.00	51.00	542636.6835	571842.5031
60094	492+60.00	61.00	542628.3421	571848.0186

MATCHLINE SEE SHEETS GG41 AND GG42

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AUGUST 2015

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COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61535	11+84.7197	15.0000	530903.0300	564045.0734
61536	13+12.4326	-15.0000	530841.5379	564160.9219
61537	13+71.0000	-15.0000	530805.6926	564206.5989
61538	13+84.7066	15.0000	530773.4775	564199.5247
61539	13+91.0000	-16.0000	530794.5649	564223.1028
61540	15+44.2439	-16.0000	530702.9486	564345.9447
61575	11+81.2857	72.7117	530863.4576	564002.9183
61576	11+81.1306	78.7158	530859.2048	563998.6770
61577	12+00.0000	60.6689	530858.9884	564025.3342
61578	12+00.0000	66.5322	530854.6837	564021.3532
61579	12+50.0000	30.2452	530847.3274	564083.8220
61580	12+50.0000	36.0100	530842.9849	564080.0303
61581	12+73.7185	16.6667	530841.9296	564110.8954
61582	12+75.0000	21.6667	530837.2794	564108.6472

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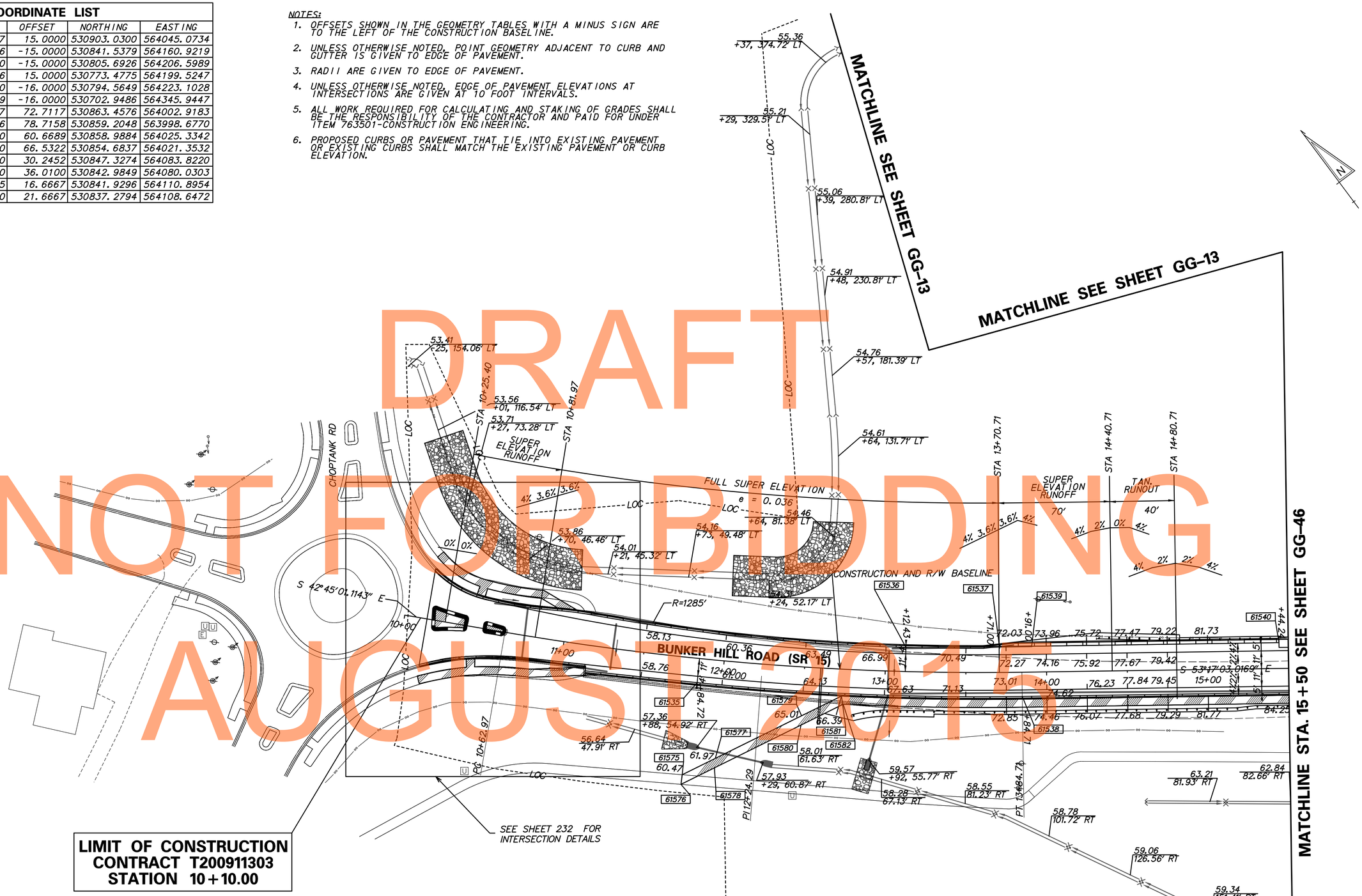

