




CITY of NOVI CITY COUNCIL

**Agenda Item 1
August 8, 2016**

SUBJECT: Approval to award a construction contract for the Crescent Boulevard Reconstruction project to Toebe Construction, LLC, the low bidder, in the amount of \$1,810,418, subject to final review and approval of form of agreement by City Manager's office and the City Attorney.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division 

CITY MANAGER APPROVAL: 

EXPENDITURE REQUIRED	\$ 1,810,418
AMOUNT BUDGETED	\$ 2,430,271
LINE ITEM NUMBER	202-202.00-865.164

BACKGROUND INFORMATION:

Crescent Boulevard is in poor condition east of Novi Road (ranging from PASER 2 to 3) and has required a significant amount of maintenance over the past few years. This project involves the complete reconstruction of this segment of road. The proposed reconstruction will realign the median crossovers to improve vehicle circulation and safety and add a roundabout at the intersection of Crescent Boulevard and Town Center Drive. The project will also include the reconstruction of Crescent east of Town Center Drive, which is being deeded to the City of Novi as a separate item on this agenda. As was done recently on Town Center Drive and 11 Mile, this existing concrete road will be reconstructed in asphalt. Two-way traffic and access to all businesses will be maintained throughout construction.

A total of seven bids were received and opened on July 14, 2016 following a public bid solicitation period. The lowest bidder is Toebe Construction, LLC. Toebe's bid is recommended as being in the best interest of the City as it is responsive (i.e., Toebe Construction, LLC. has complied with all requirements of the bidding instructions) and it is the lowest price. (AECOM's award recommendation letter including the bid tabulation dated is attached.) A summary of the seven bids is as follows:

Contractor	Base Bid (including Crew Days)*
Toebe Construction	\$ 1,874,417.88
Angelo Iafrate Construction	\$ 1,968,857.11
Fonson Company	\$ 2,016,849.09
Pro-Line Asphalt Paving	\$ 2,067,399.84
Florence Cement Company	\$ 2,074,199.82
Merlo Construction Co,	\$ 2,094,441.26

Diponio Contracting	\$ 2,465,837.66
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*Crew Days are included to compare bids, but are not included in the award.

It is anticipated that this project will be substantially complete and fully open to traffic by November 1st, 2016, with final completion and restoration in spring 2017.

RECOMMENDED ACTION: Approval to award a construction contract for the Crescent Boulevard Reconstruction project to Toebe Construction, LLC, the low bidder, in the amount of \$1,810,418, subject to final review and approval of form of agreement by City Manager's office and the City Attorney.

	1	2	Y	N
Mayor Gatt				
Mayor Pro Tem Staudt				
Council Member Burke				
Council Member Casey				

	1	2	Y	N
Council Member Markham				
Council Member Mutch				
Council Member Wrobel				

Crescent Blvd Reconstruction

Location Map

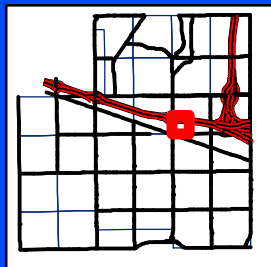


Map Author: A. Wayne
Date: 7/28/2016
Project:
Version #:

Amended By:
Date:
Department:

MAP INTERPRETATION NOTICE

Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.



City of Novi

Engineering Division
Department of Public Services
26300 Lee BeGole Drive
Novi, MI 48375
cityofnovi.org

Feet
0 62.5 125 250 375

1 inch = 300 feet





July 18, 2016

Mr. Adam Wayne, PE
City of Novi
Engineering Department
26300 Lee BeGole Drive
Novi, MI 48375

Reference: Bid Analysis and Contract Award Recommendation
Crescent Boulevard Reconstruction
AECOM Project Number 60446140

Dear Mr. Wayne:

Attached is the Bid Tabulation for the above referenced project. Seven bids were received and opened. This bid is under the latest Engineer's Estimate. The following irregularities were noted in the bids:

There are minor errors in the low bidder, Toebe Construction, LLC bid. Their total cost for Aggregate Base, 21AA Limestone, 6 inch is \$32,932.40 (bid tab has \$32,923.40), total cost for Driveway Opening, Conc, Det M is \$14,971.05 (bid tab has \$14,917.05), and total cost for Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk is \$3,135.60 (bid tab has \$3,133.60). However, these errors did not change their overall bid price.

Other contractors had minor arithmetic errors in their bids, but these errors did not impact the order of bids.

Toebe Construction, LLC, the low bidder, has successfully completed similar projects in the state of Michigan. We have worked with them on several projects and they have performed satisfactorily. The bonding company listed in the Statement of Qualifications (Federal Insurance Company) has an AM Best rating that exceeds the minimum requirements.

We recommend award of the Crescent Boulevard Reconstruction contract to Toebe Construction, LLC for the Bid Amount, excluding crew day costs, of \$1,810,417.68.

Please feel free to contact me if you need anything else or wish to discuss the project.

Sincerely,

Sean Kelsch, P.E.
Project Manager

cc: Brian Coburn, City of Novi
Mark Koskinen, AECOM

City of Novi
Crescent Boulevard Reconstruction with Crescent/Town Center Roundabout
Bid Tabulation
Bids Opened July 14, 2016

Item No.	Item Description	Unit	Total	Engineer's Estimate		Toebe Construction		Angelo Iafrate Construction		Fonson Company		Pro-Line Asphalt Paving		Florence Cement Company		Merlo Construction Co.		Diponio Contracting	
				Unit Price (\$)	Total Cost (\$)	Unit Price (\$)	Total Cost (\$)	Unit Price (\$)	Total Cost (\$)	Unit Price (\$)	Total Cost (\$)	Unit Price (\$)	Total Cost (\$)	Unit Price (\$)	Total Cost (\$)	Unit Price (\$)	Total Cost (\$)	Unit Price (\$)	Total Cost (\$)
1	Mobilization (10%)	LS	1	\$ 197,074.57	\$ 197,074.57	\$ 90,500.00	\$ 90,500.00	\$ 192,000.00	\$ 192,000.00	\$ 90,800.00	\$ 90,800.00	\$ 100,000.00	\$ 100,000.00	\$ 169,200.00	\$ 169,200.00	\$ 140,000.00	\$ 140,000.00	\$ 215,000.00	\$ 215,000.00
2	Pre-Construction Audio-Visual	LS	1	\$ 2,500.00	\$ 2,500.00	\$ 1,140.00	\$ 1,140.00	\$ 1,800.00	\$ 1,800.00	\$ 1,110.00	\$ 1,110.00	\$ 1,150.00	\$ 1,150.00	\$ 1,500.00	\$ 1,500.00	\$ 2,500.00	\$ 2,500.00	\$ 1,125.00	\$ 1,125.00
3	Remove Pavement	Syd	19,199	\$ 8.00	\$ 153,592.00	\$ 5.60	\$ 107,514.40	\$ 5.00	\$ 95,995.00	\$ 6.65	\$ 127,673.35	\$ 6.80	\$ 130,553.20	\$ 6.00	\$ 115,194.00	\$ 7.50	\$ 143,992.50	\$ 15.50	\$ 297,584.50
4	Sidewalk, Rem	Syd	1,560	\$ 8.00	\$ 12,480.00	\$ 6.10	\$ 9,516.00	\$ 4.55	\$ 7,098.00	\$ 6.28	\$ 9,796.80	\$ 7.99	\$ 12,464.40	\$ 9.00	\$ 14,040.00	\$ 7.75	\$ 12,090.00	\$ 22.00	\$ 34,320.00
5	Curb and Gutter, Rem	Ft	285	\$ 7.00	\$ 1,995.00	\$ 9.60	\$ 2,736.00	\$ 5.60	\$ 1,596.00	\$ 5.50	\$ 1,567.50	\$ 9.00	\$ 2,565.00	\$ 11.00	\$ 3,135.00	\$ 16.00	\$ 4,560.00	\$ 19.00	\$ 5,415.00
6	Roadway Grading	Sta	28	\$ 2,500.00	\$ 70,000.00	\$ 4,500.00	\$ 126,000.00	\$ 6,350.00	\$ 177,800.00	\$ 8,500.00	\$ 238,000.00	\$ 5,060.00	\$ 141,680.00	\$ 4,500.00	\$ 126,000.00	\$ 4,200.00	\$ 117,600.00	\$ 5,000.00	\$ 140,000.00
7	Subgrade Undercutting, Type II	Cyd	500	\$ 40.00	\$ 20,000.00	\$ 28.80	\$ 14,400.00	\$ 25.80	\$ 12,900.00	\$ 51.00	\$ 25,500.00	\$ 30.00	\$ 15,000.00	\$ 40.00	\$ 20,000.00	\$ 40.00	\$ 20,000.00	\$ 63.00	\$ 31,500.00
8	Erosion Control, Silt Fence	Ft	500	\$ 4.00	\$ 2,000.00	\$ 3.45	\$ 1,725.00	\$ 1.90	\$ 950.00	\$ 2.60	\$ 1,300.00	\$ 2.88	\$ 1,440.00	\$ 4.00	\$ 2,000.00	\$ 2.00	\$ 1,000.00	\$ 2.00	\$ 1,000.00
9	Erosion Control, Inlet Protection, Fabric Drop	Ea	22	\$ 150.00	\$ 3,300.00	\$ 78.00	\$ 1,716.00	\$ 49.60	\$ 1,091.20	\$ 125.00	\$ 2,750.00	\$ 85.00	\$ 1,870.00	\$ 90.00	\$ 1,980.00	\$ 125.00	\$ 2,750.00	\$ 74.00	\$ 1,628.00
10	Tensor TX5 Geogrid	Syd	17,676	\$ 5.00	\$ 88,380.00	\$ 3.30	\$ 58,330.80	\$ 4.55	\$ 80,425.80	\$ 4.00	\$ 70,704.00	\$ 3.50	\$ 61,866.00	\$ 4.00	\$ 70,704.00	\$ 3.50	\$ 61,866.00	\$ 5.00	\$ 88,380.00
11	Aggregate Base, 21AA Limestone, 10 inch	Syd	17,676	\$ 15.00	\$ 265,140.00	\$ 12.90	\$ 228,020.40	\$ 11.70	\$ 206,809.20	\$ 13.50	\$ 238,626.00	\$ 10.92	\$ 193,021.92	\$ 13.00	\$ 229,788.00	\$ 13.50	\$ 238,626.00	\$ 16.00	\$ 282,816.00
12	Aggregate Base, 21AA Limestone, 6 inch	Syd	2,839	\$ 13.00	\$ 36,907.00	\$ 11.60	\$ 32,932.40	\$ 11.60	\$ 32,932.40	\$ 12.10	\$ 34,351.90	\$ 10.50	\$ 29,809.50	\$ 12.00	\$ 34,068.00	\$ 9.00	\$ 25,551.00	\$ 15.00	\$ 42,585.00
13	Sewer, CI A, 12 inch, Tr Det B	Ft	552	\$ 60.00	\$ 33,120.00	\$ 68.00	\$ 37,536.00	\$ 53.10	\$ 29,311.20	\$ 59.00	\$ 32,568.00	\$ 81.32	\$ 44,888.64	\$ 75.00	\$ 41,400.00	\$ 50.00	\$ 27,600.00	\$ 102.00	\$ 56,304.00
14	Sewer, CI A, 24 inch, Tr Det B	Ft	142	\$ 70.00	\$ 9,940.00	\$ 97.00	\$ 13,774.00	\$ 82.30	\$ 11,686.60	\$ 98.00	\$ 13,916.60	\$ 127.07	\$ 18,043.94	\$ 133.00	\$ 18,886.00	\$ 60.00	\$ 8,520.00	\$ 160.00	\$ 22,720.00
15	Sewer, CI A, 36 inch, Tr Det B	Ft	147	\$ 80.00	\$ 11,760.00	\$ 148.20	\$ 21,785.40	\$ 117.00	\$ 17,199.00	\$ 127.00	\$ 18,669.00	\$ 152.48	\$ 22,414.56	\$ 133.00	\$ 19,551.00	\$ 75.00	\$ 11,025.00	\$ 235.00	\$ 34,545.00
16	Trench Undercut and Backfill	Cyd	20	\$ 50.00	\$ 1,000.00	\$ 73.75	\$ 1,475.00	\$ 44.10	\$ 882.00	\$ 122.00	\$ 2,440.00	\$ 40.00	\$ 800.00	\$ 75.00	\$ 1,500.00	\$ 45.00	\$ 900.00	\$ 122.00	\$ 2,440.00
17	Dr Structure, Tap, 6 inch	Ea	2	\$ 450.00	\$ 900.00	\$ 165.00	\$ 330.00	\$ 243.00	\$ 486.00	\$ 350.00	\$ 700.00	\$ 254.13	\$ 508.26	\$ 180.00	\$ 360.00	\$ 225.00	\$ 450.00	\$ 410.00	\$ 820.00
18	Dr Structure, Tap, 12 inch	Ea	2	\$ 500.00	\$ 1,000.00	\$ 355.00	\$ 710.00	\$ 335.00	\$ 670.00	\$ 490.00	\$ 980.00	\$ 508.26	\$ 1,016.52	\$ 200.00	\$ 400.00	\$ 265.00	\$ 530.00	\$ 895.00	\$ 1,790.00
19	Dr Structure, Tap, 36 inch	Ea	1	\$ 600.00	\$ 600.00	\$ 535.00	\$ 535.00	\$ 937.00	\$ 937.00	\$ 1,925.00	\$ 1,925.00	\$ 1,016.53	\$ 1,016.53	\$ 800.00	\$ 800.00	\$ 1,200.00	\$ 1,200.00	\$ 1,700.00	\$ 1,700.00
20	Dr Structure, 48 inch dia	Ea	22	\$ 2,500.00	\$ 55,000.00	\$ 1,850.00	\$ 40,700.00	\$ 1,300.00	\$ 28,600.00	\$ 2,250.00	\$ 49,500.00	\$ 3,049.58	\$ 67,090.76	\$ 2,200.00	\$ 48,400.00	\$ 2,600.00	\$ 57,200.00	\$ 2,450.00	\$ 53,900.00
21	Dr Structure, 60 inch dia	Ea	4	\$ 3,000.00	\$ 12,000.00	\$ 4,260.00	\$ 17,040.00	\$ 2,087.00	\$ 8,348.00	\$ 3,440.00	\$ 13,760.00	\$ 4,066.11	\$ 16,264.44	\$ 4,000.00	\$ 16,000.00	\$ 3,900.00	\$ 15,600.00	\$ 4,000.00	\$ 16,000.00
22	Dr Structure, 84 inch dia	Ea	1	\$ 3,500.00	\$ 3,500.00	\$ 6,100.00	\$ 6,100.00	\$ 4,933.00	\$ 4,933.00	\$ 8,160.00	\$ 8,160.00	\$ 6,607.42	\$ 6,607.42	\$ 7,900.00	\$ 7,900.00	\$ 16,000.00	\$ 16,000.00	\$ 6,100.00	\$ 6,100.00
23	Dr Structure Cover, Type B	Ea	5	\$ 500.00	\$ 2,500.00	\$ 350.00	\$ 1,750.00	\$ 373.00	\$ 1,865.00	\$ 475.00	\$ 2,375.00	\$ 599.75	\$ 2,998.75	\$ 400.00	\$ 2,000.00	\$ 575.00	\$ 2,875.00	\$ 675.00	\$ 3,375.00
24	Dr Structure Cover, Type K	Ea	22	\$ 700.00	\$ 15,400.00	\$ 520.00	\$ 11,440.00	\$ 552.00	\$ 12,144.00	\$ 660.00	\$ 14,520.00	\$ 681.07	\$ 14,983.54	\$ 500.00	\$ 11,000.00	\$ 600.00	\$ 13,200.00	\$ 800.00	\$ 17,600.00
25	Dr Structure Cover, Adj, Case 1	Ea	4	\$ 650.00	\$ 2,600.00	\$ 875.00	\$ 3,500.00	\$ 456.00	\$ 1,824.00	\$ 820.00	\$ 3,280.00	\$ 750.00	\$ 3,000.00	\$ 670.00	\$ 2,680.00	\$ 375.00	\$ 1,500.00	\$ 525.00	\$ 2,100.00
26	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	Ft	5	\$ 180.00	\$ 900.00	\$ 66.75	\$ 333.75	\$ 190.00	\$ 950.00	\$ 415.00	\$ 2,075.00	\$ 264.30	\$ 1,321.50	\$ 100.00	\$ 500.00	\$ 75.00	\$ 375.00	\$ 475.00	\$ 2,375.00
27	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	Ft	11	\$ 300.00	\$ 3,300.00	\$ 140.00	\$ 1,540.00	\$ 235.00	\$ 2,585.00	\$ 630.00	\$ 6,930.00	\$ 294.79	\$ 3,242.69	\$ 200.00	\$ 2,200.00	\$ 100.00	\$ 1,100.00	\$ 460.00	\$ 5,060.00
28	Dr Structure, Rem	Ea	11	\$ 300.00	\$ 3,300.00	\$ 420.00	\$ 4,620.00	\$ 327.00	\$ 3,597.00	\$ 535.00	\$ 5,885.00	\$ 813.22	\$ 8,945.42	\$ 250.00	\$ 2,750.00	\$ 200.00	\$ 2,200.00	\$ 380.00	\$ 4,180.00
29	Sewer, Rem, Less than 24 inch	Ft	61	\$ 12.00	\$ 732.00	\$ 35.80	\$ 2,183.80	\$ 13.40	\$ 817.40	\$ 44.00	\$ 2,684.00	\$ 50.83	\$ 3,100.63	\$ 35.00	\$ 2,135.00	\$ 36.00	\$ 2,196.00	\$ 45.00	\$ 2,745.00
30	Sewer, Rem, 24 inch to 48 inch	Ft	381	\$ 15.00	\$ 5,715.00	\$ 14.95	\$ 5,695.95	\$ 8.95	\$ 3,409.95	\$ 54.00	\$ 20,574.00	\$ 54.89	\$ 20,913.09	\$ 19.00	\$ 7,239.00	\$ 45.00	\$ 17,145.00	\$ 21.00	\$ 8,001.00
31	Sanitary Manhole Cover, Adj, Case 1	Ea	2	\$ 650.00	\$ 1,300.00	\$ 875.00	\$ 1,750.00	\$ 957.00	\$ 1,914.00	\$ 1,450.00	\$ 2,900.00	\$ 950.00	\$ 1,900.00	\$ 800.00	\$ 1,600.00	\$ 800.00	\$ 1,600.00	\$ 975.00	\$ 1,950.00
32	Point Up Drainage Structure	Ea	3	\$ 500.00	\$ 1,500.00	\$ 155.00	\$ 465.00	\$ 286.00	\$ 858.00	\$ 480.00	\$ 1,440.00	\$ 770.00	\$ 2,310.00	\$ 170.00	\$ 510.00	\$ 65.00	\$ 195.00	\$ 500.00	\$ 1,500.00
33	Reconstruct Drainage Structure	Ft	10	\$ 300.00	\$ 3,000.00	\$ 295.00	\$ 2,950.00	\$ 201.00	\$ 2,010.00	\$ 275.00	\$ 2,750.00	\$ 250.00	\$ 2,500.00	\$ 200.00	\$ 2,000.00	\$ 375.00	\$ 3,750.00	\$ 450.00	\$ 4,500.00
34	Underdrain, Subgrade, Open-Graded, 6 inch	Ft	4,797	\$ 9.50	\$ 45,571.50	\$ 9.00	\$ 43,173.00	\$ 11.20	\$ 53,726.40	\$ 15.72	\$ 75,408.84	\$ 12.55	\$ 60,202.35	\$ 12.00	\$ 57,564.00	\$ 13.00	\$ 62,361.00	\$ 16.00	\$ 76,752.00
35	GlasPave 25 Interlayer Fabric	Syd	14,822	\$ 3.50	\$ 51,877.00	\$ 3.78	\$ 56,027.16	\$ 3.80	\$ 56,323.60	\$ 3.79	\$ 56,175.38	\$ 3.84	\$ 56,916.48	\$ 4.03	\$ 59,732.66	\$ 3.90	\$ 57,805.80	\$ 4.00	\$ 59,288.00
36	HMA, 5E3, High Stress	Ton	1,877	\$ 100.00	\$ 187,700.00	\$ 72.28	\$ 135,669.56	\$ 72.30	\$ 135,707.10	\$ 72.28	\$ 135,669.56	\$ 84.60	\$ 158,794.20	\$ 94.00	\$ 176,438.00	\$ 74.50	\$ 139,836.50	\$ 73.00	\$ 137,021.00
37	HMA, 3E3	Ton	3,283	\$ 90.00	\$ 295,470.00	\$ 54.79	\$ 179,875.57	\$ 54.80	\$ 179,908.40	\$ 54.79	\$ 179,875.57	\$ 69.16	\$ 227,052.28	\$ 75.00	\$ 246,225.00	\$ 56.40	\$ 185,161.20	\$ 55.00	\$ 180,565.00
38	HMA Approach	Ton	53	\$ 100.00	\$ 5,300.00	\$ 72.28	\$ 3,830.84	\$ 72.30	\$ 3,831.90	\$ 72.28	\$ 3,830.84	\$ 165.00	\$ 8,745.00	\$ 140.00	\$ 7,420.00	\$ 74.40	\$ 3,943.20	\$ 73.00	\$ 3,869.00
39	Hydrant, Relocate, Case 1	Ea	1	\$ 2,700.00	\$ 2,700.00	\$ 3,500.00	\$ 3,500.00	\$ 2,977.00	\$ 2,977.00	\$ 2,580.00	\$ 2,580.00	\$ 2,235.00	\$ 2,235.00	\$ 2,000.00	\$ 2,000.00	\$ 3,500.00	\$ 3,500.00	\$ 900.00	\$ 900.00
40	Gate Well Cover, Adj, Case 2	Ea	2	\$ 300.00	\$ 600.00	\$ 300.00	\$ 600.00	\$ 456.00	\$ 912.00	\$ 525.00	\$ 1,050.00	\$ 700.00	\$ 1,400.00	\$ 500.00	\$ 1,000.00	\$ 375.00	\$ 750.00	\$ 700.00	\$ 1,400.00
41	Conc Pavt, Decorative, Nonreinf, 8 inch	Syd	355	\$ 35.00	\$ 12,425.00	\$ 76.00	\$ 26,980.00	\$ 151.35	\$ 53,729.25	\$ 80.82	\$ 28,691.10	\$ 79.00	\$ 28,045.00	\$ 77.80	\$ 27,619.00	\$ 85.00	\$ 30,175.00	\$ 83.00	\$ 29,465.00
42	Curb and Gutter, Conc, Det D1, Modified	Ft	275	\$ 17.00	\$ 4,675.00	\$ 17.65	\$ 4,853.75	\$ 22.00	\$ 6,050.00	\$ 22.00	\$ 6,050.00	\$ 20.48	\$ 5,632.00	\$ 20.15	\$ 5,541.25	\$ 32.00	\$ 8,800.00	\$ 22.00	\$ 6,050.00
43	Curb, Conc, Det E1	Ft	210	\$ 17.00	\$ 3,570.00	\$ 10.65	\$ 2,236.50	\$ 18.50	\$ 3,885.00	\$ 20.25	\$ 4,252.50	\$ 20.48	\$ 4,300.80	\$ 20.15	\$ 4,231.50	\$ 13.00	\$ 2,730.00	\$ 22.00	\$ 4,620.00
44	Curb and Gutter, Conc, Det C2, Modified	Ft	3,920	\$ 20.00	\$ 78,400.00	\$ 13.65	\$ 53,508.00	\$ 12.05	\$ 47,236.00	\$ 11.42	\$ 44,766.40	\$ 14.59	\$ 57,192.80	\$ 14.35	\$ 56,252.00	\$ 21.00	\$ 82,320.00	\$ 15.50	\$ 60,760.00
45	Curb and G																		

