COORDINATE LIST

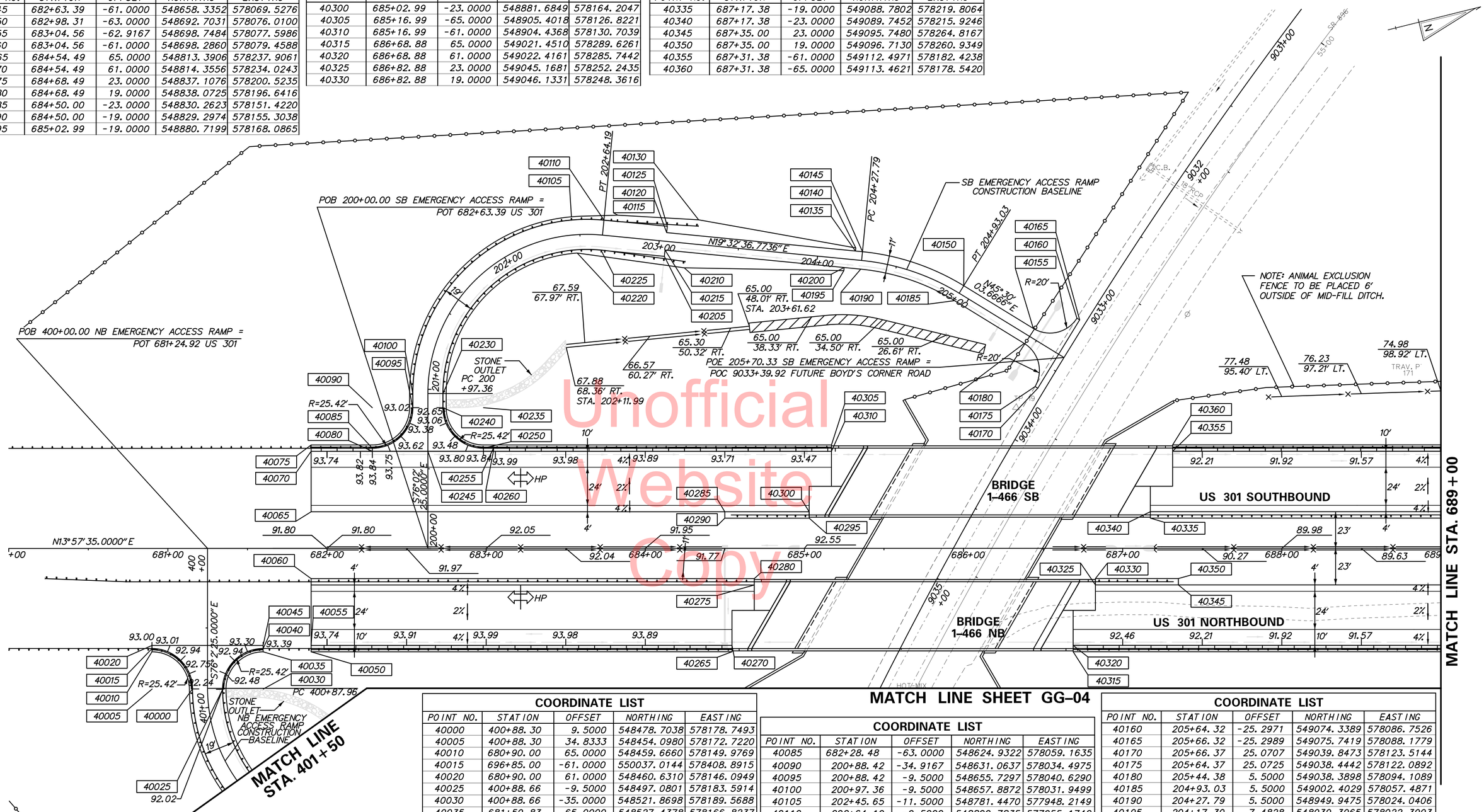
POINT NO.	STATION	OFFSET	NORTHING	EASTING
40245	682+63.39	-61.0000	548658.3352	578069.5276
40250	682+98.31	-63.0000	548692.7031	578076.0100
40255	683+04.56	-62.9167	548698.7484	578077.5986
40260	683+04.56	-61.0000	548698.2860	578079.4588
40265	684+54.49	65.0000	548813.3906	578237.9061
40270	684+54.49	61.0000	548814.3556	578234.0243
40275	684+68.49	23.0000	548837.1076	578200.5235
40280	684+68.49	19.0000	548838.0725	578196.6416
40285	684+50.00	-23.0000	548830.2623	578151.4220
40290	684+50.00	-19.0000	548829.2974	578155.3038
40295	685+02.99	-19.0000	548880.7199	578168.0865

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
40300	685+02.99	-23.0000	548881.6849	578164.2047
40305	685+16.99	-65.0000	548905.4018	578126.8221
40310	685+16.99	-61.0000	548904.4368	578130.7039
40315	686+68.88	65.0000	549021.4510	578289.6261
40320	686+68.88	61.0000	549022.4161	578285.7442
40325	686+82.88	23.0000	549045.1681	578252.2435
40330	686+82.88	19.0000	549046.1331	578248.3616

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
40335	687+17.38	-19.0000	549088.7802	578219.8064
40340	687+17.38	-23.0000	549089.7452	578215.9246
40345	687+35.00	23.0000	549095.7480	578264.8167
40350	687+35.00	19.0000	549096.7130	578260.9349
40355	687+31.38	-61.0000	549112.4971	578182.4238
40360	687+31.38	-65.0000	549113.4621	578178.5420



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MATCH LINE SHT GG-04

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 THE EDGE OF PAVEMENT.
3. RADII ARE GIVEN TO THE EDGE OF PAVEMENT.
4. UNLESS OTHER WISE NOTED, EDGE OF PAVEMENT ELEVATIONS AT CURB RETURNS ARE GIVEN AT 10 FOOT INTERVALS.
5. PROPOSED CURB OR PAVEMENT THAT TIES INTO EXISTING PAVEMENT OR EXISTING CURBS SHALL MATCH THE EXISTING PAVEMENT OR CURB ELEVATIONS AND CROSS SLOPES.

MATCH LINE SHEET GG-04

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
40000	400+88.30	9.5000	548478.7038	578178.7493
40005	400+88.30	34.8333	548454.0980	578172.7220
40010	680+90.00	65.0000	548459.6660	578149.9769
40015	696+85.00	-61.0000	550037.0144	578408.8915
40020	680+90.00	61.0000	548460.6310	578146.0949
40025	400+88.66	-9.5000	548497.0801	578183.5914
40030	400+88.66	-35.0000	548521.8698	578189.5688
40035	681+59.83	65.0000	548527.4378	578166.8237
40040	681+59.83	63.0000	548527.9203	578164.8826
40045	681+59.83	61.0000	548528.4028	578162.9417
40050	681+90.00	65.0000	548556.7122	578174.1006
40055	681+90.00	61.0000	548557.6772	578170.2188
40060	681+90.00	19.0000	548567.8092	578129.4592
40065	681+90.00	-23.0000	548577.9413	578088.6996
40070	681+90.00	-61.0000	548587.1084	578051.8220
40075	681+90.00	-65.0000	548588.0734	578047.9400
40080	682+28.48	-61.0000	548624.4497	578061.1043

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
40085	682+28.48	-63.0000	548624.9322	578059.1635
40090	200+88.42	-34.9167	548631.0637	578034.4975
40095	200+88.42	-9.5000	548655.7297	578040.6290
40100	200+97.36	-9.5000	548657.8872	578031.9499
40105	202+45.65	-11.5000	548781.4470	577948.2149
40110	202+64.19	-9.5000	548800.7835	577955.1742
40115	202+72.55	-13.4135	548809.9731	577954.2835
40120	203+04.19	-5.5000	548837.1409	577972.3247
40125	203+04.19	-9.5000	548838.4790	577968.5551
40130	203+23.38	-15.4469	548858.5590	577969.3726
40135	204+23.38	-5.4828	548949.4645	578012.2149
40140	204+23.38	-7.4828	548950.1335	578010.3301
40145	204+27.79	-5.5000	548953.6272	578013.6743
40150	204+93.03	-5.5000	549010.2488	578049.7772
40155	205+44.33	-5.5000	549046.2011	578086.3638

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
40160	205+64.32	-25.2971	549074.3389	578086.7526
40165	205+66.32	-25.2989	549075.7419	578088.1779
40170	205+66.37	25.0707	549039.8473	578123.5144
40175	205+64.37	25.0725	549038.4442	578122.0892
40180	205+44.38	5.5000	549038.3898	578094.1089
40185	204+93.03	5.5000	549002.4029	578057.4871
40190	204+27.79	5.5000	548949.9475	578024.0406
40195	204+17.30	7.4828	548939.3965	578022.3993
40200	204+17.30	5.4828	548940.0656	578020.5145
40205	203+04.19	9.5000	548832.1230	577986.4605
40210	203+17.30	15.4469	548842.4936	577996.4522
40215	203+04.19	5.5000	548833.4611	577982.6909
40220	202+47.47	11.5000	548779.4708	577971.2013
40225	202+64.19	9.5000	548794.4275	577973.0796
40230	200+97.36	9.5000	548676.3261	578036.5334
40235	200+88.42	34.9167	548698.8346	578051.3439
40240	200+88.42	9.5000	548674.1686	578045.2124

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

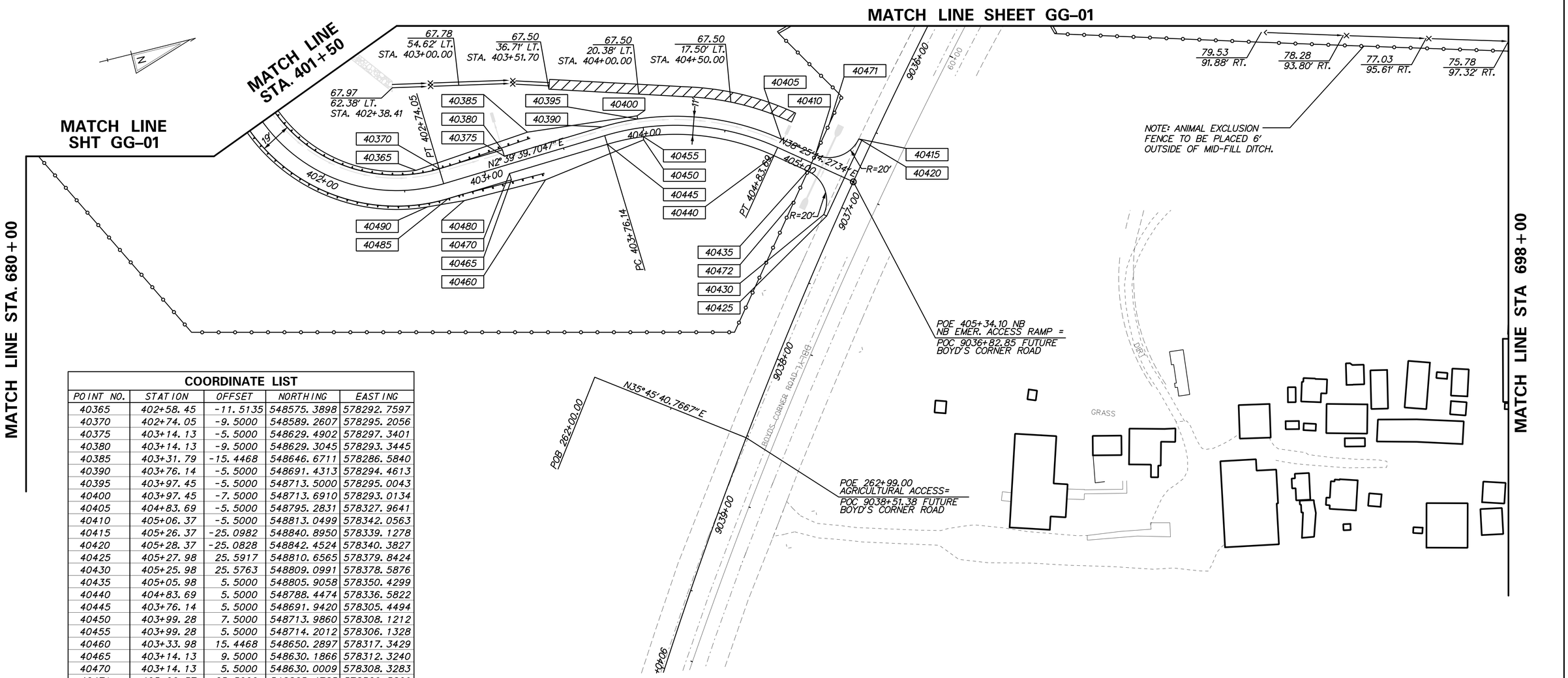
SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT T200911308 | COUNTY NEW CASTLE | BRIDGE NO. 1-9 | DESIGNED BY: WJD | CHECKED BY: BT

GRADES & GEOMETRICS

GG-01 | SHEET NO. 160 | TOTAL SHTS. 875



COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
40365	402+58.45	-11.5135	548575.3898	578292.7597
40370	402+74.05	-9.5000	548589.2607	578295.2056
40375	403+14.13	-5.5000	548629.4902	578297.3401
40380	403+14.13	-9.5000	548629.3045	578293.3445
40385	403+31.79	-15.4468	548646.6711	578286.5840
40390	403+76.14	-5.5000	548691.4313	578294.4613
40395	403+97.45	-5.5000	548713.5000	578295.0043
40400	403+97.45	-7.5000	548713.6910	578293.0134
40405	404+83.69	-5.5000	548795.2831	578327.9641
40410	405+06.37	-5.5000	548813.0499	578342.0563
40415	405+26.37	-25.0982	548840.8950	578339.1278
40420	405+28.37	-25.0828	548842.4524	578340.3827
40425	405+27.98	25.5917	548810.6565	578379.8424
40430	405+25.98	25.5763	548809.0991	578378.5876
40435	405+05.98	5.5000	548805.9058	578350.4299
40440	404+83.69	5.5000	548788.4474	578336.5822
40445	403+76.14	5.5000	548691.9420	578305.4494
40450	403+99.28	7.5000	548713.9860	578308.1212
40455	403+99.28	5.5000	548714.2012	578306.1328
40460	403+33.98	15.4468	548650.2897	578317.3429
40465	403+14.13	9.5000	548630.1866	578312.3240
40470	403+14.13	5.5000	548630.0009	578308.3283
40471	405+06.37	-25.5000	548825.4785	578326.3869
40472	405+05.98	25.5000	548793.4772	578366.0993
40480	402+83.15	13.4135	548599.4158	578317.6718
40485	402+74.05	9.5000	548590.1428	578314.1851
40490	402+62.04	11.4896	548576.8593	578315.9908

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 THE EDGE OF PAVEMENT.
3. RADII ARE GIVEN TO THE EDGE OF PAVEMENT.
4. UNLESS OTHER WISE NOTED, EDGE OF PAVEMENT ELEVATIONS AT CURB RETURNS ARE GIVEN AT 10 FOOT INTERVALS.
5. PROPOSED CURB OR PAVEMENT THAT TIES INTO EXISTING PAVEMENT OR EXISTING CURBS SHALL MATCH THE EXISTING PAVEMENT OR CURB ELEVATIONS AND CROSS SLOPES.

GG-02

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO. 1-9
T200911308	DESIGNED BY: WJD
COUNTY	
NEW CASTLE	CHECKED BY: BT

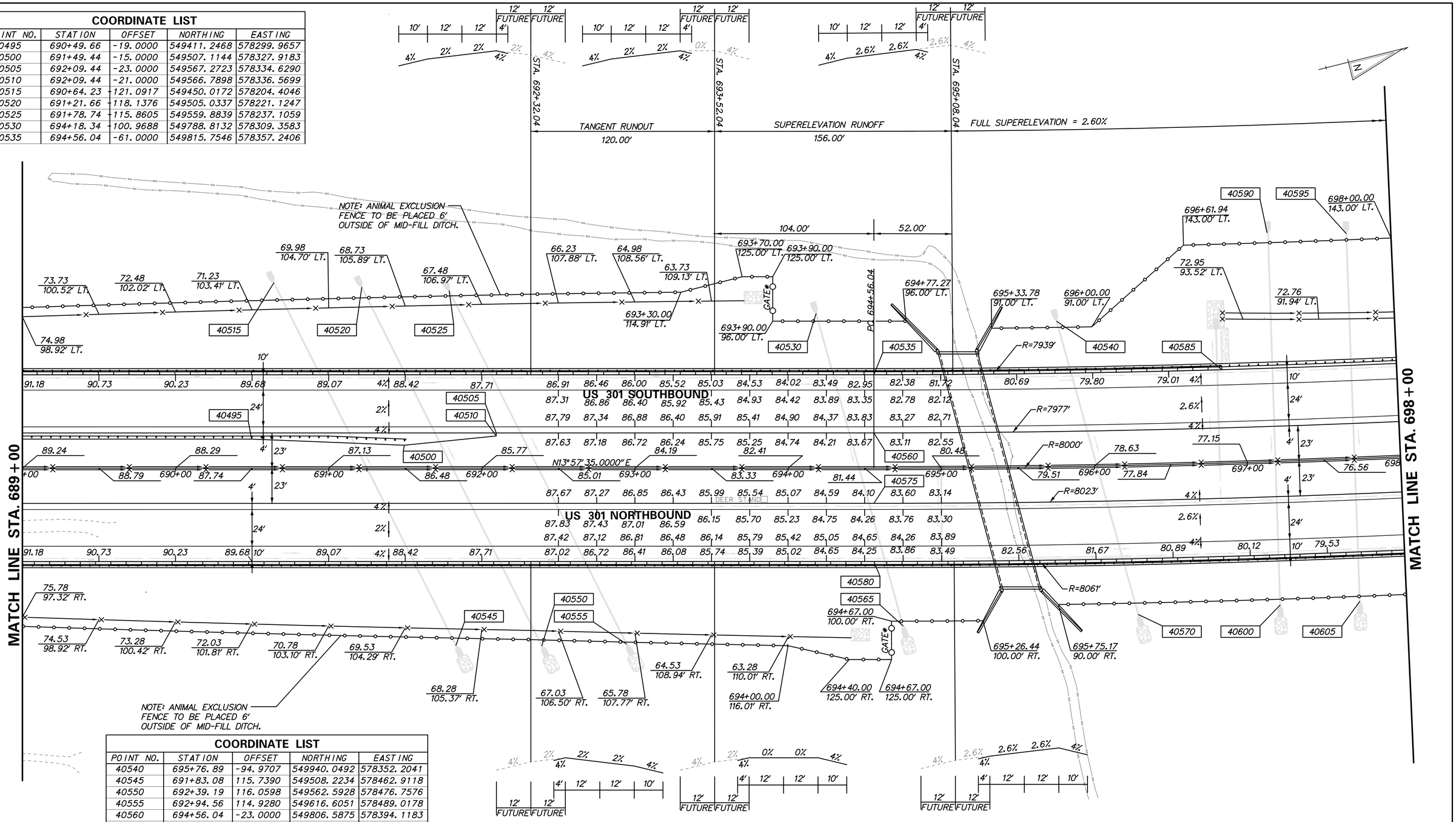
GRADES & GEOMETRICS

SHEET NO. 161

TOTAL SHTS. 875

P:\1445 US 301 SECT.1\DESIGN\FINAL_SUBMISSION\CONTRACT_1A-REVISEDFINAL\REF\SB003U301_1A.DGN

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
40495	690+49.66	-19.0000	549411.2468	578299.9657
40500	691+49.44	-15.0000	549507.1144	578327.9183
40505	692+09.44	-23.0000	549567.2723	578334.6290
40510	692+09.44	-21.0000	549566.7898	578336.5699
40515	690+64.23	-121.0917	549450.0172	578204.4046
40520	691+21.66	-118.1376	549505.0337	578221.1247
40525	691+78.74	-115.8605	549559.8839	578237.1059
40530	694+18.34	-100.9688	549788.8132	578309.3583
40535	694+56.04	-61.0000	549815.7546	578357.2406



COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
40540	695+76.89	-94.9707	549940.0492	578352.2041
40545	691+83.08	115.7390	549508.2234	578462.9118
40550	692+39.19	116.0598	549562.5928	578476.7576
40555	692+94.56	114.9280	549616.6051	578489.0178
40560	694+56.04	-23.0000	549806.5875	578394.1183
40565	694+74.82	103.0638	549794.6386	578521.0253
40570	696+26.63	97.4941	549945.5181	578550.9181
40575	694+56.04	23.0000	549795.4904	578438.7597
40580	694+56.04	61.0000	549786.3233	578475.6374
40585	696+85.00	-61.0000	550037.0144	578408.8915
40590	697+18.32	-149.0832	550087.7728	578329.7479
40595	697+70.37	-147.1316	550137.3608	578342.1875
40600	697+18.32	93.8228	550036.9329	578567.2740
40605	697+69.77	93.2602	550087.9782	578577.4532

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO. 1-9
T200911308	DESIGNED BY: WJD
COUNTY	
NEW CASTLE	CHECKED BY: BT

GRADES & GEOMETRICS

GG-03

SHEET NO. 162

TOTAL SHTS. 875

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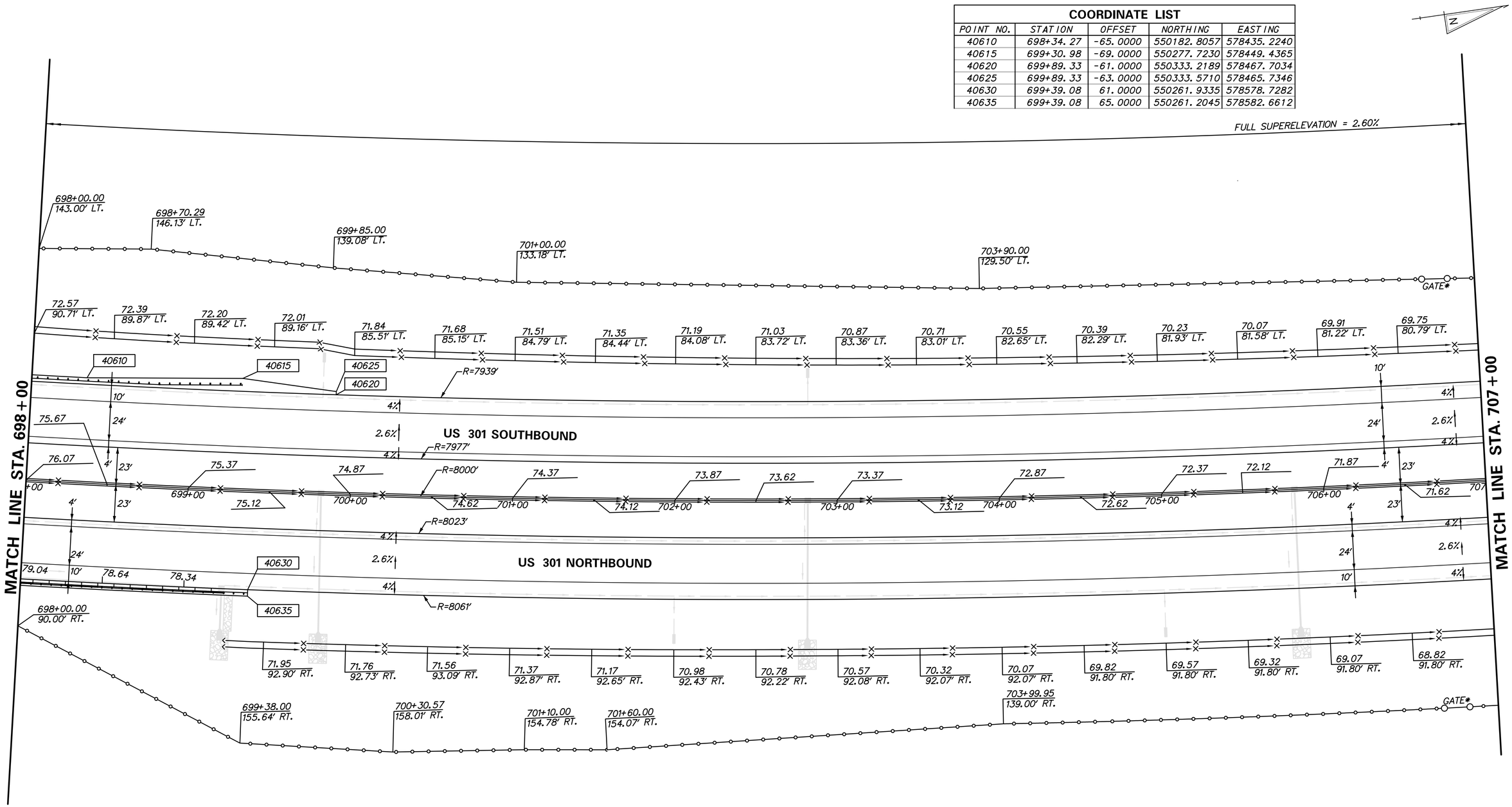
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
40610	698+34.27	-65.0000	550182.8057	578435.2240
40615	699+30.98	-69.0000	550277.7230	578449.4365
40620	699+89.33	-61.0000	550333.2189	578467.7034
40625	699+89.33	-63.0000	550333.5710	578465.7346
40630	699+39.08	61.0000	550261.9335	578578.7282
40635	699+39.08	65.0000	550261.2045	578582.6612



GG-04

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO. 1-9
T200911308	DESIGNED BY: WJD
COUNTY	
NEW CASTLE	CHECKED BY: BT

GRADES & GEOMETRICS

SHEET NO. 163

TOTAL SHTS. 875

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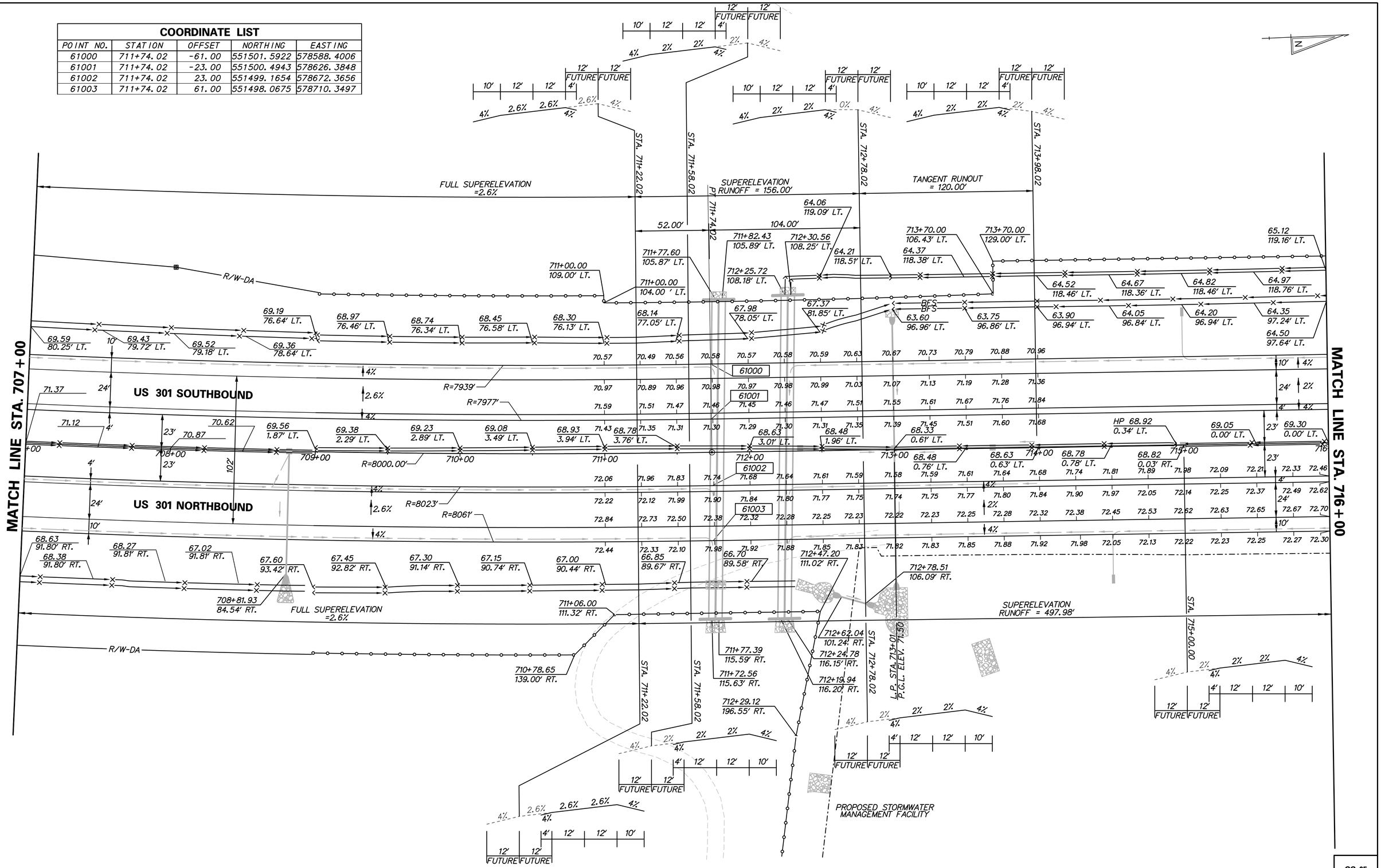
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61000	711+74.02	-61.00	551501.5922	578588.4006
61001	711+74.02	-23.00	551500.4943	578626.3848
61002	711+74.02	23.00	551499.1654	578672.3656
61003	711+74.02	61.00	551498.0675	578710.3497



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301, SR 896 TO SR 1	CONTRACT T200911308 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: KGMA / CHECKED BY: TAO	GRADES & GEOMETRICS

GG-05

SHEET NO. 164

TOTAL SHTS. 875

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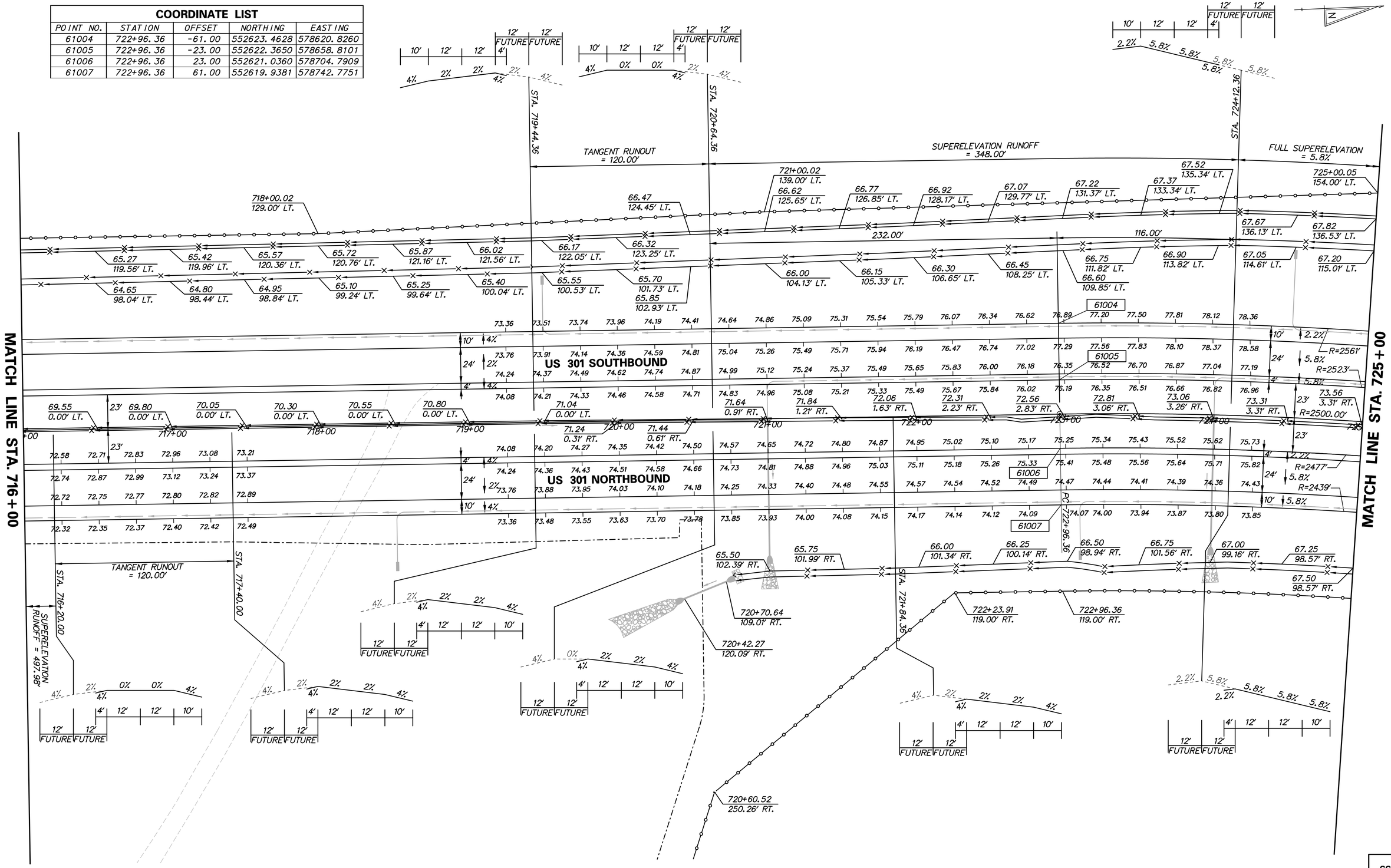
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61004	722+96.36	-61.00	552623.4628	578620.8260
61005	722+96.36	-23.00	552622.3650	578658.8101
61006	722+96.36	23.00	552621.0360	578704.7909
61007	722+96.36	61.00	552619.9381	578742.7751



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

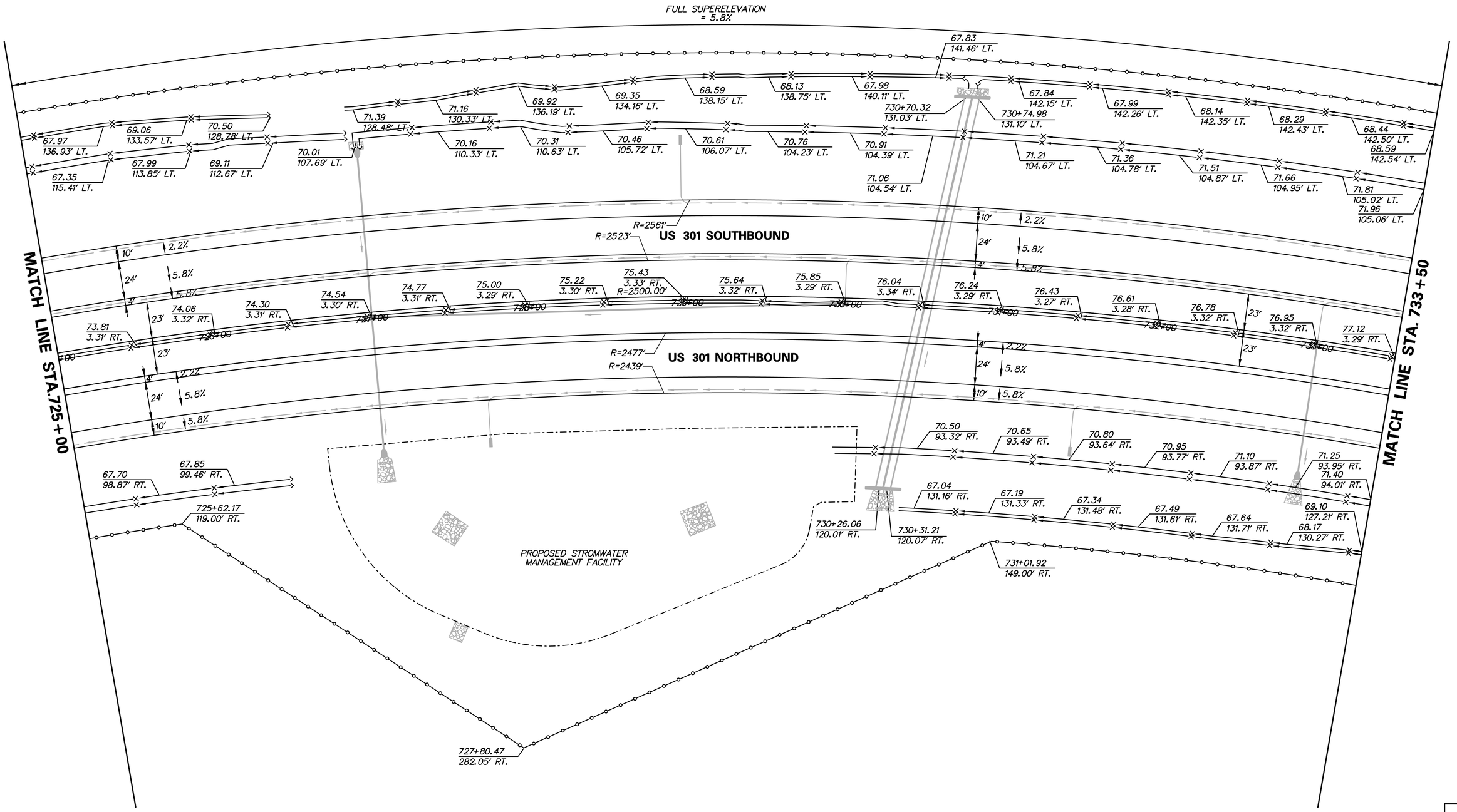
CONTRACT	BRIDGE NO.	
T200911308	DESIGNED BY: KGMA	
COUNTY	CHECKED BY: TAO	
NEW CASTLE		