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NOT FOR BIDDING
AUGUST 2016

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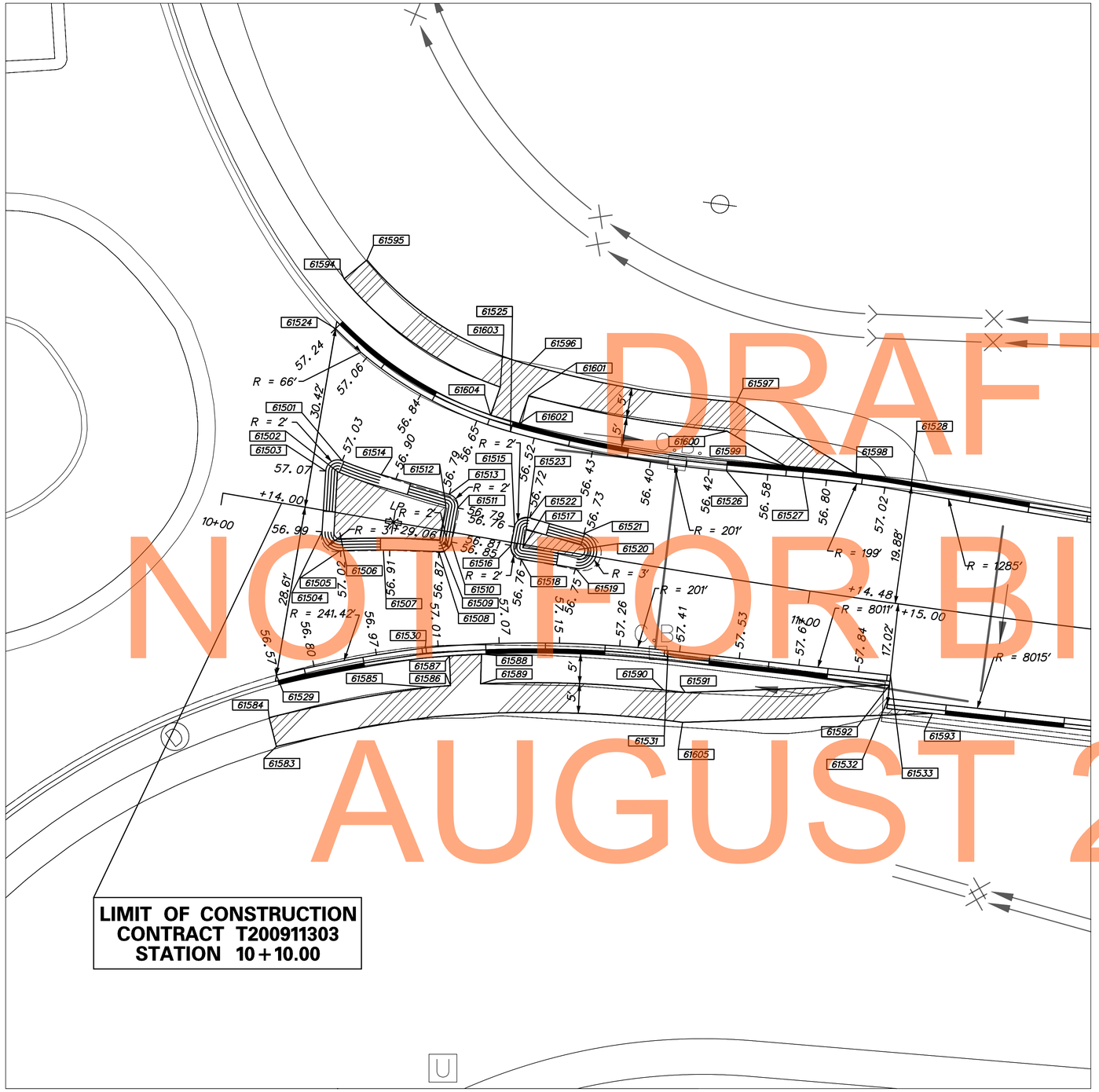
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD	CONTRACT T200911303	BRIDGE NO.	GRADES & GEOMETRICS	GG-44 SHEET NO. 231
				COUNTY NEW CASTLE	DESIGNED BY: JH		TOTAL SHTS. 1256
					CHECKED BY: MT		