BID
Crescent Boulevard Reconstruction

Bid of **TOEBE CONSTRUCTION LLC** hereinafter called Bidder, organized and existing under the laws of or a resident of the State of Michigan, doing business as **CORPORATION** *.

Insert as applicable: "a corporation", "a partnership" or "an individual".

TO THE CITY OF NOVI, MICHIGAN, hereinafter called OWNER:

The undersigned as Bidder hereby declares: that this Bid is made in good faith without fraud or collusion with any person or persons bidding on the same Contract; that the Bidder has read and examined the Advertisement for Bids, Instructions to Bidders, Bid, General Conditions, Supplementary Conditions, Agreement, Forms of Bond, Specifications and Drawings, as prepared by the ENGINEER, and understands all of the same; that the Bidder of its representative has made personal investigation at the site and has become fully familiar with regard to the conditions to be met in the execution of this Contract, and the undersigned proposes to furnish all labor, materials, tools, power, transportation, and construction equipment necessary for the construction of the Project and performing related work in full accordance with the aforesaid Contract Documents, including any and all Addenda officially issued, their receipt of which is hereby acknowledged:

Addendum No.	Addendum Date
<u>1</u>	<u>7-12-16</u>

The Contract will be awarded to the lowest responsive, responsible Bidder based on the unit prices for all Work specified. The Bidder agrees to complete the Project for the following unit prices:

Item No.	Item Description	Unit	Total	Unit Price (\$)	Total Cost (\$)
1	Mobilization (10%)	LS	1	\$ 90,500.00	\$ 90,500.00
2	Pre-Construction Audio-Visual	LS	1	\$ 1,140.00	\$ 1,140.00
3	Remove Pavement	Syd	19,199	\$ 5.60	\$ 107,514.40
4	Sidewalk, Rem	Syd	1,560	\$ 6.10	\$ 9,516.00
5	Curb and Gutter, Rem	Ft	285	\$ 9.60	\$ 2,736.00
6	Roadway Grading	Sta	28	\$ 4,500.00	\$ 126,000.00
7	Subgrade Undercutting, Type II	Cyd	500	\$ 28.80	\$ 14,400.00
8	Erosion Control, Silt Fence	Ft	500	\$ 3.45	\$ 1,725.00
9	Erosion Control, Inlet Protection, Fabric Drop	Ea	22	\$ 78.00	\$ 1,716.00



CITY OF NOVI
Rev 3/12/15

Item No.	Item Description	Unit	Total	Unit Price (\$)	Total Cost (\$)
10	Tensar TX5 Geogrid	Syd	17,676	\$ 3.30	\$ 58,330.00
11	Aggregate Base, 21AA Limestone, 10 inch	Syd	17,676	\$ 12.90	\$ 228,020.40
12	Aggregate Base, 21AA Limestone, 6 inch	Syd	2,839	\$ 11.60	\$ 32,923.40
13	Sewer, Cl A, 12 inch, Tr Det B	Ft	552	\$ 68.00	\$ 37,536.00
14	Sewer, Cl A, 24 inch, Tr Det B	Ft	142	\$ 97.00	\$ 13,774.00
15	Sewer, Cl A, 36 inch, Tr Det B	Ft	147	\$ 148.20	\$ 21,785.40
16	Trench Undercut and Backfill	Cyd	20	\$ 73.75	\$ 1,475.00
17	Dr Structure, Tap, 6 inch	Ea	2	\$ 165.00	\$ 330.00
18	Dr Structure, Tap, 12 inch	Ea	2	\$ 355.00	\$ 710.00
19	Dr Structure, Tap, 36 inch	Ea	1	\$ 148.20 (J.T.S.) \$ 535.00	\$ 21,785.00 (J.T.S.) \$ 535.00
20	Dr Structure, 48 inch dia	Ea	22	\$ 1,850.00	\$ 40,700.00
21	Dr Structure, 60 inch dia	Ea	4	\$ 4,260.00	\$ 17,040.00
22	Dr Structure, 84 inch dia	Ea	1	\$ 6,100.00	\$ 6,100.00
23	Dr Structure Cover, Type B	Ea	5	\$ 350.00	\$ 1,750.00
24	Dr Structure Cover, Type K	Ea	22	\$ 520.00	\$ 11,440.00
25	Dr Structure Cover, Adj, Case 1	Ea	4	\$ 875.00	\$ 3,500.00
26	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	Ft	5	\$ 66.75	\$ 333.75
27	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	Ft	11	\$ 140.00	\$ 1,540.00
28	Dr Structure, Rem	Ea	11	\$ 420.00	\$ 4,620.00
29	Sewer, Rem, Less than 24 inch	Ft	61	\$ 35.80	\$ 2,183.80
30	Sewer, Rem, 24 inch to 48 inch	Ft	381	\$ 14.95	\$ 5,695.95
31	Sanitary Manhole Cover, Adj, Case 1	Ea	2	\$ 875.00	\$ 1,750.00
32	Point Up Drainage Structure	Ea	3	\$ 155.00	\$ 465.00



Item No.	Item Description	Unit	Total	Unit Price (\$)	Total Cost (\$)
33	Reconstruct Drainage Structure	Ft	10	\$ 295.00	\$ 2,950.00
34	Underdrain, Subgrade, Open-Graded, 6 inch	Ft	4,797	\$ 9.00	\$ 43,173.00
35	GlasPave 25 Interlayer Fabric	Syd	14,822	\$ 3.78	\$ 56,027.16
36	HMA, 5E3, High Stress	Ton	1,877	\$ 72.28	\$ 135,669.56
37	HMA, 3E3	Ton	3,283	\$ 54.79	\$ 179,875.57
38	HMA Approach	Ton	53	\$ 72.28	\$ 3,830.84
39	Hydrant, Relocate, Case 1	Ea	1	\$ 3,500.00	\$ 3,500.00
40	Gate Well Cover, Adj, Case 2	Ea	2	\$ 300.00	\$ 600.00
41	Conc Pavt, Decorative, Nonreinf, 8 inch	Syd	355	\$ 76.00	\$ 26,980.00
42	Curb and Gutter, Conc, Det D1, Modified	Ft	275	\$ 17.65	\$ 4,853.75
43	Curb, Conc, Det E1	Ft	210	\$ 10.65	\$ 2,236.50
44	Curb and Gutter, Conc, Det C2, Modified	Ft	3,920	\$ 13.65	\$ 53,508.00
45	Curb and Gutter, Conc, Det C4	Ft	3,909	\$ 14.15	\$ 55,312.35
46	Curb and Gutter, Conc, Det F4	Ft	888	\$ 14.15	\$ 12,565.20
47	Driveway Opening, Conc, Det M	Ft	927	\$ 16.15	\$ 14,917.05
48	Driveway, Nonreinf Conc, 6 inch	Syd	829	\$ 34.00	\$ 28,186.00
49	Sidewalk, Conc, 4 inch	Sft	12,136	\$ 3.25	\$ 39,442.00
50	Sidewalk, Conc, 6 inch	Sft	2,528	\$ 3.75	\$ 9,480.00
51	Sidewalk Ramp, Conc, 6 inch	Sft	2,878	\$ 4.25	\$ 12,231.50
52	Brick Pavers, Rem	Sft	292	\$ 0.01	\$ 2.92
53	Sidewalk, Brick Pavers on Conc and Sand Bed	Sft	100	\$ 12.71	\$ 1,271.00
54	Detectable Warning Surface	Ft	126	\$ 30.00	\$ 3,780.00
55	Tree, Rem, 6 inch to 18 inch	Ea	20	\$ 225.00	\$ 4,500.00



