

Site Visit Report



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gravesengineering.com

Date:	October 12, 2023	Prepared By:	Olivia Caton
Client:	Sutton Planning Board	Arrived on site:	6:50 AM
Project:	Unified Parkway	Left site:	4:15 PM
Contractor:	Walsh Contracting Corp.	Site Conditions:	Dry
Contractor Contact:	John Walsh	Weather:	45-66°, Partly Cloudy

Transmitted by:

☒ Mail	☒ E-mail
☐ Hand	☐ Other:
☐ Fax	

Comments:

Graves Engineering, Inc. (GEI) was on-site to observe binder course paving between stations 0+00 and 35+50 along Unified Parkway.

Paving was scheduled to begin at 7:00 am. Walsh Contracting Corp. was the paving contractor performing today's paving activities. Upon my arrival, Walsh Contracting was paving the roadway beginning at station 12+00.

The paving contractor placed Dense Binder, $\frac{3}{4}$ ", REC, 25 asphalt at a minimum loose thickness of 5 inches to provide for at least 4 inches of compacted asphalt. The roadway was paved in three strips, and two strips in the narrowest portion between station 25+00 and 27+00. The contractor began paving the second strip at station 12+00 until station 22+00. The third strip was paved from stations 0+00 to 22+00. The second strip was then paved from station 22+00 to 35+50, and the third strip from 30+00 to 35+50. The right side of the tapered portion of the roadway between stations 22+00 and 30+00 were not paved to accommodate gas utility installation. The asphalt was compacted with 10-ton rollers. The contractor placed approximately 1,870 tons of asphalt. The asphalt was obtained from two separate plants, a copy of the last weigh slip from each plant is attached.

During the paving process, an asphalt truck ran over a water gate at approximately station 6+00, causing the gate and pipe to lean to the side. The contractor straightened the gate and its pipe, however the water gate should be examined to determine whether any damage occurred. At approximately station 32+00, a one-foot wide, one-foot long, and one-foot deep hole in the subbase was paved around.

The loose pavement thickness was checked continuously and the temperature of each load was checked; a representative sampling of spot readings is listed in the table below.

Table 1 – Binder Course Thicknesses and Temperatures on Unified Parkway

Test	Loose Thickness (in.)	Temperature (°F)	Approximate Location (Sta., Offset)
11	5+	-	0+00, 45'R
12	5	276	1+00, 8'R
13	5-	272	2+00, 11'R
14	5	248	3+00, 15'R
15	5-	-	4+00, 7'R
16	5	216	5+00, 23'R
17	5+	270	6+00, 21'R
18	5	261	7+00, 19'R
19	5-	295	8+00, 13'R
20	5-	281	9+00, 7'R
21	5	-	10+00, 9'R
22	5	272	11+00, 13'R
23	5-	280	12+00, 22'R
1	5-	263	13+00, CL
25	5-	-	14+00, 15'R
3	5	260	15+00, 4'R
4	5	274	16+00, 2'R
28	5	282	17+00, 10'R
6	5	267	18+00, 8'L
30	5+	282	19+00, 15'R
8	5	256	20+00, 3'L
32	5	276	21+00, 23'R
10	5-	-	22+00, 6'R
34	5	271	23+00, CL
35	5+	-	24+00, CL
36	5-	-	25+00, 3'R
37	5	280	26+00, 6'R
38	5+	290	27+00, 16'R
39	5	277	28+00, 13'R
40	5	-	29+00, 9'R
41	5	-	30+00, 5'R
49	5-	264	31+00, 23'R
50	5-	285	32+00, 15'R
51	5-	-	33+00, 20'R
52	5	264	34+00, 9'R
53	5	276	35+00, 13'R
54	5+	266	35+50, 7'R

L = Left of Centerline, CL = Centerline, R = Right of Centerline

Based upon visual observations only, the work observed today appeared to be consistent with the approved plans.

Action to be Taken:

Client will be notified of this site visit by way of this report.

Copies:

cc: John Walsh; Walsh Contracting Corp.
Matthew Piekarski; The Kraft Group, LLC

Photos:

The following photos were taken during today's site visit.



Photo 1: The contractor paving around a telephone pole at station 0+00.



Photo 2: The contractor compacting asphalt at approximately station 30+00.



Photo 3: General conditions of the compacted asphalt at approximately station 32+00.



Photo 4: General conditions of the compacted asphalt at approximately station 19+00.



Photo 5: General conditions of the compacted asphalt at approximately station 4+00.