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NOT FOR BIDDING
AUGUST 20

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
61501	10+18.8400	-8.7307	531038.7423	563946.1228
61502	10+18.3881	-6.7824	531037.7516	563944.3854
61503	10+16.3999	-6.5653	531039.0642	563942.8764
61504	10+17.5085	3.5883	531031.3578	563936.1729
61505	10+21.1005	6.2001	531026.9473	563936.6932
61506	10+20.4908	3.2627	531029.3889	563938.4364
61507	10+28.1750	4.8787	531022.6493	563942.4658
61508	10+37.4134	3.5887	531016.7411	563949.6842
61509	10+37.1877	1.6014	531018.2557	531018.2557
61510	10+39.1879	1.6341	531016.7648	563952.3240
61511	10+39.2830	-4.1752	531020.6384	563956.6544
61512	10+37.2832	-4.2079	531022.1290	563955.3210
61513	10+37.5108	-6.1949	531023.3107	563956.9346
61514	10+25.6794	-7.5498	531032.9184	563949.8983
61515	10+49.2592	-2.6401	531012.2706	563962.2991
61516	10+49.2074	-0.5265	531010.1591	563959.9386
61517	10+51.2071	0.5592	531008.6685	563961.2720
61518	10+51.2783	2.5580	531007.2595	563959.8526
61519	10+60.5377	2.4668	531000.5220	563966.2049
61520	10+60.5883	-0.7461	531002.6658	563968.5985
61521	10+60.9266	-3.5134	531004.2958	563970.8602
61522	10+51.4865	-4.5944	531011.9617	563965.2460
61523	10+51.2589	-2.6074	531010.7800	563963.6325
61524	10+14.0000	-30.4209	531057.0198	563958.7649
61525	10+45.8860	-18.2951	531025.3743	563971.5051
61526	10+82.9911	-17.8103	530998.0252	563996.2808
61527	10+95.9446	-18.6668	530989.3360	564005.7436
61528	11+14.4424	-18.8816	530976.3517	564018.6400
61529	10+14.0000	28.6145	531016.9463	563915.4141
61530	10+37.8750	19.9047	531005.3267	563938.0164
61531	10+78.0638	13.5541	530980.0849	563970.0875
61532	11+15.4961	16.0802	530951.1156	563994.4207
61533	11+15.3735	12.0791	530954.0066	563997.1895
61583	10+16.0141	40.4553	531007.4298	563908.0863
61584	10+14.0000	35.8789	531012.0152	563910.0797
61585	10+39.7193	26.3122	530999.6230	563934.5632
61586	10+43.1416	25.4397	530997.7022	563937.5269
61587	10+42.1137	20.5436	531001.7804	563940.4244
61588	10+47.3751	19.3323	530998.7392	563944.8854
61589	10+48.0681	24.2983	530994.8593	563941.7092
61590	10+78.3770	20.2133	530975.2919	563965.4538
61591	10+82.0000	20.0426	530972.7426	563968.0919
61592	11+15.4246	13.7450	530952.8029	563996.0367
61593	11+23.1567	17.4596	530944.6399	563998.8685
61594	10+14.0000	-38.8962	531062.7729	563964.9884
61595	10+17.2533	-42.6930	531062.9612	563969.9849
61596	10+47.0739	-29.9011	531032.3802	563980.8339
61597	10+82.7994	-29.4937	531006.1905	564004.6394
61598	11+04.8413	-20.6713	530984.3974	564013.2942
61599	10+92.8062	-20.1383	530992.5949	564004.6588
61600	10+82.0000	-24.4250	531003.2807	564000.4151
61601	10+47.8654	-24.7984	531028.3353	563977.6242
61602	10+47.0940	-19.8495	531025.5424	563973.4665
61603	10+42.9449	-25.4106	531032.3640	563974.7336
61604	10+42.1300	-20.4774	531029.6138	563970.5580
61605	10+82.3378	25.0709	530969.0403	563970.5580

