



STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
800 BAY ROAD
P.O. Box 778
DOVER, DELAWARE 19903

JENNIFER COHAN
SECRETARY

September 11, 2019

Mr. Doug Atkin
Delaware Division Administrator
Federal Highway Administration
1201 College Park Drive, Suite 102
Dover, DE 19904
Dear Mr. Atkin,

DelDOT is pleased to submit our fourth annual report related to our SEP-14 approval of our non-traditional contracting technique, which was approved by FHWA on April 1, 2015. This document will also serve as our "wrap-up" report for this effort, which was noted as one of the conditions of FHWA's programmatic approval for this effort through the 2019 construction season, per the letter from John Sullivan dated July 12, 2016.

For reference, some previous correspondence and approvals are attached. As previously discussed and approved, our primary measure of effectiveness is the amount of time between the completion of design and the start of construction. Our reporting period includes projects that had a design completion date between April 1, 2018 and April 1, 2019.

For all projects during the reporting period that were under the DelDOT Traffic Section's direct control, a summary of several critical dates is included in the attached table. The "hand off" date represents the official completion of design and the official transfer of a project from our Design to our Construction Section. The other dates noted in the attachment are self-explanatory.

The average time between the completion of design and beginning of construction was 44 calendar days for this year's reporting period. Over the course of our work under the SEP-14 approval, this measure has varied somewhat from year to year as shown in the table below:

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<i>Year of Report</i>	<i>Design Completion Date Range</i>	<i>Average Number of Calendar Days from Design Completion to Start of Construction</i>
2016	4/1/15-4/1/16	32
2017	4/1/16 - 4/1/17	34
2018	4/1/17 - 4/1/18	63
2019	4/1/18 -4/1/19	44

Our 2018 SEP-14 annual report discussed some of the reasons why the average time from design completion to construction start increased for that reporting period. We are pleased to see that the value in this year's report decreased, although not to the levels of the first two years' reports.

Regardless, the average value even in the "worst" reporting year of 63 calendar days is still significantly faster than the fastest that a regular design-bid-build project can advance from the completion of the Plans, Specifications, and Estimate (PS&E) to construction start, under non-emergency DelDOT, Delaware, and Federal rules, which is approximately 4 months. Most projects take 6 or more months between PS&E and construction start. For the 2019 reporting period, our project with the longest duration between design completion and construction start (111 calendar days) was less than 4 months.

Our results after four years of implementation clearly show the benefits of this innovative project delivery method. We strongly believe this method epitomizes FHWA's Everyday Counts initiative. Furthermore, this method is fully institutionalized into DelDOT's project delivery process. Prior to our SEP-14 approval, DelDOT used this same method for projects using state funds for many years. Although we do not have specific data for those years, the turnaround times were similar. Given its proven track record, we request that this SEP-14 approval be extended for an additional five years. We would be happy to continue submitting annual reports, as these are fully expected to continue to prove the success of this program.

Sincerely,



Mark Luszcz, P.E., PTOE
Deputy Director (Design)
Division of Transportation Solutions

Enclosures

cc: Patrick Kennedy, Federal Highway Administration
Shante Hastings, DelDOT Chief Engineer / Director of Transportation Solutions
Jim Pappas, DelDOT, Deputy Director (Operations), Division of Transportation Solutions
Don Weber, DelDOT, Chief of Traffic Operations
James Hoagland, DelDOT Contract Services Administrator
Mark Harbeson, DelDOT Traffic Field Operations Manager
Max Saintil, DelDOT Traffic Systems Design Manager