HOLCIM		SHREWSBURY ASPHALT PLANT		301448118	
		WEM Batching		10/12/2023 3:16:07PM	
		Weighmaster: Eric RICHARD			
Customer:	38480	WALSH CONTRACTING CORP.			
Order:	400884869	SUTTON UNIFIED PROJECT 2023			
P.O.:					
Product:	905245	ASPHALT DENSE BINDER			
Mix:	800645	DENSE BINDER, 3/4", REC, 20			
Hauler:	4000000				
Truck:	WALSH				
Axle:	3				
Location:	8704				
Zone:	ZONE0				
Tax:	ZZ				

	Pounds	Tons
Gross:	49354	24.68
Tare:	20 *	0.01 *
Net:	49334 *	24.67 *

* Manual Weight

	Price	Amount
Cash Sale		
Material:		
Freight:		
Other:		
Tax:		
Total:		

RECEIVED: _____

THE PERSON SIGNING THIS DELIVERY TICKET IS AUTHORIZED TO ACCEPT THE MATERIALS DELIVERED.

By signing, I acknowledge that I have reviewed the information on this ticket, and that I am authorized to consent to the following. For Delivery Custs I certify that I have received the quantity and product that I ordered. I relieve the seller of any liability for personal injury or property damage when delivered beyond curb line. For Pickup (F.O.B.) Customer I certify that I have received the quantity and product I ordered and that my vehicle complies.

AggreChoice Products do not currently meet Massachusetts, New Hampshire, and Rhode Island Highway Dept/DOT specifications.

Deliveries of products of Aggregate Industries in vehicles arranged for by Aggregate Industries are usually made by interstate common carriers or by independent contractor businessmen operating as interstate non-regulated trucks. In either such case Aggregate Industries exercises no control over and does not assume responsibility for the transportation and delivery of the products covered by this ticket. Aggregate Industries will not be liable in any way for accidents or damage to persons or property or loss of property or delay arising out of or occurring during the transportation and delivery and unloading of such product. Crushed stone products may include recycled material.

Danger: Sand & Gravel Products Contain Silicon Dioxide, Dust May Be Harmful if Inhaled. Use Proper Respiratory System

Photo 6: Last weigh slip from Shrewsbury Asphalt Plant.



WRENTHAM ASPHALT PLANT

DRUM SCALE 1 SILO 4

Weighmaster: Chad HOLLAND

WALSH CONTRACTING CORP.

SUTTON UNIFIED PROJECT 2023

Customer: 38480
Order: 400884869
P.O.:
Product: 905245
Mix: 800644
Hauler: 4000000
Truck: JWD
Axle: 0
Location: 8710
Zone: ZONE0
Tax: ZZ

ASPHALT DENSE BINDER
DENSE BINDER, 3/4", REC, 25

301606277

10/12/2023 9:36:10AM

	Pounds	Tons
Gross:	100260 *	50.13 *
Tare:	38700 *	19.35 *
Net:	61560 *	30.78 *

* Manual Weight

Cash Sale	Price	Amount
Material:		
Freight:		
Other:		
Tax:		
Total:		

Shipped: 1,925.94 Loads: 77
Today: 367.20 Loads: 14

RECEIVED:

THE PERSON SIGNING THIS DELIVERY TICKET IS AUTHORIZED TO ACCEPT THE MATERIALS DELIVERED.

By signing, I acknowledge that I have reviewed the information on this ticket, and that I am authorized to consent to the following: **For Delivery Customer** I certify that I have received the quantity and product that I ordered. I relieve the seller of any liability for personal injury or property damage when delivered beyond curb line. **For Pickup (F.O.B.) Customer** I certify that I have received the quantity and product I ordered and that my vehicle complies

Aggregate Choice Products do not currently meet Massachusetts, New Hampshire, and Rhode Island Highway Specifications. Deliveries of products of Aggregate Industries in vehicles arranged for by Aggregate Industries are usually made by common carriers or by independent contractor businessmen operating as interstate non-regulated truckers. In either such case Aggregate Industries exercises no control over and does not assume liability for the transportation and delivery of the products covered by this ticket. Aggregate Industries will not be liable in any way for accidents or damage to persons or property or for loss of property or occurring during the transportation and delivery and unloading of such products. Crushed stone products may include recycled material.

Danger: Sand & Gravel Products Contain Silicon Dioxide, Dust May Irritate Eyes and Respiratory System

Photo 7: Last weigh slip from Wrentham Asphalt Plant.