GRADES & GEOMETRICS

GG-06

SHEET NO. 165

TOTAL SHTS. 875



GG-07

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301, SR 896 TO SR 1	CONTRACT T200911308	BRIDGE NO.	GRADES & GEOMETRICS	SHEET NO. 166
				COUNTY NEW CASTLE	DESIGNED BY: KGMA		TOTAL SHTS. 875
					CHECKED BY: TAO		

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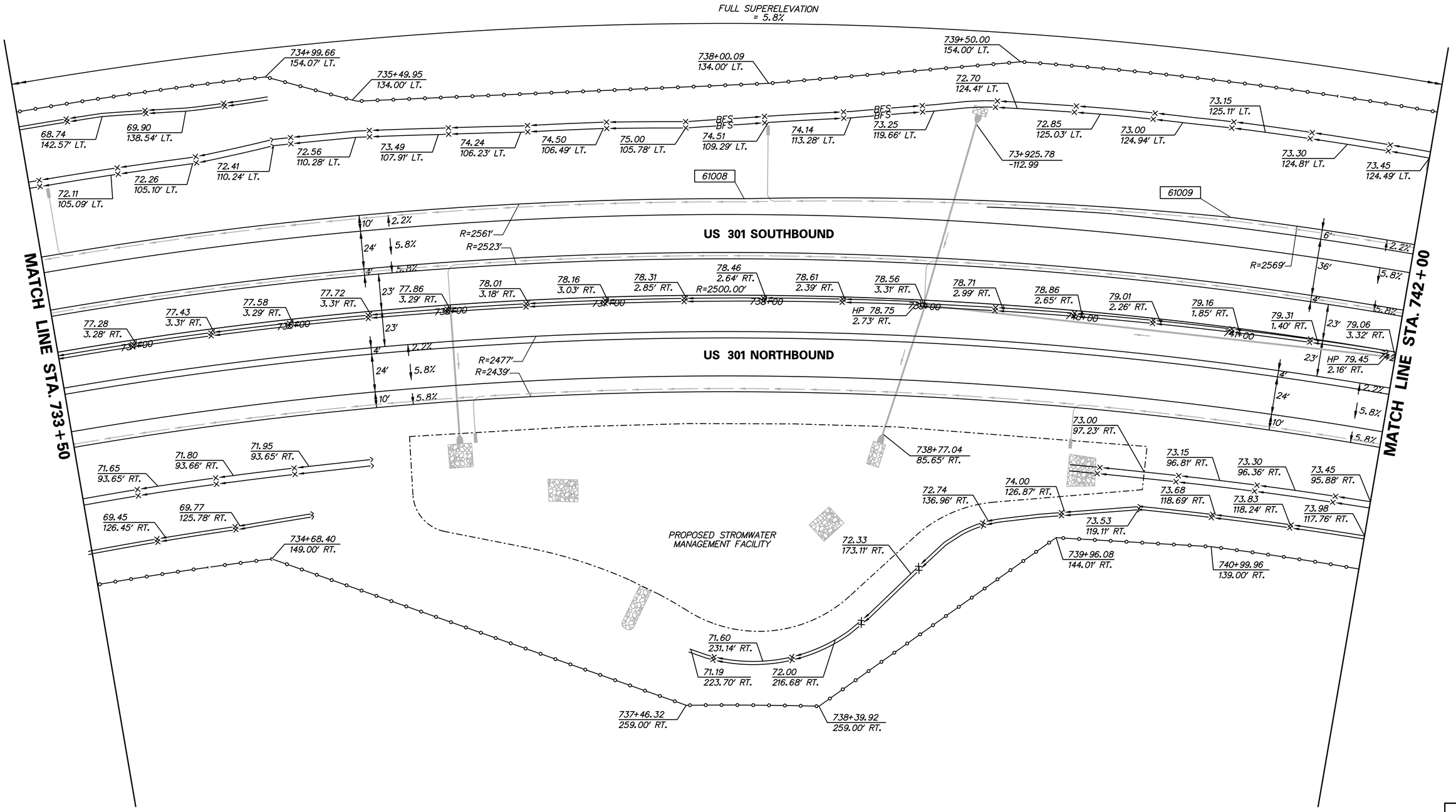
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61008	737+85.66	-61.00	554047.1013	579103.2990
61009	740+85.66	-69.00	554290.4499	579291.6404



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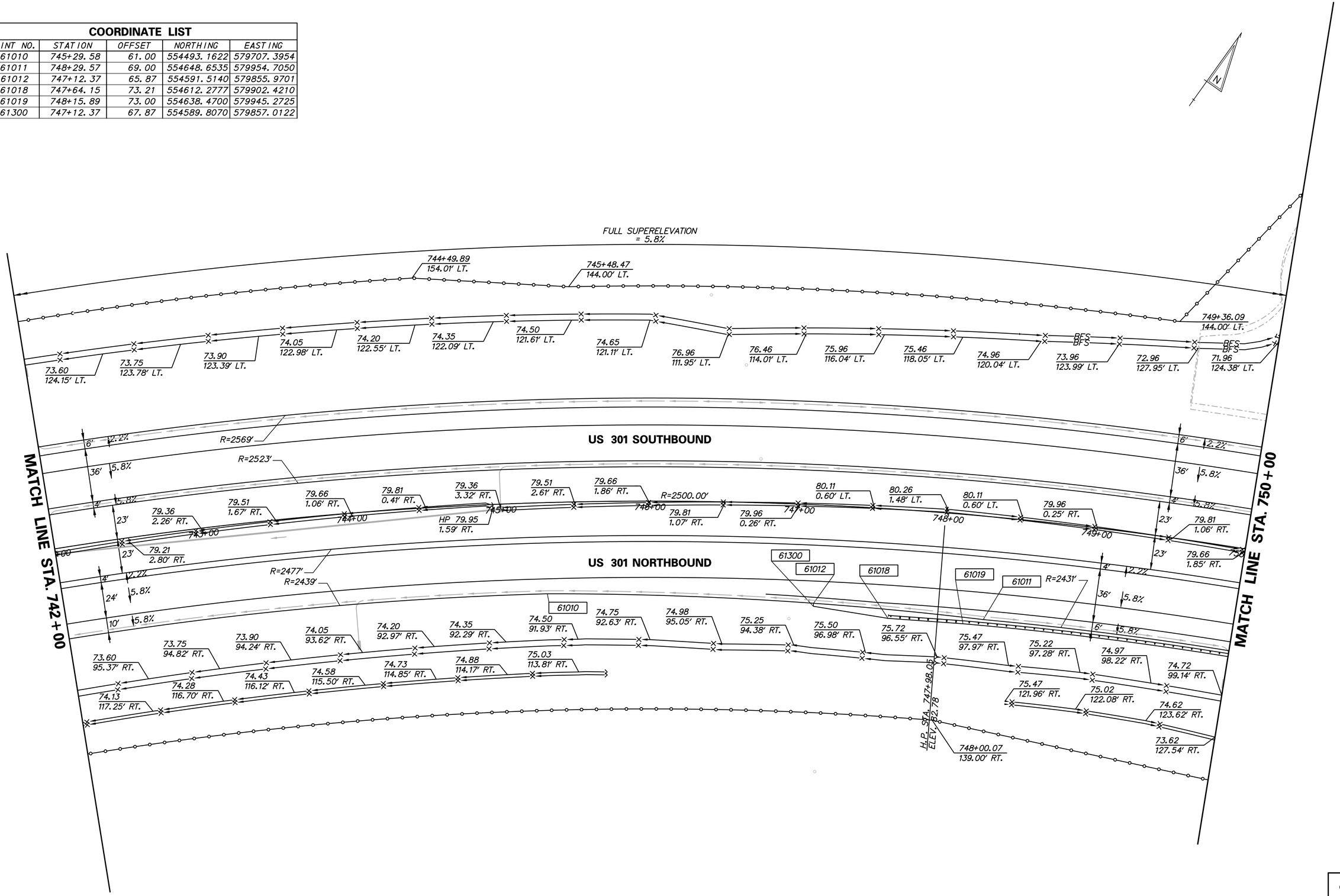
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301, SR 896 TO SR 1	CONTRACT T200911308	BRIDGE NO.	GRADES & GEOMETRICS	GG-08 SHEET NO. 167
				COUNTY NEW CASTLE	DESIGNED BY: KGMA		TOTAL SHTS. 875
					CHECKED BY: TAO		

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61010	745+29.58	61.00	554493.1622	579707.3954
61011	748+29.57	69.00	554648.6535	579954.7050
61012	747+12.37	65.87	554591.5140	579855.9701
61018	747+64.15	73.21	554612.2777	579902.4210
61019	748+15.89	73.00	554638.4700	579945.2725
61300	747+12.37	67.87	554589.8070	579857.0122



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

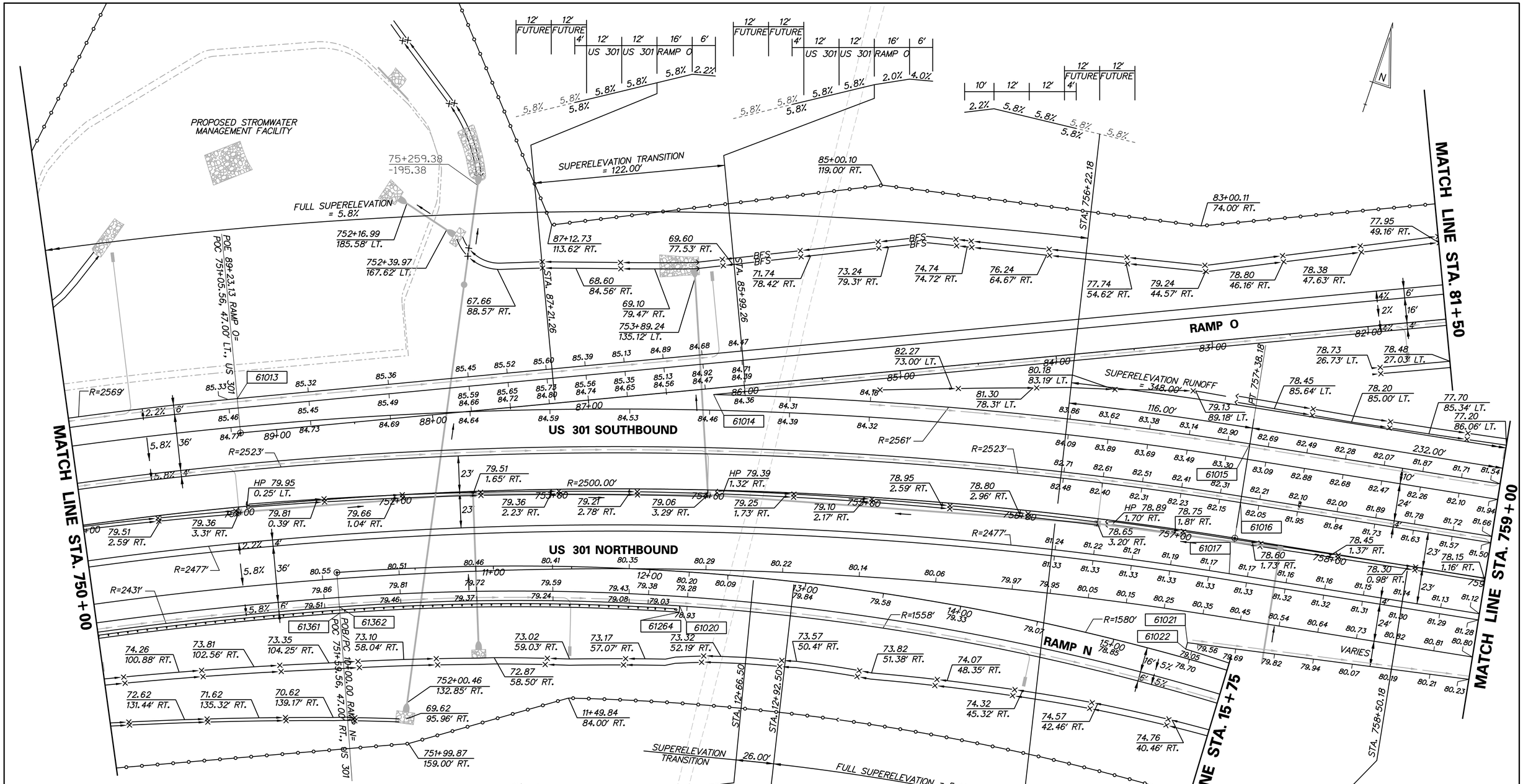
CONTRACT	BRIDGE NO.
T200911308	DESIGNED BY: KGMA
COUNTY	CHECKED BY: TAO
NEW CASTLE	

GRADES & GEOMETRICS

GG–09

SHEET NO. 168

TOTAL SHTS. 875



COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
61013	751+05.66	-69.00	554897.0968	580137.4809
61014	754+02.23	-61.00	554996.4284	580425.0244
61015	757+38.18	-61.00	555075.6166	580759.6621
61016	757+38.18	-23.00	555038.1338	580765.9102
61017	757+38.18	23.00	554992.7599	580773.4738
61020	753+83.26	74.45	554861.5127	580447.4209
61021	757+18.34	70.65	554942.5114	580762.3111
61022	757+17.80	74.91	554938.2308	580762.5300
61264	753+83.05	78.44	554857.6441	580448.4378

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
61361	751+59.56	73.00	554788.0667	580243.1917
61362	751+59.56	69.00	554791.7562	580241.6465

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO.
T200911308	DESIGNED BY: KGMA
COUNTY	
NEW CASTLE	CHECKED BY: TAO

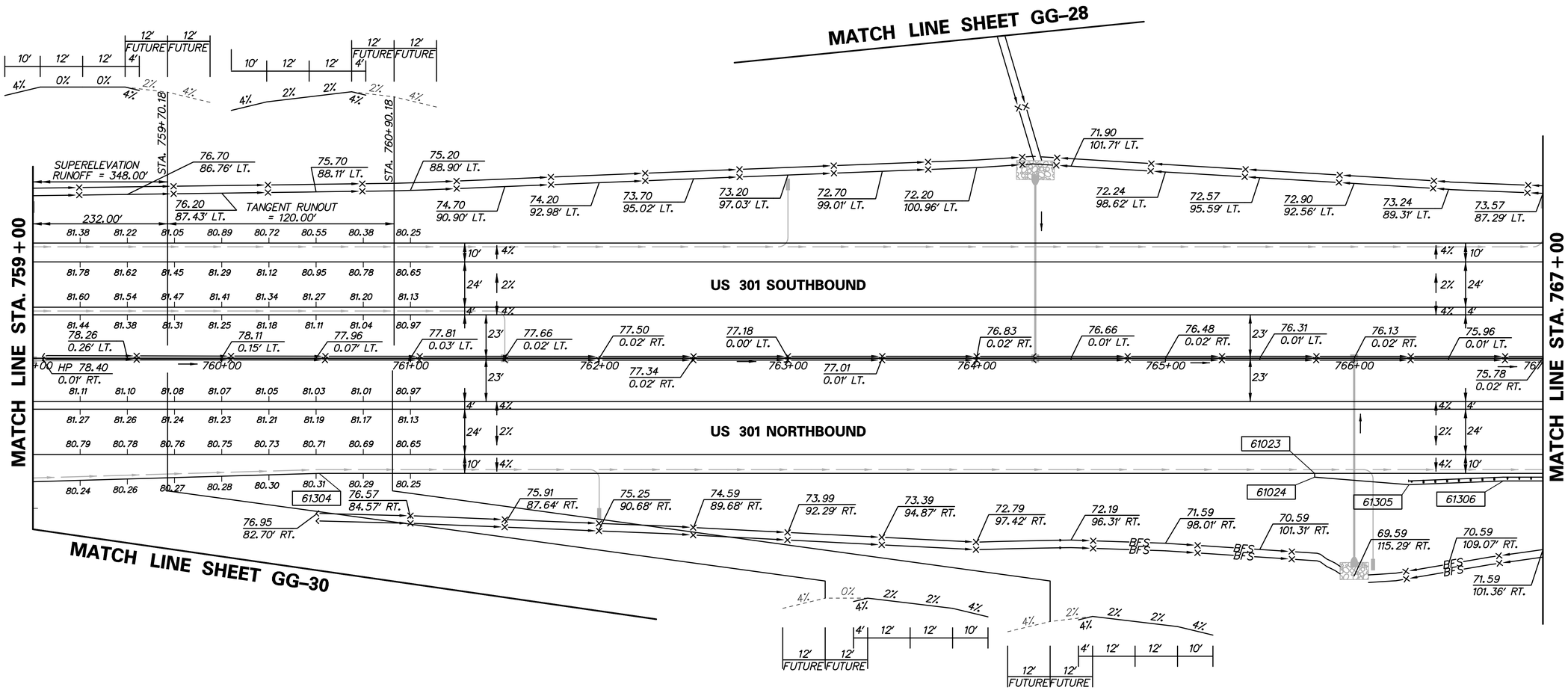
GRADES & GEOMETRICS

GG-10

SHEET NO. 169

TOTAL SHTS. 875

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61023	765+79.05	61.00	555093.5377	581609.1460
61024	765+79.05	63.00	555091.5650	581609.4748
61304	760+51.60	61.00	555006.8115	581088.8762
61305	766+29.05	67.00	555095.8423	581659.4517
61306	766+78.98	65.00	555106.0216	581708.3637



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301, SR 896 TO SR 1	CONTRACT T200911308	BRIDGE NO.	GRADES & GEOMETRICS	GG-11
				COUNTY NEW CASTLE	DESIGNED BY: KGMA		SHEET NO. 170
					CHECKED BY: TAO		TOTAL SHTS. 875

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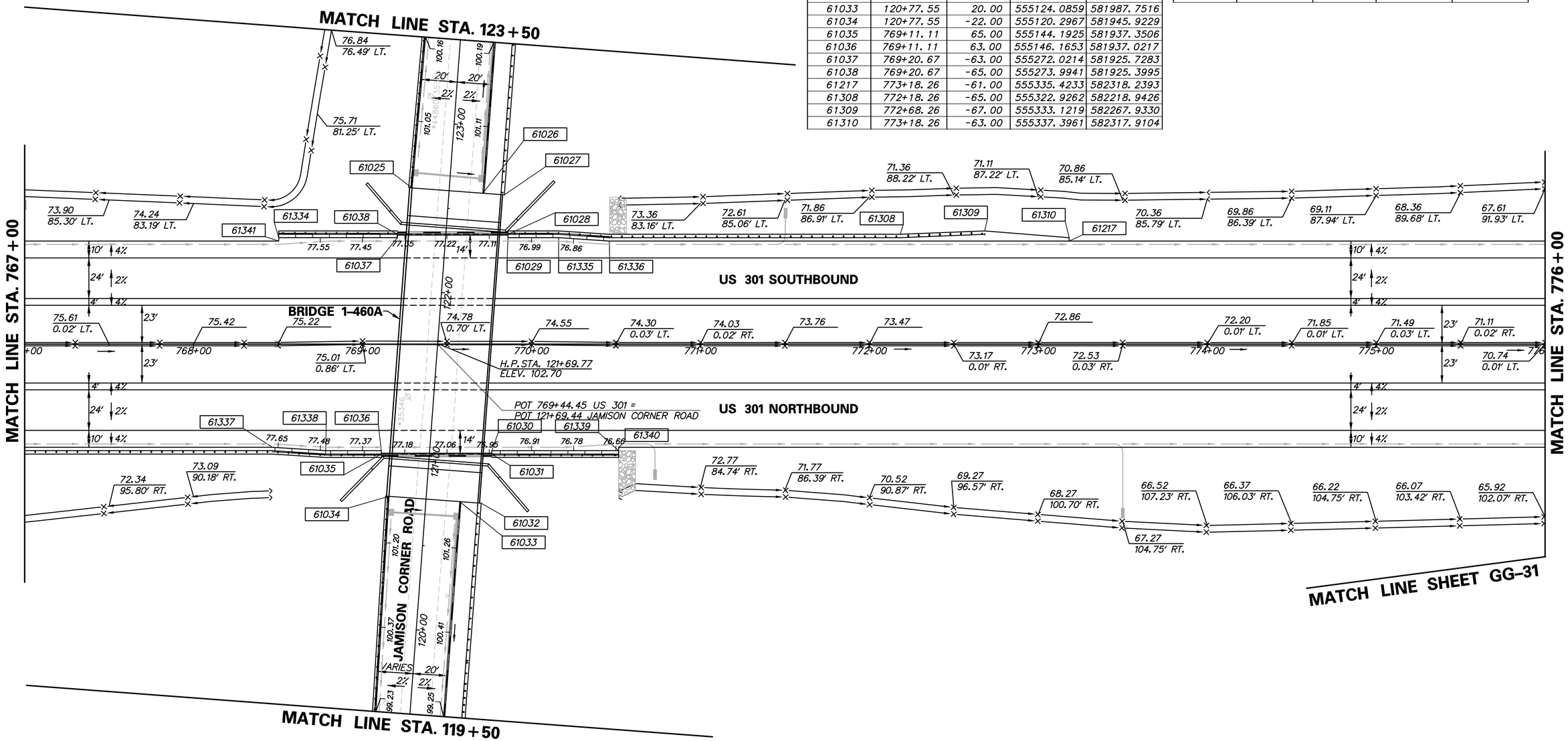
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61025	122+60.47	-22.00	555302.4674	581929.4200
61026	122+60.47	20.00	555306.2566	581971.2487
61027	122+60.47	32.75	555307.4069	581983.9467
61028	769+86.12	-65.00	555284.7558	581989.9588
61029	769+86.12	-63.00	555282.7831	581990.2877
61030	769+76.56	63.00	555156.9270	582001.5811
61031	769+76.56	65.00	555154.9542	582001.9099
61032	120+77.55	32.75	555125.2362	582000.4496
61033	120+77.55	20.00	555124.0859	581987.7516
61034	120+77.55	-22.00	555120.2967	581945.9229
61035	769+11.11	65.00	555144.1925	581937.3506
61036	769+11.11	63.00	555146.1653	581937.0217
61037	769+20.67	-63.00	555272.0214	581925.7283
61038	769+20.67	-65.00	555273.9941	581925.3995
61217	773+18.26	-61.00	555335.4233	582318.2393
61308	772+18.26	-65.00	555322.9262	582218.9426
61309	772+68.26	-67.00	555333.1219	582267.9330
61310	773+18.26	-63.00	555337.3961	582317.9104

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61334	768+50.38	-63.00	555260.4649	581856.4008
61335	770+16.12	-63.00	555287.7158	582019.8793
61336	770+46.12	-61.00	555290.6758	582049.7999
61337	768+46.68	61.00	555137.5446	581873.1426
61338	768+78.18	63.00	555140.7536	581904.5423
61339	770+51.56	63.00	555169.2590	582075.5603
61340	770+51.56	61.00	555171.2317	582075.2314
61341	768+50.38	-61.00	555258.4920	581856.7297



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301, SR 896 TO SR 1	CONTRACT T200911308	BRIDGE NO. 1-8	GRADES & GEOMETRICS
				COUNTY NEW CASTLE	DESIGNED BY: KGMA	
					CHECKED BY: TAO	

GG-12

SHEET NO. 171

TOTAL SHTS. 875

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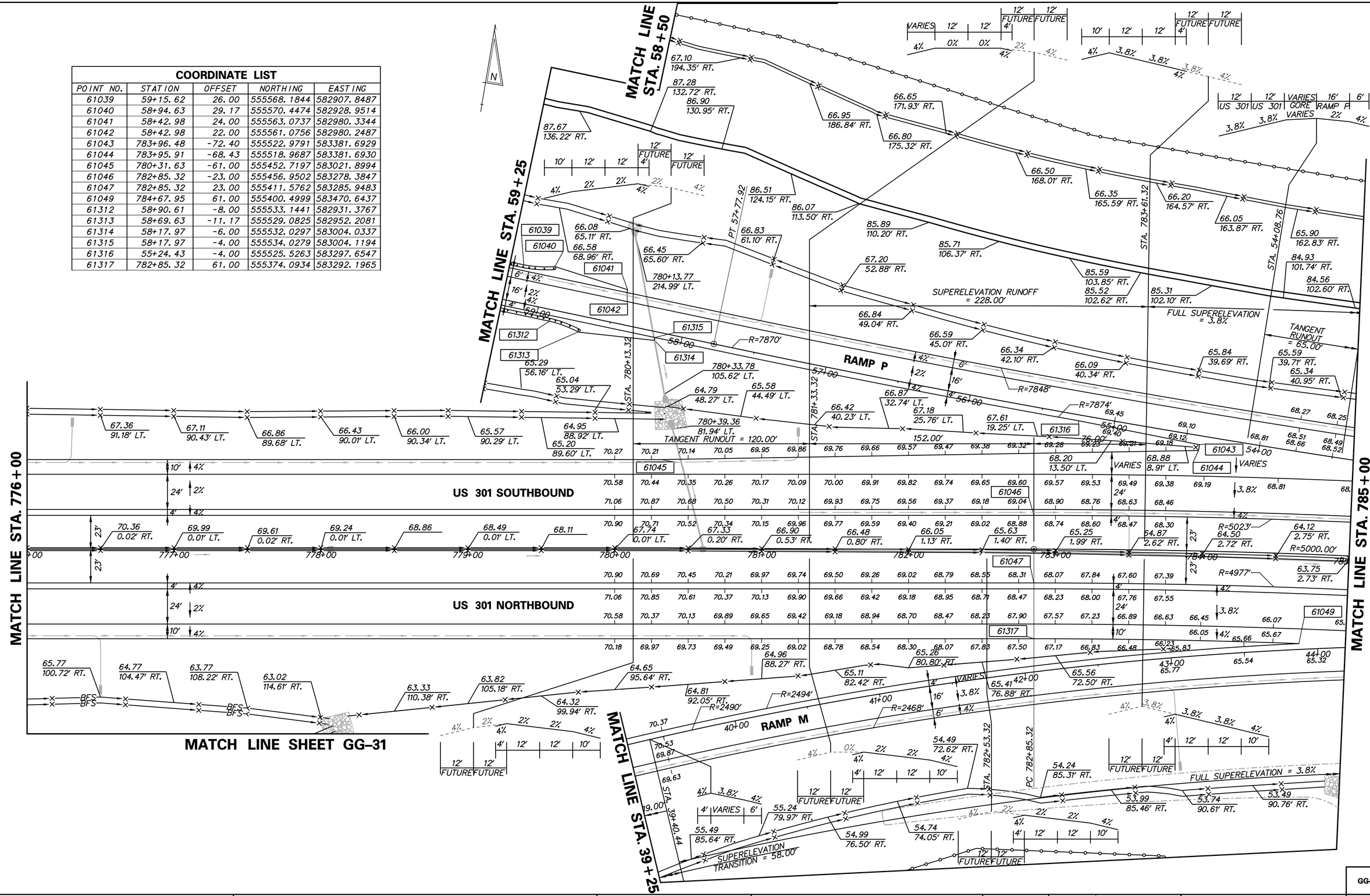
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61039	59+15. 62	26. 00	555568. 1844	582907. 8487
61040	58+94. 63	29. 17	555570. 4474	582928. 9514
61041	58+42. 98	24. 00	555563. 0737	582980. 3344
61042	58+42. 98	22. 00	555561. 0756	582980. 2487
61043	783+96. 48	-72. 40	555522. 9791	583381. 6929
61044	783+95. 91	-68. 43	555518. 9687	583381. 6930
61045	780+31. 63	-61. 00	555452. 7197	583021. 8994
61046	782+85. 32	-23. 00	555456. 9502	583278. 3847
61047	782+85. 32	23. 00	555411. 5762	583285. 9483
61049	784+67. 95	61. 00	555400. 4999	583470. 6437
61312	58+90. 61	-8. 00	555533. 1441	582931. 3767
61313	58+69. 63	-11. 17	555529. 0825	582952. 2081
61314	58+17. 97	-6. 00	555532. 0297	583004. 0337
61315	58+17. 97	-4. 00	555534. 0279	583004. 1194
61316	55+24. 43	-4. 00	555525. 5263	583297. 6547
61317	782+85. 32	61. 00	555374. 0934	583292. 1965



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

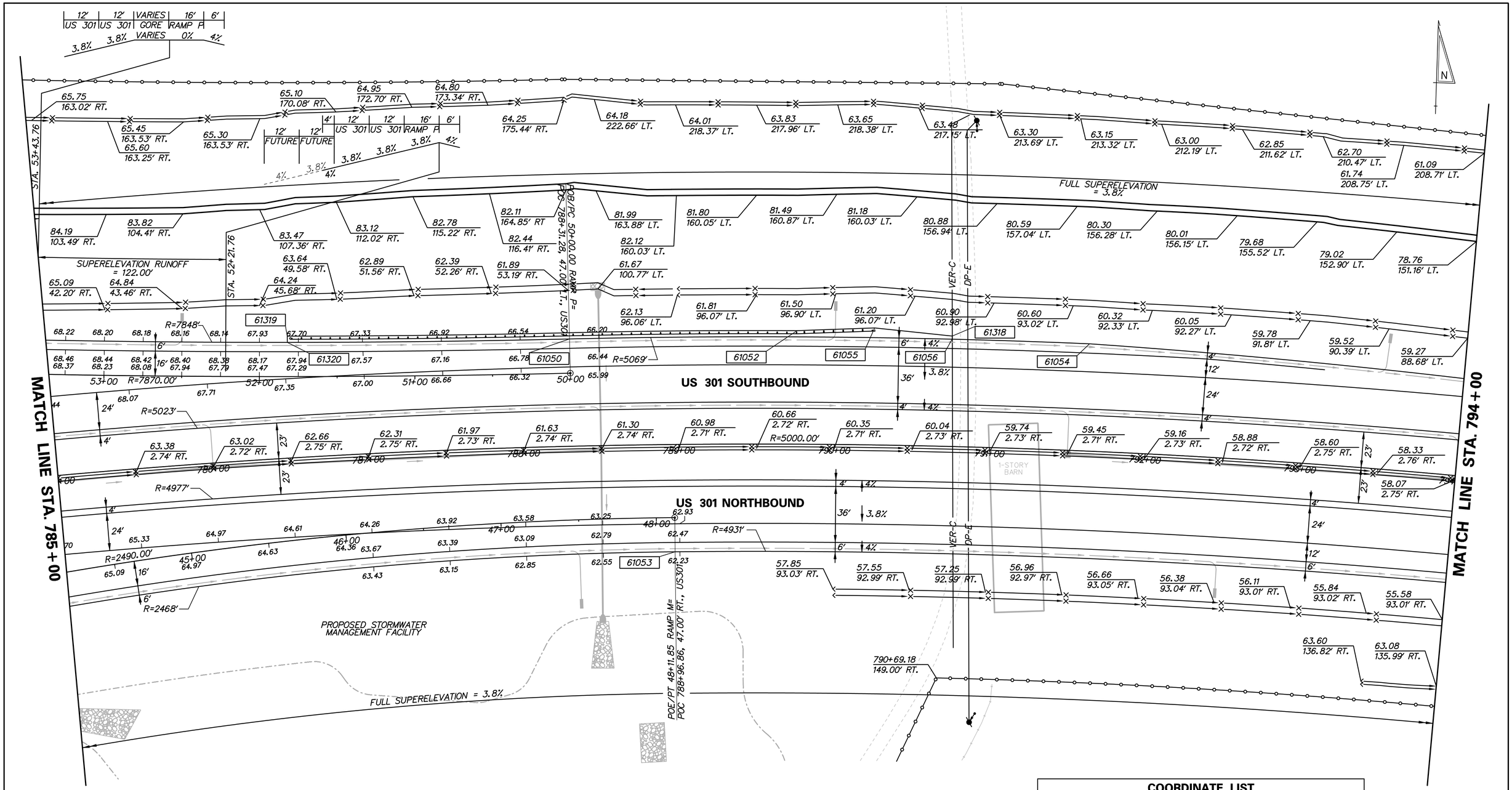
CONTRACT	BRIDGE NO.
T200911308	DESIGNED BY: KGMA
COUNTY	
NEW CASTLE	CHECKED BY: TAO

GRADES & GEOMETRICS

GG-13

SHEET NO. 172

TOTAL SHTS. 875



COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
61050	788+31.28	-69.00	555563.3747	583820.6646
61052	789+75.64	-73.00	555573.4516	583966.7707
61053	788+96.86	69.00	555428.7859	583892.9772
61054	791+61.31	-69.00	555571.0615	584155.0970
61055	790+24.78	-75.24	555576.7999	584016.5784
61056	790+74.08	-69.00	555571.1764	584066.6633
61318	790+74.08	-71.00	555573.1763	584066.6485
61319	786+52.61	-78.34	555559.3118	583639.1773
61320	786+52.38	-74.35	555555.3140	583639.3087

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

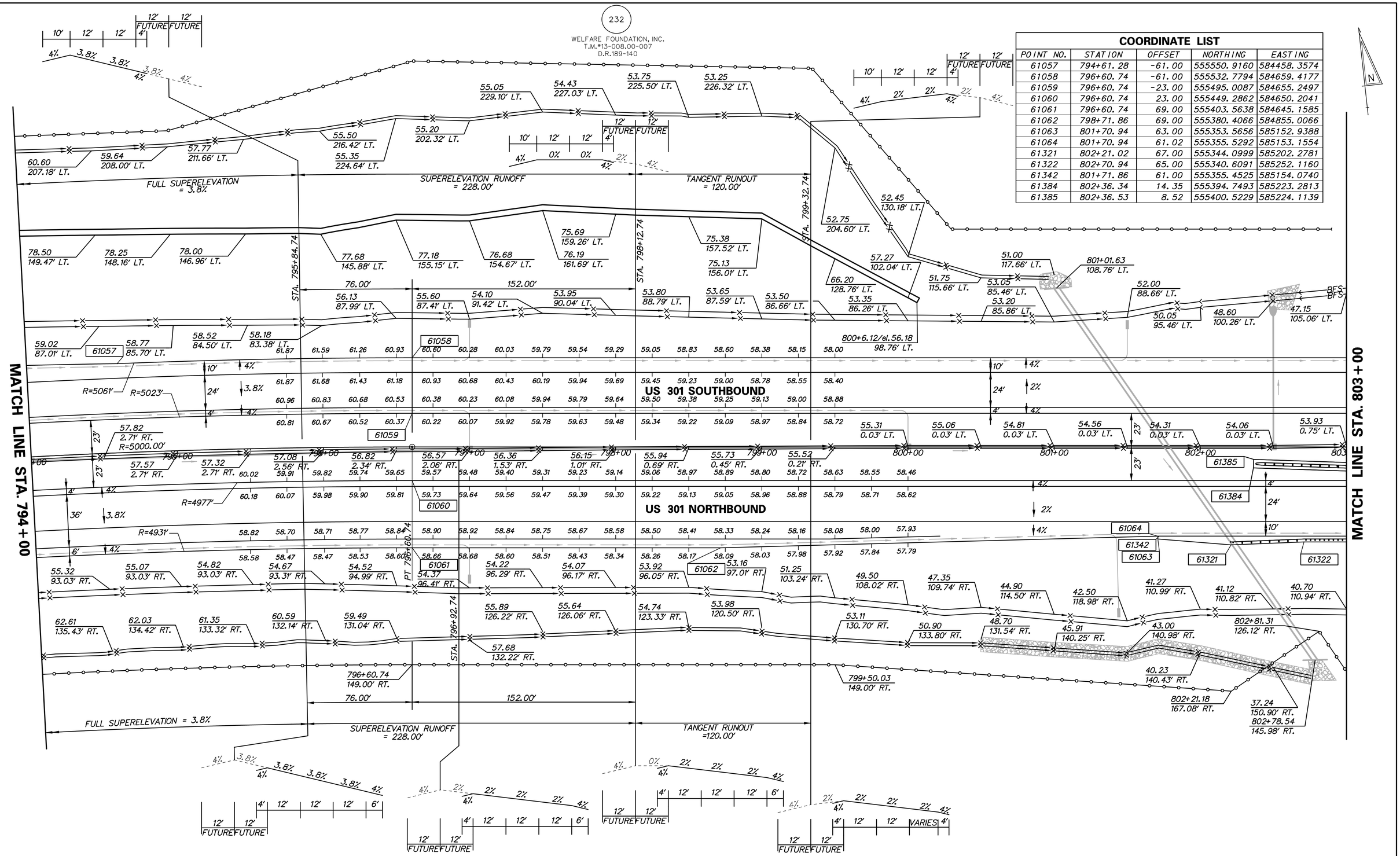
CONTRACT	BRIDGE NO.
T200911308	DESIGNED BY: KGMA
COUNTY	CHECKED BY: TAO
NEW CASTLE	