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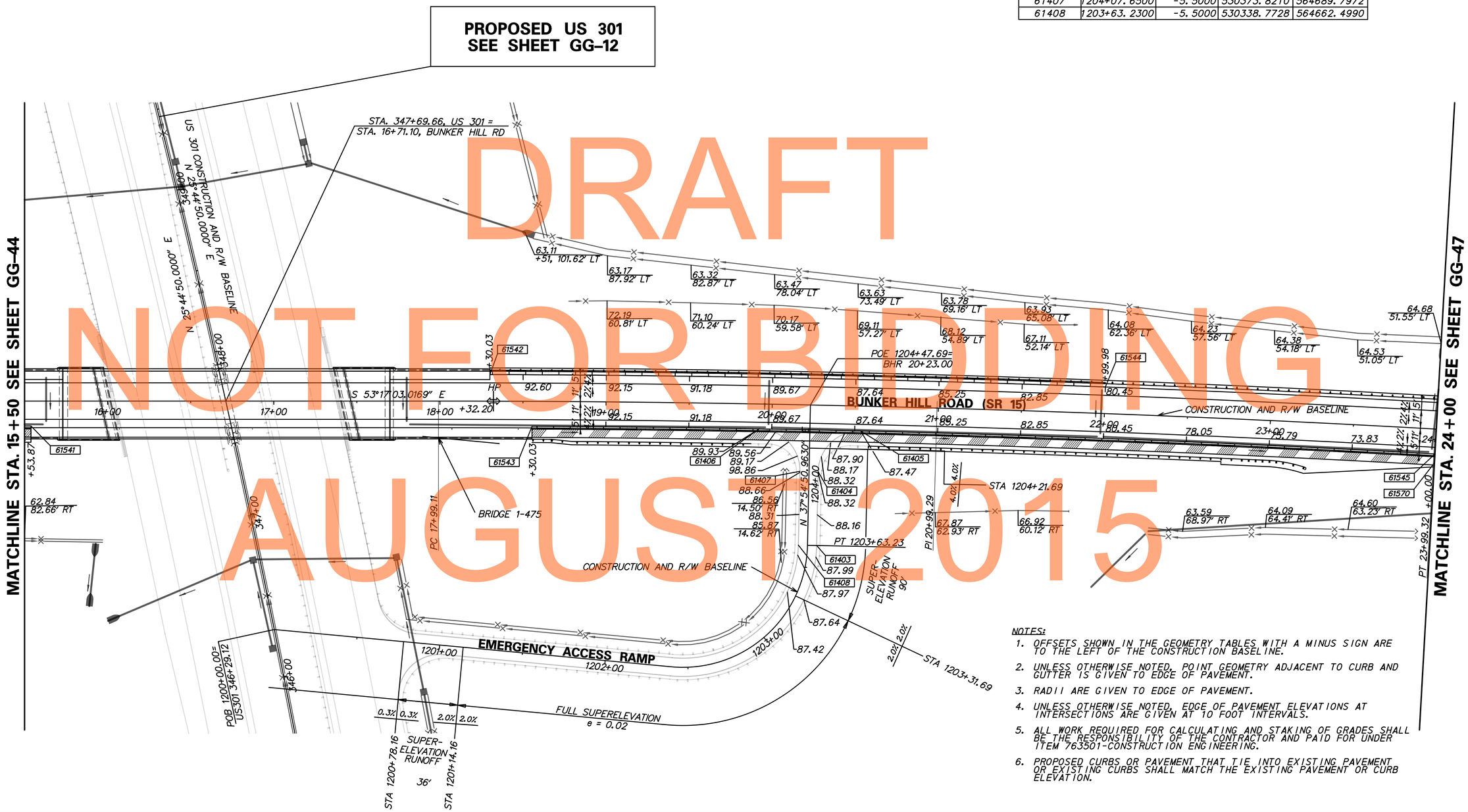
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61541	15+53.8656	15.0000	530672.3464	564335.1243
61542	18+30.0300	-16.0000	530532.0289	564575.0441
61543	18+55.5441	15.0000	530491.9172	564576.8006
61544	21+99.9788	-16.0000	530304.5926	564867.5003
61545	24+00.0000	15.0000	530153.6825	565002.4021
61570	23+99.1103	21.6667	530149.1409	564997.4413
61403	1203+63.2300	5.5000	530332.0135	564671.1772
61404	1204+07.6500	5.5000	530367.0617	564698.4755
60405	1204+32.6500	30.5700	530371.3790	564733.6171
61406	1204+32.6500	-30.5700	530408.9502	564685.3794
61407	1204+07.6500	-5.5000	530373.8210	564689.7972
61408	1203+63.2300	-5.5000	530338.7728	564662.4990