Item No.	Item Description	Unit	Total	Unit Price (\$)	Total Cost (\$)
56	Post, Mailbox	Ea	6	\$ 115.00	\$ 690.00
57	Rem Spec Mrkg	Sft	719	\$ 2.65	\$ 1,905.35
58	Pavt Mrkg, Ovly Cold Plastic, Only	Ea	1	\$ 165.00	\$ 165.00
59	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	Ea	2	\$ 165.00	\$ 330.00
60	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	Ea	3	\$ 195.00	\$ 585.00
61	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	Ea	24	\$ 89.95	\$ 2,158.00
62	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	Ea	24	\$ 0.01	\$ 0.24
63	Barricade, Type III, High Intensity, Lighted, Furn	Ea	83	\$ 74.95	\$ 6,220.85 (S.T.S.) 7.66
64	Barricade, Type III, High Intensity, Lighted, Oper	Ea	83	\$ 0.02	\$ 1.66
65	Minor Traf Devices	LS	1	\$ 4,7825.00	\$ 4,7825.00
66	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	Ft	912	\$ 0.65	\$ 592.80
67	Pavt Mrkg, Type NR, Paint, 4 inch, Yellow, Temp	Ft	5,520	\$ 0.50	\$ 2,760.00
68	Plastic Drum, High Intensity, Furn	Ea	180	\$ 17.95	\$ 3,231.00
69	Plastic Drum, High Intensity, Oper	Ea	180	\$ 0.01	\$ 1.80
70	Sign Cover	Ea	1	\$ 20.00	\$ 20.00
71	Sign, Type A, Temp, Prismatic, Furn	Sft	261	\$ 4.95	\$ 1,291.95
72	Sign, Type A, Temp, Prismatic, Oper	Sft	261	\$ 0.01	\$ 2.61
73	Sign, Type B, Temp, Prismatic, Furn	Sft	1,002	\$ 3.95	\$ 3,957.90
74	Sign, Type B, Temp, Prismatic, Oper	Sft	1,002	\$ 0.01	\$ 10.02
75	Sign, Type B, Temp, Prismatic, Special, Furn	Sft	66	\$ 9.95	\$ 656.70
76	Sign, Type B, Temp, Prismatic, Special, Oper	Sft	66	\$ 0.01	\$ 0.66
77	TS, Bag	Ea	1	\$ 500.00	\$ 500.00
78	TS, Bag, Rem	Ea	1	\$ 500.00	\$ 500.00



Item No.	Item Description	Unit	Total	Unit Price (\$)	Total Cost (\$)
79	Fence, Protective	Ft	120	\$ 2.06	\$ 247.20
80	Traf Regulator Control	LS	1	\$ 17,200.00	\$ 17,200.00
81	Maintenance Gravel, LM	Cyd	888	\$ 54.00	\$ 47,952.00
82	Pedestrian Type II Barricade, Temp	Ea	10	\$ 99.95	\$ 999.50
83	Pavt Mrkg, Wet Reflective Tape, 4 inch, White	Ft	60	\$ 1.65	\$ 99.00
84	Pavt Mrkg, Wet Reflective Tape, 4 inch, Yellow	Ft	91	\$ 1.65	\$ 150.15
85	Perforated Steel Square Tube Breakaway System	Ea	6	\$ 750.00	\$ 4,500.00
86	Post, Steel, 3 lb	Ft	1,397	\$ 4.95	\$ 6,915.15
87	Post, Wood, 6 inch by 8 inch	Ft	36	\$ 24.00	\$ 864.00
88	Sign, Type II, Rem	Ea	1	\$ 100.00	\$ 100.00
89	Sign, Type IIA	Sft	80	\$ 13.95	\$ 1,116.00
90	Sign, Type IIB	Sft	24	\$ 13.95	\$ 334.80 (S.T.S) 867.00
91	Sign, Type III, Erect, Salv	Ea	17	\$ 50.00	\$ 850.00
92	Sign, Type III, Rem	Ea	63	\$ 10.00	\$ 630.00
93	Sign, Type IIIA	Sft	232	\$ 13.95	\$ 3,236.40
94	Sign, Type IIIB	Sft	430	\$ 13.95	\$ 5,998.50
95	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	Ft	190	\$ 2.85	\$ 541.50
96	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	Ft	55	\$ 5.85	\$ 321.75
97	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	Ft	70	\$ 5.85	\$ 409.50
98	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	Ft	536	\$ 5.85	\$ 3,133.60
99	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	Ft	40	\$ 12.00	\$ 480.00
100	Pavt Mrkg, Ovly Cold Plastic, Yield	Ea	3	\$ 175.00	\$ 525.00
101	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	Ea	6	\$ 165.00	\$ 990.00



Item No.	Item Description	Unit	Total	Unit Price (\$)	Total Cost (\$)
102	Pavt Mrkg, Ovly Cold Plastic, Only	Ea	9	\$ 165.00	\$ 1,485.00
103	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	Ea	4	\$ 165.00	\$ 660.00
104	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	Ea	6	\$ 195.00	\$ 1,170.00
105	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	Ft	2,295	\$ 0.40	\$ 918.00
106	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	Ft	870	\$ 0.40	\$ 348.00
107	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	Ft	160	\$ 0.60	\$ 96.00
108	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	Ft	175	\$ 0.60	\$ 105.00
109	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	Ft	45	\$ 0.80	\$ 36.00
110	Surface Restoration	LS	1	\$ 40,087.60	\$ 40,087.60
111	Private Lighting Relocation	LS	1	\$ 24,665.00	\$ 24,665.00
112	Irrigation Sleeves	Ft	1,600	\$ 4.12	\$ 6592.00
113	Watering and Cultivating, First Season, Min	LS	1	\$ 3,605.00	\$ 3,605.00
114	Acer x freemanii 'Celebration', 2 1/2 inch	Ea	3	\$ 324.45	\$ 973.35
115	Ulmus americana 'Princeton', 2 1/2 inch	Ea	5	\$ 324.45	\$ 1,622.25
116	Gleditsia triacanthos inermis 'Shademaster', 2 1/2 inch	Ea	8	\$ 324.45	\$ 2,595.60
117	Juniperus chinensis 'Sea Green', #3 cont.	Ea	25	\$ 30.90	\$ 772.50
118	Sporobolus heterolepis, #1 cont.	Ea	147	\$ 14.42	\$ 2,119.74
119	Rhus aromatica 'Gro-Low', #3 cont.	Ea	25	\$ 30.90	\$ 772.50 (J.T.S) 1,050.60
120	Rosa radRazz 'Knock Out', #3 cont.	Ea	34	\$ 30.90	\$ 1,050.60
121	Deutzia gracilis 'Nikko', #2 cont.	Ea	69	\$ 25.75	\$ 1,776.75
122	Hemerocallis, 'Stella de Oro', #1 cont.	Ea	327	\$ 10.30	\$ 3,368.10
123	Prepared Soil	Cyd	20	\$ 41.20	\$ 824.00
124	Shredded Bark Mulch	Cyd	20	\$ 51.50	\$ 1,030.00



Item No.	Item Description	Unit	Total	Unit Price (\$)	Total Cost (\$)
125	Crew Days	Day	100	\$ 640.00	\$ 64,000.00
TOTAL BID:					\$ 1,874,417.68

Bidders must provide unit prices for all items and a quantity for the Crew Day Item.

The City's intent is to award to the lowest responsible bidder.

If the foregoing Bid shall be accepted by the OWNER, the undersigned agrees to enter into the attached form of Agreement within ten (10) days after receiving notice of such acceptance, will furnish the OWNER satisfactory bonds and certificates of insurance coverage, and will complete the Project, at the price and within the time stated in this Bid.

The undersigned further agrees that if the foregoing Bid shall be accepted, work will commence immediately after the Contract has been awarded, the Agreement executed, and a Notice to Proceed received.

Substantial Completion shall be no later than November 1, 2016.

Final Completion shall be no later than May 15, 2017.

The undersigned attaches hereto its Bid security, as required by the Advertisement for Bids and Instructions to Bidders. The undersigned agrees that in case it shall fail to fulfill its obligations under the foregoing Bid, and/or shall fail to furnish bonds, as specified, the OWNER may, at its option determine that the undersigned has abandoned its rights and interests in such Contract and that its Bid security accompanying its Bid; has been forfeited to the said OWNER, but otherwise the Bid security shall be returned to the undersigned upon the execution of the Contract and the acceptance of the bonds.

The undersigned also agrees that for each and every calendar day that he may be in default of any of the completion dates listed above, the OWNER will suffer a damage of Six Hundred Dollars (\$600.00) per day, and said OWNER shall be compensated therefore at the rate as liquidated damages in accordance with the Agreement.



In submitting this Bid, it is understood that the right is reserved by the OWNER to accept any bid, to reject any or all Bids, and to waive irregularities in bidding in the interest of the OWNER.

SUBMITTED on 7-14-2014
Date*

TOEBE CONSTRUCTION LLC
28990 WIXOM RD.
Street
P.O. Box 930129
Wixom, MI 48393-0129
City, State, ZIP*

248-349-7500
Telephone Number*

248-349-4870
Facsimile Number*

BY: **TOEBE CONSTRUCTION LLC**
Name of Bidder*


Signature

Jeffrey T. Stover,
Vice President
Name and Title of Signatory*

*Typed or printed in ink.



BIDDER'S QUALIFICATION AND EXPERIENCE STATEMENT

The OWNER will require supporting evidence regarding Bidder's Qualifications and competency. The Bidder will be required to furnish all of the applicable information listed below, which must be submitted with the sealed Bid at the time of Bid Opening. The Qualifications and Experience Statement must be typewritten and signed in ink.

A fill-in-the blank version of this form is available for your convenience on the City of Novi's website (www.cityofnovi.org) under Forms & Permits/Engineering.

QUALIFICATIONS AND EXPERIENCE STATEMENT

The undersigned certifies under oath that the information provided herein is true and sufficiently complete so as not to be misleading.

Submitted to: CITY OF NOVI

Address: 26300 LEE BEBOLE DRIVE, NOVI

Submitted by: _____

Name: TOEBE CONSTRUCTION LLC

Address: 28990 WIXOM ROAD
P.O. Box 930129

City, State, ZIP Wixom, MI 48393

Telephone Number: 248-349-7500 Fax Number: 248-349-4870

Principal Office: _____

Corporation: Joint Venture: _____

Partnership: _____ Other: _____

Individual: _____

Name of Project: CRESCENT BOULEVARD RECONSTRUCTION

Type of Work (file separate form for each classification of work):

General: _____ Roadway Rehabilitation:

Underground Construction:

Other: Bridge work (Please Specify)



Organization

How many years has your organization been in business as a CONTRACTOR?

94 Years

How many years has your organization been in business under its present business name?

3 Years

Under what other business names has your organization operated?

WALTER TOEBE CONSTRUCTION Co.

If your organization is a corporation, answer the following:

Date of Incorporation: 7-31-2013

State of Incorporation: MICHIGAN

President's Name: B. THOMAS STOVER

Vice President's Name: JEFFREY T. STOVER

Secretary's Name: B. ANDREW STOVER

Treasurer's Name: B. THOMAS STOVER

If your organization is a partnership, answer the following:

Date of Organization: _____

Type of Partnership: _____

Names of General Partners: _____

If your organization is individually owned, answer the following:

Date of Organization: _____

Name of OWNER: _____

If the form of your organization is other than those listed above, describe it and name the principals:



Licensing

List jurisdictional and trade categories in which your organization is legally qualified to do business, and indicate registration or license numbers, if applicable:

N/A

List jurisdiction in which your organization's partnership or trade name is filed:

N/A

Experience

List the categories of work that your organization normally performs with its own forces:

- 1. Roadway Paving
- 2. Roadway Excavation, grading, storm sewer, watermain
- 3. Bridge work

On a separate sheet, list major construction projects your organization has in progress. List the name of project, owner, architect/engineer, contract amount, percent complete, and scheduled completion date. *see Attached*

On a separate sheet, list the major construction projects your organization has completed in the past five (5) years. List the name of the project, owner, architect/engineer, contract amount, date of completion, and percentage of the cost of the work performed with your own forces. *see Attached*

On a separate sheet, list the construction experience and present commitments of the key individuals of your organization who would be employed in the Work. *see attached*

Claims and Suits

If the answer to any of the questions below is yes, please attach details.

Has your organizations ever failed to complete any work awarded to it? No

Are there any judgments, claims, arbitration proceedings or suits pending or outstanding against your organization or officers? No



Has the City of Novi filed a claim on any contract within the prior three years which asserted that your organization:

1) failed to perform as required by the contract?

_____ YES NO

2) completed contracted work in an untimely manner causing delays and interference;

_____ YES NO

3) lacked financial resources and the ability to satisfactorily perform the contract or provide the services or supplies;

_____ YES NO

4) exhibited poor quality of performance or completed work under the contract;

_____ YES NO

5) failed to comply with laws and ordinances relating to the contract performance;

_____ YES NO

6) defaulted on its quotations or prices;

_____ YES NO

References


Entity	Contact Name	Phone
<i>Trade References</i>		
1. Anderson, Eckstein and Westrick	Scott Lockwood	586-726-1234
2. City of Livonia	Todd Zilincik (City Engineer)	734-466-2561
3. Road Commission of Oakland County	Lisa New	248-858-4858
<i>Bank References</i>		
1. Wells Fargo Bank	Craig P. Wasen	248-723-3155
2.		
3.		
<i>Surety</i>		
Federal Insurance Co	AL CHANDLER	248-530-3203



Name of Bonding Company: FEDERAL INSURANCE COMPANY
Name of Bonding Agent: AT CHANDLER
Address of Bonding Agent: 1175 WEST HONOLAKE ROAD - SUITE 200
TROY, MI 48098

SUBMITTED on 7-14-2016
Date*

*Typed or printed in ink.

BY: **TOEBE CONSTRUCTION LLC**
Name of Bidder*

Signature
Jeffrey T. Stover,
Vice President
Name and Title of Signatory*

Jeffrey T. Stover,
Vice President
being duly sworn deposes and says that the information provided herein is true and sufficiently complete so as not to be misleading.

Subscribed and sworn before me this 14th day of July 2016.

Notary Public: 

My Commission Expires: **MICHAEL PATRICK DARASKAVICH**
NOTARY PUBLIC, STATE OF MICHIGAN
COUNTY OF OAKLAND
MY COMMISSION EXPIRES SEPT 11, 2016
ACTING IN THE COUNTY OF OAKLAND

IF THIS INFORMATION IS NOT SUBMITTED WITH THE SEALED BID AT THE TIME OF BID, THE BID WILL BE CONSIDERED INCOMPLETE.



RECEIVED

AUG 20 2015

Toebe Construction

Mike



RICK SNYDER
Governor

STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
Lansing

KIRK T. STEUDLE
Director

August 14, 2015

Toebe Construction LLC
PO Box 930129
Wixom MI 48393-0129

07550
(248) 349-7500

Dear Vendor:

In accordance with our Administrative Rules we have established your numerical rating which is based on a financial rating of [redacted] covering the classifications in the amounts stated below. This prequalification rating is effective until April 30, 2017.