GRADES & GEOMETRICS

GG-14

SHEET NO. 173

TOTAL SHTS. 875



COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
61057	794+61.28	-61.00	555550.9160	584458.3574
61058	796+60.74	-61.00	555532.7794	584659.4177
61059	796+60.74	-23.00	555495.0087	584655.2497
61060	796+60.74	23.00	555449.2862	584650.2041
61061	796+60.74	69.00	555403.5638	584645.1585
61062	798+71.86	69.00	555380.4066	584855.0066
61063	801+70.94	63.00	555353.5656	585152.9388
61064	801+70.94	61.02	555355.5292	585153.1554
61321	802+21.02	67.00	555344.0999	585202.2781
61322	802+70.94	65.00	555340.6091	585252.1160
61342	801+71.86	61.00	555355.4525	585154.0740
61384	802+36.34	14.35	555394.7493	585223.2813
61385	802+36.53	8.52	555400.5229	585224.1139

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO.
T200911308	DESIGNED BY: KGMA
COUNTY	
NEW CASTLE	CHECKED BY: TAO

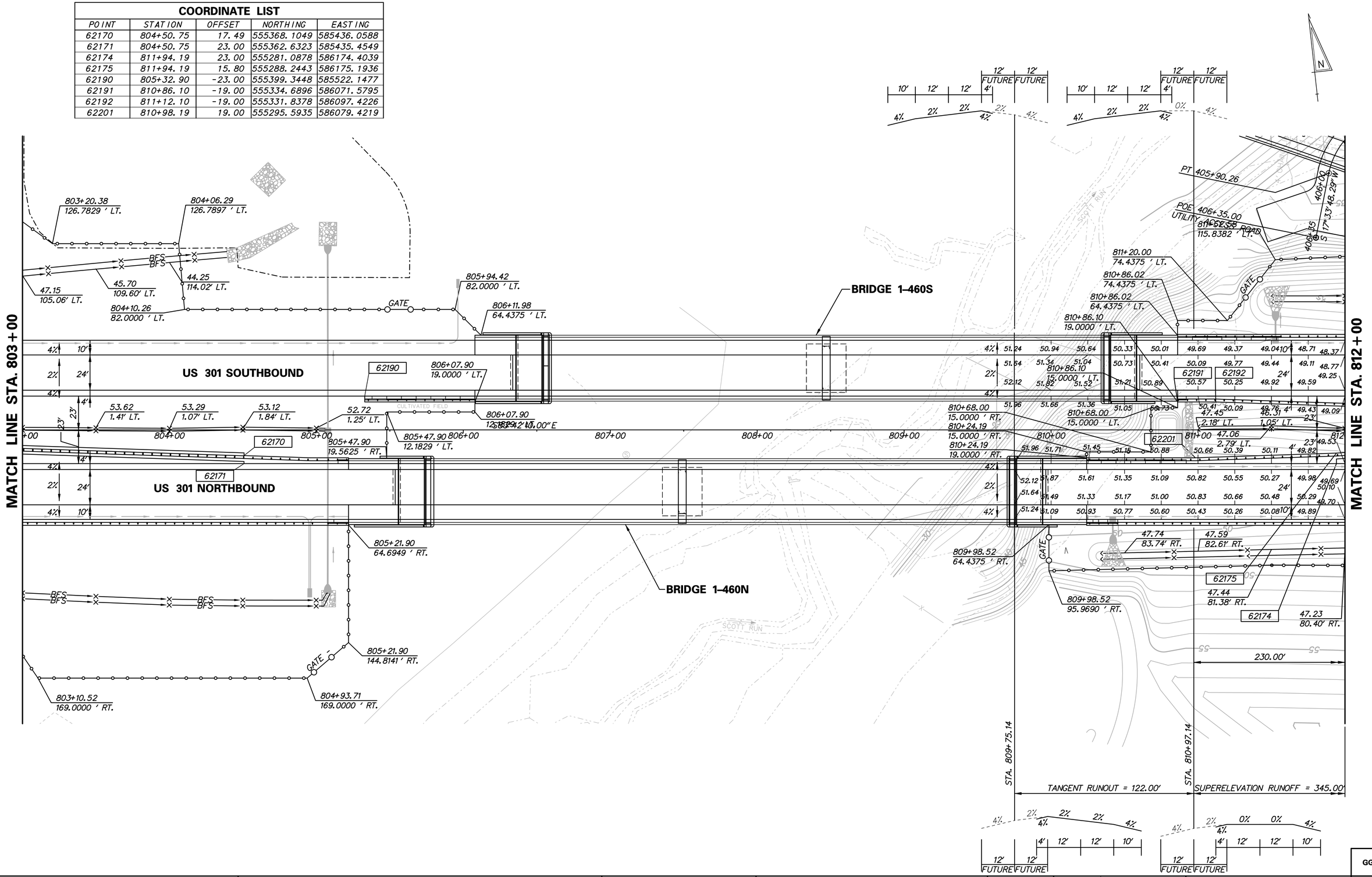
GRADES & GEOMETRICS

GG-15

SHEET NO. 174

TOTAL SHTS. 875

COORDINATE LIST				
POINT	STATION	OFFSET	NORTHING	EASTING
62170	804+50.75	17.49	555368.1049	585436.0588
62171	804+50.75	23.00	555362.6323	585435.4549
62174	811+94.19	23.00	555281.0878	586174.4039
62175	811+94.19	15.80	555288.2443	586175.1936
62190	805+32.90	-23.00	555399.3448	585522.1477
62191	810+86.10	-19.00	555334.6896	586071.5795
62192	811+12.10	-19.00	555331.8378	586097.4226
62201	810+98.19	19.00	555295.5935	586079.4219



DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO. 1-7
T200911308	DESIGNED BY: K.S.B.
COUNTY	
NEW CASTLE	CHECKED BY: B.R.T.

GRADES & GEOMETRICS

GG-16

SHEET NO. 175

TOTAL SHTS. 875

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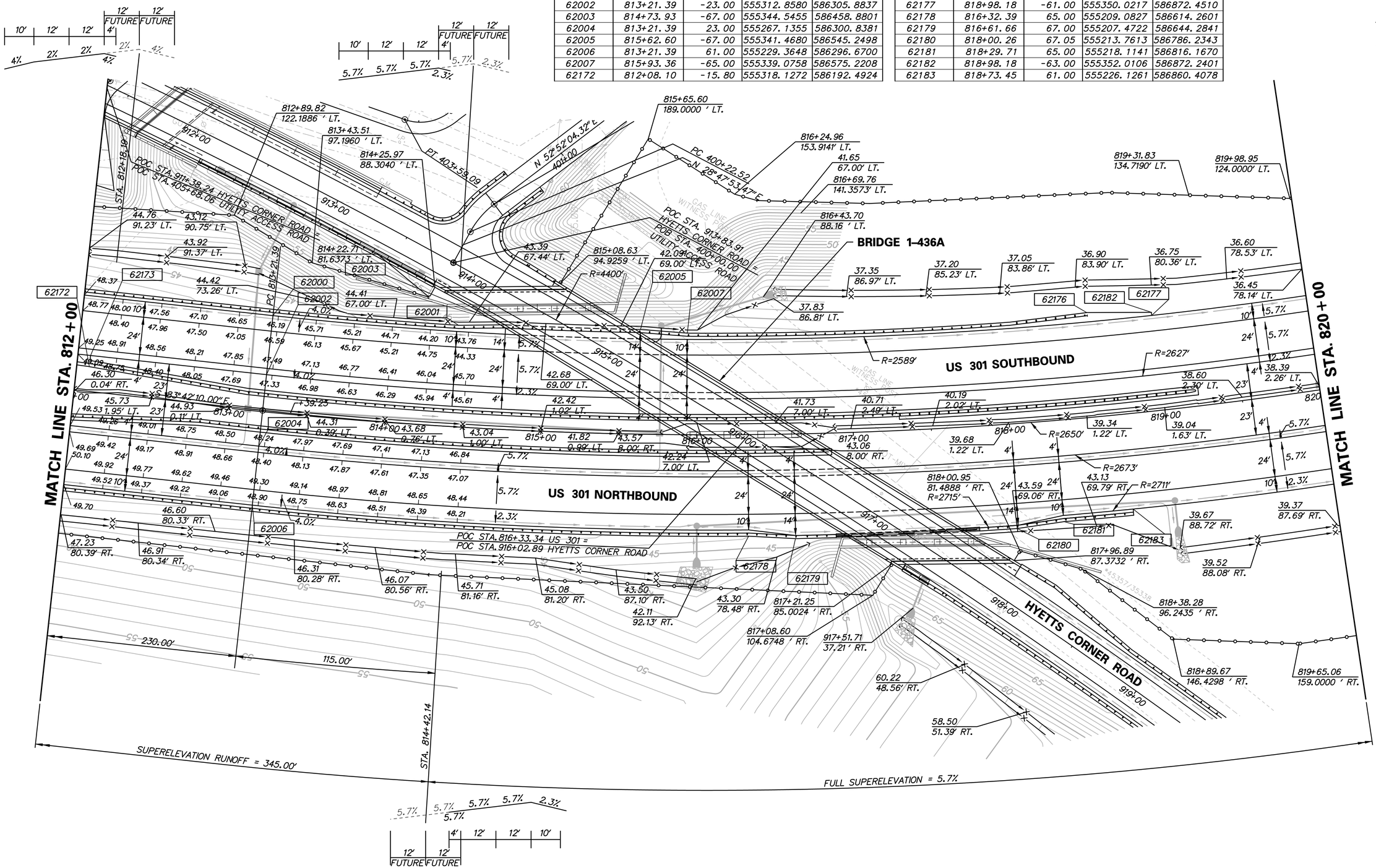
COORDINATE LIST				
POINT	STATION	OFFSET	NORTHING	EASTING
62000	813+21.39	-61.00	555350.6287	586310.0517
62001	814+43.16	-65.00	555344.2924	586428.8148
62002	813+21.39	-23.00	555312.8580	586305.8837
62003	814+73.93	-67.00	555344.5455	586458.8801
62004	813+21.39	23.00	555267.1355	586300.8381
62005	815+62.60	-67.00	555341.4680	586545.2498
62006	813+21.39	61.00	555229.3648	586296.6700
62007	815+93.36	-65.00	555339.0758	586575.2208
62172	812+08.10	-15.80	555318.1272	586192.4924

COORDINATE LIST				
POINT	STATION	OFFSET	NORTHING	EASTING
62173	812+08.10	-23.00	555325.2838	586193.2821
62176	818+55.98	-67.00	555351.8903	586830.8800
62177	818+98.18	-61.00	555350.0217	586872.4510
62178	816+32.39	65.00	555209.0827	586614.2601
62179	816+61.66	67.00	555207.4722	586644.2841
62180	818+00.26	67.05	555213.7613	586786.2343
62181	818+29.71	65.00	555218.1141	586816.1670
62182	818+98.18	-63.00	555352.0106	586872.2401
62183	818+73.45	61.00	555226.1261	586860.4078



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

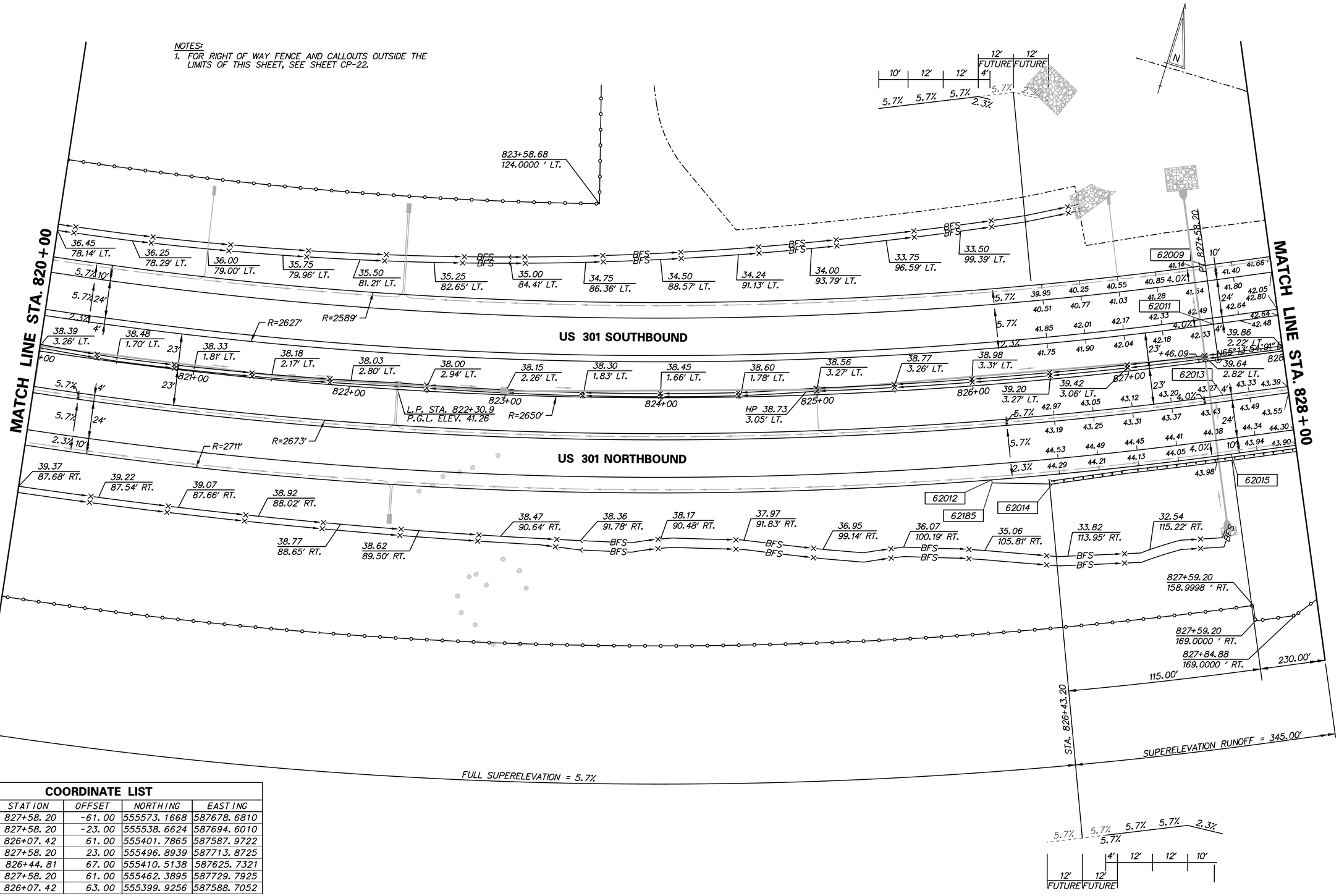
US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO. 1-5
T200911308	DESIGNED BY: K.S.B.
COUNTY	CHECKED BY: B.R.T.
NEW CASTLE	

GRADES & GEOMETRICS

GG-17
SHEET NO. 176
TOTAL SHTS. 875

NOTES:
1. FOR RIGHT OF WAY FENCE AND CALLOUTS OUTSIDE THE LIMITS OF THIS SHEET, SEE SHEET CP-22.



COORDINATE LIST

POINT	STATION	OFFSET	NORTHING	EASTING
62009	827+58.20	-61.00	555573.1668	587678.6810
62011	827+58.20	-23.00	555538.6624	587694.6010
62012	826+07.42	61.00	555401.7865	587587.9722
62013	827+58.20	23.00	555496.8939	587713.8725
62014	826+44.81	67.00	555410.5138	587625.7321
62015	827+58.20	61.00	555462.3895	587729.7925
62185	826+07.42	63.00	555399.9256	587588.7052

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

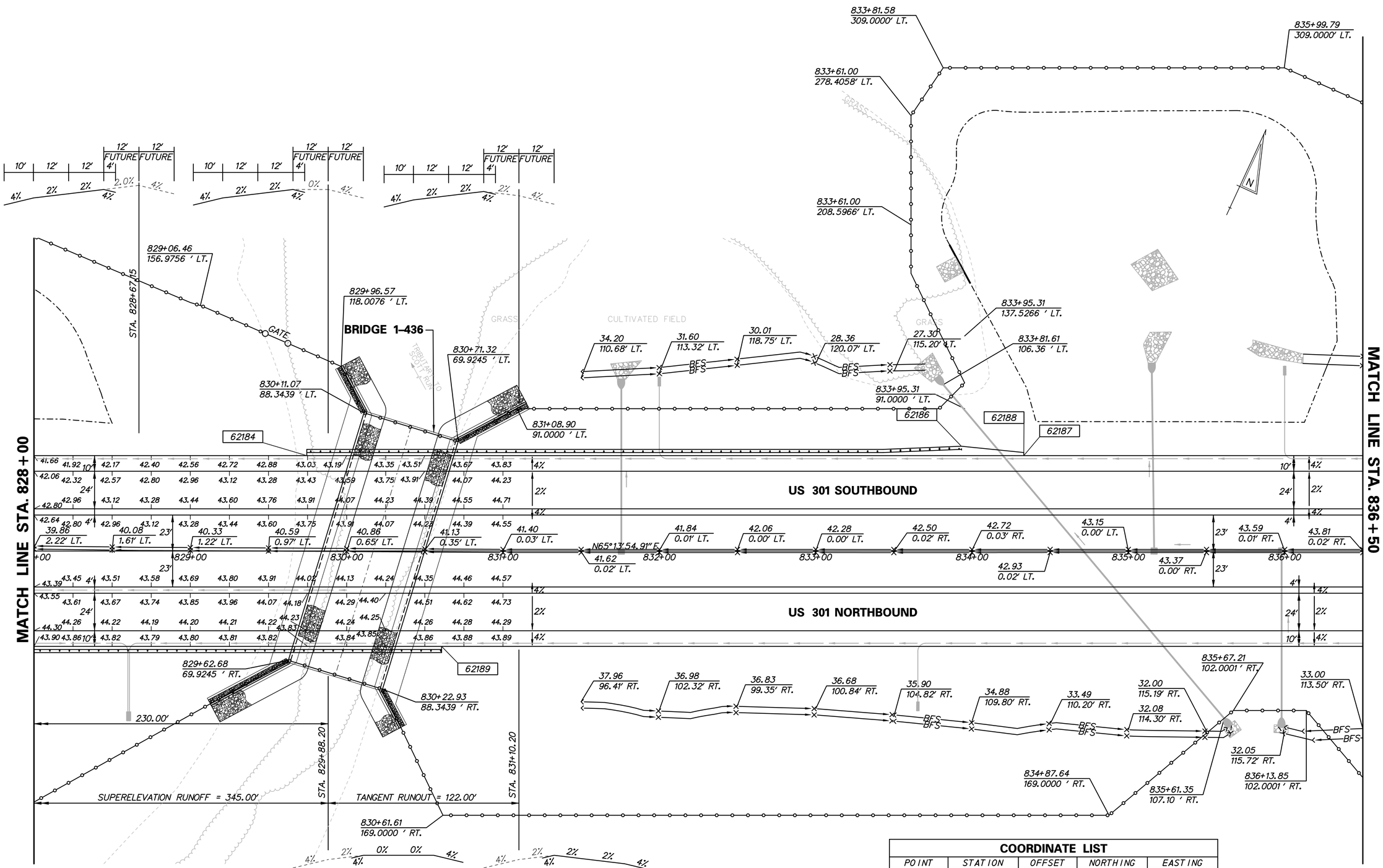
CONTRACT	BRIDGE NO.	
T200911308	DESIGNED BY: K.S.B.	
COUNTY		
NEW CASTLE	CHECKED BY: B.R.T.	

GRADES & GEOMETRICS

GG-18

SHEET NO. 177

TOTAL SHTS. 875



COORDINATE LIST

POINT	STATION	OFFSET	NORTHING	EASTING
62184	829+74.50	-61.00	555663.7876	587875.0897
62186	833+93.17	-67.00	555844.6331	588252.7344
62187	834+33.14	-61.00	555855.9326	588291.5386
62188	834+33.14	-63.00	555857.7486	588290.7008
62189	830+60.75	61.00	555589.1412	588004.5101

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO. 1-4
T200911308	DESIGNED BY: K.S.B.
COUNTY	
NEW CASTLE	CHECKED BY: B.R.T.

GRADES & GEOMETRICS

GG-19

SHEET NO. 178

TOTAL SHTS. 875

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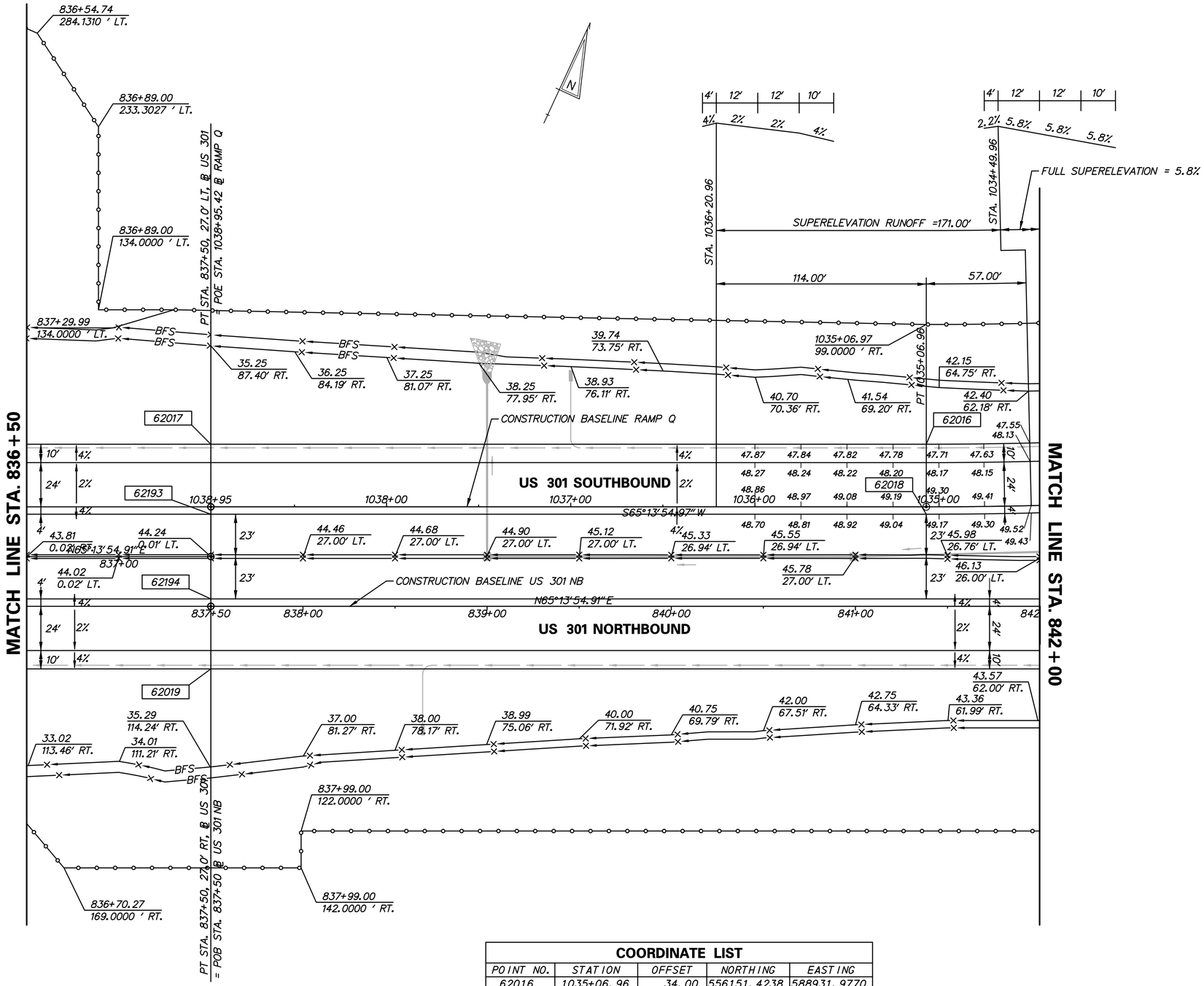

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
62016	1035+06.96	34.00	556151.4238	588931.9770
62017	837+50.00	-61.00	555988.6788	588579.2486
62018	1035+06.96	-4.00	556116.9194	588947.8970
62019	837+50.00	61.00	555877.9012	588630.3595
62193	837+50.00	-23.00	555954.1744	588595.1686
62194	837+50.00	23.00	555912.4056	588614.4395

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

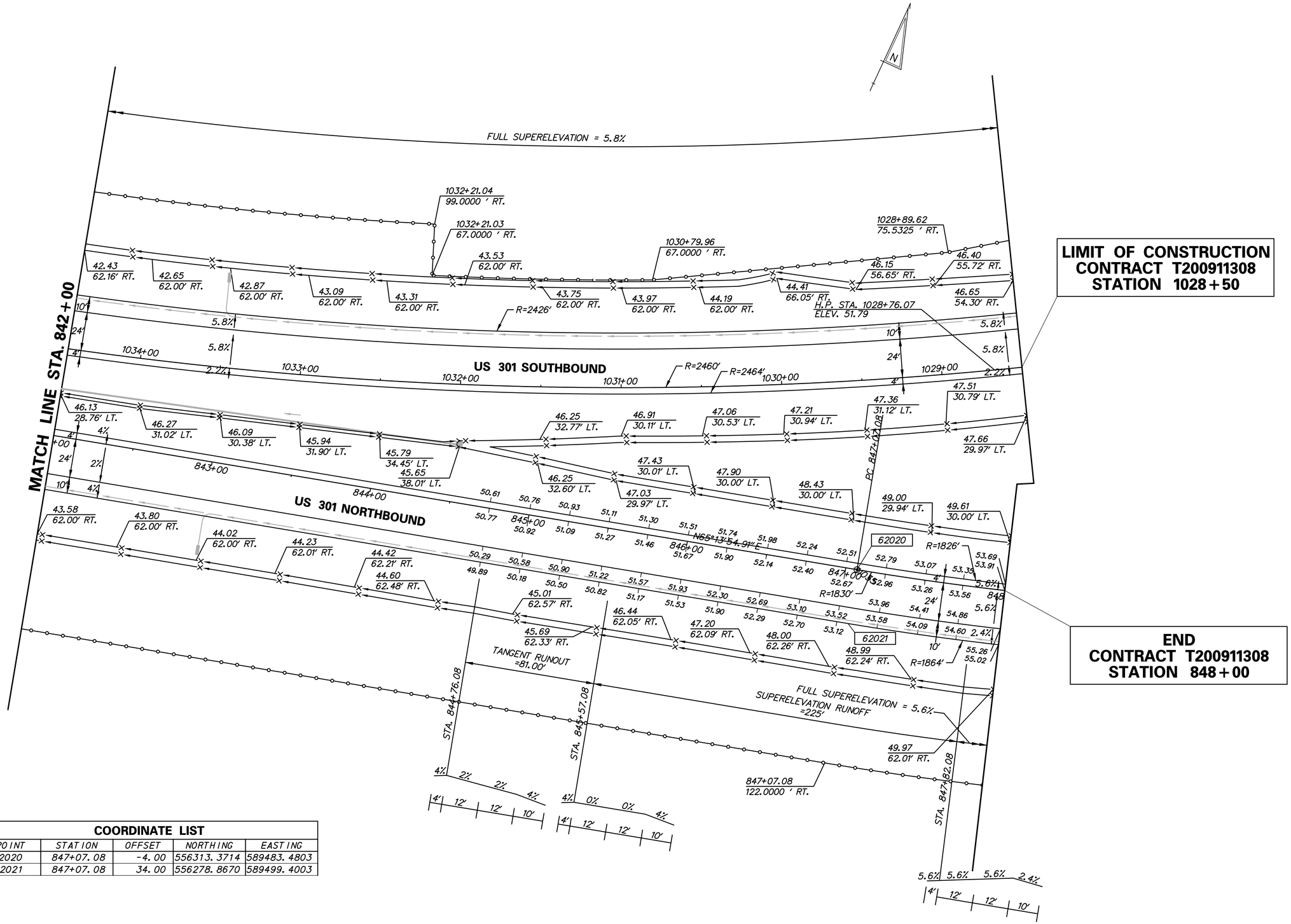
SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT T200911308
COUNTY NEW CASTLE
BRIDGE NO.
DESIGNED BY: K.S.B.
CHECKED BY: B.R.T.

GRADES & GEOMETRICS

GG-20
SHEET NO. 179
TOTAL SHTS. 875



LIMIT OF CONSTRUCTION
CONTRACT T200911308
STATION 1028+50

END
CONTRACT T200911308
STATION 848+00

COORDINATE LIST

POINT	STATION	OFFSET	NORTHING	EASTING
62020	847+07.08	-4.00	556313.3714	589483.4803
62021	847+07.08	34.00	556278.8670	589499.4003

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

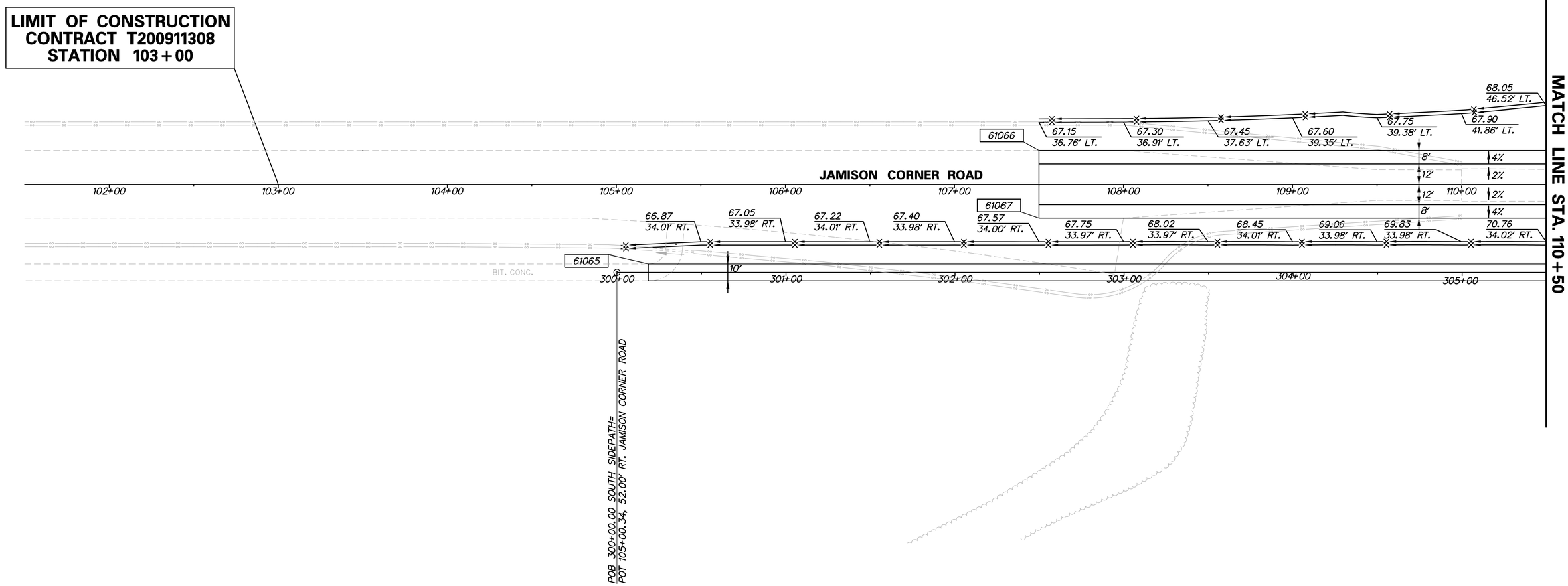
US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO.
T200911308	DESIGNED BY: K.S.B.
COUNTY	CHECKED BY: B.R.T.
NEW CASTLE	

GRADES & GEOMETRICS

GG-21
SHEET NO. 180
TOTAL SHTS. 875

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61065	105+19.09	47.00	553574.4128	582155.2474
61066	107+50.00	-20.00	553798.3371	582067.6878
61067	107+50.00	20.00	553801.9459	582107.5246



GG-22

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301, SR 896 TO SR 1	CONTRACT T200911308	BRIDGE NO.	GRADES & GEOMETRICS	SHEET NO. 181
				COUNTY NEW CASTLE	DESIGNED BY: KGMA		TOTAL SHTS. 875
					CHECKED BY: TAO		

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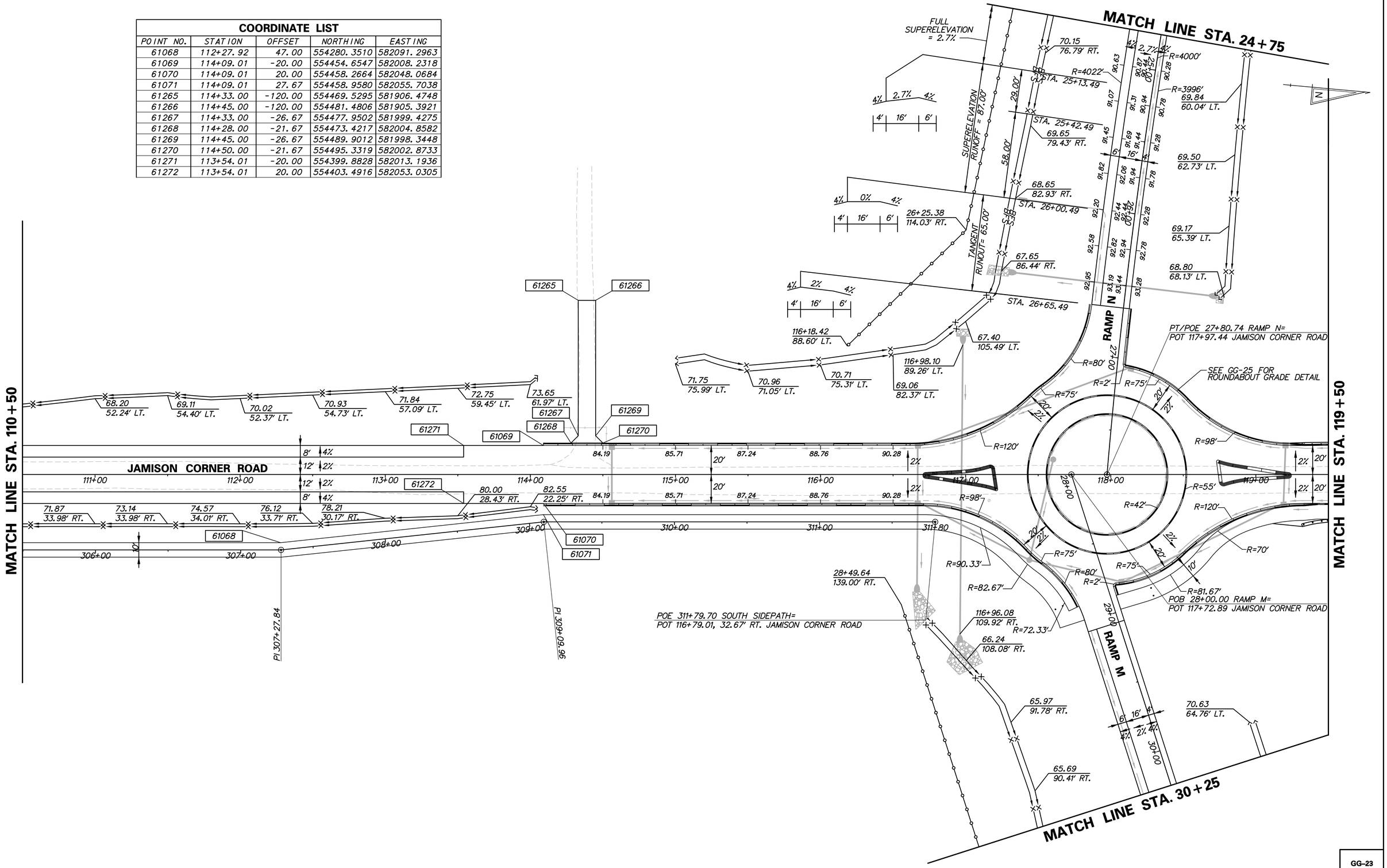
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61068	112+27.92	47.00	554280.3510	582091.2963
61069	114+09.01	-20.00	554454.6547	582008.2318
61070	114+09.01	20.00	554458.2664	582048.0684
61071	114+09.01	27.67	554458.9580	582055.7038
61265	114+33.00	-120.00	554469.5295	581906.4748
61266	114+45.00	-120.00	554481.4806	581905.3921
61267	114+33.00	-26.67	554477.9502	581999.4275
61268	114+28.00	-21.67	554473.4217	582004.8582
61269	114+45.00	-26.67	554489.9012	581998.3448
61270	114+50.00	-21.67	554495.3319	582002.8733
61271	113+54.01	-20.00	554399.8828	582013.1936
61272	113+54.01	20.00	554403.4916	582053.0305