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301
LEVELS ROAD
TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.	
T200911303	DESIGNED BY:	JH
COUNTY		
NEW CASTLE	CHECKED BY:	MT

GRADES & GEOMETRICS

GG-46
SHEET NO.
233
TOTAL SHTS.
1256

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61546	26+07.3515	-16.0000	530044.3706	565181.3059
61547	26+07.3515	16.0000	530019.8315	565160.7674
61550	27+15.3244	-37.5193	529992.4342	565277.9894
61551	27+44.8995	-38.4379	529974.5933	565301.4232
61555	28+71.9056	-36.4186	529894.2714	565399.0746
61556	28+98.6874	-36.4621	529877.8955	565420.8955
61558	31+95.3704	-16.0000	529684.1516	565644.4613
61559	31+94.4963	16.0000	529658.7166	595625.0236
61569	24+00.0000	16.6667	530152.4044	565001.3324
61571	24+50.0000	35.0335	530106.2284	565027.8865
61572	24+50.0000	40.3602	530102.1437	565024.4677
61573	24+97.5456	52.4987	530062.3191	565053.1370
61574	24+98.9550	58.3431	530056.9327	565050.4667

DRAFT
NOT FOR BIDDING
AUGUST 2015

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

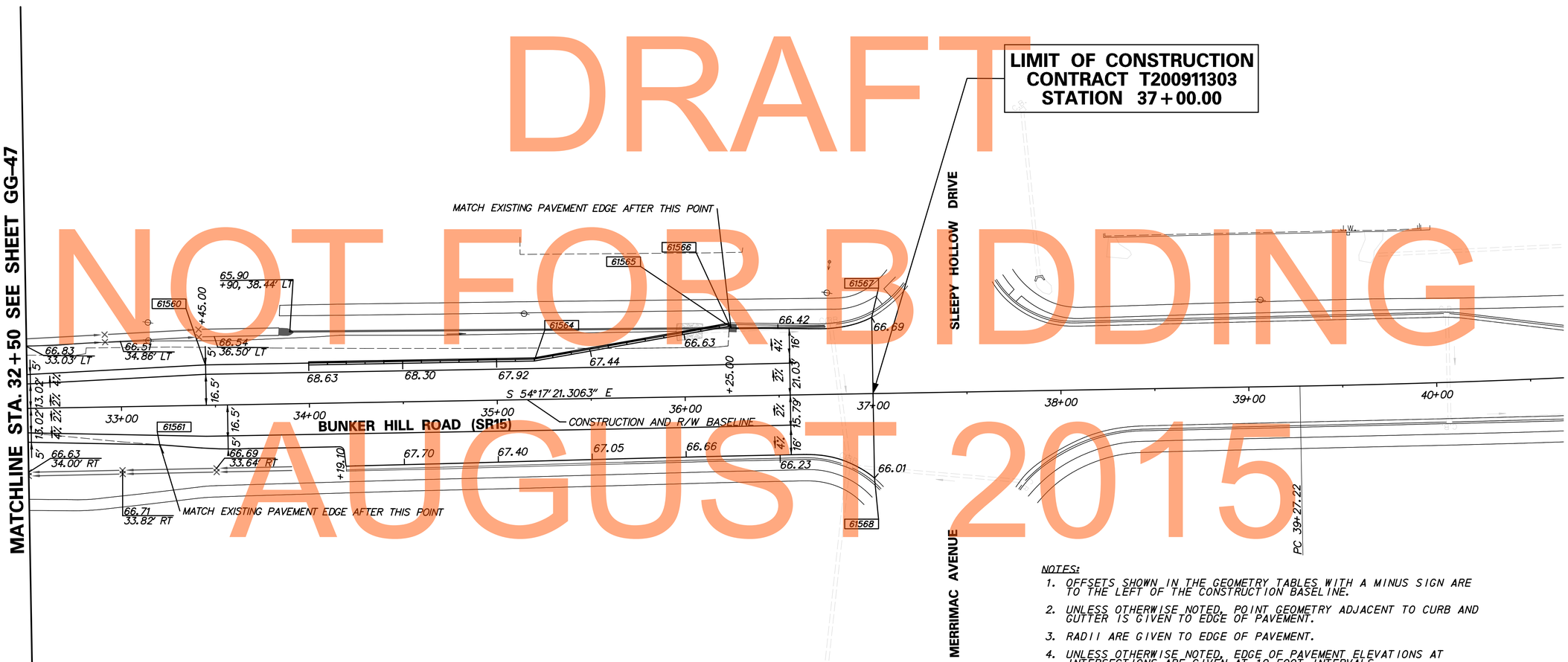
US 301
LEVELS ROAD
TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.	
T200911303	DESIGNED BY:	JH
COUNTY		
NEW CASTLE	CHECKED BY:	MT

GRADES & GEOMETRICS

GG-47
SHEET NO.
234
TOTAL SHTS.
1256

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61560	33+44.9976	-21.5000	529601.2868	565769.1316
61561	33+20.0148	20.5870	529581.6955	565724.2804
61564	35+20.0000	-20.5000	529498.3273	565910.6456
61565	36+24.2456	-37.1985	529451.0383	566005.0369
61566	36+25.0000	-36.2304	529449.8119	566005.0844
61567	37+00.0000	-40.6446	529409.6191	566068.5590
61568	37+00.0000	44.9906	529340.0855	566018.5742



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DRAFT
NOT FOR BIDDING
AUGUST 2015