[redacted]	B	Concrete Pavement
[redacted]	Ba	Concrete Pavement Patching And Widening
[redacted]	Ea	Grading, Drainage Structures & Agg. Cons
[redacted]	Fa	Bridges And Special Structures
[redacted]	Fb	Structural Steel(Erection)
[redacted]	Fd	Pumphouses
[redacted]	I	Sodding And Seeding/Turf Establishment
[redacted]	J	Concrete C, C&G, Driveways, Sidewalks
[redacted]	K	Sewers and Watermains
[redacted]	N2	Clearing & Grubbing
[redacted]	N7	Waterproofing
[redacted]	N91E	Structural Crack Repair
[redacted]	N91F	Hydrodemolition
[redacted]	N95B	Caisson Drilling
[redacted]	N96K	Attenuators

It will be assumed that the rating is satisfactory unless the Prequalification Committee is notified in writing to the contrary within 15 days after the bidder has been advised of the rating granted. The Department, may declare a prequalified bidder ineligible to bid at any time because of developments subsequent to prequalification which, in their opinion, would affect the responsibility of the bidder or their ability to perform the contract work.

Jill D. Mullins
Manager
Construction Contracts Section
Contract Services Division

MURRAY D. VANWAGONER BUILDING • P.O. BOX 30050 • LANSING, MICHIGAN 48909
www.michigan.gov • (517) 373-2090

LH-LAN-0(01/11)

BRADLEY C. STOVER

VP - Concrete Paving Operations

Years of Experience

14

Education

B.A. Human Resources, Michigan State University, 2000



KEY QUALIFICATIONS

For the past eight years, Brad's responsibilities at Toebe have included estimating and project management of numerous bridge and concrete paving projects throughout the State of Michigan. Brad has used innovative contracting and cost saving methods on multiple projects throughout his career that include being the first contractor to utilize stringless paving operations on an MDOT project. He is currently responsible for managing and overseeing all aspects of the concrete paving operations on MDOT, FAA and Military projects ranging from \$1M to \$30M in size.

RELEVANT EXPERIENCE

M-11/CMGC – Project Manager

Grand Rapids, Michigan

3.73 miles of concrete pavement, curb, gutter, driveway, sidewalk and ramps, hot mix asphalt cold milling and resurfacing, storm sewer, traffic signal and municipal lighting on M-11 from Brenton Avenue easterly to I-96 in the Cities of Grand Rapids and Kentwood. Due to the complexity of completely reconstructing one of the busiest corridors in the Grand Rapids area, maintaining access to over 100 businesses and working under an expedited schedule

MDOT utilized the CMGC delivery method for this project. Toebe pre-construction services included developing an MOT plan that eliminated nearly all temporary pavement widening and a schedule that has included all project team members to work nights and weekends. The project opened to traffic 8 weeks ahead of schedule. Final completion date to allow for watering and cultivating trees for first and second season is for November 7, 2015.

Award Date/ Completion Date	March 2013/November 2015
Project Budgeted Cost/Actual Cost	\$8,752,995/GMP \$8,752,995
Explanation of Cost Differential	N/A
Key Personnel	Brad Stover, Jeff Stover, Brandon Beemer, Andy Thelen
Client Reference	Tom Tellier, MDOT, (616) 464-7716

Detroit Metropolitan Airport – Runway 4R – Project Manager

Detroit, Michigan

Reconstruction of the northern portion of Runway 4R/22L and associated taxiways, including the western ends of Runway 9L/27 and Taxiway V. With a very demanding schedule, this project required multiple crews to work double shifts to complete and open critical runways and taxiways to air traffic. This project is also the first project at Metro Airport to utilize stringless paving technology for both asphalt and concrete paving operations.

Award Date/ Completion Date	March 2012/July 2013
Project Budgeted Cost/Actual Cost	\$15,146,217.24 /In progress (Toebe Work Only)
Explanation of Cost Differential	N/A
Key Personnel	Brad Stover, Kristen Aston, Andy Thelen, Paul McSorley
Client Reference	Bob Adcock, Angelo lafrate Construction Company, (586) 756-1070

I-75 Concrete Overlay – Project Manager

Bay County, Michigan

7.83 miles of concrete overlay, drainage, and safety improvements on I-75 from Linwood Road northerly to Pinconning Road and bridge rehabilitation on 7 structures at I-75 under Prevo Road, over Tebo Drain, under Coggins Road, over Pinconning River, and under Pinconning Road, Bay County. The project also included a 5 year materials and workmanship pavement warranty. The project was originally designed to be completed in 2 years but due to innovative contracting measures, the project was completed and opened to traffic in 1 year.

Award Date/ Completion Date	April 2011/November 2011
Project Budgeted Cost/Actual Cost	\$29,020,147/\$28,576,267
Explanation of Cost Differential	The 1.5% decrease in overall cost of the project is partially due to a contractor proposed Value Engineering Change Proposal (VECP) to the contract as well as a decrease in scope of work on the project due to the VECP.
Key Personnel	Brad Stover, Jeff Stover, Kristen Aston, Andy Thelen, Paul McSorley
Client Reference	Louie Taylor, MDOT, (989) 755-6329

I-75 Freeway Reconstruction – Project Manager

Bay County, Michigan

Reconstruction of 2.70 miles of concrete freeway, including widening, median enclosure, drainage and safety improvements, and culvert replacement at Goetz Drain on I-75 from north of Crane Road northerly to south of Squaconning Creek.

Award Date/ Completion Date	March 2010/November 2011
Project Budgeted Cost/Actual Cost	\$19,906,680/\$20,629,510
Explanation of Cost Differential	The 3.6% increase in cost to the project was a direct result of scope related changes directed by the owner.
Key Personnel	Brad Stover, Bill Deacon, Andy Thelen, Paul McSorley
Client Reference	Louie Taylor, MDOT, (989) 755-6329

I-75 Janes Road

The City of Zilwaukee, Saginaw, Michigan

Complete bridge replacement, 7.21 miles of concrete reconstruction, hot mix asphalt and epoxy overlays, drainage, safety, and ramp improvements. Also including joint sealing, full paint, substructure repairs, concrete surface coating, and approach work from Janes Road to I-675 in the city of Zilwaukee, Saignaw County, Michigan. The project also included a 2 year bridge painting warranty.

Award Date/ Completion Date	2012-2014
Project Budgeted Cost/Actual Cost	\$ 9.62 Million
Key Personnel	Josh Goldsworthy, Brad Stover, Jason Beem, Paul McSorley, Terry Holley
Client Reference	Tim Anderson, MDOT, (989) 671-1535

JASON S. FOWLER

Quality Control Manager

Years of Experience

16

Education

M.S. Construction Management,
Eastern Michigan University, 2004



KEY QUALIFICATIONS

Since joining the Toebe team in 2010, Jason has worked as our Quality Control Manager on MDOT, Municipal, FAA and Military projects. His responsibilities include the supervision of quality control staff and subcontractors on project sites; develop and monitor the proper execution of concrete mix designs; create, implement and maintain quality control plans; pro-active on-site quality monitoring of all concrete projects; perform and monitor daily construction warranty inspections and resolve contractual and owner quality concerns.

Prior to his time at Toebe, Jason began his career in this industry with John Carlo, Inc. in 1999 as a project coordinator on the I-275 Freeway project noted below. From that on-site experience with the project management team, he spent time with their underground and concrete paving divisions before taking on the role as quality control manager in 2004 where he spent time both in Michigan and Florida working on DOT, Municipal, FAA and Military paving projects.

RELEVANT EXPERIENCE

M-11/CMGC – Quality Control Manager

Grand Rapids, Michigan

3.73 miles of concrete pavement, curb, gutter, driveway, sidewalk and ramps, hot mix asphalt cold milling and resurfacing, storm sewer, traffic signal and municipal lighting on M-11 from Brenton Avenue easterly to I-96 in the Cities of Grand Rapids and Kentwood. Due to the complexity of completely reconstructing one of the busiest corridors in the Grand Rapids area, maintaining access to over 100 businesses and working under an expedited schedule

MDOT utilized the CMGC delivery method for this project. Toebe pre-construction services included developing an MOT plan that eliminated nearly all temporary pavement widening and a schedule that has included all project team members to work nights and weekends. The project is currently on schedule.

Award Date/ Completion Date	March 2013/November 2013
Project Budgeted Cost/Actual Cost	\$8,752,995/GMP \$8,752,995
Explanation of Cost Differential	N/A
Key Personnel	Brad Stover, Jeff Stover, Andy Thelen, Brandon Beemer
Client Reference	Tom Tellier, MDOT, (616) 464-7716

I-196 Reconstruction – Grand River to Fuller Avenue – Quality Control Manager

Grand Rapids, Michigan

Complete reconstruction of 4 bridges, concrete paving, over 4,000 lineal feet of soldier pile lagging wall, slope restoration and freeway lighting replacement. Project required an expedited schedule which required crews to work 6 and 7 days per week to meet the schedule incentive dates. Toebe was able to meet all incentive dates and earn \$700,000 in project incentives.

Award Date/ Completion Date	September 2009/September 2011
Project Budgeted Cost/Actual Cost	\$31,371,607/\$31,858,623
Explanation of Cost Differential	The 1.5% increase in cost to the project was a direct result of \$195,986 in contract quantity increases and an additional \$283,188 in scope related changes directed by the owner.
Key Personnel	Brad Stover, Jeff Stover, Josh Goldsworthy, Bill Deacon, Andy Thelen, Paul McSorley
Client Reference	Tom Tellier, MDOT, (616) 464-7716

Detroit Metropolitan Airport (DTW) – Runway 4R – Quality Control Manager

Detroit, Michigan

Reconstruction of the northern portion of Runway 4R/22L and associated taxiways, including the western ends of Runway 9L/27 and Taxiway V. With a very demanding schedule and intense quality requirements, this project required multiple crews to work double shifts to complete and open critical runways and taxiways to air traffic. This project is also the first project at DTW to utilize stringless paving technology for both asphalt and concrete paving operations. This challenging project was completed ahead of schedule.

Award Date/ Completion Date	March 2012/August 2013
Project Budgeted Cost/Actual Cost	\$15,146,217.24 (Toebe Work Only)
Explanation of Cost Differential	N/A
Key Personnel	Brad Stover, Kristen Aston, Andy Thelen, Paul McSorley, Brandon Beemer
Client Reference	Arthur Morton, Kimley-Horn and Associates, (312) 212-8487

M-14 Freeway Reconstruction – Quality Control Manager

Plymouth, MI

Project Description: 3.85 Miles of freeway and ramp reconstruction and 10 structure rehabilitations on M-14 from Sheldon Road to Napier Road. Project included a 5 year pavement material and workmanship warranty. This project is entering its 10th year of service and is in pristine condition.

Award Date/ Completion Date	March 2006/November 2006
Project Budgeted Cost/Actual Cost	\$26,918,210/\$27,779,087
Explanation of Cost Differential	The 3.2% increase in cost to the project was associated with the addition of a 2.14 mile HMA overlay and quantity revisions.
Key Personnel	Jason Fowler, Jason Beem, Edmundo Guzman
Client Reference	John Sanford, MDOT,

I-275 Freeway Reconstruction – Project Coordinator

Wayne & Oakland Co., Michigan

Design, construction, and warranty of 8.3 km of concrete pavement reconstruction, ramp reconstruction and resurfacing, and rehabilitation of twelve structures, on I-275/I-96 from Five Mile Road northerly to I-696. Toebe performed 12% of the contract work as a subcontractor to John Carlo providing all of the contract bridge work. The project received full incentive for early opening.

Award Date/ Completion Date	February 1999/November 1999
Project Budgeted Cost/Actual Cost	\$49,309,324/\$55,705,045
Explanation of Cost Differential	The 12.9% increase in cost to the project was primarily attributed to diamond grinding approximately 5 miles of 8 lanes of pavement due to noise associated with the specified experimental texture.
Key Personnel	Bob Jones, Chris Taylor, Edmundo Guzman
Client Reference	Gerard Pawloski, MDOT, (248) 483-5172



BRANDON H. BEEMER

Paving Superintendent

Years of Experience
20

Education
Ferris State University



KEY QUALIFICATIONS

Brandon has worked as a superintendent for Toebe since joining the company on multiple MDOT, FAA, Military and local road projects. His responsibilities include the supervision of the concrete paving field operations including multiple set-up, paving, batch plant, saw cutting crews, as well as coordinating the stringless paving operations. His day to day responsibilities include the supervision and direction of 50-60 employees, managing all material deliveries and equipment needs, as well as coordinating key subcontractor activities and coordination of equipment needs by project. Onsite he serves as the lead company representative for communications with project field inspectors, engineers, and owners. Brandon maintains an active relationship with major paving equipment companies and attended the Gomaco University training in 2014 and the Gunter & Zimmerman Paving School in 2015.

Prior to joining the Toebe Team, Brandon has developed a wide range of both HMA and Concrete Paving experience with Rieth-Riley Construction Co., Angelo Iafra Construction, and John Carlo, Inc. working as both a Paving Foreman and Superintendent. He gained a wide range of experience at these companies throughout Michigan, Florida, Indiana, and Arizona on mainline highway, private work, and specialized race track paving projects.

RELEVANT EXPERIENCE

M-11/CMGC – Superintendent

Grand Rapids, Michigan

3.73 miles of concrete pavement, curb, gutter, driveway, sidewalk and ramps, hot mix asphalt cold milling and resurfacing, storm sewer, traffic signal and municipal lighting on M-11 from Brenton Avenue easterly to I-96 in the Cities of Grand Rapids and Kentwood. Due to the complexity of completely reconstructing one of the busiest corridors in the Grand Rapids area, maintaining access to over 100 businesses and working under an expedited schedule MDOT utilized the CMGC delivery method for this project. Toebe pre-construction services included developing an MOT plan that eliminated nearly all temporary pavement widening and a schedule that has included all project team members to work nights and weekends. The project was completed on schedule.

Award Date/ Completion Date	March 2013/November 2013
Project Budgeted Cost/Actual Cost	\$8,752,995/GMP \$8,752,995
Explanation of Cost Differential	N/A
Key Personnel	Brad Stover, Jeff Stover, Andy Thelen, Jason Beem, Jason Fowler, Brandon Beemer
Client Reference	Tom Tellier, MDOT, (616) 464-7716
Prime / Sub	Toebe Construction – Prime Contractor

Alpena ANG CRTIC Apron Reconstruction – Superintendent

Alpena, Michigan

The reconstruction of parking aprons A01B and A08B at the ANG Combat Readiness Training Center includes placement of 101,200 Syds of 16" PCCP placed on aggregate base with 20" thickened edges and 158 aircraft tie-downs placed integral with the concrete pavement. The apron is being sealed with a combination on compression seal, silicone, and HPRA. The project is currently on schedule.

Award Date/ Completion Date	June 2014/October 2015 (Planned)
Project Budgeted Cost/Actual Cost	\$5,760,112.00 (Toebe Work Only) / N/A
Explanation of Cost Differential	N/A
Key Personnel	Brad Stover, Jason Fowler, Jason Beem
Client Reference	Major Corey Enderby, P.E. MI ANG, 989-354-6496
Prime / Sub	Toebe Construction - Subcontractor



I-196 Concrete Reconstruction – Paving Superintendent

Kent County, MI

2.82 miles of freeway concrete reconstruction on I-196 from 36th Street east to M-11 in Kent County. The project included 110,662 Syds of 10-1/2" Conc Pavt and 62,632 Syds – of 6" Conc Pavt Overlay. This project was completed on time and included a 5 year pavement material and workmanship warranty.