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO.
T200911308	
COUNTY	DESIGNED BY: KGMA
NEW CASTLE	CHECKED BY: TAO

GRADES & GEOMETRICS

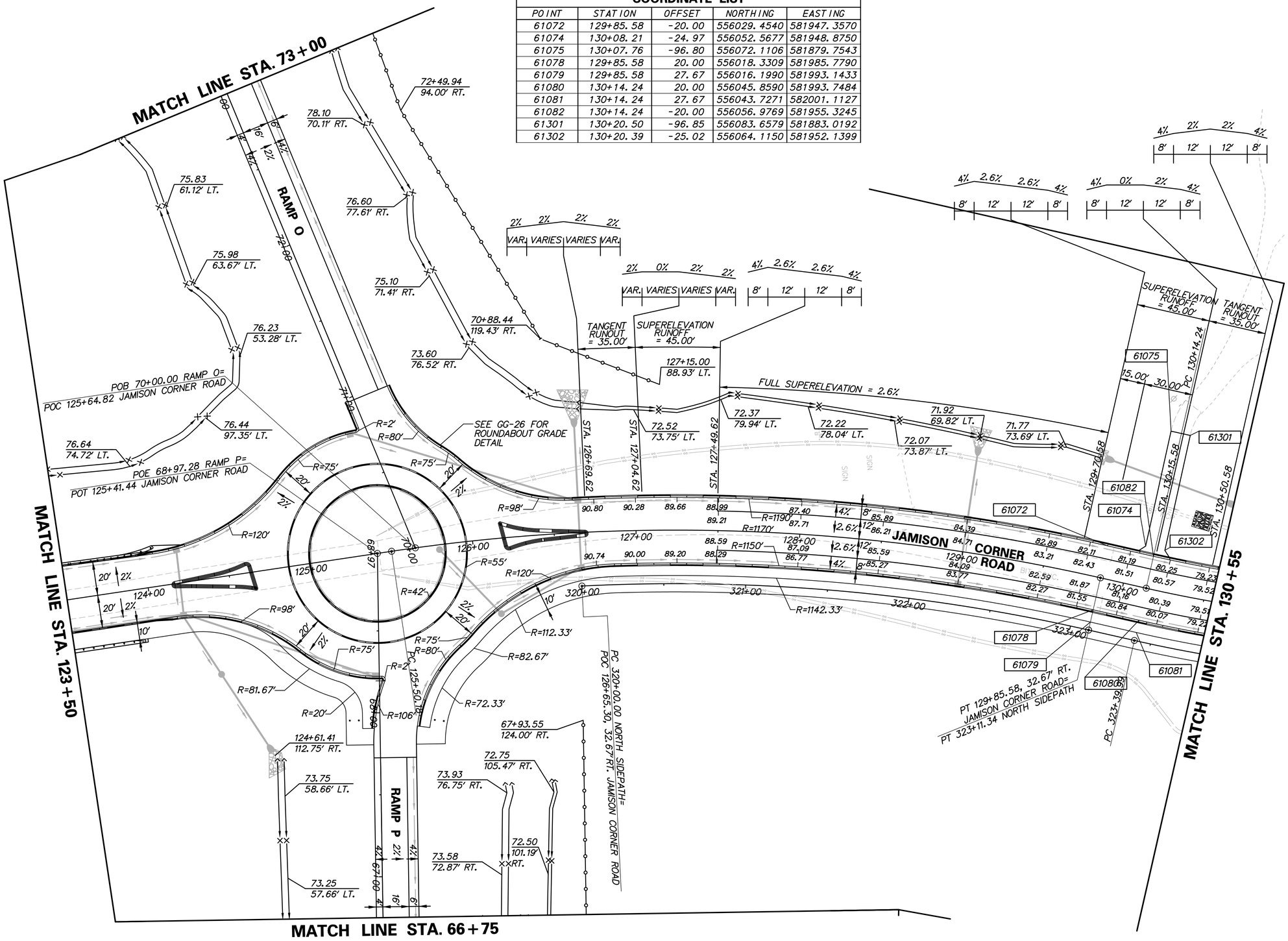
GG-23

SHEET NO. 182

TOTAL SHTS. 875

COORDINATE LIST

POINT	STATION	OFFSET	NORTHING	EASTING
61072	129+85.58	-20.00	556029.4540	581947.3570
61074	130+08.21	-24.97	556052.5677	581948.8750
61075	130+07.76	-96.80	556072.1106	581879.7543
61078	129+85.58	20.00	556018.3309	581985.7790
61079	129+85.58	27.67	556016.1990	581993.1433
61080	130+14.24	20.00	556045.8590	581993.7484
61081	130+14.24	27.67	556043.7271	582001.1127
61082	130+14.24	-20.00	556056.9769	581955.3245
61301	130+20.50	-96.85	556083.6579	581883.0192
61302	130+20.39	-25.02	556064.1150	581952.1399



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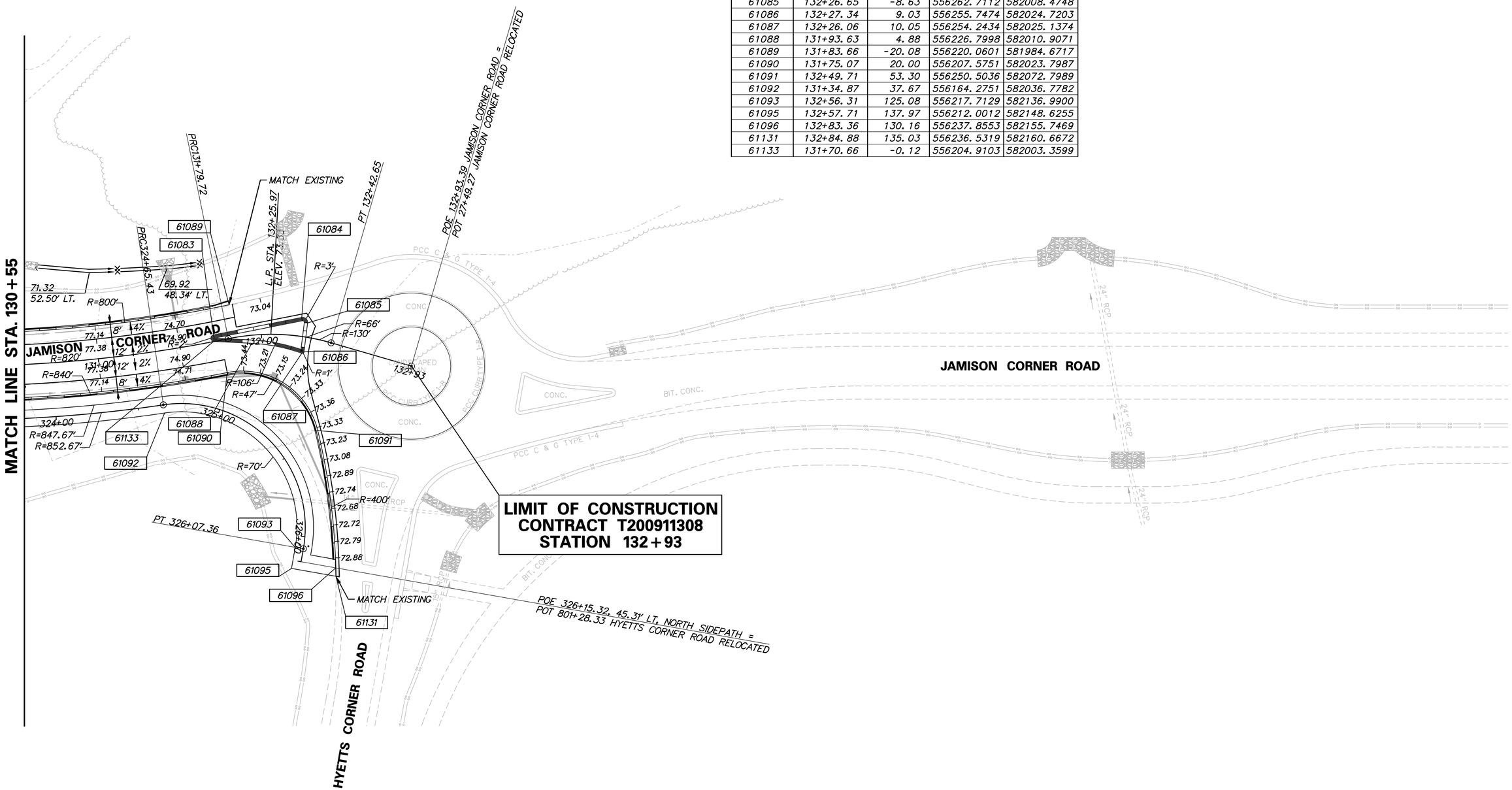
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301, SR 896 TO SR 1	CONTRACT T200911308 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: KGMA / CHECKED BY: TAO	GRADES AND GEOMETRICS

GG-24
SHEET NO. 183
TOTAL SHTS. 875

COORDINATE LIST				
POINT	STATION	OFFSET	NORTHING	EASTING
61083	131+71.36	-4.00	556205.9544	581999.5667
61084	132+22.94	-11.39	556260.2148	582004.3042
61085	132+26.65	-8.63	556262.7112	582008.4748
61086	132+27.34	9.03	556255.7474	582024.7203
61087	132+26.06	10.05	556254.2434	582025.1374
61088	131+93.63	4.88	556226.7998	582010.9071
61089	131+83.66	-20.08	556220.0601	581984.6717
61090	131+75.07	20.00	556207.5751	582023.7987
61091	132+49.71	53.30	556250.5036	582072.7989
61092	131+34.87	37.67	556164.2751	582036.7782
61093	132+56.31	125.08	556217.7129	582136.9900
61095	132+57.71	137.97	556212.0012	582148.6255
61096	132+83.36	130.16	556237.8553	582155.7469
61131	132+84.88	135.03	556236.5319	582160.6672
61133	131+70.66	-0.12	556204.9103	582003.3599



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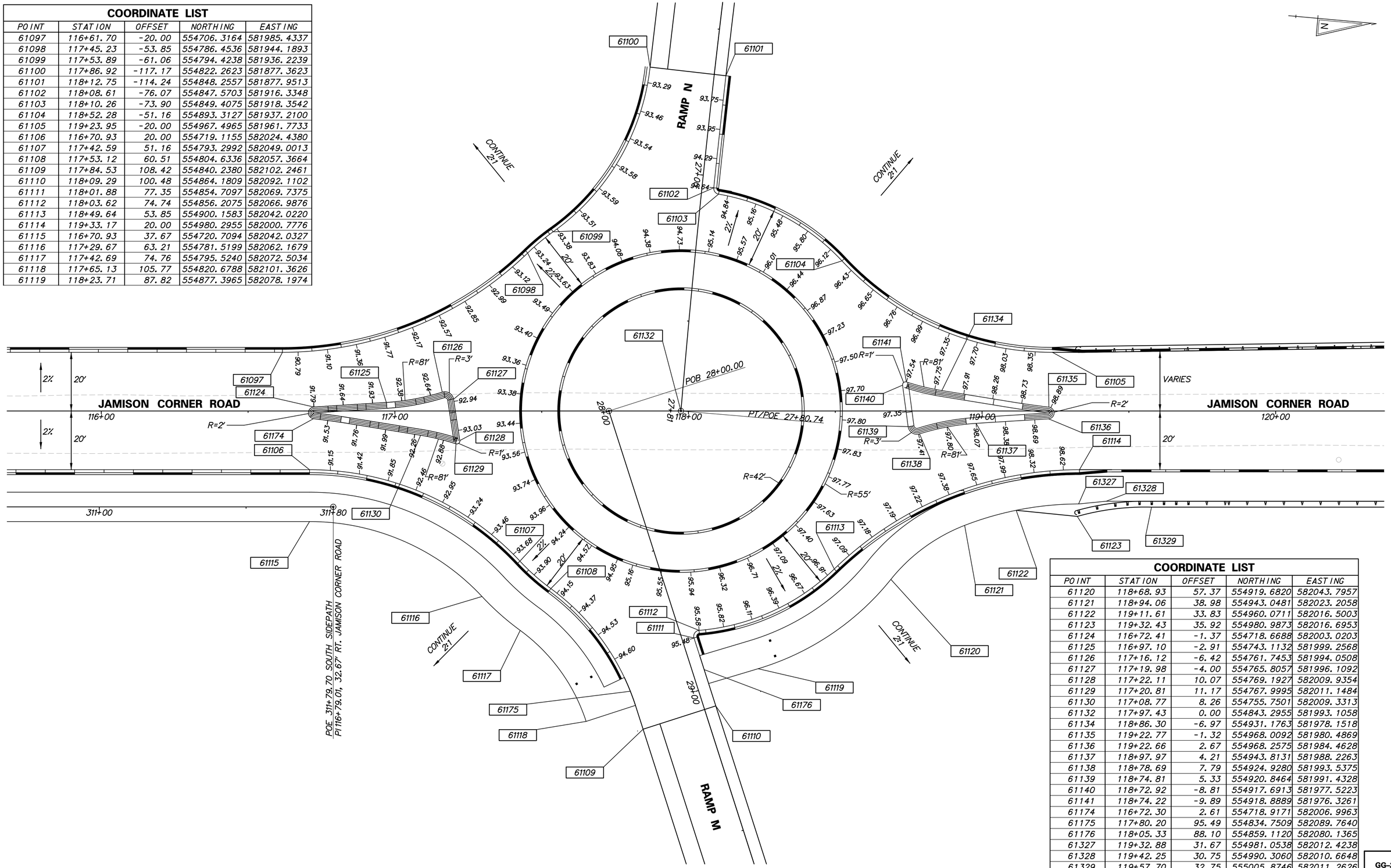
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301, SR 896 TO SR 1	CONTRACT T200911308	BRIDGE NO.	GRADES & GEOMETRICS	GG-25 SHEET NO. 184
				COUNTY NEW CASTLE	DESIGNED BY: KGMA		TOTAL SHTS. 875
					CHECKED BY: TAO		

COORDINATE LIST				
POINT	STATION	OFFSET	NORTHING	EASTING
61097	116+61.70	-20.00	554706.3164	581985.4337
61098	117+45.23	-53.85	554786.4536	581944.1893
61099	117+53.89	-61.06	554794.4238	581936.2239
61100	117+86.92	-117.17	554822.2623	581877.3623
61101	118+12.75	-114.24	554848.2557	581877.9513
61102	118+08.61	-76.07	554847.5703	581916.3348
61103	118+10.26	-73.90	554849.4075	581918.3542
61104	118+52.28	-51.16	554893.3127	581937.2100
61105	119+23.95	-20.00	554967.4965	581961.7733
61106	116+70.93	20.00	554719.1155	582024.4380
61107	117+42.59	51.16	554793.2992	582049.0013
61108	117+53.12	60.51	554804.6336	582057.3664
61109	117+84.53	108.42	554840.2380	582102.2461
61110	118+09.29	100.48	554864.1809	582092.1102
61111	118+01.88	77.35	554854.7097	582069.7375
61112	118+03.62	74.74	554856.2075	582066.9876
61113	118+49.64	53.85	554900.1583	582042.0220
61114	119+33.17	20.00	554980.2955	582000.7776
61115	116+70.93	37.67	554720.7094	582042.0327
61116	117+29.67	63.21	554781.5199	582062.1679
61117	117+42.69	74.76	554795.5240	582072.5034
61118	117+65.13	105.77	554820.6788	582101.3626
61119	118+23.71	87.82	554877.3965	582078.1974



COORDINATE LIST				
POINT	STATION	OFFSET	NORTHING	EASTING
61120	118+68.93	57.37	554919.6820	582043.7957
61121	118+94.06	38.98	554943.0481	582023.2058
61122	119+11.61	33.83	554960.0711	582016.5003
61123	119+32.43	35.92	554980.9873	582016.6953
61124	116+72.41	-1.37	554718.6688	582003.0203
61125	116+97.10	-2.91	554743.1132	581999.2568
61126	117+16.12	-6.42	554761.7453	581994.0508
61127	117+19.98	-4.00	554765.8057	581996.1092
61128	117+22.11	10.07	554769.1927	582009.9354
61129	117+20.81	11.17	554767.9995	582011.1484
61130	117+08.77	8.26	554755.7501	582009.3313
61132	117+97.43	0.00	554843.2955	581993.1058
61134	118+86.30	-6.97	554931.1763	581978.1518
61135	119+22.77	-1.32	554968.0092	581980.4869
61136	119+22.66	2.67	554968.2575	581984.4628
61137	118+97.97	4.21	554943.8131	581988.2263
61138	118+78.69	7.79	554924.9280	581993.5375
61139	118+74.81	5.33	554920.8464	581991.4328
61140	118+72.92	-8.81	554917.6913	581977.5223
61141	118+74.22	-9.89	554918.8889	581976.3261
61174	116+72.30	2.61	554718.9171	582006.9963
61175	117+80.20	95.49	554834.7509	582089.7640
61176	118+05.33	88.10	554859.1120	582080.1365
61327	119+32.88	31.67	554981.0538	582012.4238
61328	119+42.25	30.75	554990.3060	582010.6648
61329	119+57.70	32.75	555005.8746	582011.2626

GG-26

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 15 30 45 FEET

US 301, SR 896 TO SR 1

CONTRACT T200911308 | COUNTY NEW CASTLE | BRIDGE NO. | DESIGNED BY: KGMA | CHECKED BY: TAO

GRADES & GEOMETRICS

SHEET NO. 185 | TOTAL SHTS. 875

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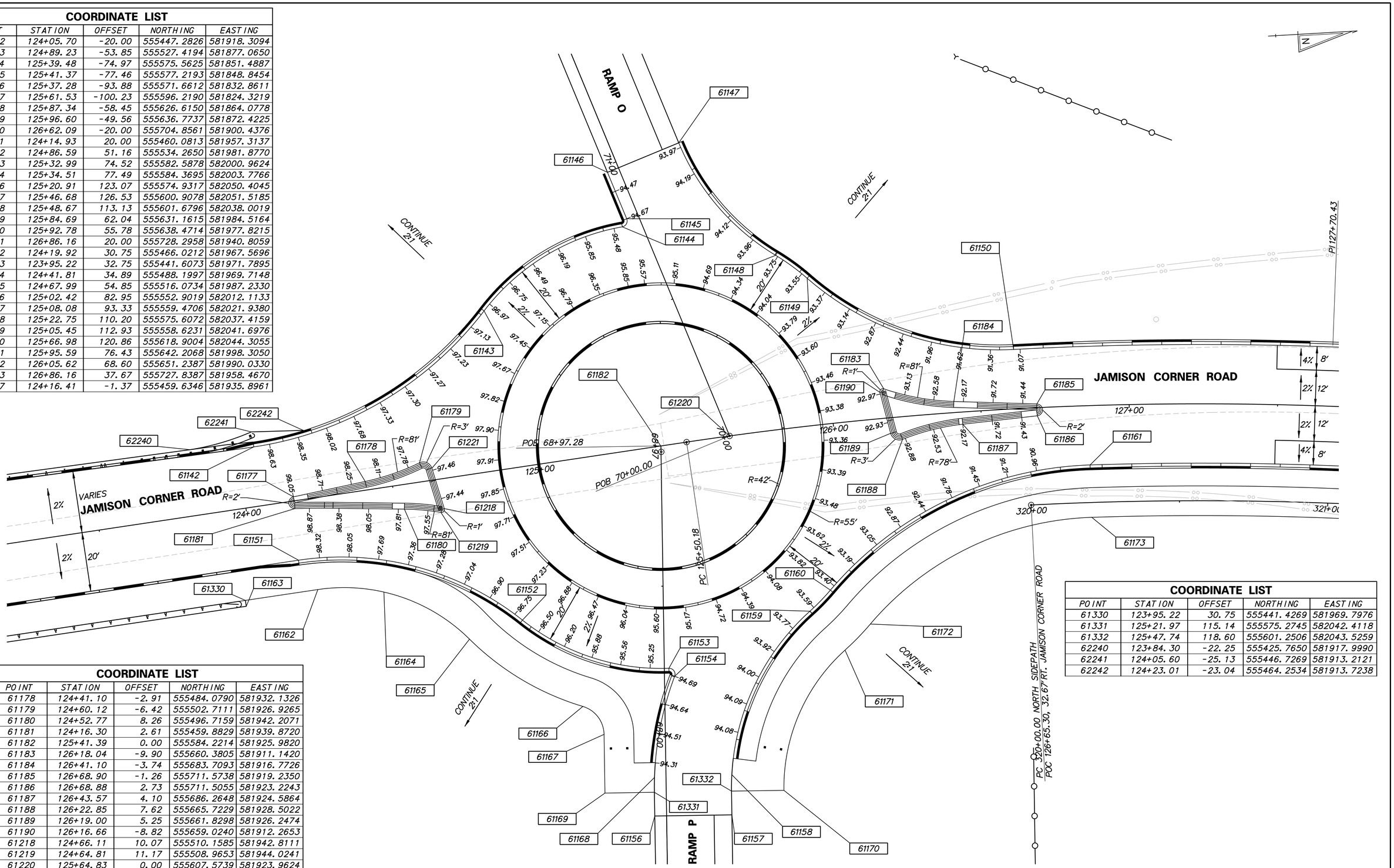
COORDINATE LIST				
POINT	STATION	OFFSET	NORTHING	EASTING
61142	124+05.70	-20.00	555447.2826	581918.3094
61143	124+89.23	-53.85	555527.4194	581877.0650
61144	125+39.48	-74.97	555575.5625	581851.4887
61145	125+41.37	-77.46	555577.2193	581848.8454
61146	125+37.28	-93.88	555571.6612	581832.8611
61147	125+61.53	-100.23	555596.2190	581824.3219
61148	125+87.34	-58.45	555626.6150	581864.0778
61149	125+96.60	-49.56	555636.7737	581872.4225
61150	126+62.09	-20.00	555704.8561	581900.4376
61151	124+14.93	20.00	555460.0813	581957.3137
61152	124+86.59	51.16	555534.2650	581981.8770
61153	125+32.99	74.52	555582.5878	582000.9624
61154	125+34.51	77.49	555584.3695	582003.7766
61156	125+20.91	123.07	555574.9317	582050.4045
61157	125+46.68	126.53	555600.9078	582051.5185
61158	125+48.67	113.13	555601.6796	582038.0019
61159	125+84.69	62.04	555631.1615	581984.5164
61160	125+92.78	55.78	555638.4714	581977.8215
61161	126+86.16	20.00	555728.2958	581940.8059
61162	124+19.92	30.75	555466.0212	581967.5696
61163	123+95.22	32.75	555441.6073	581971.7895
61164	124+41.81	34.89	555488.1997	581969.7148
61165	124+67.99	54.85	555516.0734	581987.2330
61166	125+02.42	82.95	555552.9019	582012.1133
61167	125+08.08	93.33	555559.4706	582021.9380
61168	125+22.75	110.20	555575.6072	582037.4159
61169	125+05.45	112.93	555558.6231	582041.6976
61170	125+66.98	120.86	555618.9004	582044.3055
61171	125+95.59	76.43	555642.2068	581998.3050
61172	126+05.62	68.60	555651.2387	581990.0330
61173	126+86.16	37.67	555727.8387	581958.4670
61177	124+16.41	-1.37	555459.6346	581935.8961



COORDINATE LIST				
POINT	STATION	OFFSET	NORTHING	EASTING
61178	124+41.10	-2.91	555484.0790	581932.1326
61179	124+60.12	-6.42	555502.7111	581926.9265
61180	124+52.77	8.26	555496.7159	581942.2071
61181	124+16.30	2.61	555459.8829	581939.8720
61182	125+41.39	0.00	555584.2214	581925.9820
61183	126+18.04	-9.90	555660.3805	581911.1420
61184	126+41.10	-3.74	555683.7093	581916.7726
61185	126+68.90	-1.26	555711.5738	581919.2350
61186	126+68.88	2.73	555711.5055	581923.2243
61187	126+43.57	4.10	555686.2648	581924.5864
61188	126+22.85	7.62	555665.7229	581928.5022
61189	126+19.00	5.25	555661.8298	581926.2474
61190	126+16.66	-8.82	555659.0240	581912.2653
61218	124+66.11	10.07	555510.1585	581942.8111
61219	124+64.81	11.17	555508.9653	581944.0241
61220	125+64.83	0.00	555607.5739	581923.9624
61221	124+63.98	-4.00	555506.7715	581928.9849

COORDINATE LIST				
POINT	STATION	OFFSET	NORTHING	EASTING
61330	123+95.22	30.75	555441.4269	581969.7976
61331	125+21.97	115.14	555575.2745	582042.4118
61332	125+47.74	118.60	555601.2506	582043.5259
62240	123+84.30	-22.25	555425.7650	581917.9990
62241	124+05.60	-25.13	555446.7269	581913.2121
62242	124+23.01	-23.04	555464.2534	581913.7238

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 15 30 45 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO.	
T200911308	DESIGNED BY: KGMA	
COUNTY		
NEW CASTLE	CHECKED BY: TAO	

GRADES & GEOMETRICS

GG-27

SHEET NO. 186

TOTAL SHTS. 875

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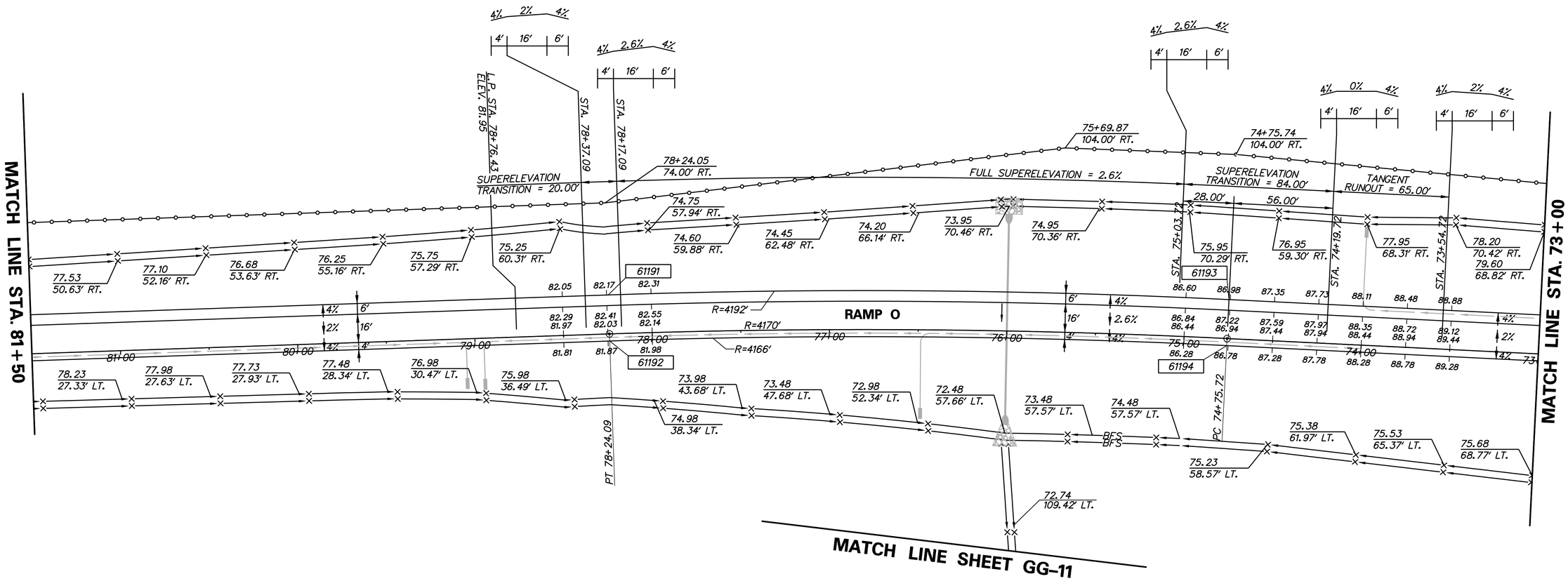
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61191	78+24.09	22.00	555343.4168	581141.8091
61192	78+24.09	-4.00	555319.6573	581152.3677
61193	74+75.72	22.00	555472.1117	581467.4048
61194	74+75.72	-4.00	555447.5540	581475.9440



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301, SR 896 TO SR 1	CONTRACT T200911308 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: KGMA / CHECKED BY: TAO	GRADES & GEOMETRICS

GG-28

SHEET NO. 187

TOTAL SHTS. 875

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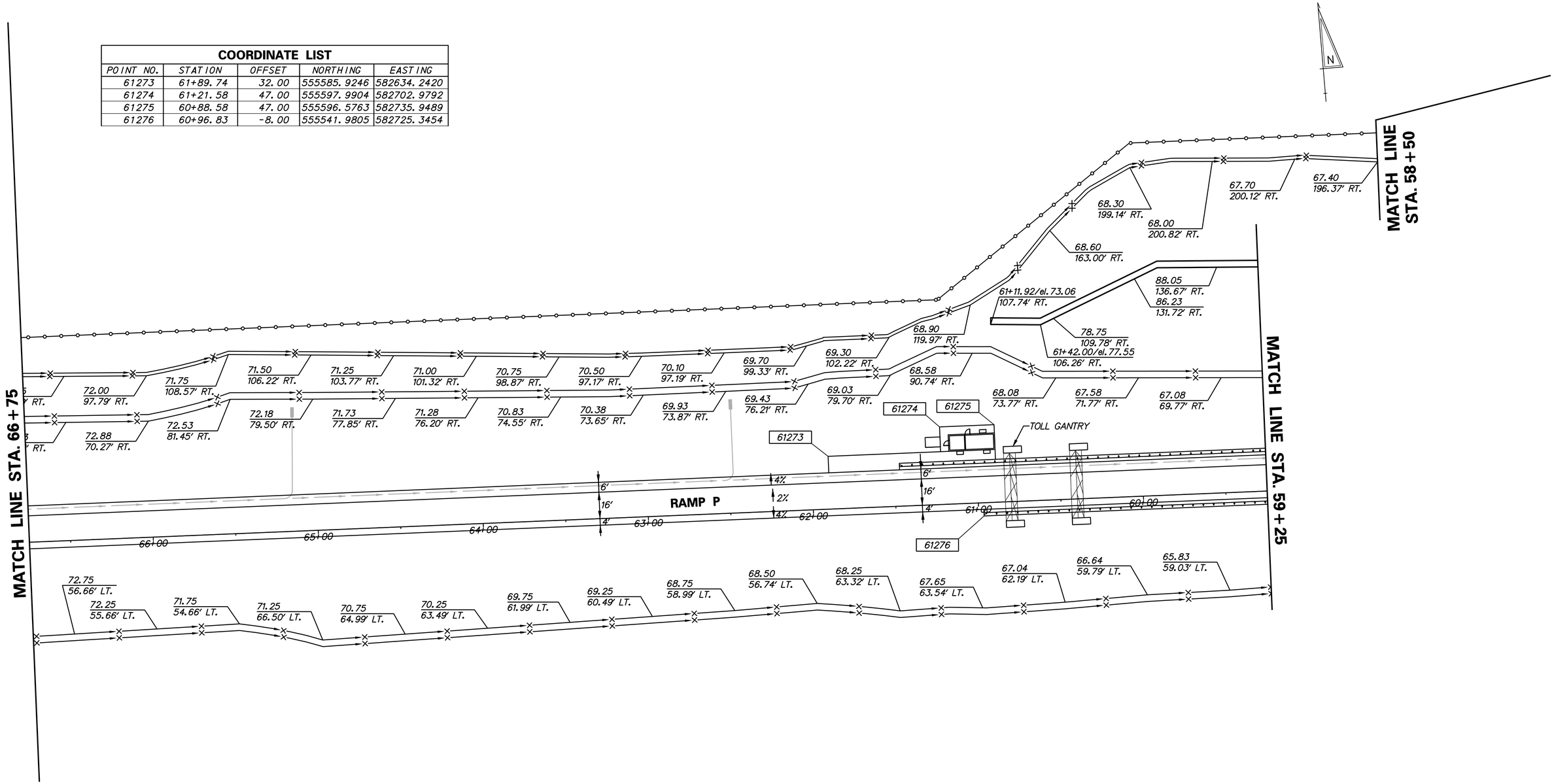
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61273	61+89.74	32.00	555585.9246	582634.2420
61274	61+21.58	47.00	555597.9904	582702.9792
61275	60+88.58	47.00	555596.5763	582735.9489
61276	60+96.83	-8.00	555541.9805	582725.3454



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

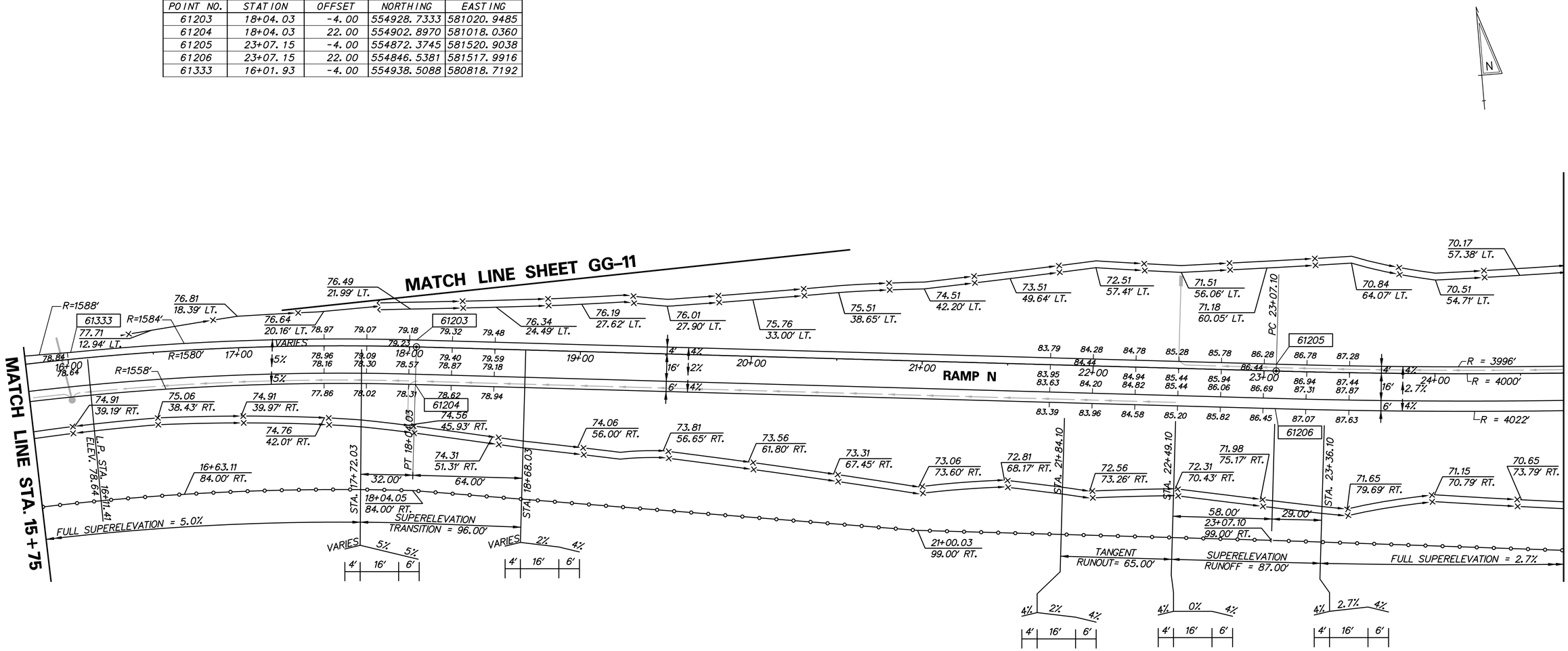
US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO.
T200911308	DESIGNED BY: KGMA
COUNTY	
NEW CASTLE	CHECKED BY: TAO

GRADES & GEOMETRICS

GG–29
SHEET NO.
188
TOTAL SHTS.
875

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61203	18+04.03	-4.00	554928.7333	581020.9485
61204	18+04.03	22.00	554902.8970	581018.0360
61205	23+07.15	-4.00	554872.3745	581520.9038
61206	23+07.15	22.00	554846.5381	581517.9916
61333	16+01.93	-4.00	554938.5088	580818.7192



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301, SR 896 TO SR 1	CONTRACT T200911308 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: KGMA / CHECKED BY: TAO	GRADES & GEOMETRICS