Proceed No	Project No	Project Description	Hand Off Date	Notice To Proceed	Start Of Construction	Completed Construction	Calendar Days Hand Off to Construction Start
1334	T201601002.4	DE.2 Ped Safety Improvements	4/19/2018	7/6/2018	7/13/2018	10/20/2018	85
1327	T084054040	De.1 & De.16 Dilemma Zone Deployment	4/26/2018	4/30/2018	6/1/2018	8/28/2018	36
1336	T201701004.1	Boxwood Rd. Interchange Lighting	4/27/2018	7/17/2018	7/27/2018	11/8/2018	91
1337	T201804107	De.4 & Science Blvd	5/2/2018	7/20/2018	7/30/2018	9/7/2018	89
1338	T201704002.13	DE.4 & Rolling Dr/Samoset Dr	5/2/2018	7/23/2018	7/30/2018	10/4/2018	89
1340	T201701004.2	De.4 & Brennen/Pearson Dr. Lighting	5/4/2018	7/27/2018	8/23/2018	11/27/2018	111
1348	T201904001	Philadelphia Pike & Marsh Rd. Signal Reconstruction	6/22/2018	8/23/2018	8/29/2018	1/11/2019	68
1333	T201701002.9	Paper Mill & E. Cleveland	6/27/2018	7/6/2018	7/19/2018	7/19/2018	22
1342	T201804108	S. College Av. & Marvin Dr/UD Field House	6/27/2018	8/2/2018	8/9/2018	8/24/2018	43
1344	T201904001	Foulk Rd & Bedford Rd./School Ln.	7/19/2018	8/20/2018	8/27/2018	4/10/2019	39
1341	T201904301	Indian River Inlet Bridge Flasher Signs	7/25/2018	8/2/2018	8/9/2018	10/31/2018	15
1349	T201804106	Lea Blvd. Flashing Signal Removal	7/26/2018	8/24/2018	9/1/2018	10/9/2018	37
1345	T201904101	Walther Rd. Solar Warning Sign Conversion	7/30/2018	8/20/2018	8/27/2018	10/2/2018	28
1343	T201800402	2016 HEP Sites A and C	8/1/2018	8/8/2018	8/16/2018	12/4/2018	15
1346	T201701004.3	Middleford Rd & Nanticoke Mem. Hosp. RRFBS	8/1/2018	8/20/2018	8/27/2018	12/12/2018	26
1347	T201701004.4	POW-MIA Parkway RRFB Installations	8/1/2018	8/23/2018	8/27/2018	1/25/2019	26
1353	000012128	Slaughter Beach Flooded Road Signs	8/30/2018	9/12/2018	9/19/2018	9/28/2018	20
1355	T201701004.5	US.40 & LagrangeAve/Glasgow Park APS	9/14/2018	9/20/2018	10/15/2018	2/7/2019	31
1359	T201904001.2	US.13 & DE.12 Lighting	10/4/2018	10/16/2018	11/13/2018	5/1/2019	40
1360	T201800402.2	Greenbank Rd & Albertson Blvd. 2016 HEP Site B	10/10/2018	10/19/2018	10/26/2018	11/19/2018	16
1362	T201900801	US.13 & W. Dennys Rd Lighting	10/10/2018	10/29/2018	12/13/2018	5/10/2019	64
1370	T201800402.3	US.13 & Redden Rd. - 2016 HEP Site E	10/10/2018	11/16/2018	11/19/2018	2/28/2019	40
1369	T201701004.6	Wyoming Rd & Pomeroy Trail RRFBS	10/18/2018	11/14/2018	12/27/2018	4/23/2019	70
1372	T201701002.10	E. Cleveland Ave. & McKees Lane/Winner Blvd	10/30/2018	11/30/2018	12/2/2018	4/23/2019	33
1367	T201904001.4	De.2 & E Green Valley Circle	10/31/2018	11/14/2018	1/28/2019	4/9/2019	89
1368	T201904001.3	Old Capitol Trail & Newport Rd.	10/31/2018	11/14/2018	11/29/2018	4/23/2019	29
1371	0001	WIM Sensor Replacement Locations	11/30/2018	12/4/2018	2/21/2019		83
1381	0002	Blackbird Weigh Station Sign Replacement	1/8/2019	2/15/2019	2/22/2019	5/7/2019	45
1375	T201904001.5	Boulden Blvd. & Markell Trail RRFB Upgrades	1/18/2019	1/25/2019	2/1/2019	6/11/2019	14
1376	T201700507	US.13 -Harrington RR X-ing	1/18/2019	1/25/2019	1/31/2019	4/23/2019	13
1380	T201501002.12	Philly Pike & Maple Rd. Ped. Upgrades	1/22/2019	2/11/2019	2/18/2019	4/15/2019	27
1378	T201904001.6	4th St. & Jackson St.	1/29/2019	2/8/2019	2/15/2019	5/10/2019	17
1382	T201900801.1	US.13 & W. Dennys Rd. Signal Rebuild	2/7/2019	2/15/2019	2/20/2019		13
1385	T201904001.10	US.113 & DE.20 Phase Change	2/7/2019	3/14/2019	3/27/2019	6/20/2019	48
1383	T201904001.7	Scarborough Rd & Crawford Carroll Ave.	2/8/2019	2/22/2019	2/23/2019	5/23/2019	15
1388	T201904001.9	DE.41 & McKennan's Church/Loveville Rds.	2/21/2019	3/15/2019	5/20/2019		88
1390	T201904001.8	DE.4 & Gender Rd. FRA Signal Modification	2/27/2019	3/15/2019	3/22/2019		23
1391	T201800402.5	City of Wilmington 2016 HEP Site N	3/12/2019	3/29/2019	4/9/2019		28

Average:	44
Max:	111
Min:	13