Award Date/ Completion Date	December 2007/November 2009
Project Budgeted Cost/Actual Cost	\$5,063,965.79 / \$5,063,965.79 (Paving Only)
Explanation of Cost Differential	N/A
Key Personnel	Jason Fowler, Jason Beem,
Client Reference	Tom Tellier, MDOT, 616-464-7716
Prime/Sub	Toebe Construction – Prime Contractor

I-94 Hot Mix Asphalt Resurfacing – Paving Foreman

Macomb County, MI

11.68 miles of hot mix asphalt cold milling, resurfacing, patching, with 2.76 miles of median barrier wall construction on I-94 from Masonic Road to M-29 in Macomb County. Over 241,200 tons of HMA Pavement was placed utilizing a Roadtec Transfer Machine for all mainline lanes to ensure production, quality, and material density requirements were met. This project was completed on time and included a 5 year pavement material and workmanship warranty

Award Date/ Completion Date	October 2006/November 2007
Project Budgeted Cost/Actual Cost	\$37,180,041.06/\$40,149,913.07
Explanation of Cost Differential	Additional work, Change Orders
Key Personnel	Jason Beem, Brian St. Louis, Larry Beemer
Client Reference	Dennis Everett, MDOT, 313-967-5216
Prime/Sub	John Carlo -

WTCC Job List - Active

JOB #	DESCRIPTION	MDOT #	BID ITEM #	CONTRACT AMOUNT	DBE %	COUNTY
46013	<u>Fort Street Bascule Bridge</u>	<u>82073-54049</u>	<u>1212 201</u>	<u>\$46,318,954.27</u>	<u>2.00%</u>	<u>WAYNE</u>
	Bridge replacemnt					
	PM / Supt:	Todd - Ruhle	Project Engineer:	HNTB - Victor Judnic		
46713	<u>I-94 / I-69 - Port Huron</u>	<u>77023-78887</u>	<u>1308 901</u>	<u>\$76,151,732.25</u>	<u>7.00%</u>	<u>ST. CLAIR</u>
	PM / Supt:	Bob/Dave - CT	Project Engineer:	MDOT - Dennis Cooper		
46813	<u>I-94 / I-69 - Port Huron</u>	<u>77023-78887</u>	<u>1308 901</u>	<u>\$76,161,732.25</u>	<u>7.00%</u>	<u>ST. CLAIR</u>
	PM / Supt:	Brad - Brandon	Project Engineer:	MDOT - Dennis Cooper		
48015	<u>I-96/US-23 Bridges</u>	<u>47064-112877</u>	<u>1412 051</u>	<u>\$77,426,829.40</u>	<u>6.00%</u>	<u>Livingston</u>
	I-96 / US-23 Interchange - Bridges					
	PM / Supt:	Josh / Terry	Project Engineer:	MDOT - Jim Daavettila - Brighton TSC		
48115	<u>I-96/US-23 Paving</u>	<u>47064-112877</u>	<u>1412 051</u>	<u>\$8,265,145.70</u>	<u>6.00%</u>	<u>Livingston</u>
	I-96 / US-23 Interchange - Paving					
	PM / Supt:	Beem - Brandon	Project Engineer:	MDOT - Jim Daavettila - Brighton TSC		
48315	<u>I-94 over Paw Paw River</u>	<u>80024-118259</u>	<u>1502 035</u>	<u>\$3,475,938.24</u>	<u>5.00%</u>	<u>Van Buren</u>
	Superstructure replacement					
	PM / Supt:	J Pickel - Jody H	Project Engineer:	MDOT - Chris Jacobs - Tacoma TSC		
48515	<u>Bridge Rehab - Blue Water Bridge</u>	<u>77111-117245</u>	<u>1502 039</u>	<u>\$566,062.00</u>	<u>0.00%</u>	<u>ST. CLAIR</u>
	Sub to Liberty Maintenance					
	PM / Supt:	Dave F. / Chris T.	Project Engineer:			
49815	<u>Baldwin Road - Big Rapids</u>	<u>54003-102604</u>	<u>1507 001</u>	<u>\$4,687,433.95</u>	<u>0.00%</u>	<u>Mecosta</u>
	PM / Supt:	Josh/Jeremy	Project Engineer:	Todd Richter - Fleis & Vandenbrink		
49915	<u>Lotz Road - Paving</u>		<u>1508LOTZ</u>	<u>\$3,886,646.00</u>		<u>Wayne</u>
	PM / Supt:	Bryan / Paul	Project Engineer:	Marty Winger		
50015	<u>Lotz Road - Bridge</u>		<u>1508LOTZ</u>	<u>\$528,582.00</u>		<u>Wayne</u>
	PM / Supt:	Bryan / Paul	Project Engineer:	Marty Winger		
50115	<u>M-19 at Leppek Rd/McTaggart Rd</u>	<u>32051-120527</u>	<u>1511 004</u>	<u>\$467,927.73</u>		<u>Huron</u>
	PM / Supt:		Project Engineer:			
50215	<u>US-127 Soundwall</u>	<u>33172-123841</u>	<u>1511 002</u>	<u>\$5,139,059.70</u>		<u>Ingham</u>
	PM / Supt:	Dave Fisher/Andy Jones	Project Engineer:			
50316	<u>I-94 at 40th Street - Sub to K&R</u>	<u>39025-112614</u>	<u>1512 016</u>			<u>Kalamazoo</u>
	PM / Supt:	Jason P. / Dave Ruhle	Project Engineer:			
50416	<u>M-81 over Weaver Drain</u>	<u>73081-113227</u>	<u>1601 004</u>	<u>\$512,016.14</u>		<u>Saginaw</u>
	PM / Supt:	Allen / Allen	Project Engineer:			
50516	<u>M-30 over No Name Drain - Bridge</u>	<u>26031-115904</u>	<u>1601 029</u>	<u>\$1,317,198.90</u>		<u>Gladwin</u>
	PM / Supt:	Jason P./Jeremy Johnson	Project Engineer:			
50616	<u>M-30 over No Name Drain - Excavation</u>	<u>26031-115904</u>	<u>1601 029</u>	<u>\$211,080.23</u>		<u>Gladwin</u>
	PM / Supt:	Allen / Allen	Project Engineer:			
50716	<u>M-53 / Cass River - Bridge</u>	<u>74012-85286</u>	<u>1603 009</u>	<u>\$1,175,700.42</u>	<u>3.00%</u>	<u>Sanilac</u>
	PM / Supt:	Dave F/Kreiner	Project Engineer:			
50816	<u>M-53 / Cass River - Excavation</u>	<u>74012-85286</u>	<u>1603 009</u>	<u>\$985,372.02</u>	<u>3.00%</u>	<u>Sanilac</u>
	PM / Supt:	Allen / Allen	Project Engineer:			

WTCC Job List

50916	<i>I-275 - Prime/Paving</i>	<u>63191-112221</u>	<u>1603 010</u>	<u>\$73,176,320.35</u>	<u>8.00%</u>	<u>Wayne/Oakland</u>
	PM / Supt:		Project Engineer:	Bill Erben		
51016	<i>I-275 - Excavation</i>	<u>63191-112221</u>	<u>1603 010</u>	<u>\$16,401,676.14</u>	<u>8.00%</u>	<u>Wayne/Oakland</u>
	PM / Supt:	Bryan /	Project Engineer:	Bill Erben		
51116	<i>I-275 - Bridge</i>	<u>63191-112221</u>	<u>1603 010</u>	<u>\$3,323,881.35</u>	<u>8.00%</u>	<u>Wayne/Oakland</u>
	PM / Supt:	Aaron-Josh / CT	Project Engineer:	Bill Erben		

NON ACTIVE JOBS

JOB #	DESCRIPTION	MDOT #	BID ITEM #	CONTRACT AMOUNT	DBE %	COUNTY
40407	<u>Gateway #4</u>	<u>82194-37795</u>	<u>0706 601</u>	<u>\$168,520,599.30</u>	<u>12.00%</u>	<u>WAYNE</u>
	I-75 from Clark St to 14th St & on I-96 from I-75 to south of Martin Luther King Blvd - Detroit, - 24 structure rehabilitations.					
	PM / Supt:	Bob / Chris	Project Engineer:	MDOT Detroit TSC – Victor Judnic		
40608	<u>Pumphouse Rehab</u>	<u>84917-100155</u>	<u>0807 014</u>	<u>\$2,349,878.24</u>	<u>0.00%</u>	<u>OAKLAND / WAYNE</u>
	I-75 at Gardenia Ave (11 1/2 Mile Rd), on Howell Crossing I-94 at Wesson St & on Casper Crossing I-94 at Central St - Royal Oak & Detroit - Pumphouse rehabilitation on 3 pumphouses.					
	PM / Supt:	Bob / Jr.	Project Engineer:	MDOT Detroit TSC – Steve Griffith		
41209	<u>Pumphouse Rehab</u>	<u>82900-89750</u>	<u>0905 044</u>	<u>\$2,824,859.39</u>	<u>0.00%</u>	<u>WAYNE</u>
	I-94 at 28th St, Seneca St, Dickerson St & Hollywood St - Detroit & Harper Woods - Pumphouse rehabilitation.					
	PM / Supt:	Bob / Jr.	Project Engineer:	MDOT Detroit TSC – Steve Griffith		
41309	<u>Pumphouse Rehab</u>	<u>25132-104067</u>	<u>0905 003</u>	<u>\$977,854.41</u>	<u>0.00%</u>	<u>GENESEE</u>
	I-475 at R. T. Longway - Flint - Pumphouse rehabilitation.					
	PM / Supt:	Bob / Jr.	Project Engineer:	MDOT Davison TSC – Armando Lopez		
41509	<u>I-94 / Kalamazoo</u>	<u>39022-105128</u>	<u>0905 602</u>	<u>\$43,861,323.62</u>	<u>6.00%</u>	<u>KALAMAZOO</u>
	I-94 from east of Oakland Dr to east of Lovers Lane - Portage – Replacement of 4 bridges.					
	PM / Supt:	Jeff / Terry	Project Engineer:	MDOT Kalamazoo TSC – Jim Woods		
41809	<u>I-96 / Kensington</u>	<u>47064-78200</u>	<u>0810 001</u>	<u>\$3,301,021.25</u>	<u>10.00%</u>	<u>LIVINGSTON / OAKLAND</u>
	I-96 from east of US-23 easterly to the Livingston / Oakland County line on Kensington Rd & on Pleasant Valley Rd over I-96					
	PM / Supt:	Bridge-Jeff/Denny - Paving- Bob/Paul	Project Engineer:	MDOT Brighton TSC - Jim Daavettila		
42009	<u>Dettman Road</u>	<u>38101-105439</u>	<u>0908 062</u>	<u>\$2,915,816.81</u>	<u>5.00%</u>	<u>JACKSON</u>
	Dettman Rd over I-94 - Bridge replacement.					
	PM / Supt:	Bob / Denny	Project Engineer:	MDOT Jackson TSC – Jeff Bigelow		
42109	<u>I-196 / Fuller Avenue</u>	<u>41027-51883</u>	<u>0909 620</u>	<u>\$31,371,607.54</u>	<u>7.00%</u>	<u>KENT</u>
	I-196 from Grand River easterly to Fuller Avenue - Grand Rapids – Bridge reconstruction & pavement reconstruction.					
	PM / Supt:	Bridge – Jeff/Josh	Project Engineer:	MDOT Grand Rapids TSC – Jim DeLaFuente		
42209	<u>M-1 / Woodward</u>	<u>82131-79673</u>	<u>0909 610</u>	<u>\$4,126,908.48</u>	<u>10.00%</u>	<u>WAYNE</u>
	M-1 (Woodward Ave.) from Chandler St to Tuxedo St - Detroit - Concrete overlay.					
	PM / Supt:	Gennady / Bret	Project Engineer:	MDOT Detroit TSC – Roger Teale		
42309	<u>I-75 / 9 Mile Road</u>	<u>63174-107677</u>	<u>0909 801</u>	<u>\$11,801,450.00</u>	<u>5.00%</u>	<u>OAKLAND</u>
	9 Mile Bridge over I-75, northbound & southbound I-75 & John R Rd. - Bridge replacement & concrete pavement reconstruction.					
	PM / Supt:	Bridge – Bob / Chris – Paving – Brad / Bret	Project Engineer:	URS - Mike Guter		
42510	<u>Metropolitan Pkwy.</u>	<u>50544-56156</u>	<u>1001 201</u>	<u>\$714,558.68</u>	<u>3.91%</u>	<u>MACOMB</u>
	Subcontractor to AICC - Metropolitan Parkway from Garfield Rd to Groesbeck Hwy. - Bridge reconstruction.					
	PM / Supt:	Jeff / Chris	Project Engineer:	Macomb County Road Commission – Heidi Flateau		
	<u>US-10</u>	<u>56044-84170</u>	<u>1002 002</u>	<u>\$3,850,619.89</u>	<u>4.24%</u>	<u>MIDLAND</u>

42610	<i>Subcontractor to Central Asphalt</i> – US-10 from M-18 easterly to the Sanford Lake Bridge - Concrete overlay.					
	PM / Supt:	Gennady / Paul	Project Engineer:	MDOT Mt. Pleasant TSC – Bill Mayhew		
	<i>I-196 / Diamond Ave.</i>	<u>41027-106428</u>	<u>1002 045</u>	<u>\$1,957,781.85</u>	<u>2.06%</u>	<u>KENT</u>
42710	I-196 under Diamond Avenue - Grand Rapids - Bridge approach work.					
	PM / Supt:	Gennady /	Project Engineer:	MDOT Grand Rapids TSC – Jim DeLaFuente		
	<i>I-75</i>	<u>09034-87508</u>	<u>1002 601</u>	<u>\$19,906,680.86</u>	<u>8.00%</u>	<u>SAGINAW / BAY</u>
42810	Goetz Drain on I-75 - north of Crane Rd northerly to south of Squaconning Creek – Concrete freeway reconstruction.					
	PM / Supt:	Brad / Bret	Project Engineer:	MDOT Bay City TSC – Louie Taylor		
	<i>Oscoda Airport</i>	<u>15130-09001</u>	<u>NON-MDOT</u>	<u>\$2,646,354.51</u>	<u>0.00%</u>	<u>IOSCO</u>
42910	Oscoda – Wurtsmith Airport - Concrete apron rehabilitation.					
	PM / Supt:	Brad / Paul	Project Engineer:	Mead & Hunt – Jim Leisenring		
	<i>Detroit Arsenal</i>	<u>NON-MDOT</u>	<u>NON-MDOT</u>	<u>\$1,423,355.00</u>	<u>0.00%</u>	<u>MACOMB</u>
43010	Detroit Arsenal - Warren - Furnish & install Bear Creek Bridge.					
	PM / Supt:	Jeff / Ron M.	Project Engineer:	Mavcon – Doug Klann		
	<i>Ambassador Bridge</i>	<u>NON-MDOT</u>	<u>NON-MDOT</u>	<u>\$21,600,000.00</u>	<u>0.00%</u>	<u>WAYNE</u>
43110	Ambassador Bridge - Detroit – Bridge Rehabilitation.					
	PM / Supt:	Bob / Chris	Project Engineer:	Detroit International Bridge Co. – Dan Reaume		
	<i>Moravian Drive</i>	<u>50004-102579</u>	<u>1012 006</u>	<u>\$2,407,479.23</u>	<u>5.00%</u>	<u>MACOMB</u>
43210	Moravian Drive @ Clinton River – Bridge removal & replacement.					
	PM / Supt:	Josh / Terry	Project Engineer:	Macomb County Road Commission – Jim Yakel		
	<i>I-75 / Pinconning</i>	<u>09035-106856</u>	<u>1103 001</u>	<u>\$25,843,270.87</u>	<u>7.00%</u>	<u>BAY</u>
43311	Paving - I-75 from Linwood to Pinconning					
	PM / Supt:	Brad / Paul	Project Engineer:	Louie Taylor - Bay County TSC		
	<i>I-75 Bridge Rehab</i>	<u>09035-106856</u>	<u>1103 001</u>	<u>\$3,176,948.56</u>	<u>7.00%</u>	<u>BAY</u>
43411	Rehab of 7 structures along I-75					
	PM / Supt:	Jeff / Jeremy	Project Engineer:	Louie Taylor - Bay County TSC		
	<i>Sargent Rd over I-94</i>	<u>38103-100001</u>	<u>1103 018</u>	<u>\$2,753,215.99</u>	<u>7.00%</u>	<u>JACKSON</u>
43511	Sub to Hoffman Brothers - Bridge removal and replacement					
	PM / Supt:	Josh /	Project Engineer:	Mark Van Port Fleet - Jackson TSC		
	<i>I-675 from 6th Ave to Warren Ave</i>	<u>73101-84986</u>	<u>1103 022</u>	<u>\$11,750,377.04</u>	<u>5.00%</u>	<u>SAGINAW</u>
43611	Structure removal and replacements along I-675					
	PM / Supt:	Josh / Dave R.	Project Engineer:	Louie Taylor - Bay County TSC		
	<i>Bowman Rd over I-69</i>	<u>44044-108919</u>	<u>1103 023</u>	<u>\$261,795.40</u>	<u>3.00%</u>	<u>LAPEER</u>
43711						
	PM / Supt:	Jeff / Dave D.	Project Engineer:	Mark Van Port Fleet - Davison TSC		
	<i>Burton St over US-131</i>	<u>41131-87155</u>	<u>1105 059</u>	<u>\$4,621,306.83</u>	<u>5.00%</u>	<u>KENT</u>
43911	Burton St & Hall St over US-131 & Burton over Norfolk RR - deck replacement, and substructure repairs					
	PM / Supt:	Josh / Jody	Project Engineer:	Tom Tellier - Grand Rapids TSC		
	<i>Bocco-Paving - T&M</i>					
44011						
	PM / Supt:	Brad	Project Engineer:			
	<i>Alpena Airport</i>		<u>1105101</u>	<u>\$1,148,937.75</u>	<u>0.00%</u>	<u>ALPENA</u>
44111						
	PM / Supt:	Brad	Prime Contractor:	B&B General Contracting - (989) 739-4778		
	<i>Harry S. Truman Pkwy</i>	<u>09015-105289</u>	<u>1107 050</u>	<u>\$1,208,224.21</u>	<u>0.00%</u>	<u>BAY</u>
44211	Bascule bridge over Saginaw River					