GG-30

SHEET NO. 189

TOTAL SHTS. 875

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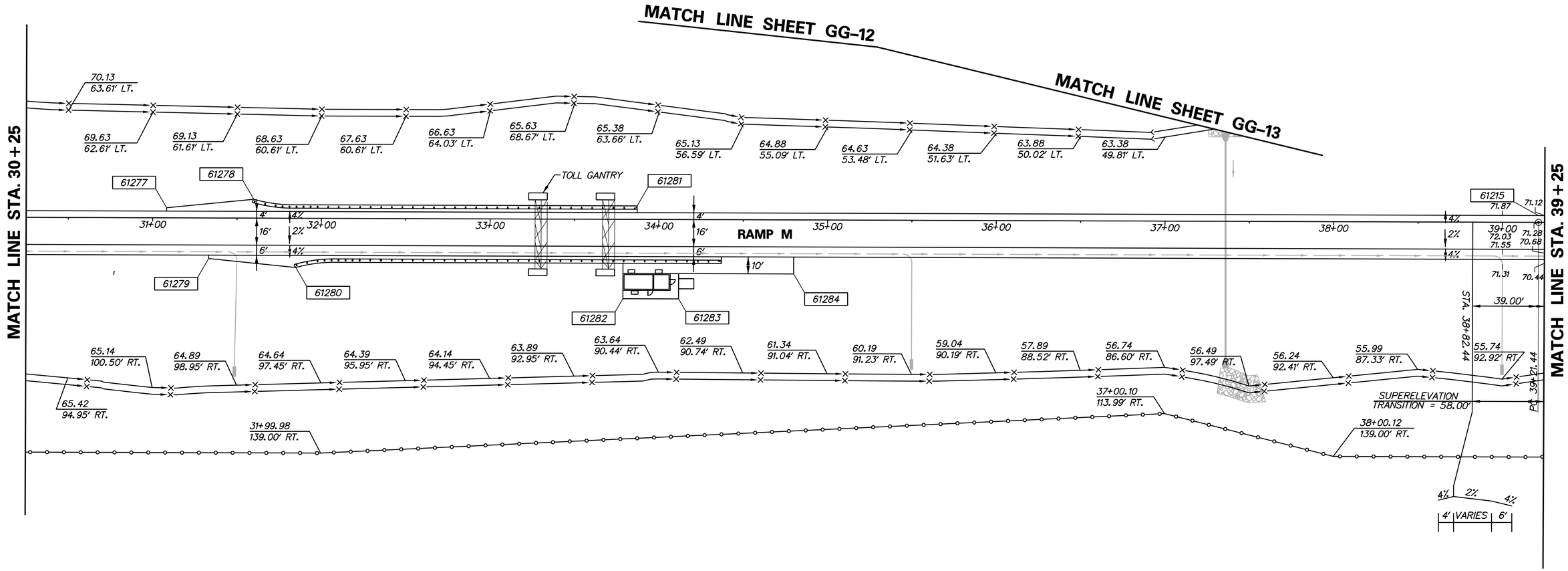
COORDINATE LIST				
POINT	STATION	OFFSET	NORTHING	EASTING
61215	39+21.44	-4.00	555259.7320	583026.4770
61277	31+08.25	-6.00	554944.5584	582276.8467
61278	31+59.91	-11.16	554969.4509	582322.3983
61279	31+33.25	24.00	554926.6781	582311.5642
61280	31+84.91	29.16	554942.0576	582361.1430
61281	33+87.11	-8.00	555055.1111	582532.8629
61282	33+78.84	47.00	555001.2374	582546.6858
61283	34+11.84	47.00	555014.1022	582577.0749
61284	34+70.00	32.00	555054.4866	582633.9935



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

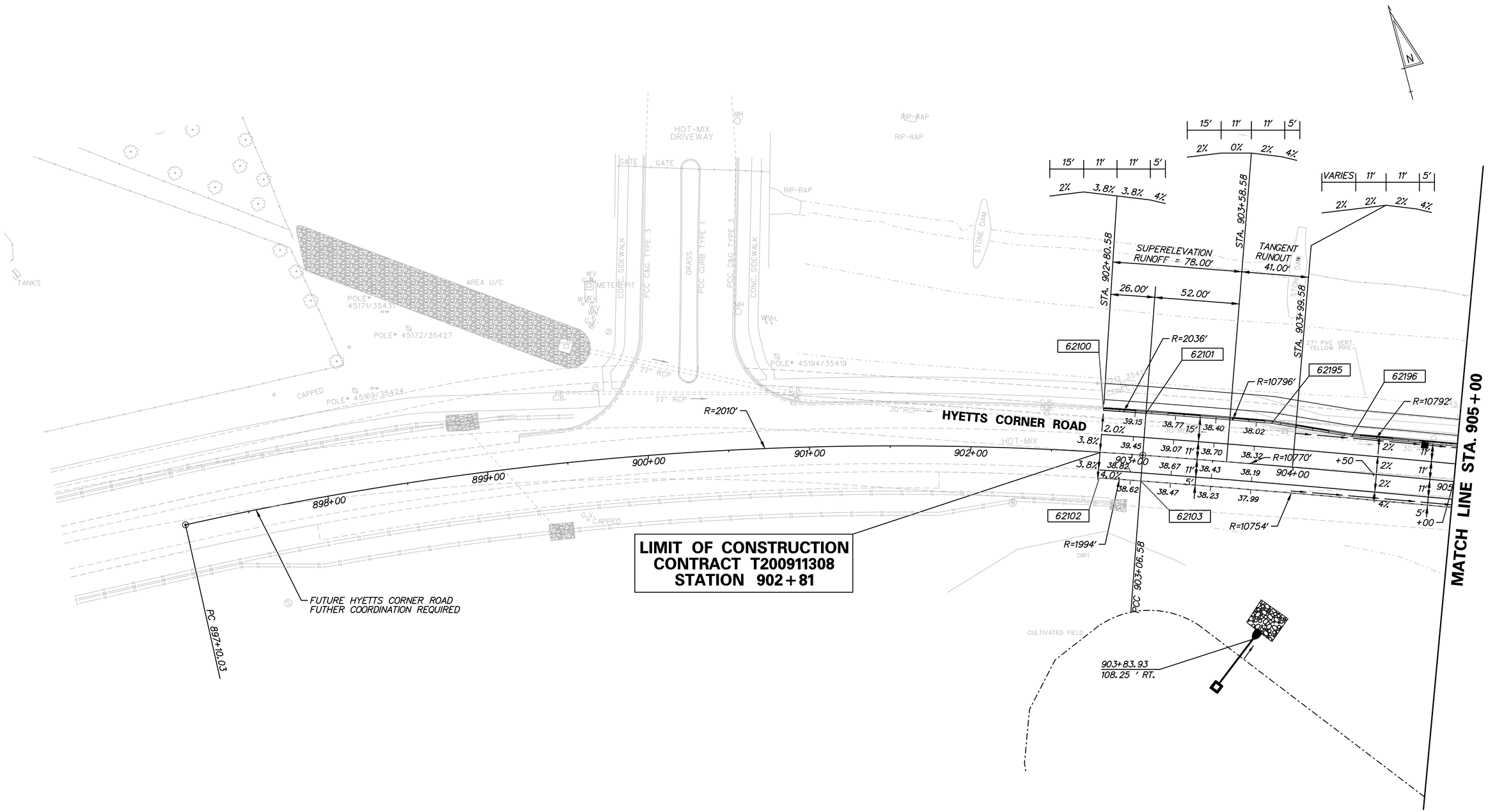
SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO.
T200911308	DESIGNED BY: KGMA
COUNTY	
NEW CASTLE	CHECKED BY: TAO

GRADES & GEOMETRICS

GG-31
SHEET NO.
190
TOTAL SHTS.
875



COORDINATE LIST				
POINT	STATION	OFFSET	NORTHING	EASTING
62100	902+80.58	-26.00	555886.7694	585257.5069
62101	903+06.59	-26.00	555827.9874	585443.0449
62102	902+80.58	16.00	555796.5751	585404.8735
62103	903+06.58	16.00	555788.2980	585429.3037
62195	903+84.46	-26.00	555802.1936	585516.7234
62196	904+34.46	-22.00	555781.5871	585562.5767

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE
0 30 60 90
FEET

US 301, SR 896 TO SR 1

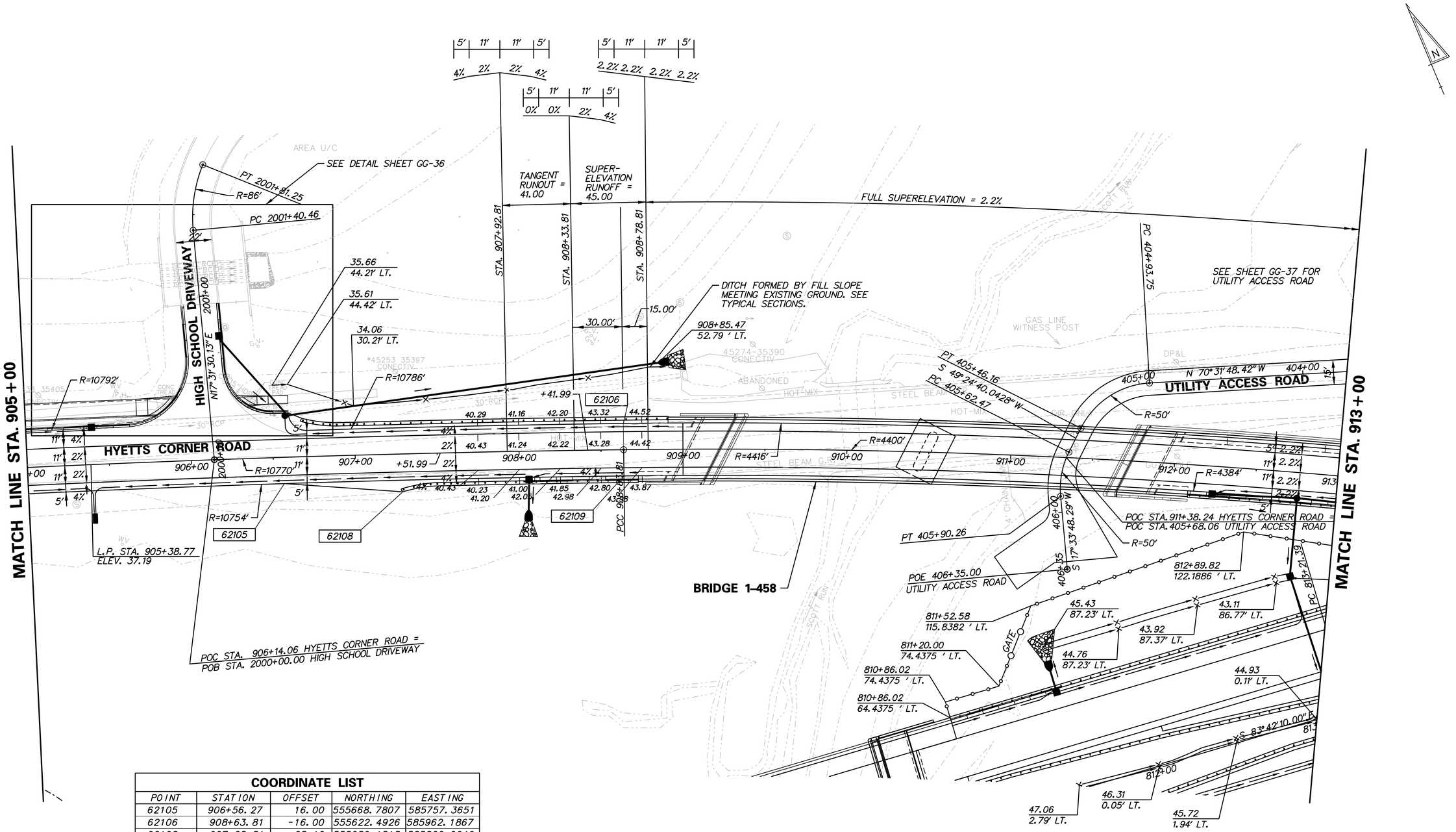
CONTRACT	BRIDGE NO.
T200911308	DESIGNED BY: K.S.B.
COUNTY	CHECKED BY: B.R.T.
NEW CASTLE	

GRADES & GEOMETRICS

GG-32

SHEET NO. 191

TOTAL SHTS. 875



COORDINATE LIST				
POINT	STATION	OFFSET	NORTHING	EASTING
62105	906+56.27	16.00	555668.7807	585757.3651
62106	908+63.81	-16.00	555622.4926	585962.1867
62108	907+28.51	23.10	555636.1513	585822.0646
62109	908+63.81	16.00	555592.8336	585950.1725

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

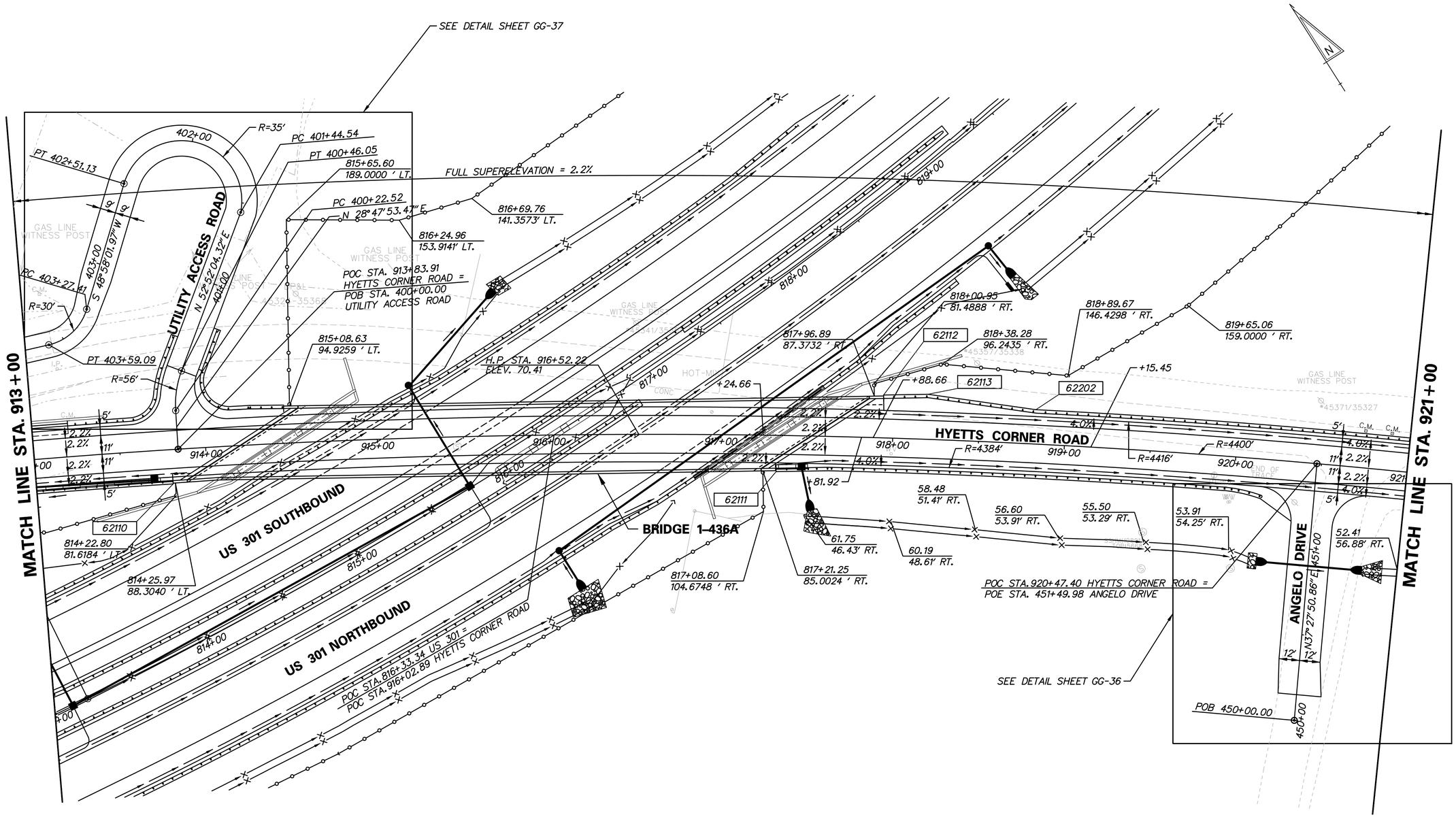
US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO. 1-6
T200911308	DESIGNED BY: K.S.B.
COUNTY	
NEW CASTLE	CHECKED BY: B.R.T.

GRADES & GEOMETRICS

GG-33

SHEET NO.
192
TOTAL SHTS.
875



COORDINATE LIST				
POINT	STATION	OFFSET	NORTHING	EASTING
62110	913+79.78	20.00	555368.8517	586412.3354
62111	917+32.48	21.11	555186.7891	586712.3881
62112	917+93.93	-24.95	555190.9125	586789.0902
62113	918+19.60	-26.24	555177.4208	586811.1465
62202	918+82.42	-20.00	555136.1676	586859.3566

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO. 1-5
T200911308	DESIGNED BY: K.S.B.
COUNTY	
NEW CASTLE	CHECKED BY: B.R.T.

GRADES & GEOMETRICS

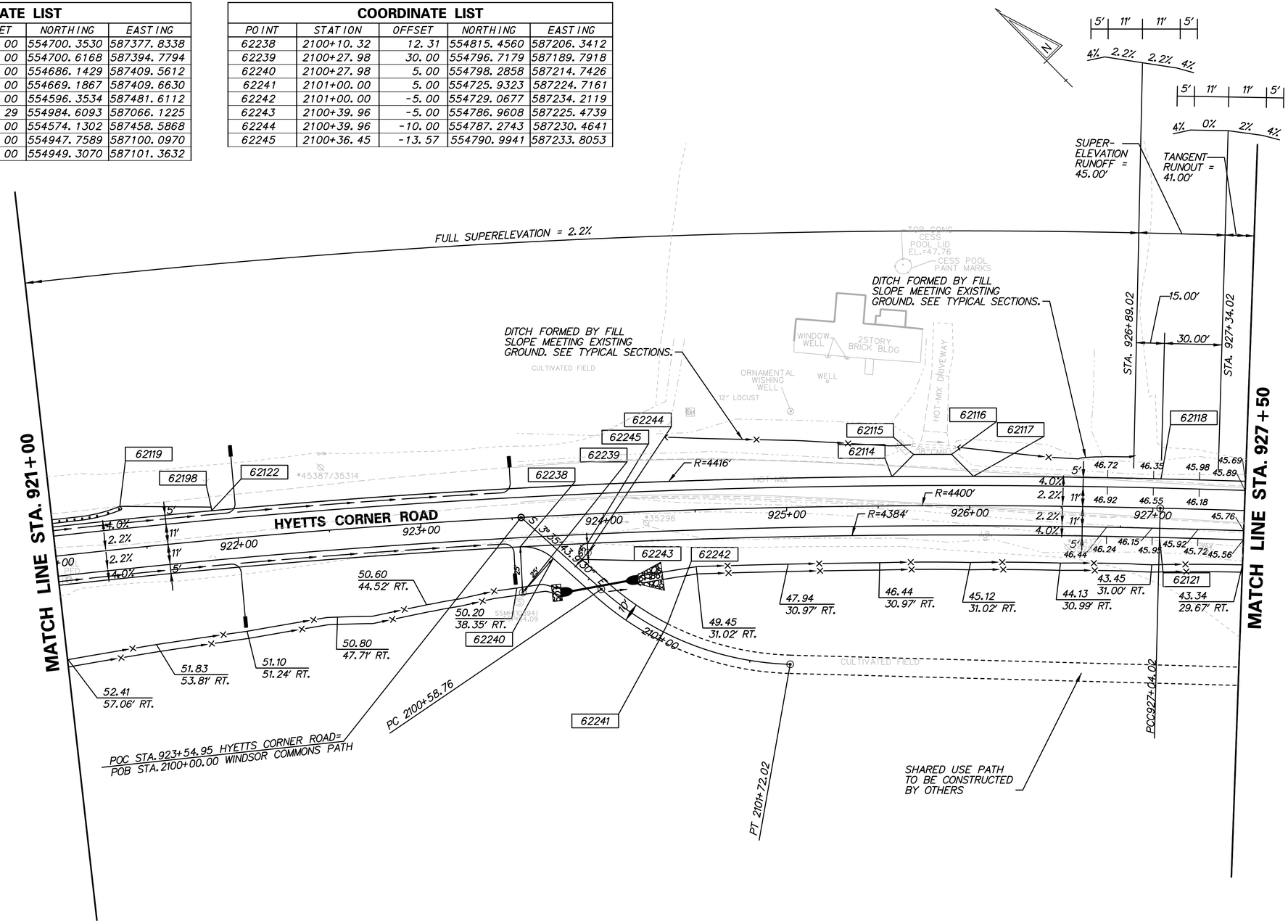
GG-34

SHEET NO. 193

TOTAL SHTS. 875

COORDINATE LIST				
POINT	STATION	OFFSET	NORTHING	EASTING
62114	925+57.62	-16.00	554700.3530	587377.8338
62115	925+69.53	-28.00	554700.6168	587394.7794
62116	925+90.09	-28.00	554686.1429	587409.5612
62117	926+02.01	-16.00	554669.1867	587409.6630
62118	927+04.02	-16.00	554596.3534	587481.6112
62119	921+37.54	-23.29	554984.6093	587066.1225
62121	927+04.02	16.00	554574.1302	587458.5868
62122	921+86.91	-16.00	554947.7589	587100.0970
62198	921+86.91	-18.00	554949.3070	587101.3632

COORDINATE LIST				
POINT	STATION	OFFSET	NORTHING	EASTING
62238	2100+10.32	12.31	554815.4560	587206.3412
62239	2100+27.98	30.00	554796.7179	587189.7918
62240	2100+27.98	5.00	554798.2858	587214.7426
62241	2101+00.00	5.00	554725.9323	587224.7161
62242	2101+00.00	-5.00	554729.0677	587234.2119
62243	2100+39.96	-5.00	554786.9608	587225.4739
62244	2100+39.96	-10.00	554787.2743	587230.4641
62245	2100+36.45	-13.57	554790.9941	587233.8053



DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO.
T200911308	DESIGNED BY: K.S.B.
COUNTY	CHECKED BY: B.R.T.
NEW CASTLE	

GRADES & GEOMETRICS

GG-35

SHEET NO.
194
TOTAL SHTS.
875

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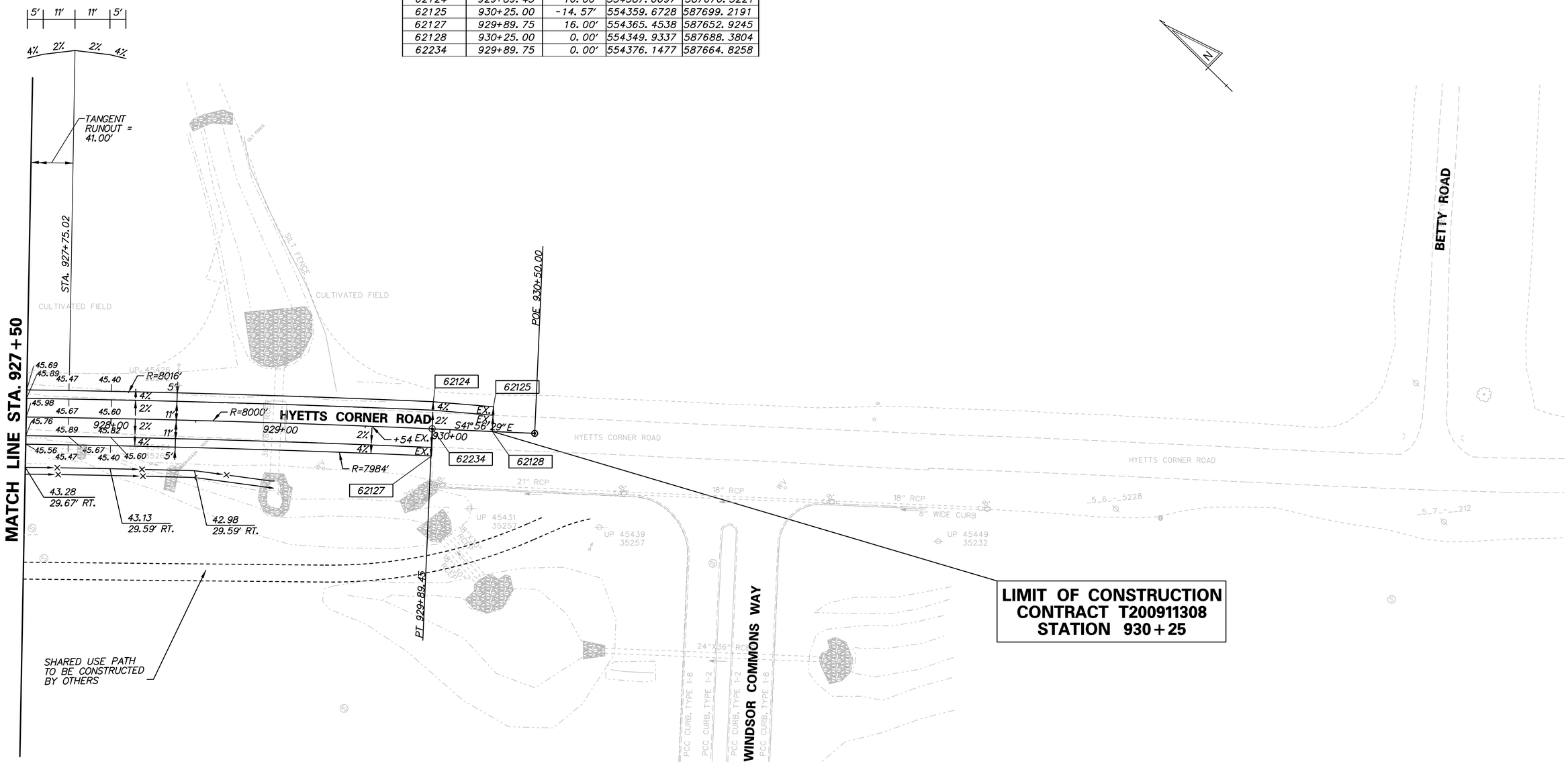
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
62124	929+89.45	-16.00'	554387.0697	587676.5221
62125	930+25.00	-14.57'	554359.6728	587699.2191
62127	929+89.75	16.00'	554365.4538	587652.9245
62128	930+25.00	0.00'	554349.9337	587688.3804
62234	929+89.75	0.00'	554376.1477	587664.8258



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

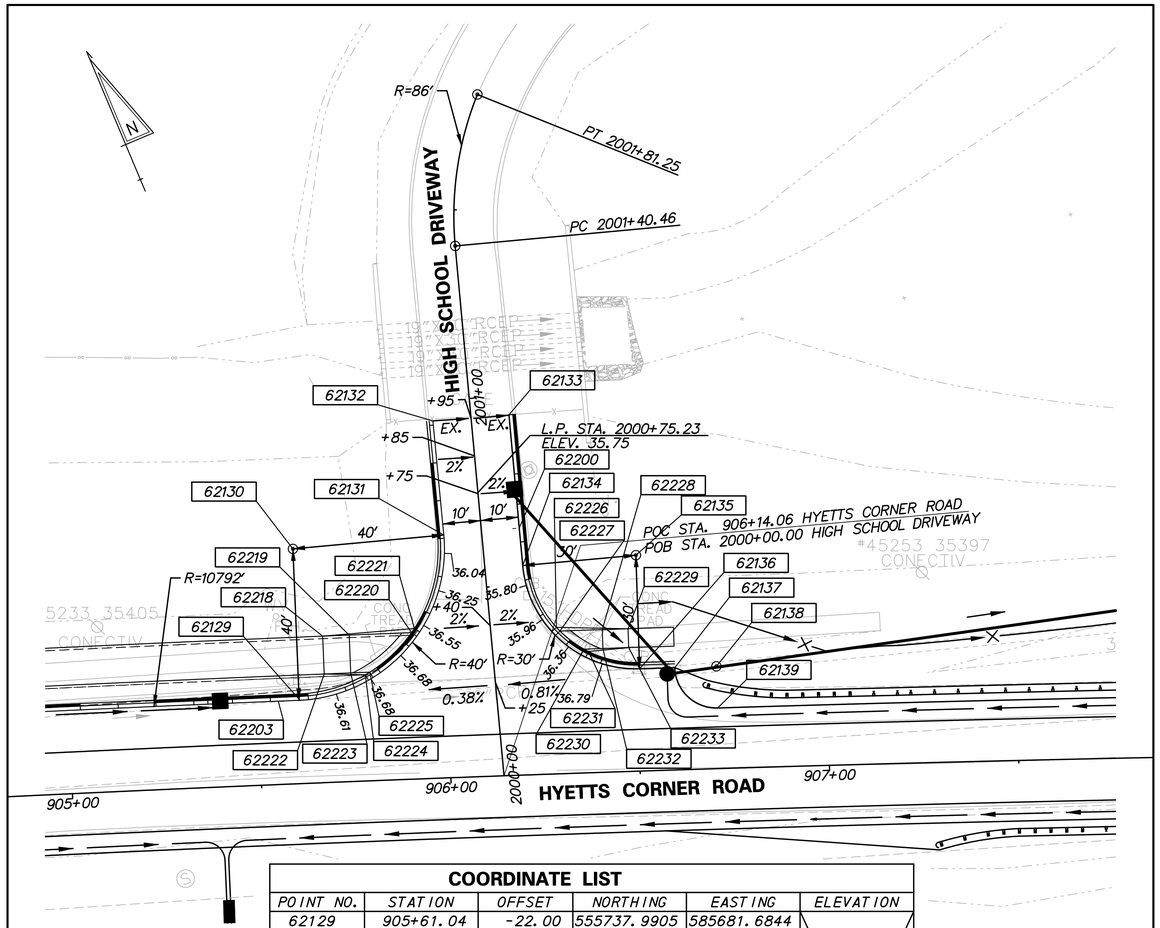
US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO.	
T200911308	DESIGNED BY: K.S.B.	
COUNTY		
NEW CASTLE	CHECKED BY: B.R.T.	

GRADES & GEOMETRICS

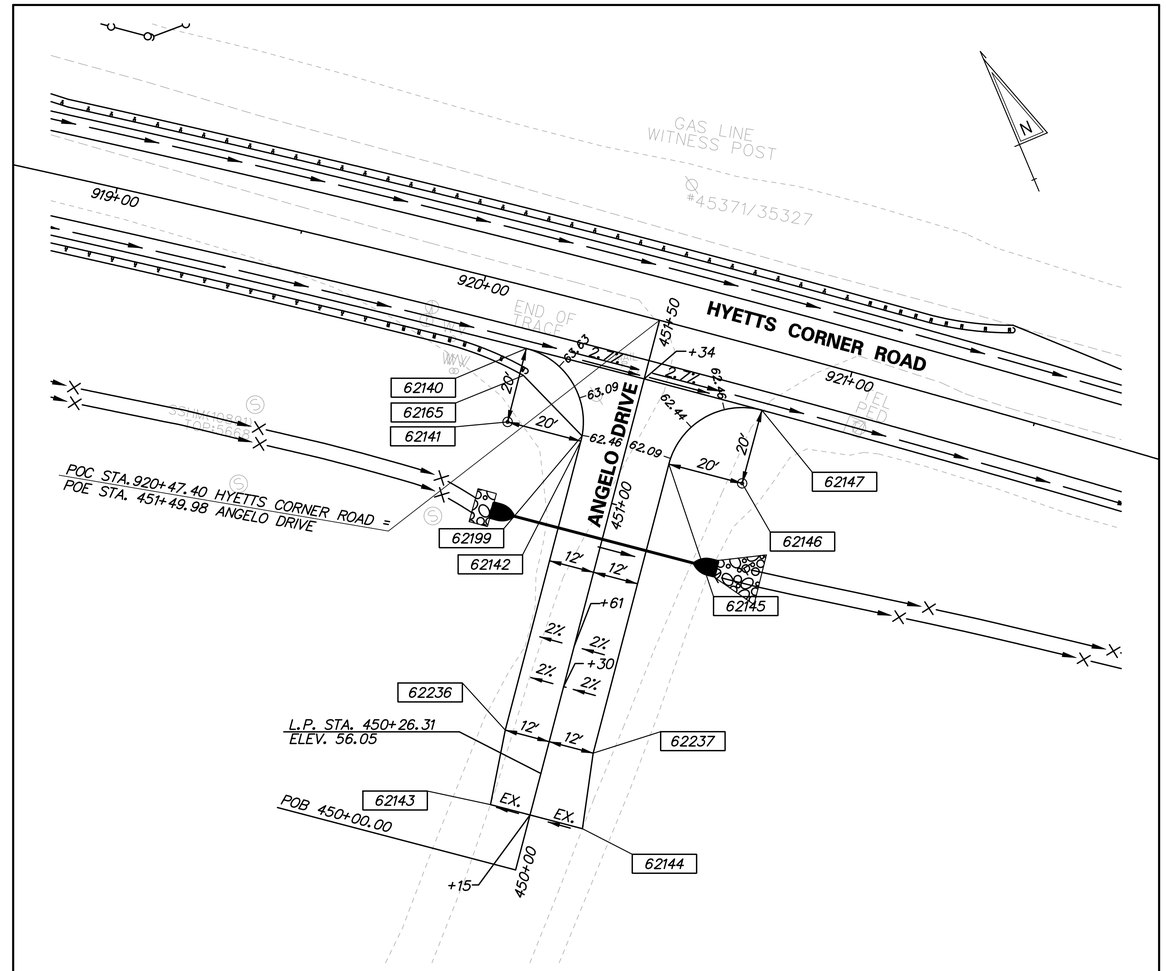
GG-36

SHEET NO.
195
TOTAL SHTS.
875



COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION
62129	905+61.04	-22.00	555737.9905	585681.6844	
62130	905+60.82	-62.00	555775.5487	585695.4460	
62131	2000+64.76	-10.00	555763.5038	585733.5894	
62132	2000+95.00	-10.10	555792.3731	585742.5986	
62133	2000+95.00	10.04	555786.0849	585761.7392	
62134	2000+54.79	10.00	555747.9773	585749.6599	
62135	906+50.74	-57.00	555738.9437	585778.2675	
62136	906+50.74	-27.00	555710.9209	585767.5565	
62137	906+60.00	-27.00	555707.6015	585776.2297	
62138	906+70.97	-27.00	555703.6601	585786.4993	
62139	906+70.97	-16.00	555693.3925	585782.5527	
62200	2000+64.76	10.00	555757.4814	585752.6611	
62203	905+55.31	-22.00	555739.9957	585676.2983	
62218	905+67.70	-38.67	555751.2704	585693.7687	37.46
62219	905+74.68	-38.67	555748.8172	585700.3317	36.94
62220	905+91.09	-38.67	555743.0348	585715.7507	36.61
62221	905+91.88	-39.74	555743.7605	585716.8692	37.22
62222	905+67.70	-28.67	555741.9022	585690.2705	37.26
62223	905+74.68	-28.67	555739.4513	585696.8275	36.76
62224	905+78.50	-28.03	555737.5101	585700.1900	37.28
62225	905+79.67	-28.67	555737.6981	585701.5100	36.66
62226	906+29.23	-38.66	555729.5006	585751.5541	36.72
62227	906+30.11	-37.67	555728.2544	585752.0279	36.09
62228	906+41.27	-37.67	555724.2733	585762.4872	36.31
62229	906+48.05	-37.67	555721.8479	585768.8434	36.88
62230	906+36.28	-37.67	555721.3813	585756.0337	36.51
62231	906+37.44	-32.01	555720.3548	585756.8845	37.20
62232	906+41.27	-32.67	555719.6013	585760.7062	36.61
62233	906+48.05	-32.67	555717.1770	585767.0594	36.91



COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
62140	920+15.14	16.00	555028.7307	586945.2789
62141	920+15.14	36.00	555012.7673	586933.2303
62142	451+13.87	-12.00	555000.6020	586949.1050
62143	450+15.00	-10.79	554921.3954	586889.9254
62144	450+15.00	14.31	554906.1233	586909.8543
62145	451+13.87	12.00	554986.0035	586968.1545
62146	920+79.67	36.00	554973.8382	586984.0292
62147	920+79.67	16.00	554989.6233	586996.3106
62165	920+16.19	23.09	555022.4402	586941.8422
62199	451+15.29	-12.05	555001.7598	586949.9286
62236	450+35.00	-12.00	554938.0035	586901.1337
62237	450+35.00	12.00	554923.4051	586920.1833

GG-37

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE
0 20 40 60
FEET

US 301,
SR 896 TO SR 1

CONTRACT	BRIDGE NO.	
T200911308	DESIGNED BY: SES	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

GRADES & GEOMETRICS

SHEET NO. 196
TOTAL SHTS. 875

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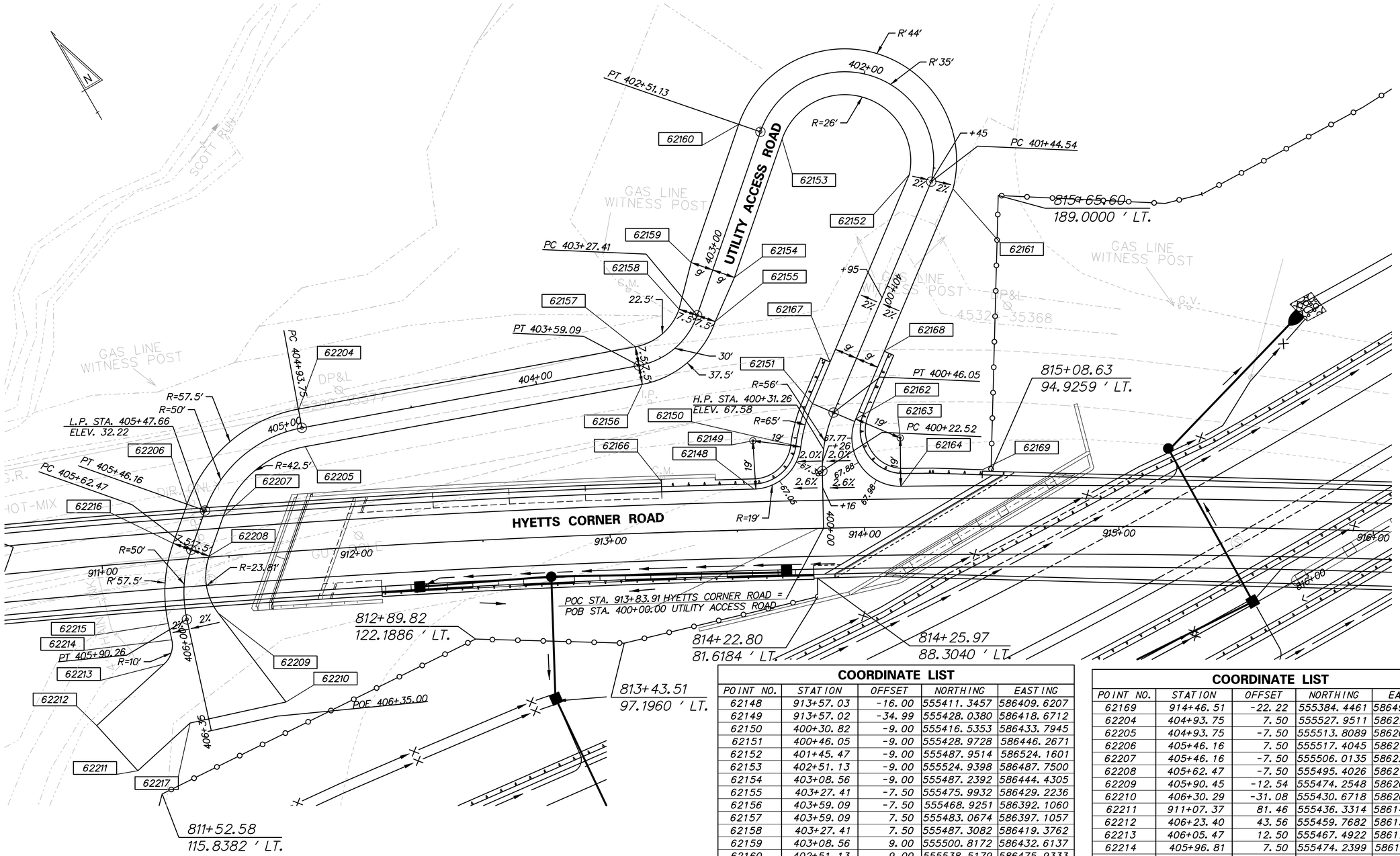

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
62148	913+57.03	-16.00	555411.3457	586409.6207
62149	913+57.02	-34.99	555428.0380	586418.6712
62150	400+30.82	-9.00	555416.5353	586433.7945
62151	400+46.05	-9.00	555428.9728	586446.2671
62152	401+45.47	-9.00	555487.9514	586524.1601
62153	402+51.13	-9.00	555524.9398	586487.7500
62154	403+08.56	-9.00	555487.2392	586444.4305
62155	403+27.41	-7.50	555475.9932	586429.2236
62156	403+59.09	-7.50	555468.9251	586392.1060
62157	403+59.09	7.50	555483.0674	586397.1057
62158	403+27.41	7.50	555487.3082	586419.3762
62159	403+08.56	9.00	555500.8172	586432.6137
62160	402+51.13	9.00	555538.5179	586475.9333
62161	401+44.54	9.00	555474.5039	586536.2183
62162	400+47.07	9.00	555415.2430	586457.9526
62163	914+14.50	-35.00	555400.0954	586469.4221
62164	914+14.50	-16.00	555383.5135	586460.1462
62166	913+20.85	-20.00	555432.0564	586379.5119
62167	400+63.81	-9.00	555432.6903	586480.9952
62168	400+75.98	9.00	555432.8028	586481.1438

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
62169	914+46.51	-22.22	555384.4461	586491.1997
62204	404+93.75	7.50	555527.9511	586270.1459
62205	404+93.75	-7.50	555513.8089	586265.1462
62206	405+46.16	7.50	555517.4045	586213.5694
62207	405+46.16	-7.50	555506.0135	586223.3288
62208	405+62.47	-7.50	555495.4026	586210.9439
62209	405+90.45	-12.54	555474.2548	586202.8229
62210	406+30.29	-31.08	555430.6718	586208.4804
62211	911+07.37	81.46	555436.3314	586144.5655
62212	406+23.40	43.56	555459.7682	586139.3969
62213	406+05.47	12.50	555467.4922	586174.4209
62214	405+96.81	7.50	555474.2399	586181.8011
62215	405+90.26	7.50	555480.4795	586183.7760
62216	405+62.47	7.50	555506.7936	586201.1845
62217	406+30.29	7.50	555442.3146	586171.6962

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 20 40 60 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO.
T200911308	DESIGNED BY: SES
COUNTY	CHECKED BY: BRT
NEW CASTLE	

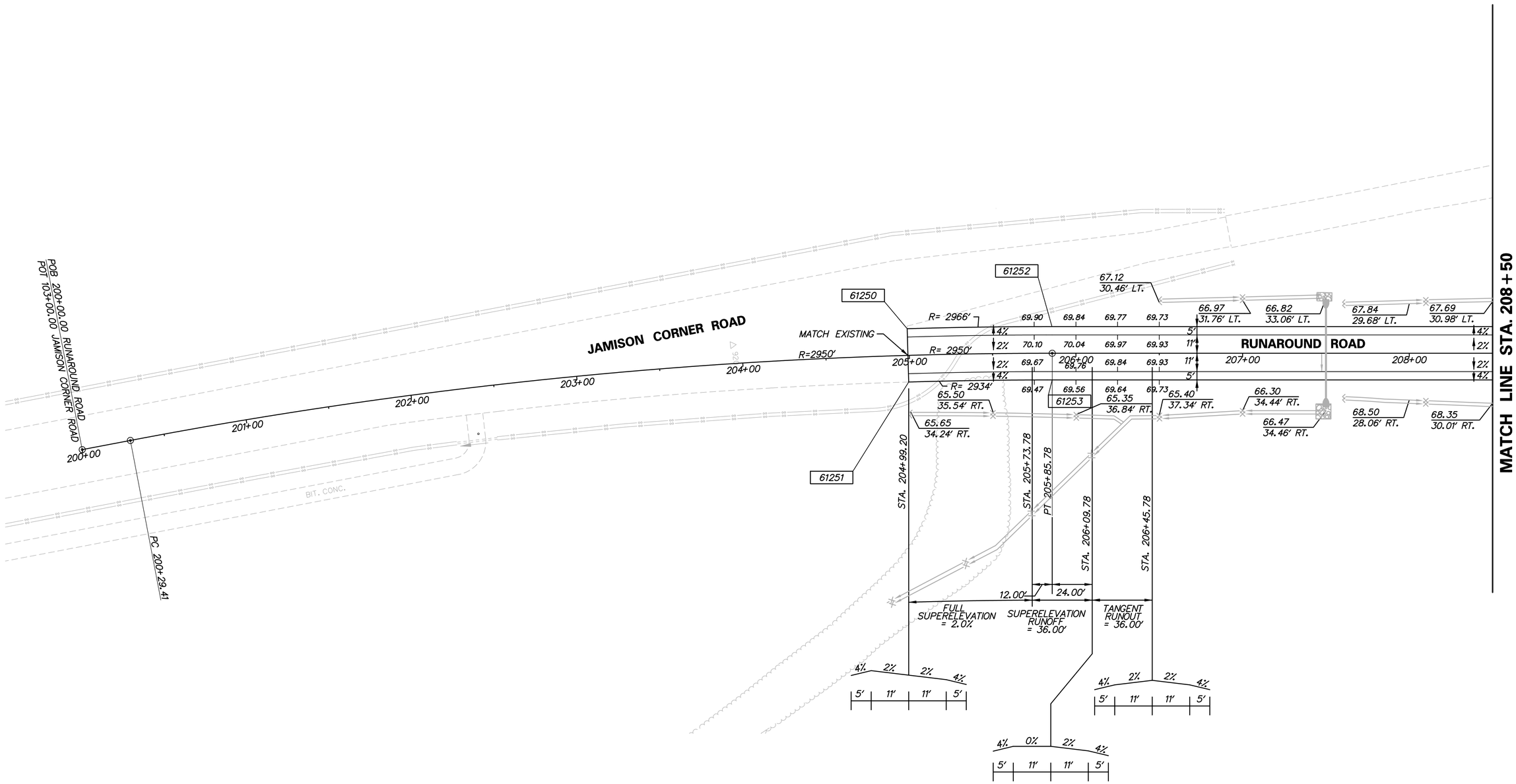
GRADES & GEOMETRICS

GG-38

SHEET NO. 197

TOTAL SHTS. 875

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61250	204+99.20	-16.00	553851.6355	582104.5564
61251	204+99.20	16.00	553849.4328	582136.4805
61252	205+85.65	-16.00	553938.2496	582111.8151
61253	205+85.65	16.00	553935.1104	582143.6607



GG-39

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO.
T200911308	DESIGNED BY: SHH
COUNTY	CHECKED BY: TAO
NEW CASTLE	

GRADES & GEOMETRICS

SHEET NO. 198

TOTAL SHTS. 875

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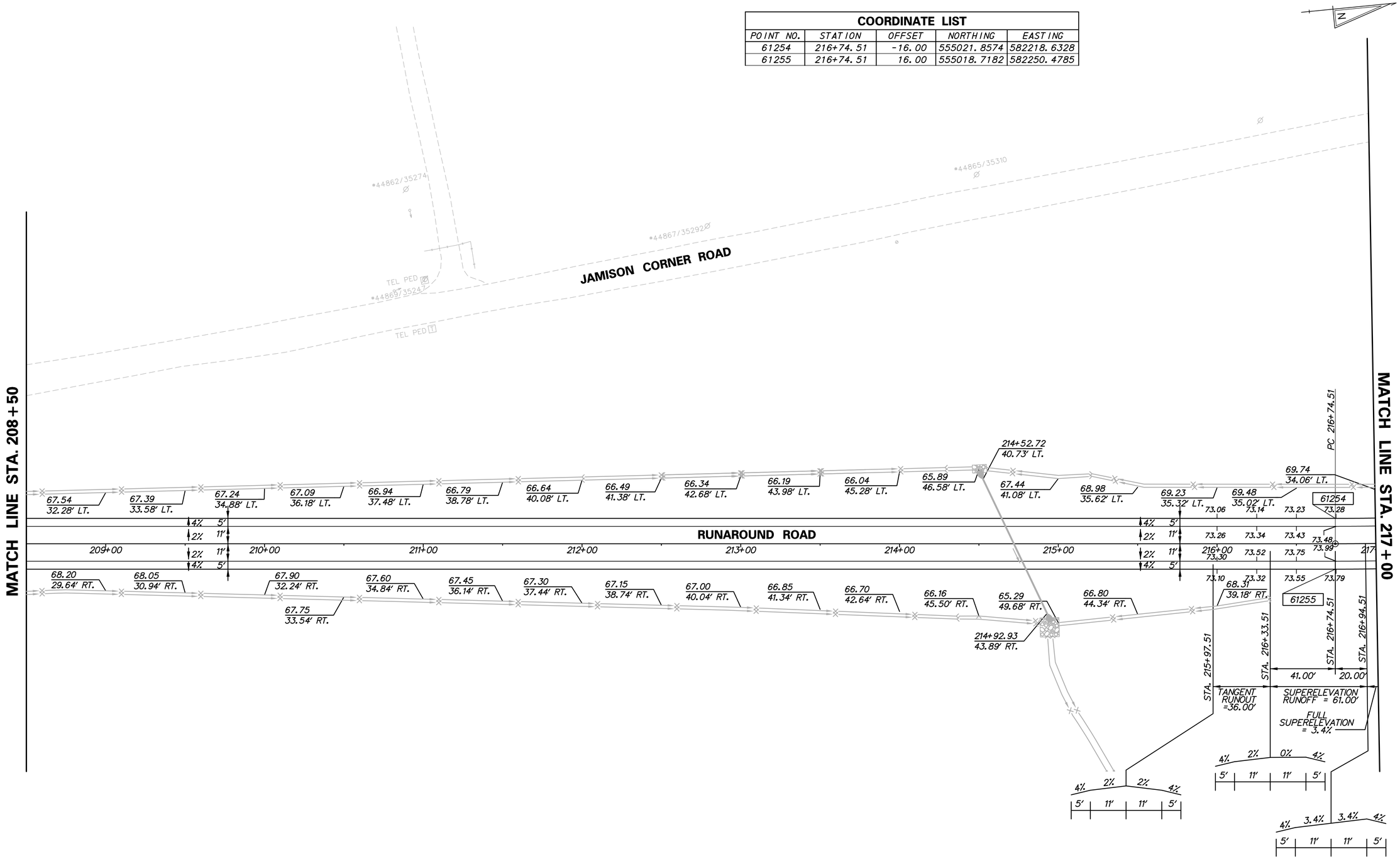
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61254	216+74.51	-16.00	555021.8574	582218.6328
61255	216+74.51	16.00	555018.7182	582250.4785



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO.	
T200911308	DESIGNED BY: SHH	
COUNTY		
NEW CASTLE	CHECKED BY: TAO	

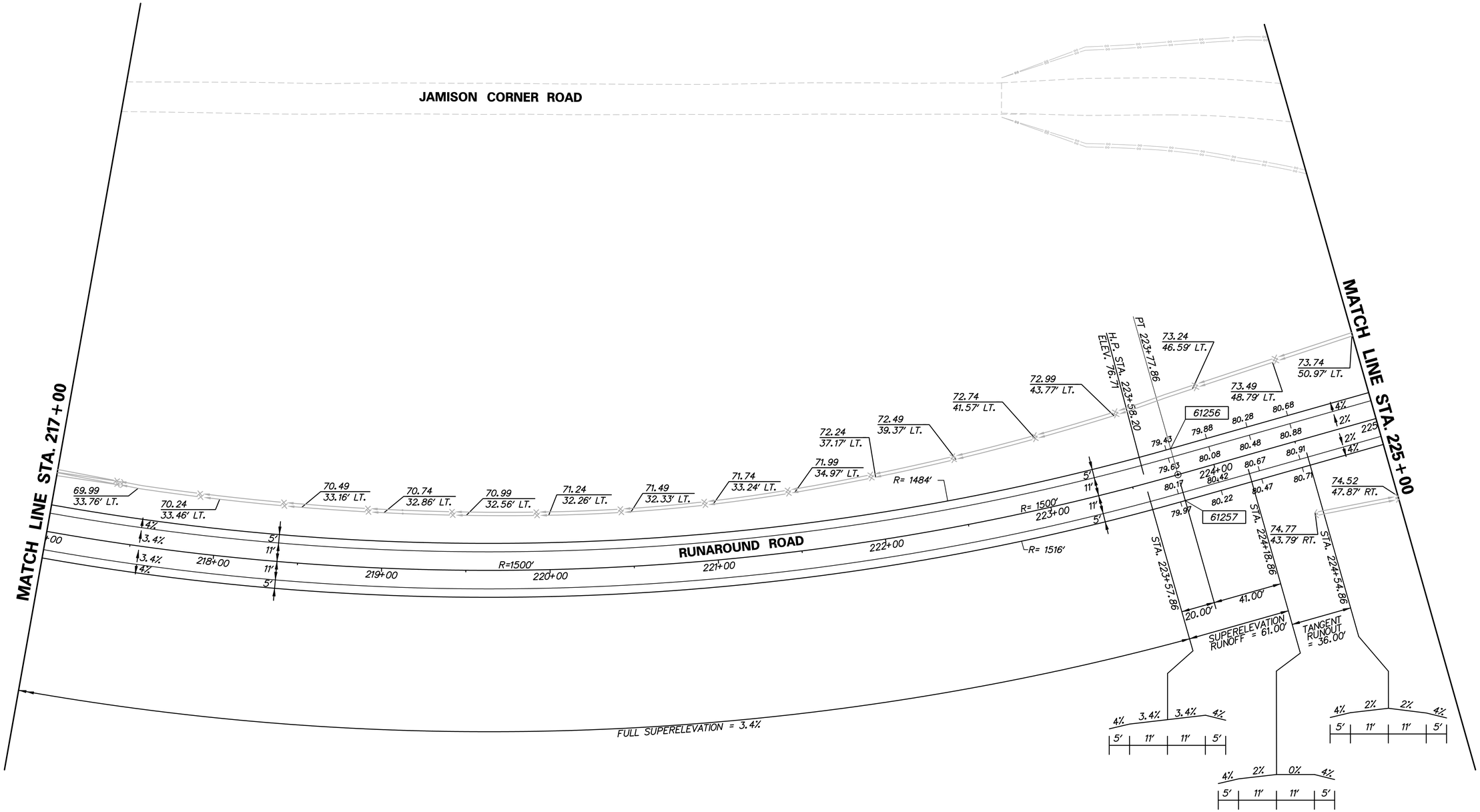
GRADES & GEOMETRICS

GG-40

SHEET NO. 199

TOTAL SHTS. 875

COORDINATE LIST				
POINT	STATION	OFFSET	NORTHING	EASTING
61256	223+77.86	-16.00	555704.9592	582125.0217
61257	223+77.86	16.00	555716.5500	582154.8488



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO.
T200911308	DESIGNED BY: SHH
COUNTY	CHECKED BY: TAO
NEW CASTLE	

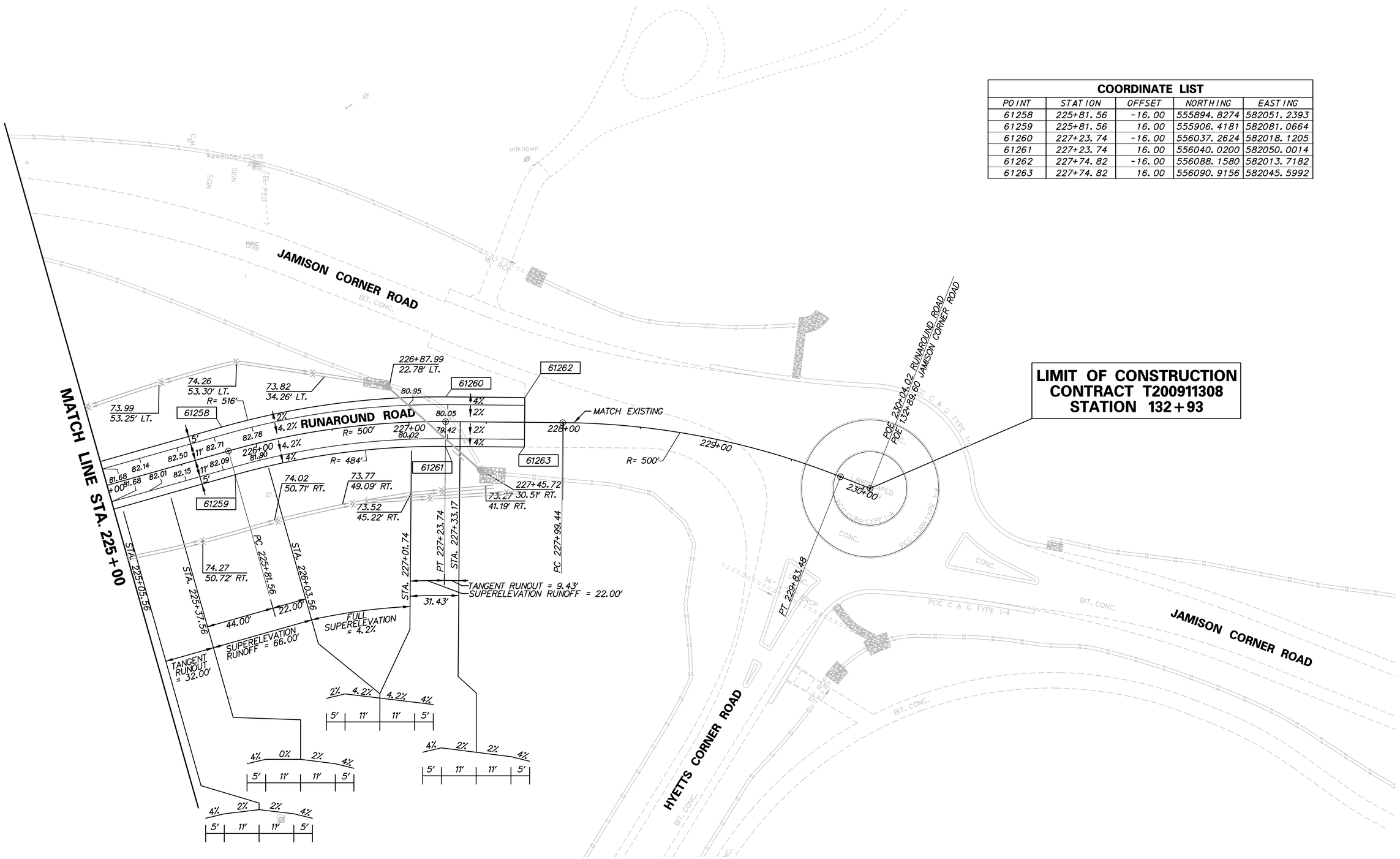
GRADES AND GEOMETRICS

GG-41

SHEET NO. 200

TOTAL SHTS. 875

COORDINATE LIST				
POINT	STATION	OFFSET	NORTHING	EASTING
61258	225+81.56	-16.00	555894.8274	582051.2393
61259	225+81.56	16.00	555906.4181	582081.0664
61260	227+23.74	-16.00	556037.2624	582018.1205
61261	227+23.74	16.00	556040.0200	582050.0014
61262	227+74.82	-16.00	556088.1580	582013.7182
61263	227+74.82	16.00	556090.9156	582045.5992



GG-42

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO.
T200911308	DESIGNED BY: SHH
COUNTY	
NEW CASTLE	CHECKED BY: TAO

GRADES & GEOMETRICS

SHEET NO. 201

TOTAL SHTS. 875

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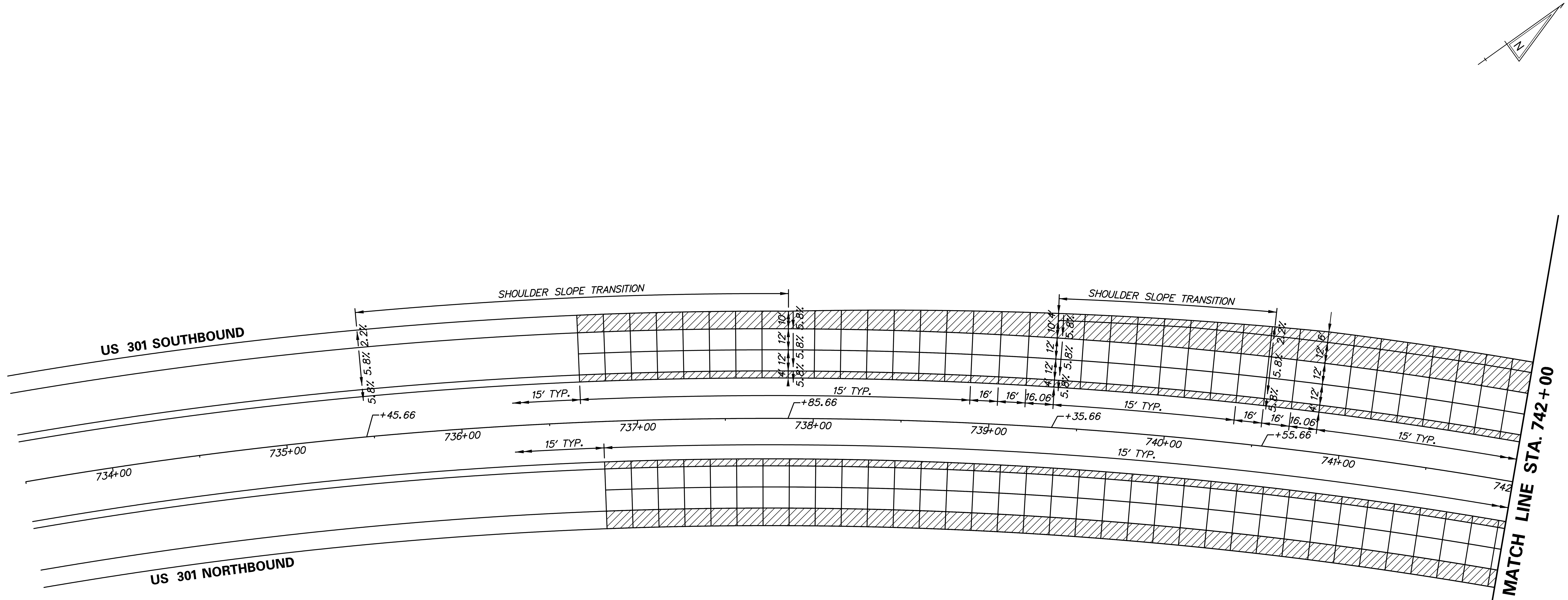

AREA NOT SUBJECT TO IRI TESTING PER ITEM 501506 - RIDE QUALITY OF PORTLAND CEMENT CONCRETE PAVEMENT

NOTES:

1. JOINT LAYOUT AS SHOWN ON THE PLANS IS GRAPHICAL AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT THE JOINTS ACCORDING TO THE STANDARD DETAILS AND THESE GENERAL NOTES.
2. TYPICAL TRANSVERSE JOINT SPACING IS 15'.
3. THE MAXIMUM SLAB WIDTH IS 14' UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER.
4. THE MINIMUM SLAB WIDTH IS 4'.
5. THE MINIMUM TRANSVERSE JOINT SPACING IS 12'. THE MAXIMUM TRANSVERSE SPACING IS 17'. MAXIMUM AND MINIMUM SPACING ON CURVES SHALL BE MEASURED ALONG THE LONGEST CHORD. THE MAXIMUM AND MINIMUM SPACING FOR CURVES ON THE US 301 MAINLINE SHOULD BE CALCULATED FOR FUTURE LANE EXPANSION INTO THE MEDIAN WHERE APPLICABLE.
6. PAVEMENT CROSS SLOPES AND TRANSITION LENGTHS SHALL BE ADJUSTED AS NEEDED PER LOCATION AND TO MEET DESIGN CRITERIA.
7. IN CURVED SECTIONS, SLAB DIMENSIONS ARE PROVIDED ALONG THE OUTER RAIDUS OF THROUGH TRAVEL LANES.

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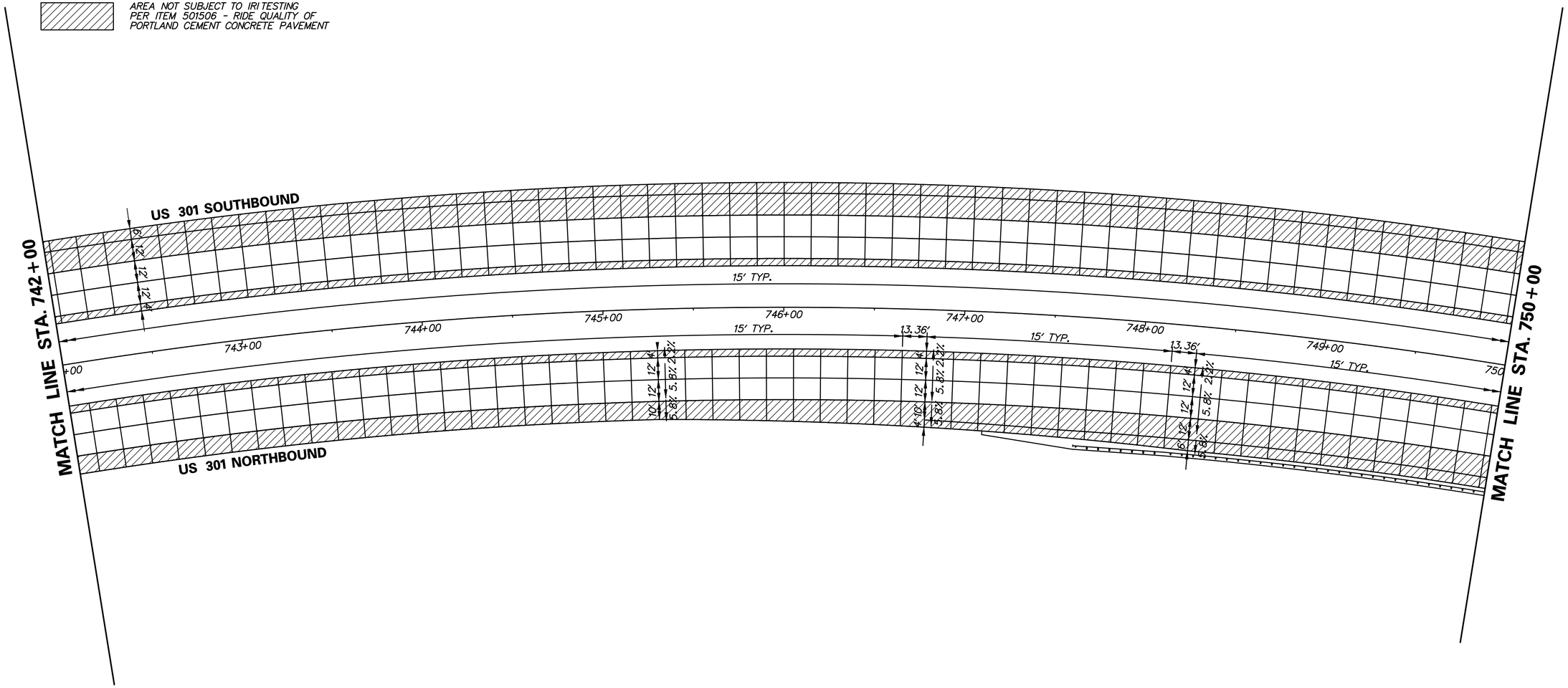
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301, SR 896 TO SR 1	CONTRACT T200911308	BRIDGE NO.	PAVEMENT JOINT LAYOUT	EX-01
				COUNTY NEW CASTLE	DESIGNED BY: NSP		SHEET NO. 202
					CHECKED BY: BRT		TOTAL SHTS. 875

NOTES:

1. JOINT LAYOUT AS SHOWN ON THE PLANS IS GRAPHICAL AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT THE JOINTS ACCORDING TO THE STANDARD DETAILS AND THESE GENERAL NOTES.
2. TYPICAL TRANSVERSE JOINT SPACING IS 15'.
3. THE MAXIMUM SLAB WIDTH IS 14' UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER.
4. THE MINIMUM SLAB WIDTH IS 4'.
5. THE MINIMUM TRANSVERSE JOINT SPACING IS 12'. THE MAXIMUM TRANSVERSE SPACING IS 17'. MAXIMUM AND MINIMUM SPACING ON CURVES SHALL BE MEASURED ALONG THE LONGEST CHORD. THE MAXIMUM AND MINIMUM SPACING FOR CURVES ON THE US 301 MAINLINE SHOULD BE CALCULATED FOR FUTURE LANE EXPANSION INTO THE MEDIAN WHERE APPLICABLE.
6. PAVEMENT CROSS SLOPES AND TRANSITION LENGTHS SHALL BE ADJUSTED AS NEEDED PER LOCATION AND TO MEET DESIGN CRITERIA.
7. IN CURVED SECTIONS, SLAB DIMENSIONS ARE PROVIDED ALONG THE OUTER RADIUS OF THROUGH TRAVEL LANES.

AREA NOT SUBJECT TO IRI TESTING PER ITEM 501506 - RIDE QUALITY OF PORTLAND CEMENT CONCRETE PAVEMENT



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301, SR 896 TO SR 1	CONTRACT T200911308 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: NSP / CHECKED BY: BRT	PAVEMENT JOINT LAYOUT	EX-02 / SHEET NO. 203 / TOTAL SHTS. 875

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NOTES:

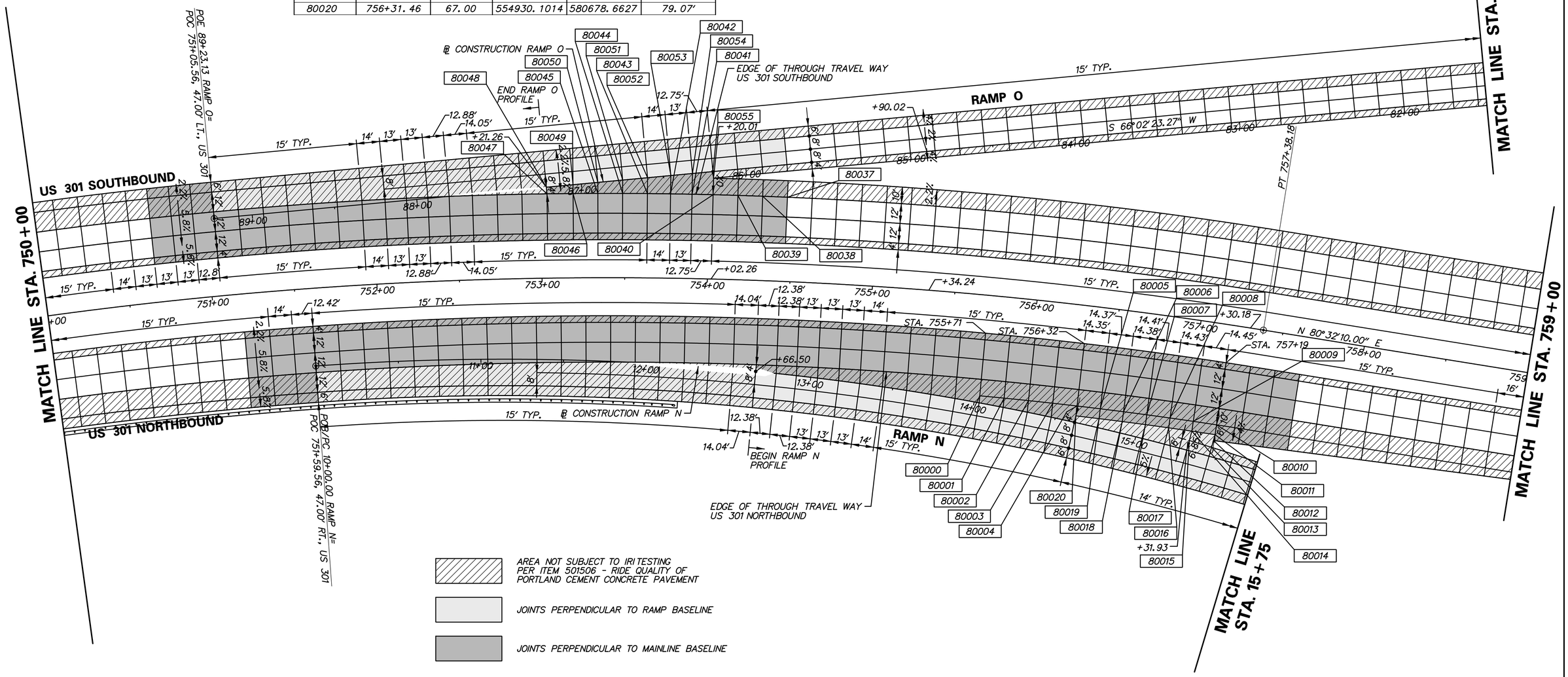
1. JOINT LAYOUT AS SHOWN ON THE PLANS IS GRAPHICAL AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT THE JOINTS ACCORDING TO THE STANDARD DETAILS AND THESE GENERAL NOTES.
2. TYPICAL TRANSVERSE JOINT SPACING IS 15'.
3. THE MAXIMUM SLAB WIDTH IS 14' UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER.
4. THE MINIMUM SLAB WIDTH IS 4'.
5. THE MINIMUM TRANSVERSE JOINT SPACING IS 12'. THE MAXIMUM TRANSVERSE SPACING IS 17'. MAXIMUM AND MINIMUM SPACING ON CURVES SHALL BE MEASURED ALONG THE LONGEST CHORD. THE MAXIMUM AND MINIMUM SPACING FOR CURVES ON THE US 301 MAINLINE SHOULD BE CALCULATED FOR FUTURE LANE EXPANSION INTO THE MEDIAN WHERE APPLICABLE.
6. PAVEMENT CROSS SLOPES AND TRANSITION LENGTHS SHALL BE ADJUSTED AS NEEDED PER LOCATION AND TO MEET DESIGN CRITERIA.
7. IN CURVED SECTIONS, SLAB DIMENSIONS ARE PROVIDED ALONG OUTER RADIUS OF THROUGH TRAVEL LANES.