	PM / Supt:	Josh / Terry	Project Engineer:	Tony Rietlewski - City of Bay City		
44311	<u>MBS Int'l Airport</u>		<u>11068</u>	<u>\$6,277,822.28</u>	<u>5.00%</u>	<u>BAY</u>
	PM / Supt:	Gennady / Bret	Project Contact:	Aaron Aljets - RS&H - (810) 496-6750		
44411	<u>I-94/I-275</u>	<u>82021-86927</u>	<u>1107 044</u>	<u>\$10,309,780.16</u>	<u>5.00%</u>	<u>WAYNE</u>
	Rehab along I-94 - various locations					
	PM / Supt:	Jeff / Tom	Project Engineer:	John Sanford - Taylor TSC		
44511	<u>Mackinac Bridge</u>	<u>24071-M00226</u>	<u>1108 041</u>	<u>\$2,299,027.89</u>	<u>0.00%</u>	<u>EMMET</u>
	Bridge deck joint replacement, and concrete pier repair on I-75 over Huron Avenue					
	PM / Supt:	Jeff/Jeremy	Project Engineer:	Julie Neph - MDOT Transportation Engineer		
44611	<u>6th St over Grand River</u>	<u>41025-108884</u>	<u>1112 001</u>	<u>\$1,989,598.08</u>	<u>0.00%</u>	<u>KENT</u>
	Bridge rehab, deck, sidewalk, railing replacement, bearing replacement.					
	PM / Supt:	Josh / Jody	Project Engineer:	Fred Droski - L.S. Engineering		
44711	<u>I-196 from 150th to 110 St</u>	<u>03034-103152</u>	<u>1112 036</u>		<u>4.00%</u>	<u>ALLEGAN</u>
	Concrete paving					
	PM / Supt:	Brad / Paul	Project Engineer:	D.J. McQuestion - Tom Peplinski		
44812	<u>Metro Airport - Sub to lafrate</u>			<u>\$15,146,217.24</u>		<u>WAYNE</u>
	Concrete paving - Runway 4R/22L					
	PM / Supt:	Brad / Paul	Project Engineer:			
44912	<u>Capital City Airport</u>			<u>\$1,148,799.77</u>		<u>CLINTON</u>
	Concrete paving - from Bonding Co - previously Tony Angelo project					
	PM / Supt:	Brad / Paul	Project Engineer:			
45012	<u>WEP - Piling Project</u>					
	Piling for Windsor Essex Parkway					
	PM / Supt:	Bob / Chris	Project Engineer:			
45112	<u>Main St over Mill Creek</u>	<u>77002-105317</u>	<u>1205 054</u>	<u>\$942,893.50</u>	<u>4.00%</u>	<u>ST. CLAIR</u>
	Remove and replace bridge on Main St over Mill Creek					
	PM / Supt:	Josh / Jeremy	Project Engineer:	Huron Consultants - Eric Ostling		
45212	<u>CMGC - M-11</u>	<u>41063-105714</u>	<u>1302 701</u>	<u>\$8,752,995.75</u>	<u>5.00%</u>	<u>KENT</u>
	Paving - M-11					
	PM / Supt:	Brad / Brandon	Project Engineer:	Jim DeLaFuente - MDOT Grand Rapids TSC		
45312	<u>Common Road</u>	<u>50458-115612</u>	<u>1207 044</u>	<u>\$1,614,688.50</u>	<u>5.00%</u>	<u>MACOMB</u>
	Common Road from Groesbeck Highway (M-97) to Gratiot Avenue					
	PM / Supt:	Gennady / Jason B	Project Engineer:	AEW - Scott Lockwood		
45412	<u>DELTA - DTW</u>			<u>\$1,566,125.00</u>		<u>WAYNE</u>
	Delta - DTW Airport - AOA Concrete Replacement					
	PM / Supt:	Todd / Paul	Project Engineer:	Delta Airlines - Steve Ferguson		
45512	<u>I-675 / Janes Road</u>	<u>73111-87509</u>	<u>1208 601</u>	<u>\$29,429,735.17</u>	<u>6.00%</u>	<u>SAGINAW</u>
	Full bridge replacement, repairs from Janes Road to I-675 in city of Zilwaukee					
	PM / Supt:	Josh / Terry	Project Engineer:	MDOT - Brian Ulman		
45612	<u>I-675 / Janes Road</u>	<u>73111-87509</u>	<u>1208 601</u>	<u>\$29,429,735.17</u>	<u>6.00%</u>	<u>SAGINAW</u>
	Paving from Janes Road to I-675					
	PM / Supt:		Project Engineer:	MDOT - Brian Ulman		
45712	<u>M-25 over Quanicasse River</u>	<u>79081-102952</u>	<u>1209 201</u>	<u>\$4,214,767.66</u>	<u>5.00%</u>	<u>TUSCOLA</u>
	Bridge removal and replacement					
	PM / Supt:	Josh / Terry	Project Engineer:			

45812	<u>HMCS - Hunter</u> <u>Development Piling</u>					
	Piling project - Ontario					
	PM / Supt:	Dave F. / Chris T.	Project Engineer:			
45912	<u>T1 & T5 Tunnels -</u> <u>Windsor</u>					
	PM / Supt:	Dave F. / Chris T.	Project Engineer:			
46013	<u>Fort Street Bascule</u> <u>Bridge</u>	<u>82073-54049</u>	<u>1212 201</u>	<u>\$46,318,954.27</u>	<u>2.00%</u>	<u>WAYNE</u>
	Bridge replacemnt					
	PM / Supt:	Bob / Todd	Project Engineer:	MDOT - Tia Klein		
46113	<u>Zilwaukee</u>	<u>73112-105176</u>		<u>\$13,736,193.00</u>		<u>SAGINAW</u>
	I-75 over Saginaw River - Zilwaukee Bridge - Sub to PCL					
	PM / Supt:	Josh / Terry	Project Engineer:			
46213	<u>CMGC - M-139 / Niles</u>		<u>11021-104152</u>			
	PM / Supt:		Project Engineer:			
46313	<u>I-94 over Hickory</u> <u>Creek</u>	<u>11015-110779</u>	<u>1306 258</u>	<u>\$1,610,671.60</u>	<u>5.00%</u>	<u>BERRIEN</u>
	Paving on I-94 over Hickory Creek					
	PM / Supt:	Gennady / Paul	Project Engineer:	*Sub to Anlaan		
46413	<u>Willow Run Airport</u>					
	PM / Supt:		Project Engineer:			
46513	<u>Delco Boulevard</u>	<u>50458-119834</u>	<u>1308 020</u>	<u>\$610,864.66</u>	<u>4.00%</u>	<u>MACOMB</u>
	Delco Boulevard from M-59 to Canal Road - Sterling Heights					
	PM / Supt:		Project Engineer:			
46613	<u>I-94 / Miller Road</u>	<u>39022-120014</u>	<u>1308 610</u>	<u>\$3,094,491.93</u>	<u>0.00%</u>	<u>KALAMAZOO</u>
	I-94 EB and WB at Miller Road - Concrete pavement repairs					
	PM / Supt:		Project Engineer:			
46913	<u>Ford Wixom - Pit</u> <u>Wall</u>					
	PM / Supt:		Project Engineer:			
47014	<u>Joslyn Road</u>	<u>63459-119633-2</u>	<u>1401 030</u>	<u>\$1,893,143.16</u>	<u>5.00%</u>	<u>Oakland</u>
	Paving - Joslyn Road from Collier to Pacific					
	PM / Supt:		Project Engineer:			
47114	<u>Alpena - Nat'l Guard</u>					
	Sub to B&B Contracting					
	PM / Supt:	Brad / Paul	Project Engineer:	Sub to B&B		
47214	<u>Civic Center - Cobo</u>		<u>1406CIVIC</u>			
	Sub to lafrate					
	PM / Supt:	Todd / Dave Ruhle	Project Engineer:	Sub to AICC		
47314	<u>Michigan Rd over I-</u> <u>94</u>	<u>77023-119154</u>	<u>1407 070</u>	<u>\$4,695,371.80</u>	<u>6.00%</u>	<u>ST. CLAIR</u>
	PM / Supt:	Dave / Chris T.	Project Engineer:	MDOT - Dennis Cooper		

47414	<u>I-69 BL - Port Huron</u>	<u>77023-120389</u>	<u>1407 071</u>	<u>\$3,121,711.00</u>	<u>7.00%</u>	<u>ST. CLAIR</u>
	PM / Supt:	Brad / Brandon	Project Engineer:	MDOT - Dennis Cooper		
47514	<u>Big Beaver Rd</u>	<u>63459-124104</u>	<u>1407 038</u>	<u>\$3,319,246.41</u>	<u>6.00%</u>	<u>Oakland</u>
	PM / Supt:	Gennady / Paul	Project Engineer:	RCOC - Lisa New		
47614	<u>M-10 - Emergency Repair</u>		<u>1408M10</u>			
	PM / Supt:	Josh /	Project Engineer:			
47714	<u>Florence Ave - Sub to Fiore</u>					
	Sub to Fiore					
47814	<u>Okemos Pedestrian Bridge</u>			<u>\$655,377.50</u>		
	Meridian Twp					
47914	<u>Menards - Wixom</u>			<u>\$547,488.00</u>		
	Sub to Blue Restoration LLC					
48215	<u>M-11 / Indian Mounds</u>	<u>41061-79447</u>	<u>1411 038</u>	<u>\$3,222,315.47</u>	<u>6.00%</u>	<u>Kent</u>
	M-11 / Indian Mounds Road					
48615	<u>Lewis St over the Grand River</u>	<u>38017-118671</u>	<u>1504 003</u>	<u>\$1,014,052.24</u>	<u>4.00%</u>	<u>Jackson</u>
	PM / Supt:	Kristen /Keith Kreiner	Project Engineer:			
48715	<u>Euclid Avenue - City of Bay City</u>					
	Lee Wood Bid - Prime excavation					
48815	<u>19 1/2 Mile Road - Sub to GM & Sons</u>			<u>\$274,328.00</u>		<u>Oakland</u>
	Paving only					
48915	<u>Sears Drive and Industrial Drive</u>		<u>1504LIVONIA</u>	<u>\$2,359,874.12</u>		<u>Wayne</u>
	PM / Supt:	Gennady/Brandon	Project Engineer:	City of Livonia		
49115	<u>Providence Drive</u>			<u>\$2,527,360.70</u>		
	Sub to GM & Sons - paving & excavating					
49215	<u>Water Street</u>	<u>77475-123183</u>	<u>1505 013</u>	<u>\$2,045,168.24</u>	<u>5.00%</u>	<u>ST. CLAIR</u>
	Bridge					
	PM / Supt:	Dave F. / Chris T.	Project Engineer:			

<u>49315</u>	<u>Okemos</u> <u>Road/Sandhill Road</u>		<u>1503OKEMOS</u>	<u>\$1,050,517.80</u>		<u>Ingham</u>
	Sub to Hoffman - paving					
	PM / Supt:	Brad / Brandon	Project Engineer:	Sub to Hoffman - Paving		
<u>49415</u>	<u>Bridge Street</u>			<u>\$1,447,662.45</u>		<u>Wayne</u>
	Sub to GM & Sons - paving					
	PM / Supt:	Bryan / Paul	Project Engineer:			
<u>49515</u>	<u>CP Railroad</u>			<u>\$658,204.78</u>		<u>Wayne</u>
	Sub to Hoffman - paving					
	PM / Supt:	Todd / Dave Ruhle	Project Engineer:			
<u>49615</u>	<u>Kelly Road</u>	<u>50458-127203</u>	<u>1506 008</u>	<u>\$1,668,981.42</u>	<u>7.00%</u>	<u>MACOMB</u>
	Sub to Hoffman - paving					
	PM / Supt:	Bryan / Paul	Project Engineer:			
<u>49715</u>	<u>Ford Line Ave -</u> <u>Southgate</u>		<u>1504SOUTHGATE</u>	<u>\$503,073.10</u>		<u>Wayne</u>
	Sub to Fiore					
	PM / Supt:	Brad / Brandon	Project Engineer:			



28990 S. Wixom Rd
P.O. Box 930129
Wixom, MI 48393-0129

Toebe Construction LLC

TEL: (248) 349-7500
FAX: (248) 349-4870

CREDIT INFORMATION

Toebe Mailing Address Toebe Construction LLC
P.O. Box 930129
Wixom, MI 48393-0129

Dunn & Bradstreet Rating: 1R2

BANK INFORMATION

Name of Bank: Wells Fargo Bank
Contact Person: Craig P. Wasen
Address: 34100 Woodward Ave – Suite 300
Birmingham, MI 48009-0920
Phone: (248) 723-3155

Fax: (248) 723-3133

CREDIT REFERENCES: Gutherie Lumber
11940 Merriman Road
Livonia, Michigan 48151
734-513-5777
FAX 734-513-5785

Northwest Tool Supply, Inc.
30270 Beck Road
Wixom, Michigan 49393
248-669-4040
FAX 248-669-0136

HYMMCO
6666 Bay Road
Saginaw, Michigan 48604
989-790-8001
FAX 989-790-8015

Contractors Steel Company
36555 Amrhein Road
Livonia, Michigan 48150
734-464-4000
FAX 734-452-3939

Michael Daraskavich
Controller

THE AMERICAN INSTITUTE OF ARCHITECTS

AIA Document A310 - MODIFIED

Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that we

Toebe Construction LLC
28990 Wixom Road, Wixom, MI 48393
as Principal, hereinafter called the Principal, and
Federal Insurance Company

(Here insert full name and address or legal title of Contractor)

(Here insert full name and address or legal title of Surety)

15 Mountain View Road, Warren, NJ 07059
a corporation duly organized under the laws of the State of New Jersey
as Surety, hereinafter called the Surety, are held and firmly bound unto

(Here insert full name and address or legal title of Owner)

City of Novi
26300 Lee BeGole Dr, Novi, MI 48375

as Obligee, hereinafter called the Obligee, in the sum of

Five Percent (5%) of Amount of Bid Dollars (5%),

for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for

Crescent Boulevard Reconstruction

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the Contract to the Surety and Obligee ~~with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.~~ mutually acceptable

Signed and sealed this 14th day of July, 2016

Toebe Construction LLC


(Witness)

(Principal) (Seal)



(Title) Jeffrey T. Stover,
Federal Insurance Company Vice President


(Witness)

(Surety) (Seal)



Susan L Small (Title) Attorney-In-Fact

Power of Attorney

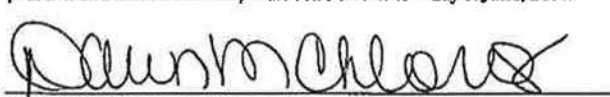
Federal Insurance Company | Vigilant Insurance Company | Pacific Indemnity Company

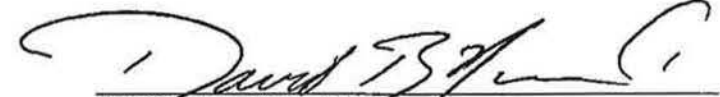
Attn: Surety Department | 15 Mountain View Road | Warren, NJ 07059

Know All by These Presents, That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint **Alan P. Chandler, Jeffrey A. Chandler, Ian J. Donald, Kathleen M. Ireland, Susan L. Small and Robert Trobec of Troy, Michigan** -----

each as their true and lawful Attorney-In-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this 13th day of June, 2016.


Dawn M. Chloros, Assistant Secretary


David B. Norris, Jr., Vice President



STATE OF NEW JERSEY
County of Somerset ss.

On this 13th day of June, 2016 before me, a Notary Public of New Jersey, personally came Dawn M. Chloros, to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said Dawn M. Chloros, being by me duly sworn, did depose and say that she is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that she signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that she is acquainted with David B. Norris, Jr., and knows him to be Vice President of said Companies; and that the signature of David B. Norris, Jr., subscribed to said Power of Attorney is in the genuine handwriting of David B. Norris, Jr., and was thereto subscribed by authority of said By-Laws and in deponent's presence.

Notarial Seal



KATHERINE J. ADELAAR
NOTARY PUBLIC OF NEW JERSEY
No. 2318685
Commission Expires July 16, 2019


Notary Public

CERTIFICATION

Extract from the By-Laws of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY:

"Except as otherwise provided in these By-Laws or by law or as otherwise directed by the Board of Directors, the President or any Vice President shall be authorized to execute and deliver, in the name and on behalf of the Corporation, all agreements, bonds, contracts, deeds, mortgages, and other instruments, either for the Corporation's own account or in a fiduciary or other capacity, and the seal of the Corporation, if appropriate, shall be affixed thereto by any of such officers or the Secretary or an Assistant Secretary. The Board of Directors, the President or any Vice President designated by the Board of Directors may authorize any other officer, employee or agent to execute and deliver, in the name and on behalf of the Corporation, agreements, bonds, contracts, deeds, mortgages, and other instruments, either for the Corporation's own account or in a fiduciary or other capacity, and, if appropriate, to affix the seal of the Corporation thereto. The grant of such authority by the Board or any such officer may be general or confined to specific instances."

I, Dawn M. Chloros, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY (the "Companies") do hereby certify that

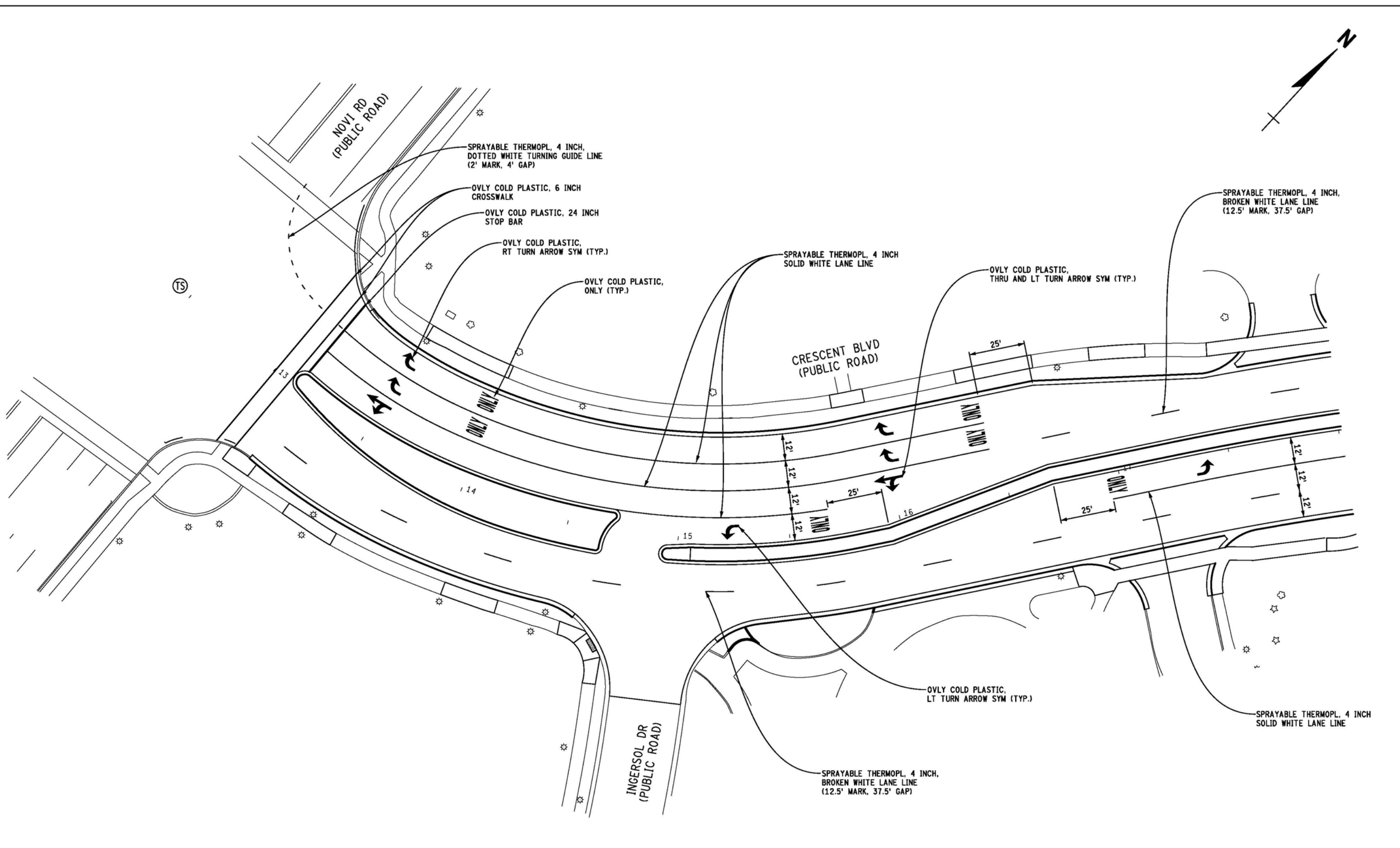
- (i) the foregoing extract of the By-Laws of the Companies is true and correct,
- (ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U.S. Treasury Department; further, Federal and Vigilant are licensed in the U.S. Virgin Islands, and Federal is licensed in Guam, Puerto Rico, and each of the Provinces of Canada except Prince Edward Island; and
- (iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this **July 14th, 2016**




Dawn M. Chloros, Assistant Secretary

IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT THE ADDRESS LISTED ABOVE, OR BY Telephone (908) 903-3493 Fax (908) 903-3656 e-mail: surety@chubb.com



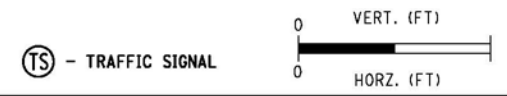
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AUTH DATE REVISION

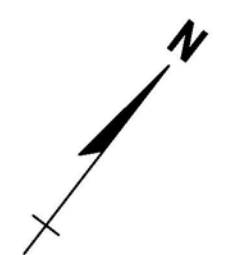
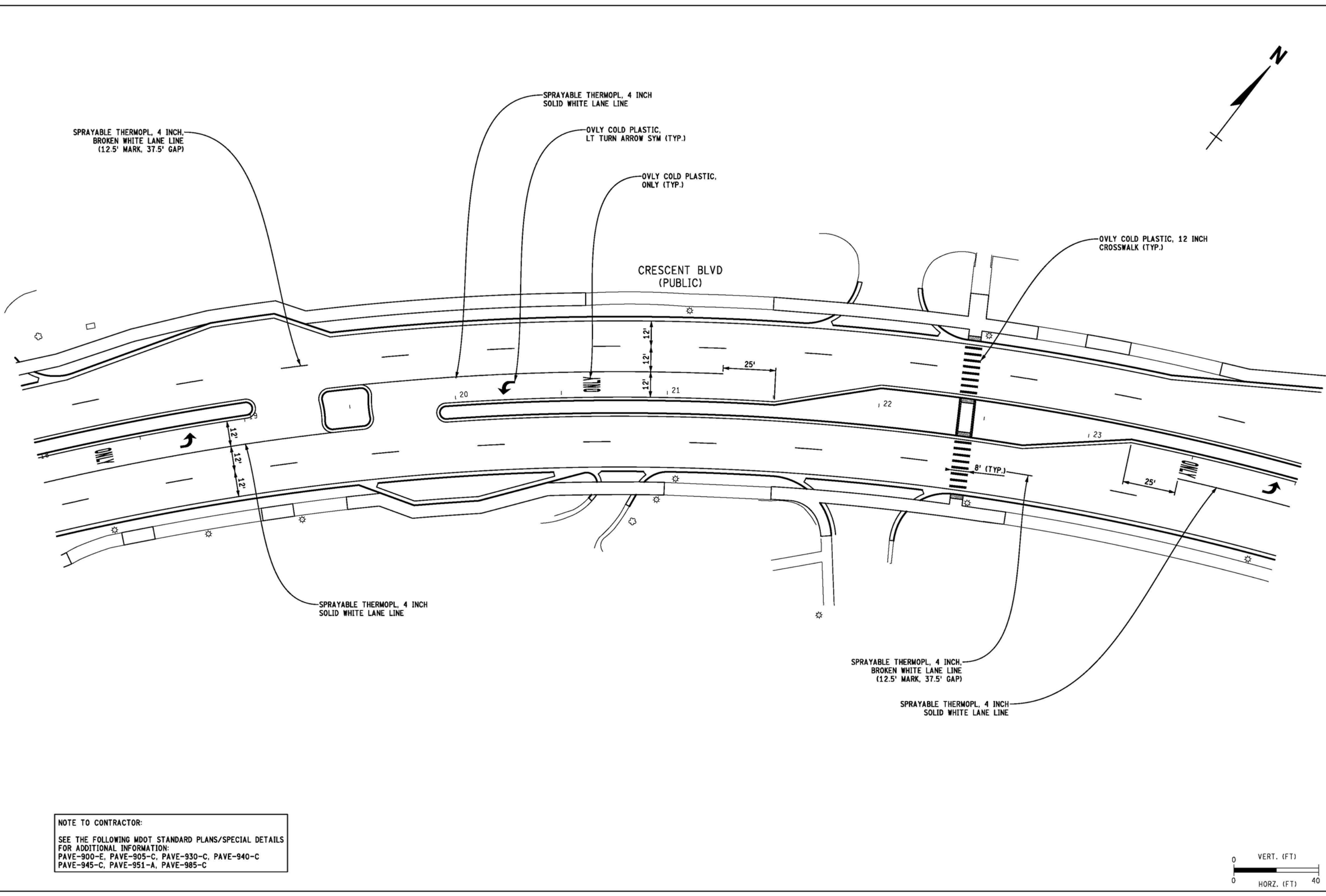


CRESCENT BLVD RECONSTRUCTION
 PERMANENT PAVEMENT MARKING SHEET - STA 12+00 TO STA 18+00

JOB 46140
DATE 6/17/2016
SHEET 63

NOTE TO CONTRACTOR:
 SEE THE FOLLOWING MDOT STANDARD PLANS/SPECIAL DETAILS FOR ADDITIONAL INFORMATION:
 PAVE-900-E, PAVE-905-C, PAVE-930-C, PAVE-940-C
 PAVE-945-C, PAVE-951-A, PAVE-985-C





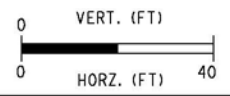
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DATE
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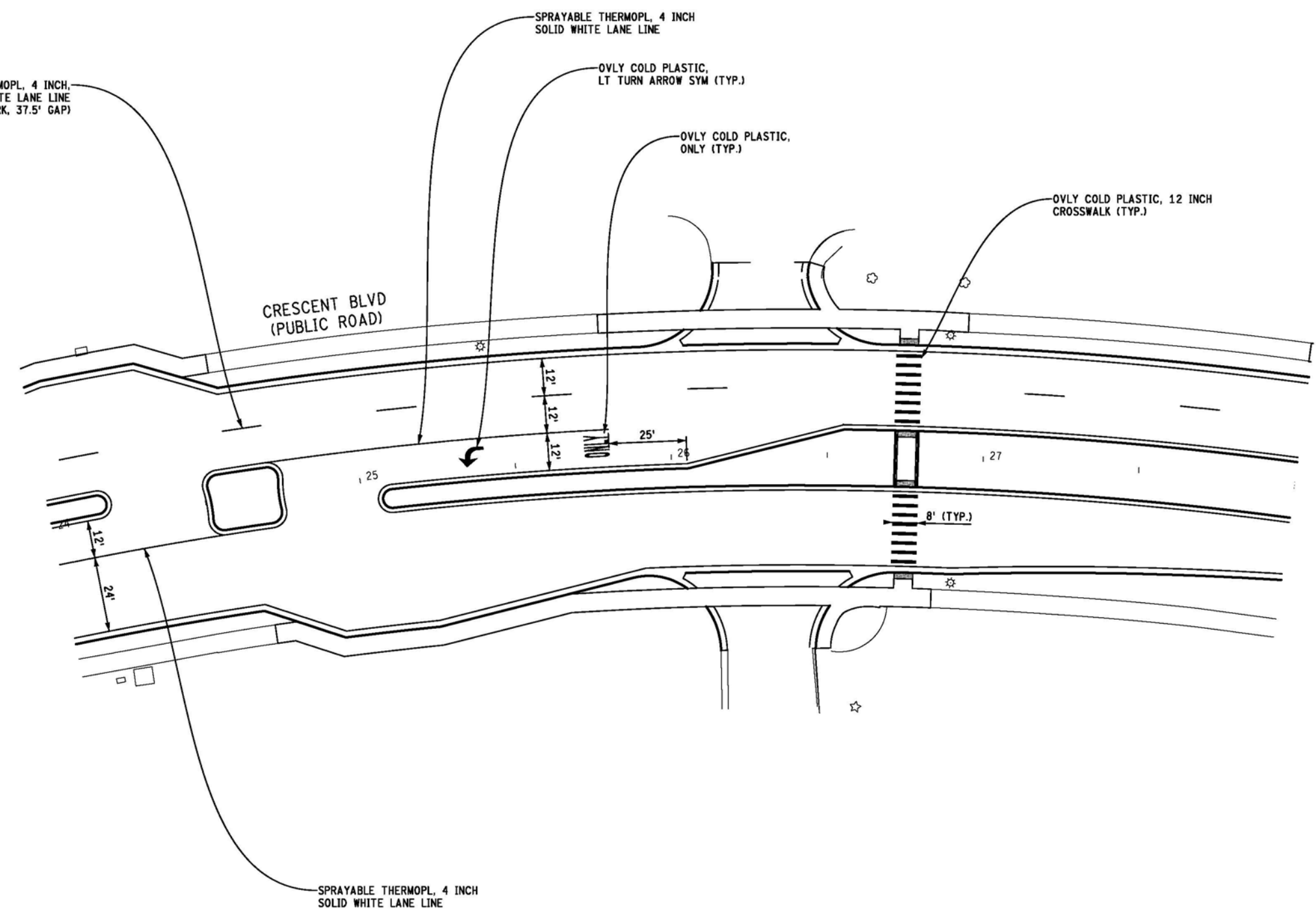
CRESCENT BLVD RECONSTRUCTION
 PERMANENT PAVEMENT MARKING SHEET - STA 18+00 TO STA 24+00