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION
80000	755+70.81	61.00	554923.0592	580619.6770	79.52'
80001	755+85.97	61.00	554926.4188	580634.0842	79.48'
80002	756+01.13	61.00	554929.6909	580648.5116	79.44'
80003	756+16.30	61.00	554932.8754	580662.9585	79.39'
80004	756+31.46	61.00	554935.9723	580677.4245	79.41'
80005	756+45.97	61.00	554938.8532	580691.2830	79.49'
80006	756+60.50	61.00	554941.6571	580705.1757	79.57'
80007	756+75.04	61.00	554944.3838	580719.1027	79.66'
80008	756+89.61	61.00	554947.0329	580733.0641	79.74'
80009	757+04.20	61.00	554949.6041	580747.0601	79.82'
80010	757+18.80	61.00	554952.0971	580761.0907	79.91'
80011	757+18.50	67.00	554946.1353	580761.8293	79.65'
80012	757+18.34	70.65	554942.5114	580762.3111	79.38'
80013	757+17.80	74.91	554938.2308	580762.5300	79.06'
80014	757+04.20	67.00	554943.6997	580748.1270	79.56'
80015	757+03.48	72.82	554937.8504	580748.4781	79.16'
80016	756+89.61	67.00	554941.1349	580734.1654	79.46'
80017	756+75.04	67.00	554938.4923	580720.2384	79.36'
80018	756+60.50	67.00	554935.7723	580706.3456	79.26'
80019	756+45.97	67.00	554932.9752	580692.4871	79.17'
80020	756+31.46	67.00	554930.1014	580678.6627	79.07'

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION
80037	754+46.34	-51.00	554999.7730	580471.0863	84.40'
80038	754+31.64	-51.00	554995.5577	580456.6908	84.42'
80039	754+16.94	-51.00	554991.2579	580442.3203	84.44'
80040	754+02.23	-51.00	554986.8737	580427.9753	84.46'
80041	753+89.74	-51.00	554983.0795	580415.7983	84.48'
80042	753+77.00	-51.00	554979.1497	580403.4065	84.49'
80043	753+63.28	-51.00	554974.8470	580390.0841	84.51'
80044	753+48.58	-51.00	554970.1559	580375.8365	84.53'
80045	753+33.88	-51.00	554965.3811	580361.6168	84.55'
80046	753+19.17	-51.00	554960.5228	580347.4254	84.57'
80047	753+03.70	-51.00	554955.3176	580332.5151	84.58'
80048	753+03.39	-54.99	554958.9729	580330.8907	84.81'
80049	753+19.17	-56.32	554965.5489	580345.6882	84.75'
80050	753+33.88	-57.65	554971.6786	580359.4816	84.70'
80051	753+48.58	-59.07	554977.8149	580373.2898	84.65'
80052	753+63.28	-60.58	554983.9583	580387.1138	84.59'
80053	753+77.00	-62.08	554989.6988	580400.0314	84.55'
80054	753+89.74	-63.53	554995.0354	580412.0401	84.50'
80055	754+01.77	-64.97	555000.0837	580423.4000	84.46'



EX-03

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO.
T200911308	DESIGNED BY: NSP
COUNTY	CHECKED BY: BRT
NEW CASTLE	

PAVEMENT JOINT LAYOUT

SHEET NO. 204

TOTAL SHTS. 875

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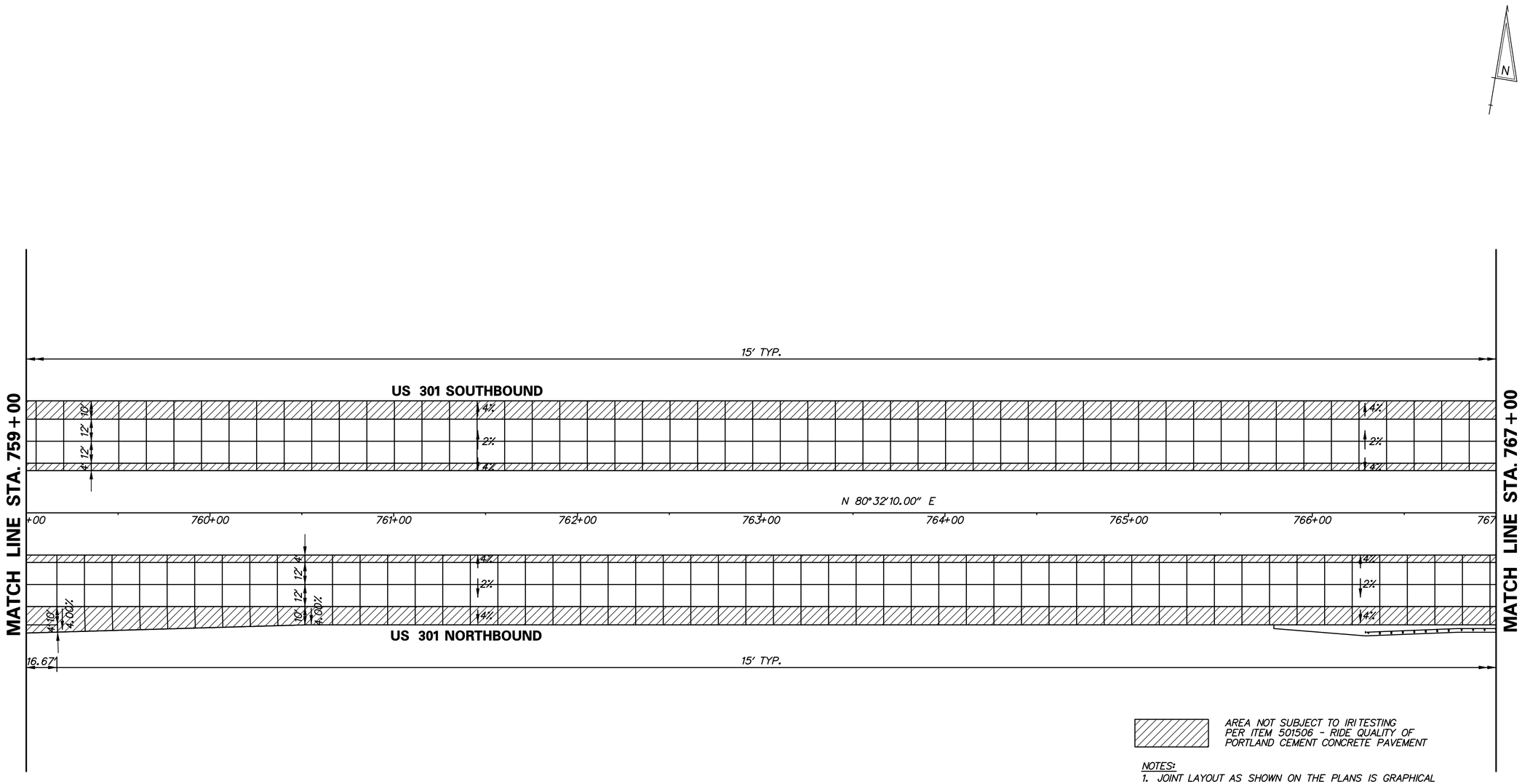

AREA NOT SUBJECT TO IRI TESTING PER ITEM 501506 - RIDE QUALITY OF PORTLAND CEMENT CONCRETE PAVEMENT

NOTES:

1. JOINT LAYOUT AS SHOWN ON THE PLANS IS GRAPHICAL AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT THE JOINTS ACCORDING TO THE STANDARD DETAILS AND THESE GENERAL NOTES.
2. TYPICAL TRANSVERSE JOINT SPACING IS 15'.
3. THE MAXIMUM SLAB WIDTH IS 14' UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER.
4. THE MINIMUM SLAB WIDTH IS 4'.
5. THE MINIMUM TRANSVERSE JOINT SPACING IS 12'. THE MAXIMUM TRANSVERSE SPACING IS 17'. MAXIUMUM AND MINIMUM SPACING ON CURVES SHALL BE MEASURED ALONG THE LONGEST CHORD. THE MAXIMUM AND MINIMUM SPACING FOR CURVES ON THE US 301 MAINLINE SHOULD BE CALCULATED FOR FUTURE LANE EXPANSION INTO THE MEDIAN WHERE APPLICABLE.
6. PAVEMENT CROSS SLOPES AND TRANSITION LENGTHS SHALL BE ADJUSTED AS NEEDED PER LOCATION AND TO MEET DESIGN CRITERIA.
7. IN CURVED SECTIONS, SLAB DIMENSIONS ARE PROVIDED ALONG OUTER RADIUS OF THROUGH TRAVEL LANES.

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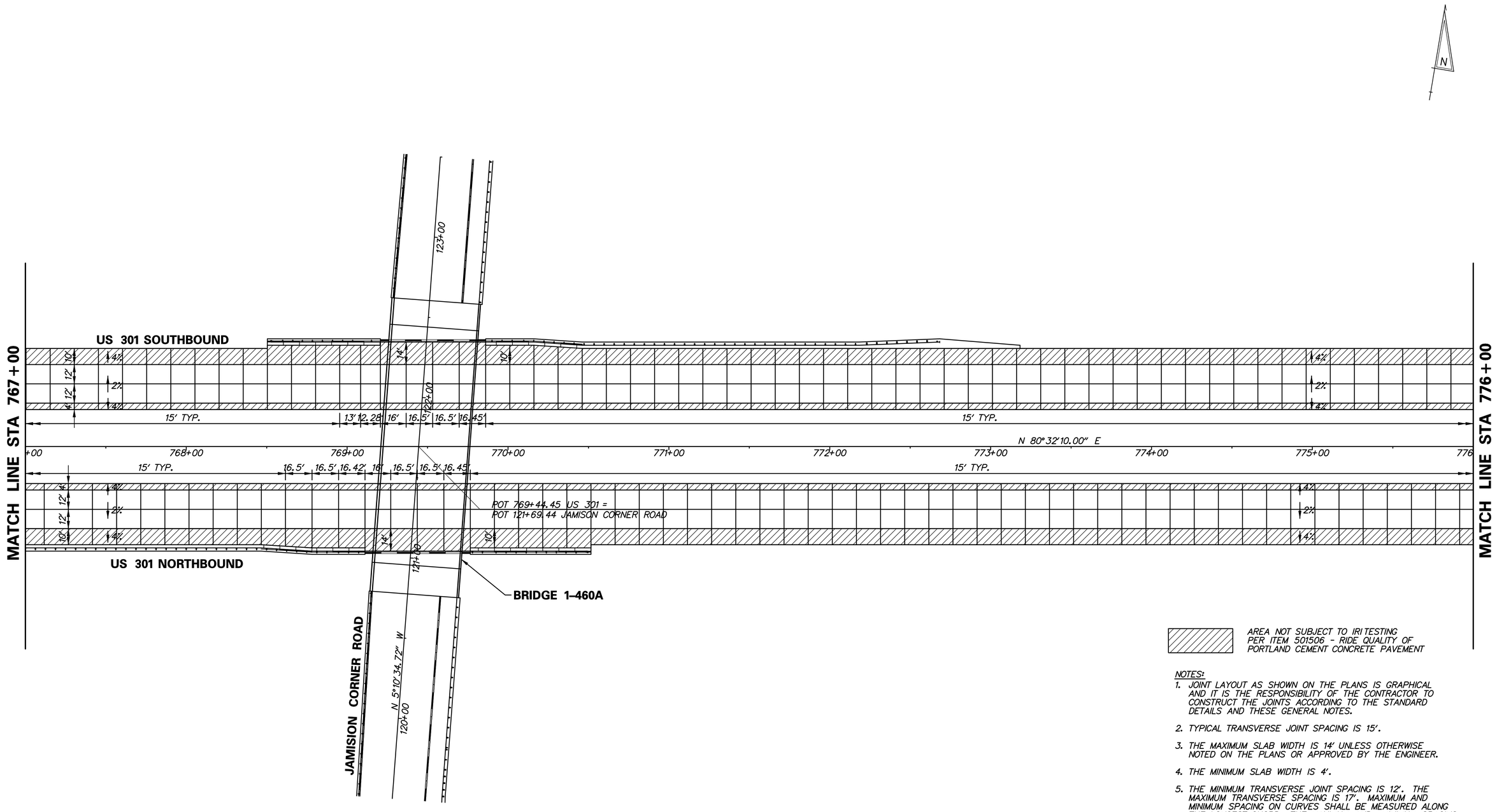
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301, SR 896 TO SR 1	CONTRACT T200911308	BRIDGE NO.	PAVEMENT JOINT LAYOUT	EX-04
				COUNTY NEW CASTLE	DESIGNED BY: NSP		SHEET NO. 205
					CHECKED BY: BRT		TOTAL SHTS. 875



AREA NOT SUBJECT TO IRI TESTING PER ITEM 501506 - RIDE QUALITY OF PORTLAND CEMENT CONCRETE PAVEMENT

NOTES:

1. JOINT LAYOUT AS SHOWN ON THE PLANS IS GRAPHICAL AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT THE JOINTS ACCORDING TO THE STANDARD DETAILS AND THESE GENERAL NOTES.
2. TYPICAL TRANSVERSE JOINT SPACING IS 15'.
3. THE MAXIMUM SLAB WIDTH IS 14' UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER.
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6. PAVEMENT CROSS SLOPES AND TRANSITION LENGTHS SHALL BE ADJUSTED AS NEEDED PER LOCATION AND TO MEET DESIGN CRITERIA.
7. IN CURVED SECTIONS, SLAB DIMENSIONS ARE PROVIDED ALONG THE OUTER RADIUS OF THROUGH TRAVEL LANES.

EX-05

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE
0 30 60 90
FEET

US 301,
SR 896 TO SR 1

CONTRACT	BRIDGE NO.
T200911308	DESIGNED BY: NSP
COUNTY	
NEW CASTLE	CHECKED BY: BRT

PAVEMENT JOINT LAYOUT

SHEET NO.
206
TOTAL SHTS.
875

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION
80021	783+96.48	-72.40	555522.9792	583381.6929	69.08′
80022	783+95.91	-68.43	555518.9687	583381.6930	69.10′
80023	783+95.71	-67.00	555517.5263	583381.6931	69.11′
80024	784+09.57	-67.00	555519.5099	583395.5966	69.02′
80025	784+23.43	-67.00	555521.4549	583409.5056	68.93′
80026	784+37.29	-67.00	555523.3614	583423.4200	68.84′
80027	784+51.53	-67.00	555525.2800	583437.7209	68.74′
80028	784+63.90	-61.00	555520.9644	583450.9281	68.68′
80029	784+76.27	-61.00	555522.5660	583463.3500	68.60′
80030	784+89.14	-61.00	555524.1990	583476.2730	68.51′
80032	783+95.71	-61.00	555511.5876	583382.5487	69.15′
80033	784+09.57	-61.00	555513.5689	583396.4358	69.06′
80034	784+23.43	-61.00	555515.5116	583410.3283	68.96′
80035	784+37.29	-61.00	555517.4158	583424.2262	68.87′
80036	784+51.53	-61.00	555519.3321	583438.5102	68.77′
80056	784+29.34	51.00	555405.3683	583431.4816	66.23′
80057	784+42.41	51.00	555407.1104	583444.3011	66.13′
80058	784+55.48	51.00	555408.8189	583457.1250	66.03′
80059	784+67.95	51.00	555410.4173	583469.3607	65.94′
80060	784+80.38	51.00	555411.9805	583481.5631	65.85′
80061	784+93.45	51.00	555413.5916	583494.3996	65.75′
80076	784+93.45	62.94	555401.7453	583495.8707	65.27′
80077	784+80.38	63.99	555399.0975	583483.1971	65.32′
80078	784+68.29	64.99	555396.5907	583471.4907	65.38′

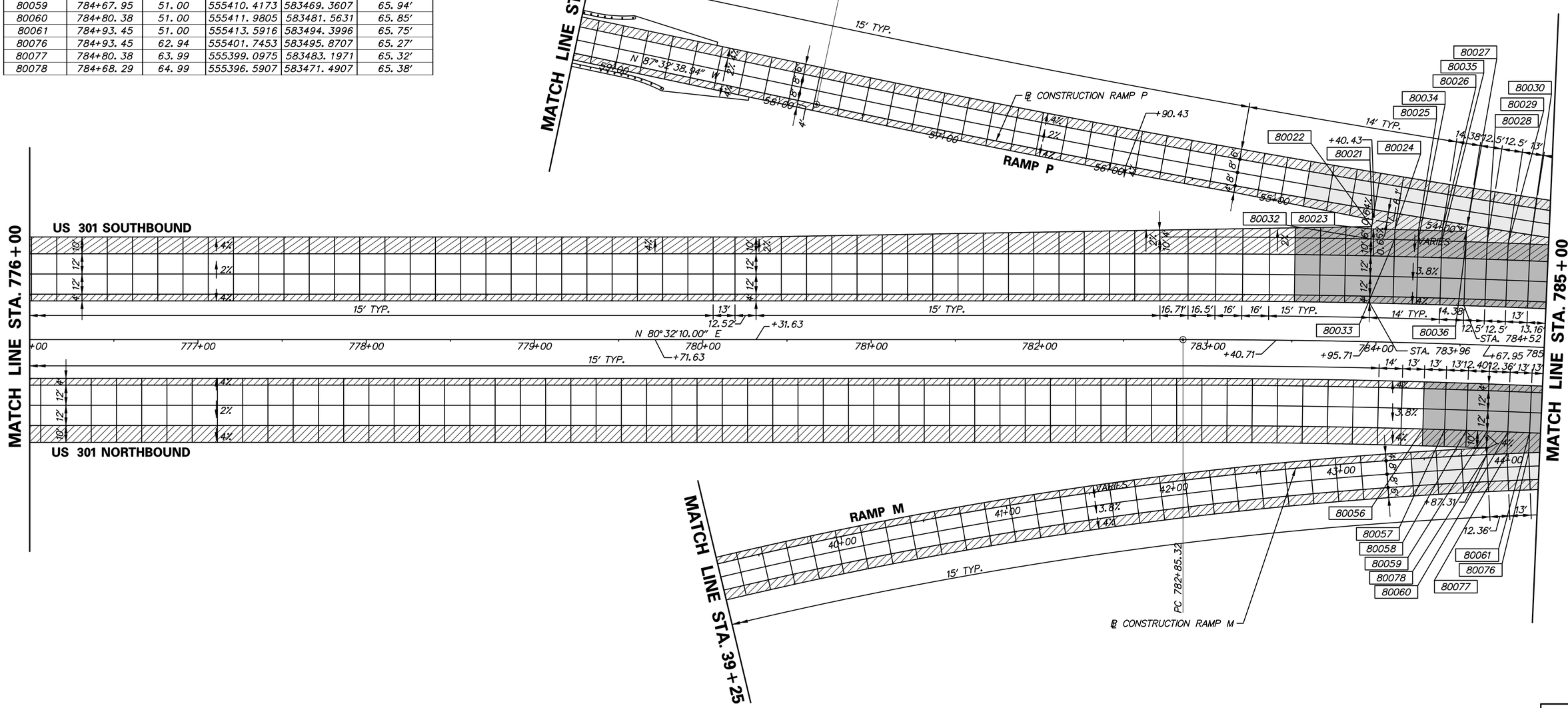
AREA NOT SUBJECT TO IRI TESTING PER ITEM 501506 - RIDE QUALITY OF PORTLAND CEMENT CONCRETE PAVEMENT

JOINTS PERPENDICULAR TO RAMP BASELINE

JOINTS PERPENDICULAR TO MAINLINE BASELINE

NOTES:

1. JOINT LAYOUT AS SHOWN ON THE PLANS IS GRAPHICAL AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT THE JOINTS ACCORDING TO THE STANDARD DETAILS AND THESE GENERAL NOTES.
2. TYPICAL TRANSVERSE JOINT SPACING IS 15′.
3. THE MAXIMUM SLAB WIDTH IS 14′ UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER.
4. THE MINIMUM SLAB WIDTH IS 4′.
5. THE MINIMUM TRANSVERSE JOINT SPACING IS 12′. THE MAXIMUM TRANSVERSE SPACING IS 17′. MAXIMUM AND MINIMUM SPACING ON CURVES SHALL BE MEASURED ALONG THE LONGEST CHORD. THE MAXIMUM AND MINIMUM SPACING FOR CURVES ON THE US 301 MAINLINE SHOULD BE CALCULATED FOR FUTURE LANE EXPANSION INTO THE MEDIAN WHERE APPLICABLE.
6. PAVEMENT CROSS SLOPES AND TRANSITION LENGTHS SHALL BE ADJUSTED AS NEEDED PER LOCATION AND TO MEET DESIGN CRITERIA.
7. IN CURVED SECTIONS, SLAB DIMENSIONS ARE PROVIDED ALONG THE OUTER RADIUS OF THROUGH TRAVEL LANES.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301, SR 896 TO SR 1	CONTRACT T200911308	BRIDGE NO.	PAVEMENT JOINT LAYOUT	EX-06 SHEET NO. 207
				COUNTY NEW CASTLE	DESIGNED BY: NSP		TOTAL SHTS. 875
					CHECKED BY: BRT		

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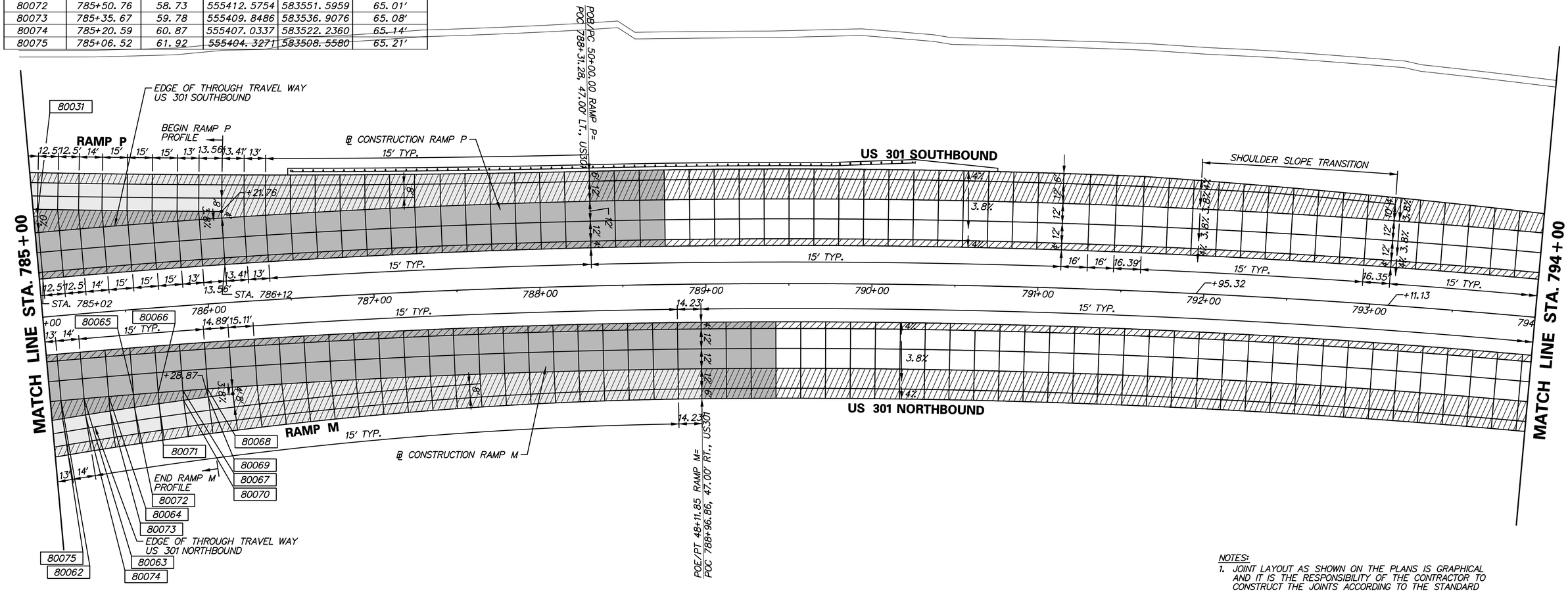
COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION
80031	785+02.17	-61.00	555525.8177	583489.3555	68.42'
80062	785+06.52	51.00	555415.1691	583507.2403	65.65'
80063	785+20.59	51.00	555416.8305	583521.0734	65.55'
80064	785+35.67	51.00	555418.5673	583535.8996	65.44'
80065	785+50.76	51.00	555420.2594	583550.7310	65.33'
80066	785+65.84	51.00	555421.9067	583565.5674	65.22'
80067	785+80.92	51.00	555423.5093	583580.4087	65.11'
80068	785+96.00	51.00	555425.0671	583595.2548	65.00'
80069	785+96.00	55.87	555420.2265	583595.7554	64.81'
80070	785+80.92	56.78	555417.7645	583581.0203	64.88'
80071	785+65.84	57.73	555415.2141	583566.3003	64.94'
80072	785+50.76	58.73	555412.5754	583551.5959	65.01'
80073	785+35.67	59.78	555409.8486	583536.9076	65.08'
80074	785+20.59	60.87	555407.0337	583522.2360	65.14'
80075	785+06.52	61.92	555404.3271	583508.5580	65.21'

AREA NOT SUBJECT TO IRI TESTING PER ITEM 501506 - RIDE QUALITY OF PORTLAND CEMENT CONCRETE PAVEMENT

JOINTS PERPENDICULAR TO RAMP BASELINE

JOINTS PERPENDICULAR TO MAINLINE BASELINE



NOTES:

1. JOINT LAYOUT AS SHOWN ON THE PLANS IS GRAPHICAL AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT THE JOINTS ACCORDING TO THE STANDARD DETAILS AND THESE GENERAL NOTES.
2. TYPICAL TRANSVERSE JOINT SPACING IS 15'.
3. THE MAXIMUM SLAB WIDTH IS 14' UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER.
4. THE MINIMUM SLAB WIDTH IS 4'.
5. THE MINIMUM TRANSVERSE JOINT SPACING IS 12'. THE MAXIMUM TRANSVERSE SPACING IS 17'. MAXIMUM AND MINIMUM SPACING ON CURVES SHALL BE MEASURED ALONG THE LONGEST CHORD. THE MAXIMUM AND MINIMUM SPACING FOR CURVES ON THE US 301 MAINLINE SHOULD BE CALCULATED FOR FUTURE LANE EXPANSION INTO THE MEDIAN WHERE APPLICABLE.
6. PAVEMENT CROSS SLOPES AND TRANSITION LENGTHS SHALL BE ADJUSTED AS NEEDED PER LOCATION AND TO MEET DESIGN CRITERIA.
7. IN CURVED SECTIONS, SLAB DIMENSIONS ARE PROVIDED ALONG THE OUTER RADIUS OF THROUGH TRAVEL LANE.

EX-07

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

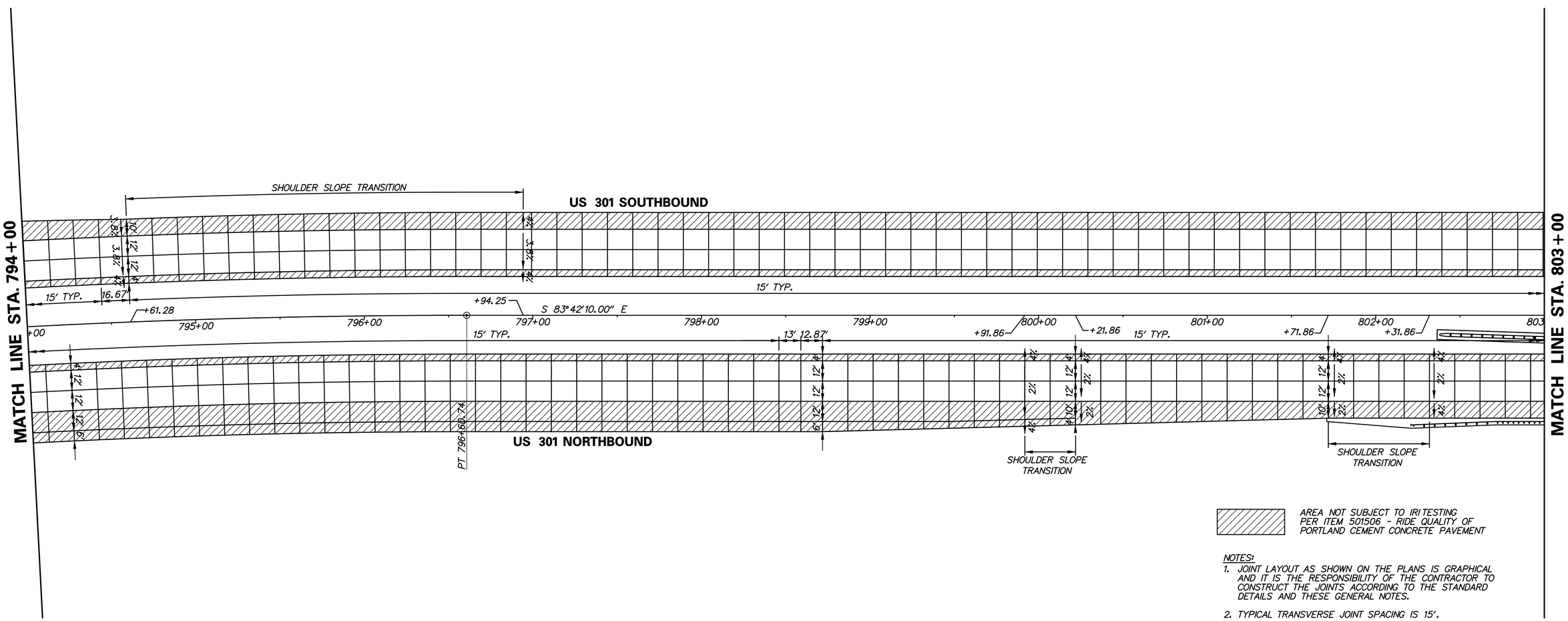
SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT T200911308
COUNTY NEW CASTLE
BRIDGE NO.
DESIGNED BY: NSP
CHECKED BY: BRT

PAVEMENT JOINT LAYOUT

SHEET NO. 208
TOTAL SHTS. 875



AREA NOT SUBJECT TO IRI TESTING PER ITEM 501506 - RIDE QUALITY OF PORTLAND CEMENT CONCRETE PAVEMENT

NOTES:

1. JOINT LAYOUT AS SHOWN ON THE PLANS IS GRAPHICAL AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT THE JOINTS ACCORDING TO THE STANDARD DETAILS AND THESE GENERAL NOTES.
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7. IN CURVED SECTIONS, SLAB DIMENSIONS ARE PROVIDED ALONG THE OUTER RADIUS OF THROUGH TRAVEL LANES.

EX-08

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301, SR 896 TO SR 1	CONTRACT T200911308	BRIDGE NO.	PAVEMENT JOINT LAYOUT
				COUNTY NEW CASTLE	DESIGNED BY: NSP	SHEET NO. 209
					CHECKED BY: BRT	TOTAL SHTS. 875

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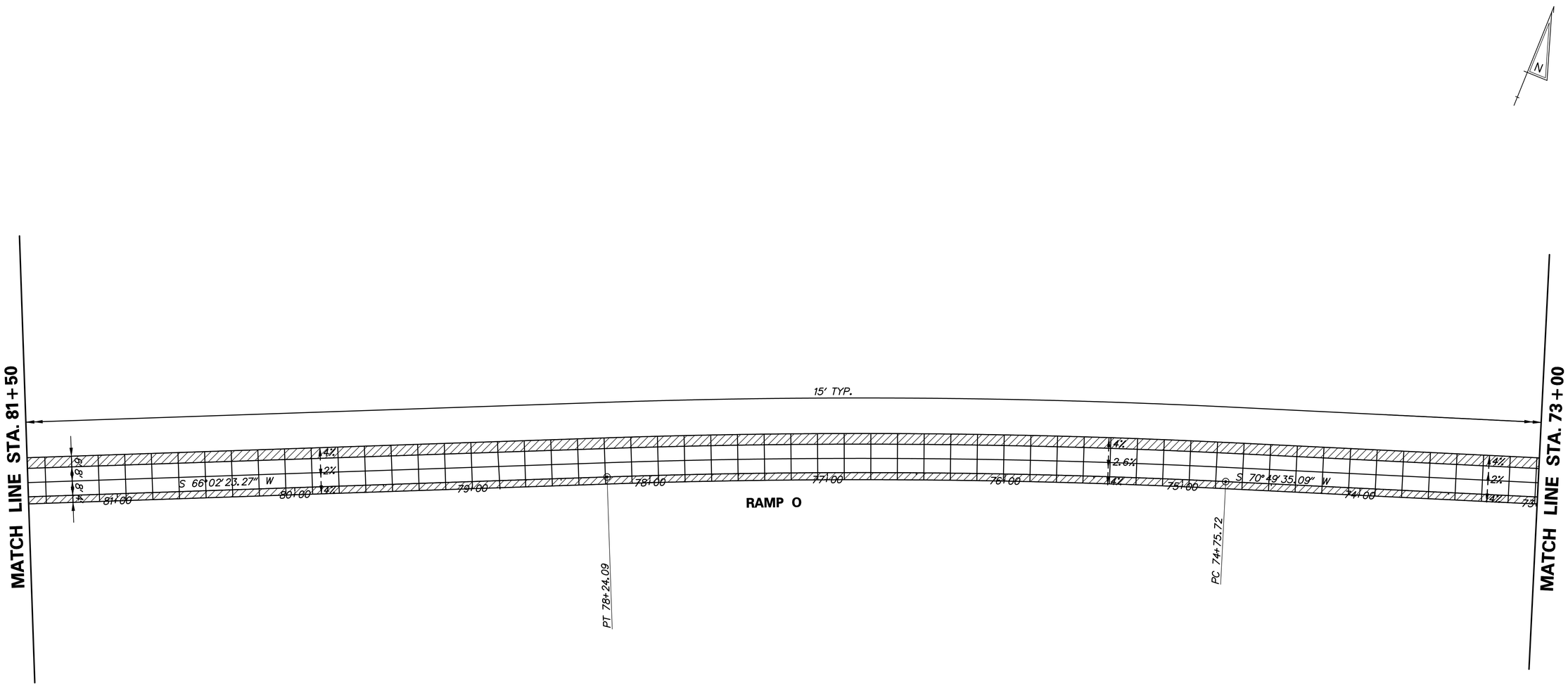

AREA NOT SUBJECT TO IRI TESTING PER ITEM 501506 - RIDE QUALITY OF PORTLAND CEMENT CONCRETE PAVEMENT

NOTES:

1. JOINT LAYOUT AS SHOWN ON THE PLANS IS GRAPHICAL AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT THE JOINTS ACCORDING TO THE STANDARD DETAILS AND THESE GENERAL NOTES.
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6. PAVEMENT CROSS SLOPES AND TRANSITION LENGTHS SHALL BE ADJUSTED AS NEEDED PER LOCATION AND TO MEET DESIGN CRITERIA.
7. IN CURVED SECTIONS, SLAB DIMENSIONS ARE PROVIDED ALONG THE OUTER RADIUS OF THROUGH TRAVEL LANES.

EX-09

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO.	
T200911308	DESIGNED BY: NSP	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

PAVEMENT JOINT LAYOUT

SHEET NO. 210

TOTAL SHTS. 875

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NOTES:

1. JOINT LAYOUT AS SHOWN ON THE PLANS IS GRAPHICAL AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT THE JOINTS ACCORDING TO THE STANDARD DETAILS AND THESE GENERAL NOTES.
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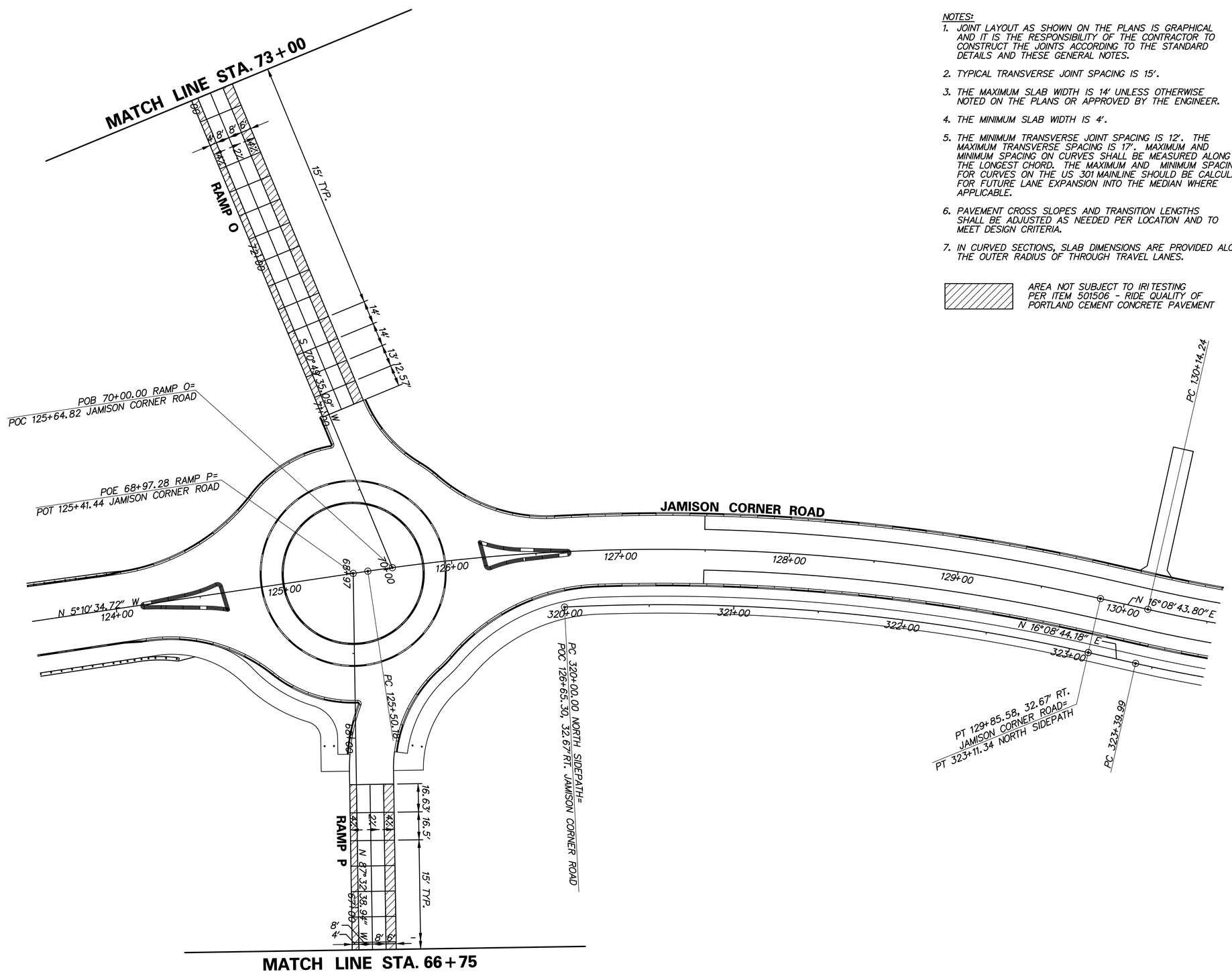
7. IN CURVED SECTIONS, SLAB DIMENSIONS ARE PROVIDED ALONG THE OUTER RADIUS OF THROUGH TRAVEL LANES.