JOB	46140
DATE	6/17/2016
SHEET	64

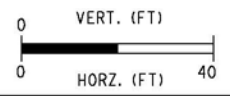
NOTE TO CONTRACTOR:
 SEE THE FOLLOWING MDT STANDARD PLANS/SPECIAL DETAILS FOR ADDITIONAL INFORMATION:
 PAVE-900-E, PAVE-905-C, PAVE-930-C, PAVE-940-C
 PAVE-945-C, PAVE-951-A, PAVE-985-C



SPRAYABLE THERMOPL. 4 INCH,
BROKEN WHITE LANE LINE
(12.5' MARK, 37.5' GAP)



NOTE TO CONTRACTOR:
SEE THE FOLLOWING MDOT STANDARD PLANS/SPECIAL DETAILS
FOR ADDITIONAL INFORMATION:
PAVE-900-E, PAVE-905-C, PAVE-930-C, PAVE-940-C
PAVE-945-C, PAVE-951-A, PAVE-985-C

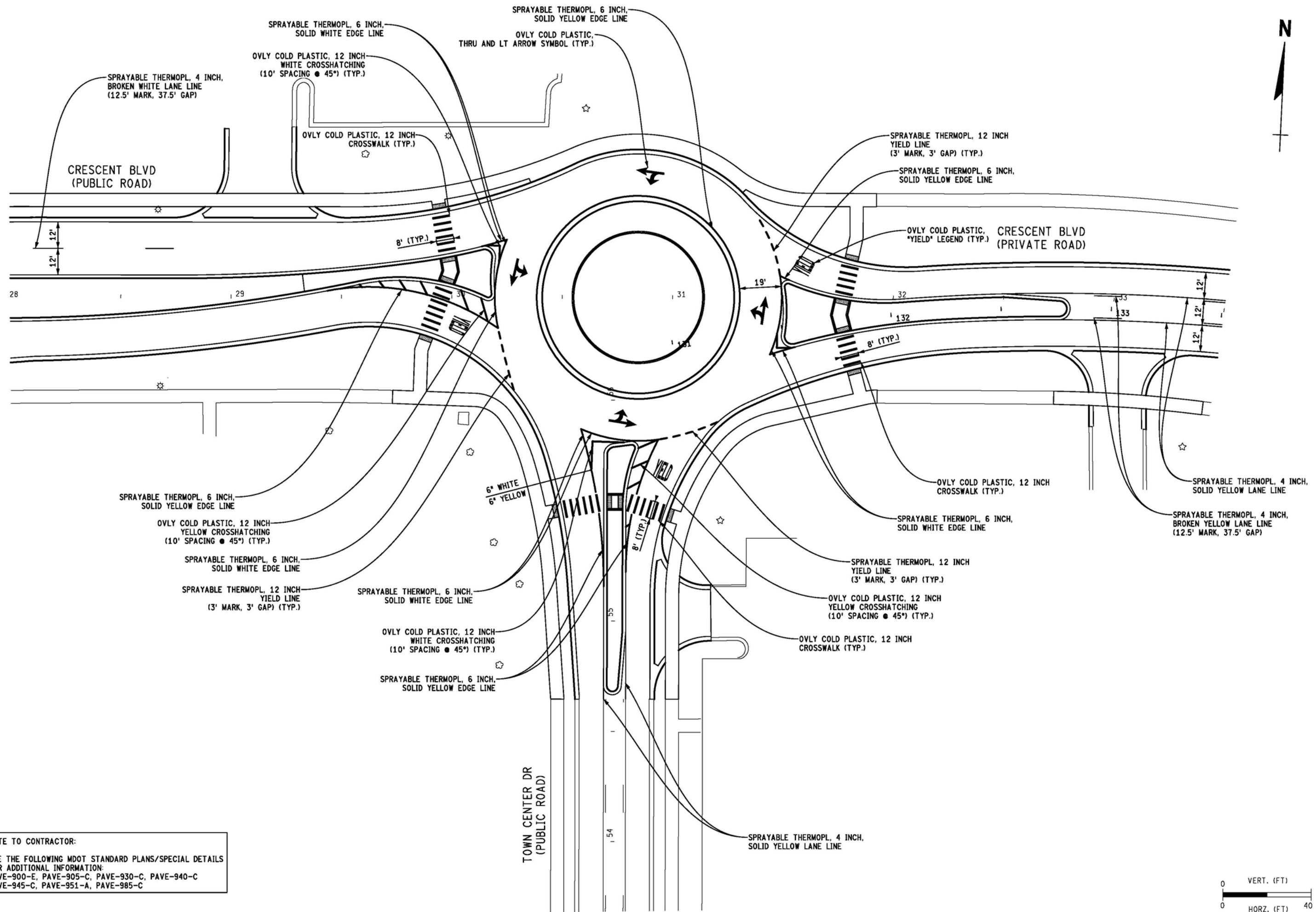


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AUTH DATE REVISION



CRESCENT BLVD RECONSTRUCTION
PERMANENT PAVEMENT MARKING SHEET - STA 24+00 TO STA 28+00

JOB 46140
DATE 6/17/2016
SHEET 65



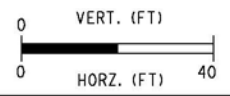
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AUTH DATE REVISION



CRESCENT BLVD RECONSTRUCTION
 PERMANENT PAVEMENT MARKING SHEET - STA 28+00 TO STA 33+50

JOB 46140
DATE 6/17/2016
SHEET 66

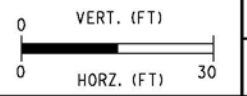
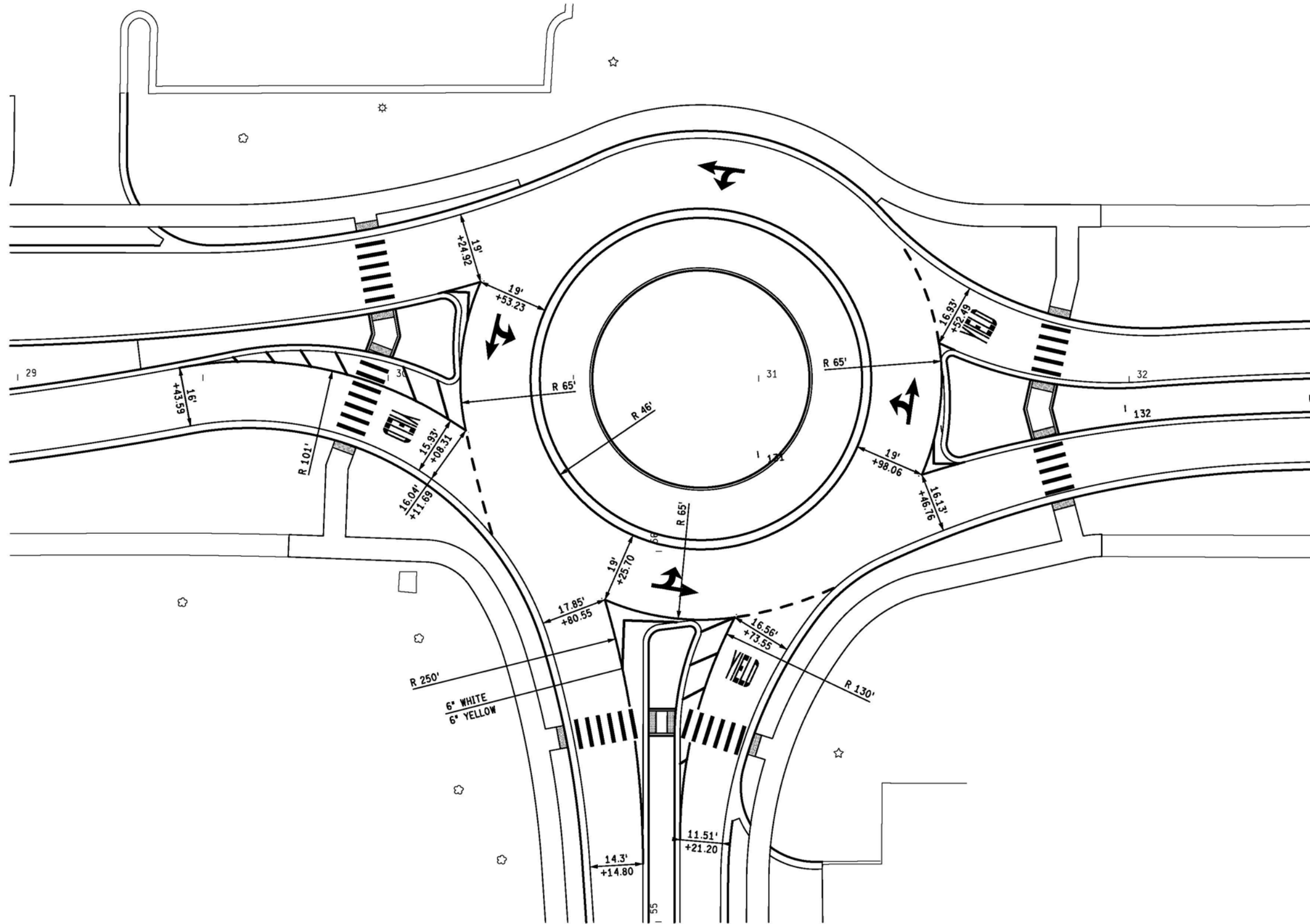
NOTE TO CONTRACTOR:
 SEE THE FOLLOWING MDT STANDARD PLANS/SPECIAL DETAILS FOR ADDITIONAL INFORMATION:
 PAVE-900-E, PAVE-905-C, PAVE-930-C, PAVE-940-C
 PAVE-945-C, PAVE-951-A, PAVE-985-C



CRESCENT BLVD
(PUBLIC ROAD)

CRESCENT BLVD
(PRIVATE ROAD)

TOWN CENTER DR
(PUBLIC ROAD)

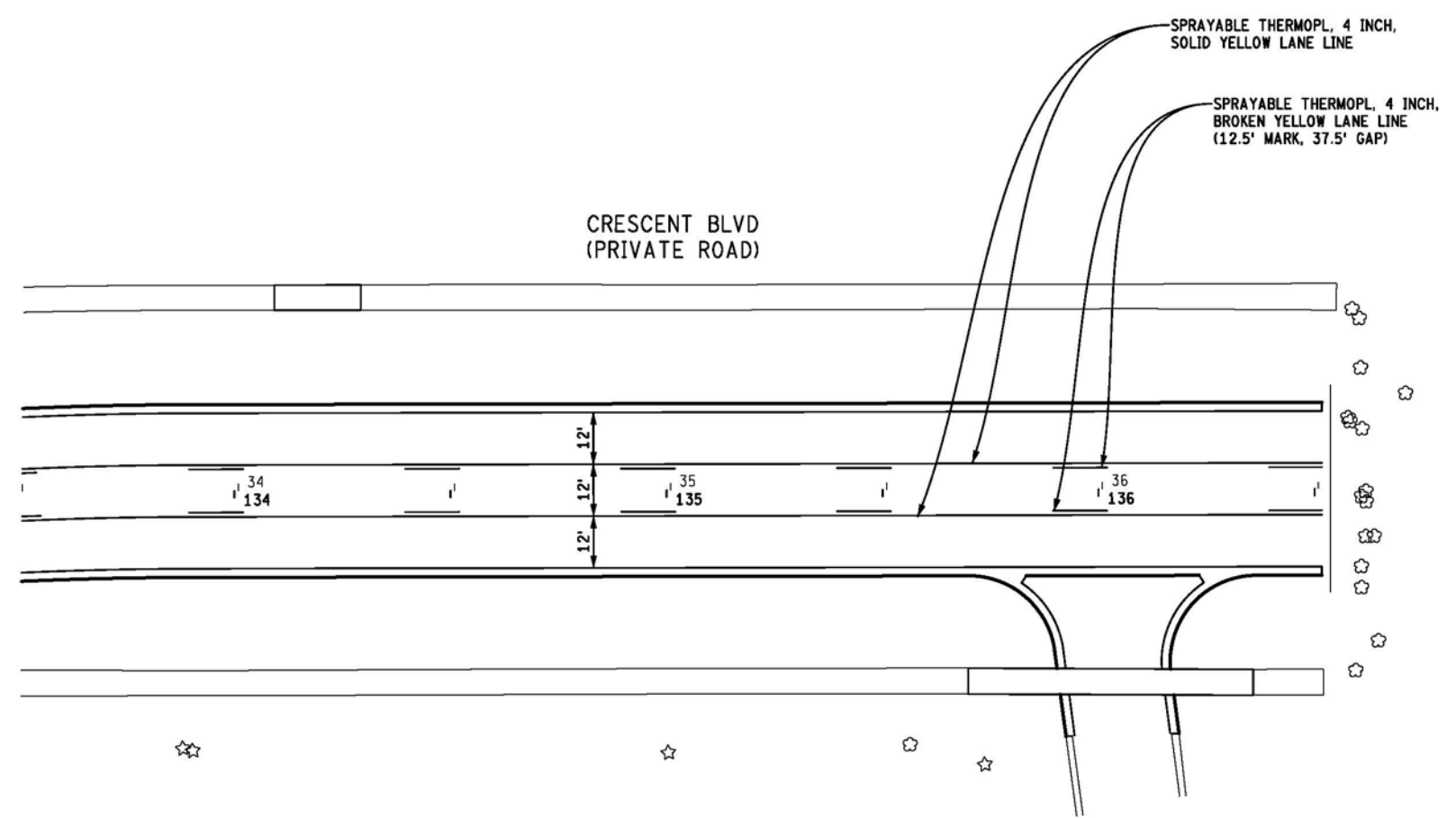


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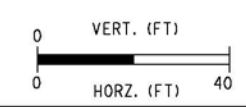



CRESCENT BLVD RECONSTRUCTION
ROUNDABOUT PAVEMENT MARKING LAYOUT

JOB 46140
DATE 6/17/2016
SHEET 67



NOTE TO CONTRACTOR:
SEE THE FOLLOWING MDOT STANDARD PLANS/SPECIAL DETAILS FOR ADDITIONAL INFORMATION:
PAVE-900-E, PAVE-905-C, PAVE-930-C, PAVE-940-C
PAVE-945-C, PAVE-951-A, PAVE-985-C



FILE:46140_3350_PVMK.DGN	AUTH	DATE	REVISION
AECOM			
			
CRESCENT BLVD RECONSTRUCTION			
PERMANENT PAVEMENT MARKING SHEET - STA 33+50 TO STA 36+50			
JOB 46140			
DATE 6/17/2016			
SHEET 68			