AREA NOT SUBJECT TO IRI TESTING PER ITEM 501506 - RIDE QUALITY OF PORTLAND CEMENT CONCRETE PAVEMENT



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301, SR 896 TO SR 1	CONTRACT T200911308 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: NSP / CHECKED BY: BRT	PAVEMENT JOINT LAYOUT

EX-10

SHEET NO. 211

TOTAL SHTS. 875

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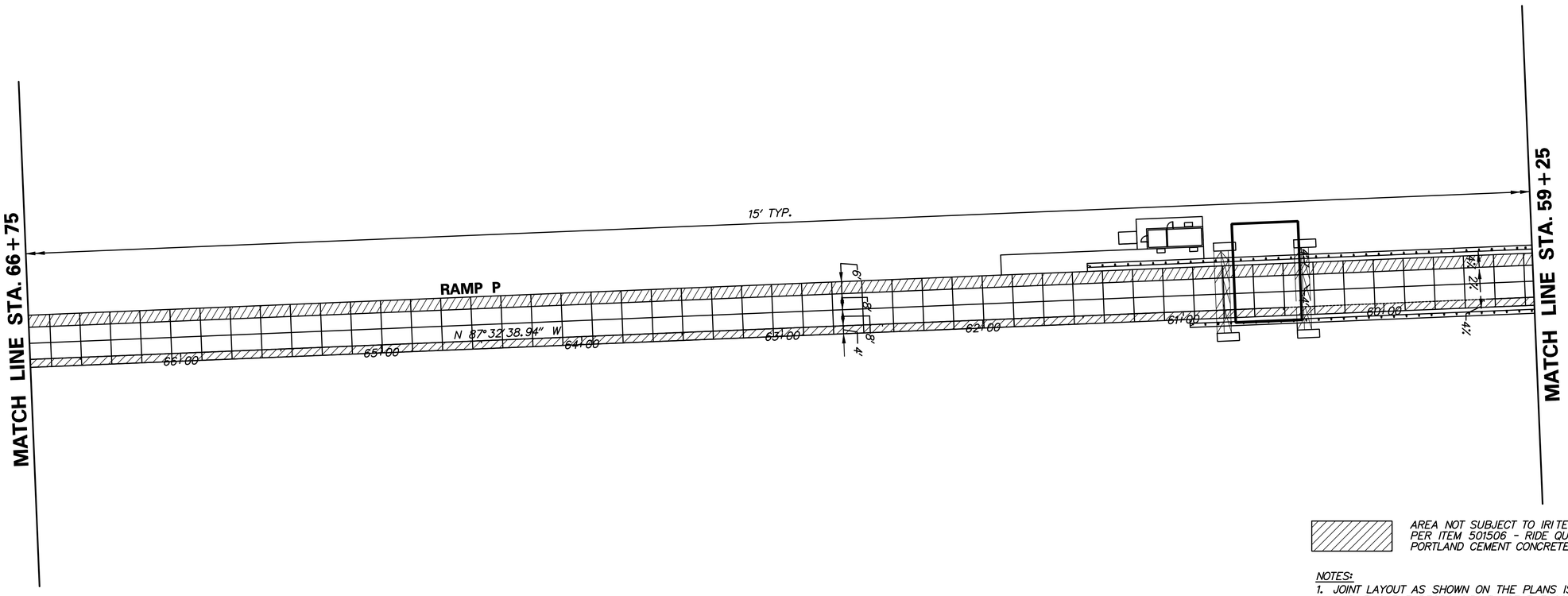

AREA NOT SUBJECT TO IRI TESTING PER ITEM 501506 - RIDE QUALITY OF PORTLAND CEMENT CONCRETE PAVEMENT

NOTES:

1. JOINT LAYOUT AS SHOWN ON THE PLANS IS GRAPHICAL AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT THE JOINTS ACCORDING TO THE STANDARD DETAILS AND THESE GENERAL NOTES.
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6. PAVEMENT CROSS SLOPES AND TRANSITION LENGTHS SHALL BE ADJUSTED AS NEEDED PER LOCATION AND TO MEET DESIGN CRITERIA.
7. IN CURVED SECTIONS, SLAB DIMENSIONS ARE PROVIDED ALONG THE OUTER RAIDUS OF THROUGH TRAVEL LANES.

EX-11

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301, SR 896 TO SR 1	CONTRACT T200911308	BRIDGE NO.	PAVEMENT JOINT LAYOUT	SHEET NO. 212
				COUNTY NEW CASTLE	DESIGNED BY: NSP		TOTAL SHTS. 875
					CHECKED BY: BRT		

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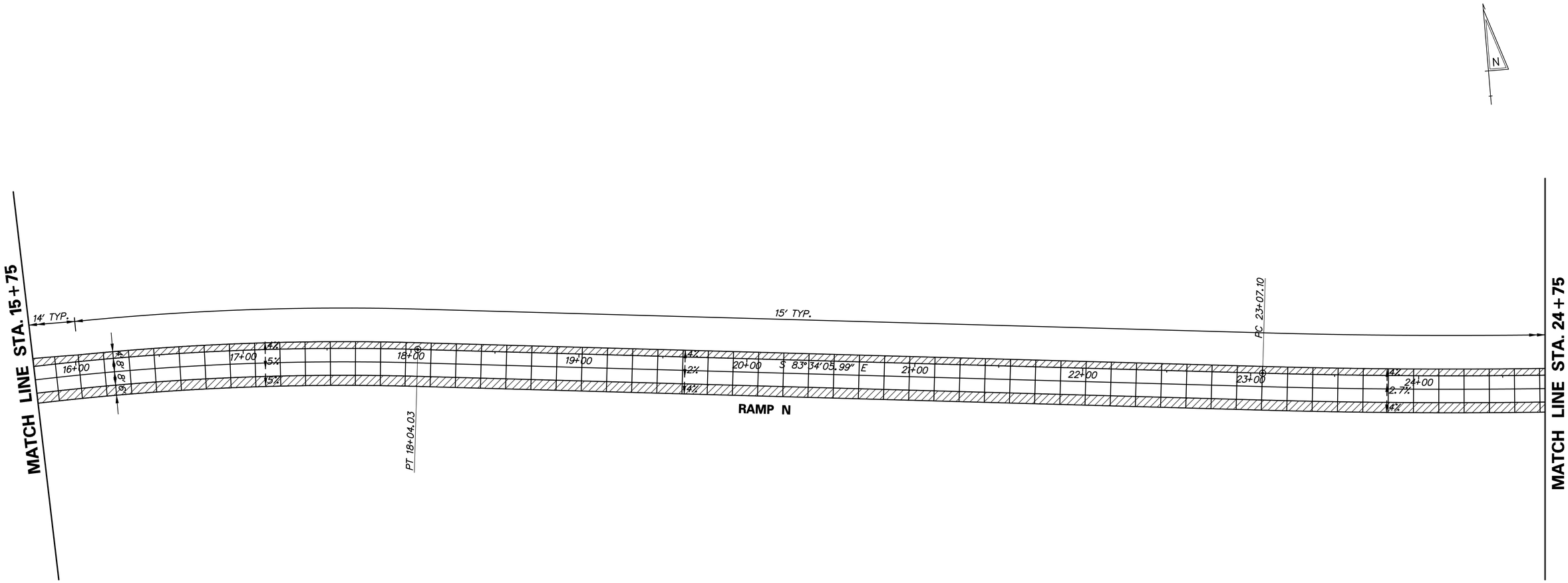

AREA NOT SUBJECT TO IRI TESTING PER ITEM 501506 - RIDE QUALITY OF PORTLAND CEMENT CONCRETE PAVEMENT

NOTES:

1. JOINT LAYOUT AS SHOWN ON THE PLANS IS GRAPHICAL AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT THE JOINTS ACCORDING TO THE STANDARD DETAILS AND THESE GENERAL NOTES.
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7. IN CURVED SECTIONS, SLAB DIMENSIONS ARE PROVIDED ALONG THE OUTER RAIDUS OF THROUGH TRAVEL LANES.

EX-12

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO.	
T200911308	DESIGNED BY: NSP	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

PAVEMENT JOINT LAYOUT

SHEET NO.
213
TOTAL SHTS.
875

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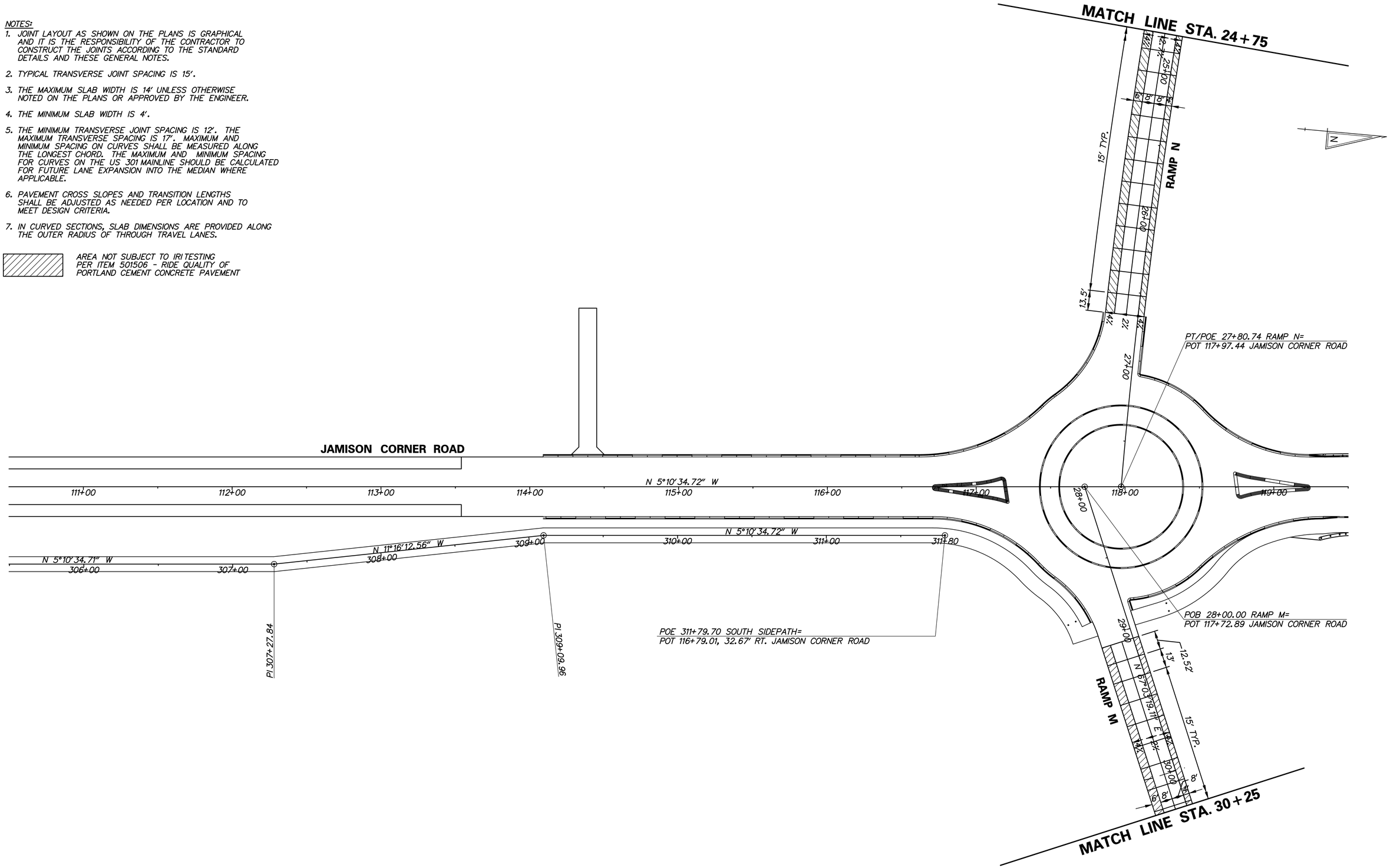
NOTES:

1. JOINT LAYOUT AS SHOWN ON THE PLANS IS GRAPHICAL AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT THE JOINTS ACCORDING TO THE STANDARD DETAILS AND THESE GENERAL NOTES.
2. TYPICAL TRANSVERSE JOINT SPACING IS 15'.
3. THE MAXIMUM SLAB WIDTH IS 14' UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER.
4. THE MINIMUM SLAB WIDTH IS 4'.
5. THE MINIMUM TRANSVERSE JOINT SPACING IS 12'. THE MAXIMUM TRANSVERSE SPACING IS 17'. MAXIMUM AND MINIMUM SPACING ON CURVES SHALL BE MEASURED ALONG THE LONGEST CHORD. THE MAXIMUM AND MINIMUM SPACING FOR CURVES ON THE US 301 MAINLINE SHOULD BE CALCULATED FOR FUTURE LANE EXPANSION INTO THE MEDIAN WHERE APPLICABLE.
6. PAVEMENT CROSS SLOPES AND TRANSITION LENGTHS SHALL BE ADJUSTED AS NEEDED PER LOCATION AND TO MEET DESIGN CRITERIA.
7. IN CURVED SECTIONS, SLAB DIMENSIONS ARE PROVIDED ALONG THE OUTER RADIUS OF THROUGH TRAVEL LANES.

AREA NOT SUBJECT TO IRI TESTING PER ITEM 501506 - RIDE QUALITY OF PORTLAND CEMENT CONCRETE PAVEMENT



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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

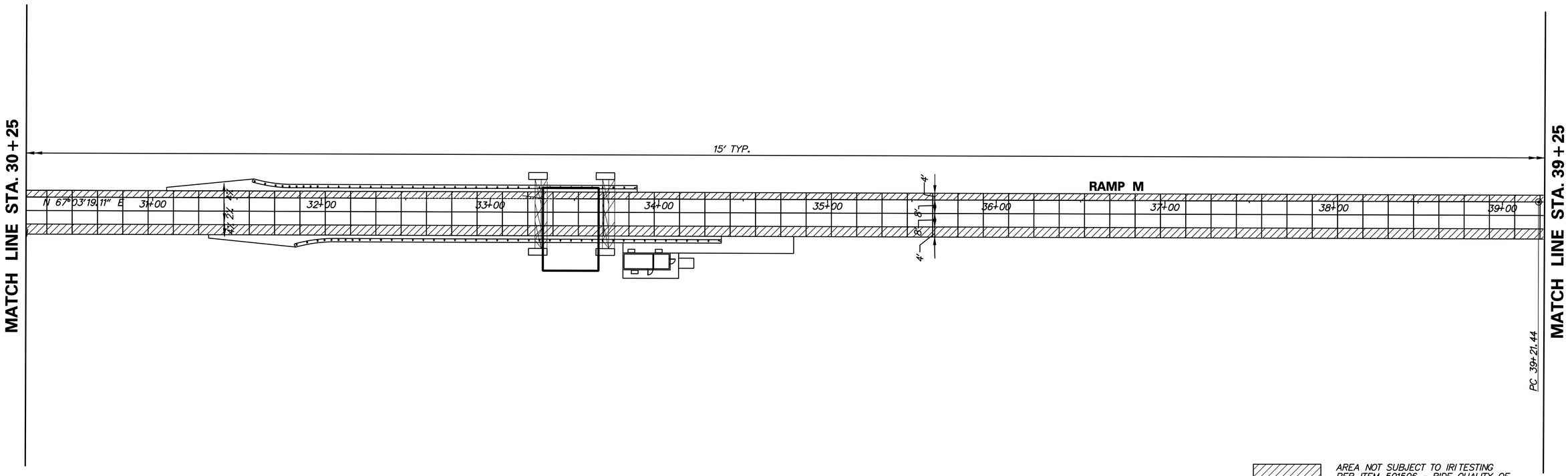
CONTRACT	BRIDGE NO.
T200911308	DESIGNED BY: NSP
COUNTY	CHECKED BY: BRT
NEW CASTLE	

PAVEMENT JOINT LAYOUT

EX-13

SHEET NO. 214

TOTAL SHTS. 875



AREA NOT SUBJECT TO IRI TESTING PER ITEM 501506 - RIDE QUALITY OF PORTLAND CEMENT CONCRETE PAVEMENT

NOTES:

1. JOINT LAYOUT AS SHOWN ON THE PLANS IS GRAPHICAL AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT THE JOINTS ACCORDING TO THE STANDARD DETAILS AND THESE GENERAL NOTES.
2. TYPICAL TRANSVERSE JOINT SPACING IS 15'.
3. THE MAXIMUM SLAB WIDTH IS 14' UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER.
4. THE MINIMUM SLAB WIDTH IS 4'.
5. THE MINIMUM TRANSVERSE JOINT SPACING IS 12'. THE MAXIMUM TRANSVERSE SPACING IS 17'. MAXIMUM AND MINIMUM SPACING ON CURVES SHALL BE MEASURED ALONG THE LONGEST CHORD. THE MAXIMUM AND MINIMUM SPACING FOR CURVES ON THE US 301 MAINLINE SHOULD BE CALCULATED FOR FUTURE LANE EXPANSION INTO THE MEDIAN WHERE APPLICABLE.
6. PAVEMENT CROSS SLOPES AND TRANSITION LENGTHS SHALL BE ADJUSTED AS NEEDED PER LOCATION AND TO MEET DESIGN CRITERIA.
7. IN CURVED SECTIONS, SLAB DIMENSIONS ARE PROVIDED ALONG THE OUTER RADIUS OF THROUGH TRAVEL LANES.

EX-14

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO.	PAVEMENT JOINT LAYOUT	SHEET NO.
T200911308	DESIGNED BY: NSP		215
COUNTY			TOTAL SHTS.
NEW CASTLE	CHECKED BY: BRT		875

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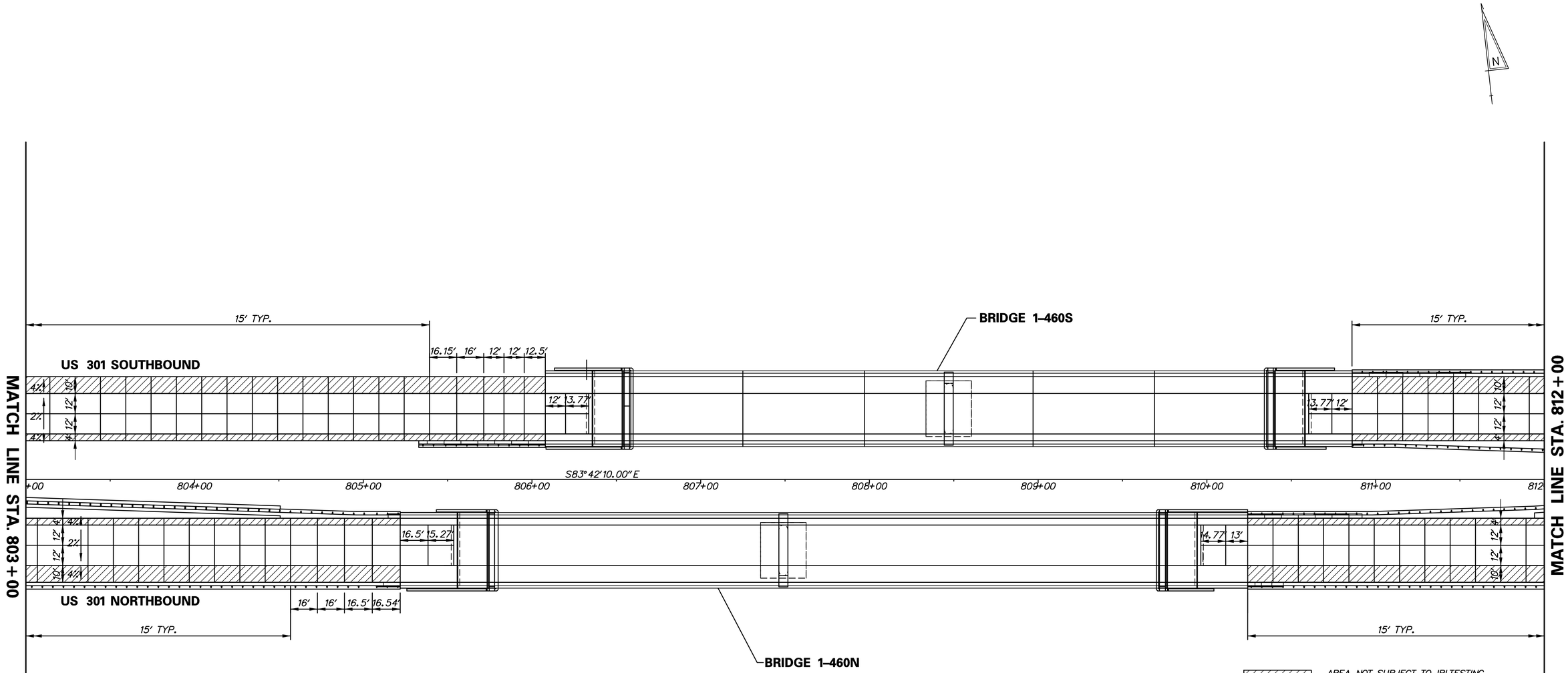

AREA NOT SUBJECT TO IRI TESTING PER ITEM 501506 - RIDE QUALITY OF PORTLAND CEMENT CONCRETE PAVEMENT

NOTES:

1. JOINT LAYOUT AS SHOWN ON THE PLANS IS GRAPHICAL AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT THE JOINTS ACCORDING TO THE STANDARD DETAILS AND THESE GENERAL NOTES.
2. TYPICAL TRANSVERSE JOINT SPACING IS 15'.
3. THE MAXIMUM SLAB WIDTH IS 14' UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER.
4. THE MINIMUM SLAB WIDTH IS 4'.
5. THE MINIMUM TRANSVERSE JOINT SPACING IS 12'. THE MAXIMUM TRANSVERSE SPACING IS 17'. MAXIMUM AND MINIMUM SPACING ON CURVES SHALL BE MEASURED ALONG THE LONGEST CHORD. THE MAXIMUM AND MINIMUM SPACING FOR CURVES ON THE US 301 MAINLINE SHOULD BE CALCULATED FOR FUTURE LANE EXPANSION INTO THE MEDIAN WHERE APPLICABLE.
6. PAVEMENT CROSS SLOPES AND TRANSITION LENGTHS SHALL BE ADJUSTED AS NEEDED PER LOCATION AND TO MEET DESIGN CRITERIA.
7. IN CURVED SECTIONS, SLAB DIMENSIONS ARE PROVIDED ALONG THE OUTER RADIUS OF THROUGH TRAVEL LANES.

EX-15

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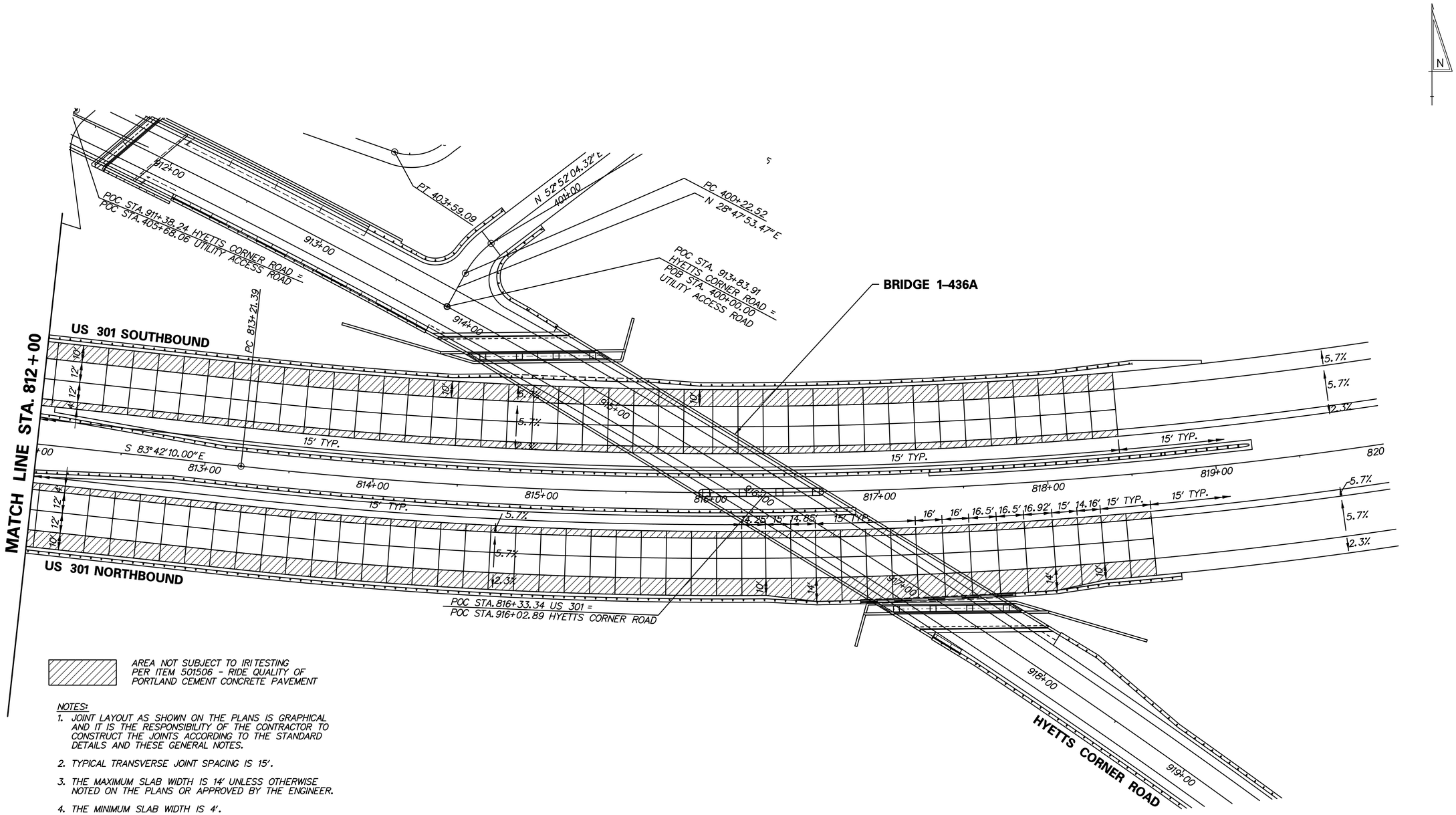
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301, SR 896 TO SR 1	CONTRACT T200911308	BRIDGE NO.	PAVEMENT JOINT LAYOUT	SHEET NO. 216
				COUNTY NEW CASTLE	DESIGNED BY: NSP		TOTAL SHTS. 875
					CHECKED BY: BRT		



AREA NOT SUBJECT TO IRI TESTING PER ITEM 501506 - RIDE QUALITY OF PORTLAND CEMENT CONCRETE PAVEMENT

NOTES:

1. JOINT LAYOUT AS SHOWN ON THE PLANS IS GRAPHICAL AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT THE JOINTS ACCORDING TO THE STANDARD DETAILS AND THESE GENERAL NOTES.
2. TYPICAL TRANSVERSE JOINT SPACING IS 15'.
3. THE MAXIMUM SLAB WIDTH IS 14' UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER.
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6. PAVEMENT CROSS SLOPES AND TRANSITION LENGTHS SHALL BE ADJUSTED AS NEEDED PER LOCATION AND TO MEET DESIGN CRITERIA.
7. IN CURVED SECTIONS, SLAB DIMENSIONS ARE PROVIDED ALONG THE OUTER RADIUS OF THE THROUGH TRAVEL LANES.

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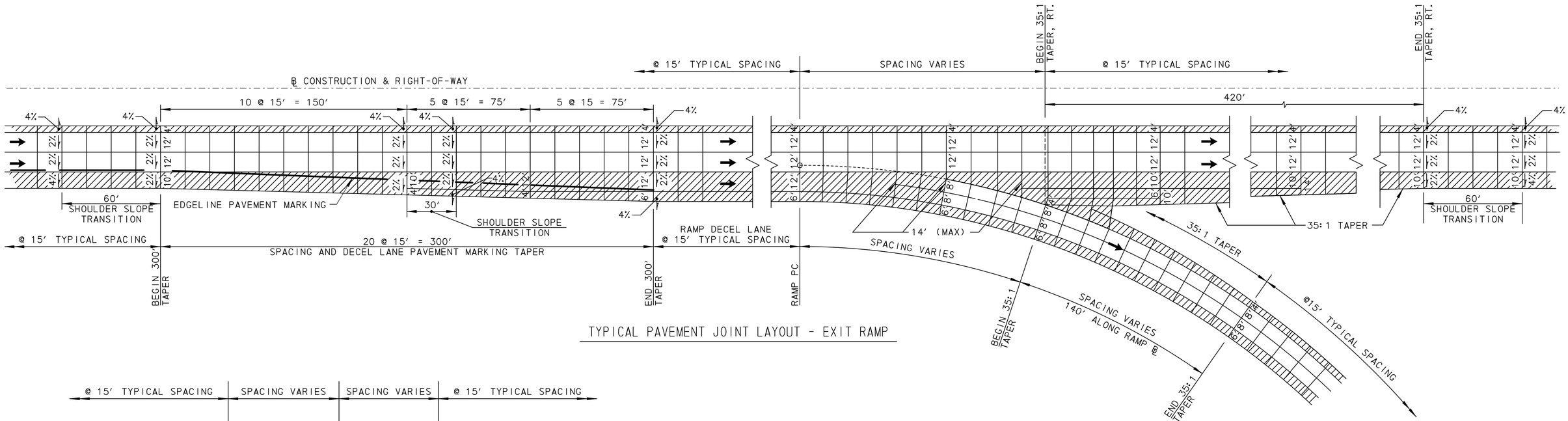
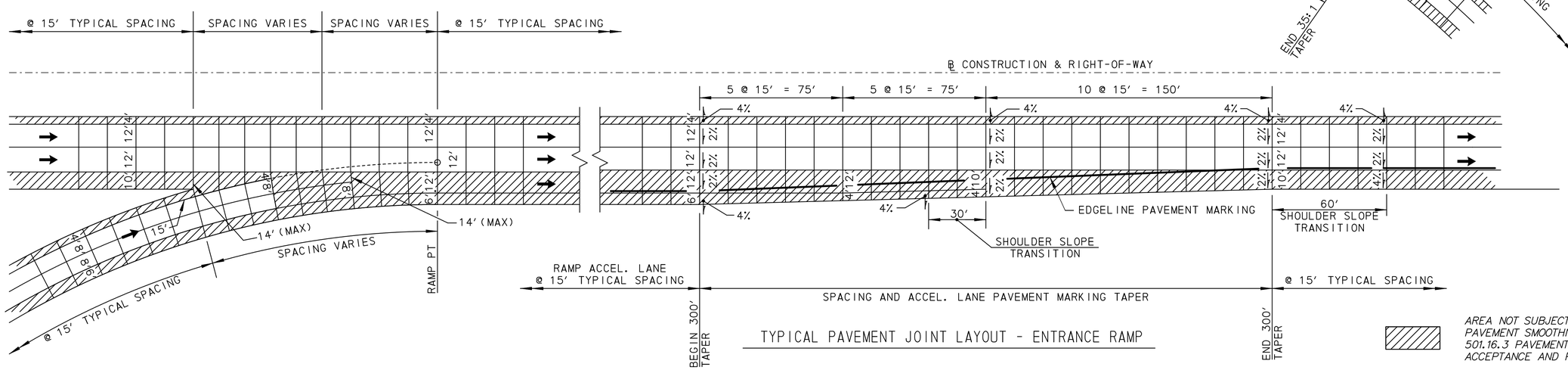
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301, SR 896 TO SR 1	CONTRACT T200911308	BRIDGE NO.	PAVEMENT JOINT LAYOUT	EX-16
				COUNTY NEW CASTLE	DESIGNED BY: NSP		SHEET NO. 217
					CHECKED BY: BRT		TOTAL SHTS. 875

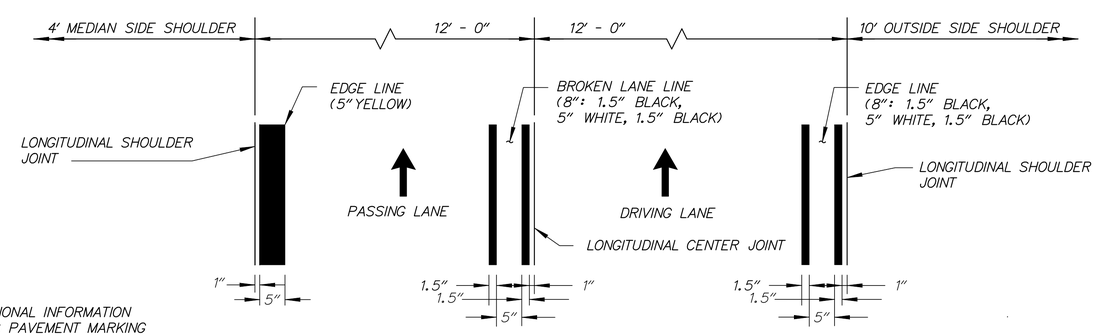


TYPICAL PAVEMENT JOINT LAYOUT - EXIT RAMP



TYPICAL PAVEMENT JOINT LAYOUT - ENTRANCE RAMP

AREA NOT SUBJECT TO SECTION 501.14 PAVEMENT SMOOTHNESS TESTING AND 501.16.3 PAVEMENT SMOOTHNESS ACCEPTANCE AND PAYMENT.



NOTE:

FOR ADDITIONAL INFORMATION REGARDING PAVEMENT MARKING AND RECESSED PAVEMENT MARKER LAYOUT SEE THE DELAWARE MUTCD.

TYPICAL MAINLINE PAVEMENT MARKING LAYOUT

NTS

GENERAL NOTES

1. *JOINT LAYOUT AS SHOWN ON THE PLANS IS GRAPHICAL AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT THE JOINTS ACCORDING TO THE STANDARD DETAILS AND THESE GENERAL NOTES.*
2. *TYPICAL TRANSVERSE JOINT SPACING IS 15′.*
3. *THE MAXIMUM SLAB WIDTH IS 14′ UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER.*
4. *THE MINIMUM SLAB WIDTH IS 4′.*
5. *THE MINIMUM TRANSVERSE JOINT SPACING IS 12′. THE MAXIMUM TRANSVERSE SPACING IS 17′. SPACING ON CURVES SHALL BE MEASURED ALONG THE LONGEST CHORD. THE MAXIMUM AND MINIMUM SPACING FOR CURVES ON THE US 301 MAINLINE SHOULD BE CALCULATED FOR FUTURE LANE EXPANSION INTO THE MEDIAN WHERE APPLICABLE.*
6. *PAVEMENT CROSS SLOPES AND TRANSITION LENGTHS SHALL BE ADJUSTED AS NEEDED PER LOCATION AND TO MEET DESIGN CRITERIA.*

EX-17

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DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

US 301, SR 896 TO SR 1

CONTRACT	BRIDGE NO.	
T200911308	DESIGNED BY:	SKS
COUNTY	CHECKED BY:	AKM
NEW CASTLE		

PAVEMENT JOINT LAYOUT DETAILS

SHEET NO.
218
TOTAL SHTS.
875