



**ENGINEERING  
EXCELLENCE  
SINCE 1889**

1 AERIAL WAY  
SYOSSET, N.Y. 11791  
PHONE: (516) 938-0600  
FAX: (516) 931-6344

PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09/24/25

CHKD MR DATE: 09/30/25  
BY

**ITEM NUMBER :** 201.06

**ITEM DESCRIPTION :** Clearing and Grubbing

**UNITS :** LS

This item includes Tree Trimming

Assume the cost to clear and grub at each location.

This includes all tree trimming and work for guide rail and barrier replacement shown on the tables in the plans. Quantities are estimated for information only. Item is a lump sum item.

### General Tree Trimming

| TABLE OF GENERAL TREE TRIMMING<br>PAID FOR UNDER ITEM 201.06 - CLEARING AND GRUBBING |          |        |              |              |                     |                                    |       |                                                                                     |  |
|--------------------------------------------------------------------------------------|----------|--------|--------------|--------------|---------------------|------------------------------------|-------|-------------------------------------------------------------------------------------|--|
| NUMBER                                                                               | LOCATION |        |              |              | GNP<br>SHEET NUMBER | MAINLINE<br>DIRECTION<br>OF TRAVEL | SIDE  | DESCRIPTION OF WORK                                                                 |  |
|                                                                                      | STATION  |        | MILE POST    |              |                     |                                    |       |                                                                                     |  |
|                                                                                      | BEGIN    | END    | BEGIN        | END          |                     |                                    |       |                                                                                     |  |
| 1                                                                                    | 285+00   | 287+00 | MP NE 8.911  | MP NE 8.949  | 002-003             | SB                                 | RIGHT | IMPROVE VISIBILITY OF MAINLINE GROUND MOUNTED SIGNS                                 |  |
| 2                                                                                    | 318+00   | 320+00 | MP NE 9.536  | MP NE 9.575  | 009                 | SB                                 | RIGHT | IMPROVE VISIBILITY OF MAINLINE GROUND MOUNTED SIGNS AND REDUCE OVERHANGING BRANCHES |  |
| 3                                                                                    | 327+00   | 330+00 | MP NE 9.711  | MP NE 9.771  | 010-011             | SB                                 | RIGHT | MERGE AREA OF RAMP MC AND SB I-95 MAINLINE TO REDUCE OVERHANGING BRANCHES           |  |
| 4                                                                                    | 336+00   | 338+00 | MP NE 9.888  | MP NE 9.927  | 012                 | SB                                 | RIGHT | IMPROVE VISIBILITY OF MAINLINE GROUND MOUNTED SIGNS                                 |  |
| 8                                                                                    | 362+50   | 368+00 | MP NE 10.392 | MP NE 10.495 | 017-018             | SB                                 | RIGHT | IMPROVE VISIBILITY OF OVERHEAD SIGN STRUCTURE AT APPROXIMATE STA 362+70             |  |
| 9                                                                                    | 371+20   | 381+20 | MP NE 10.555 | MP NE 10.742 | 019-021             | SB                                 | RIGHT | REDUCE OVERHANGING BRANCHES                                                         |  |
| 10                                                                                   | 391+00   | 393+00 | MP NE 10.939 | MP NE 10.973 | 022-023             | NB                                 | RIGHT | REDUCE OVERHANGING BRANCHES                                                         |  |
| 11                                                                                   | 398+00   | 402+00 | MP NE 11.063 | MP NE 11.127 | 024                 | NB                                 | RIGHT | REDUCE OVERHANGING BRANCHES                                                         |  |
| 12                                                                                   | 415+00   | 417+00 | MP NE 11.357 | MP NE 11.393 | 027                 | NB                                 | RIGHT | IMPROVE VISIBILITY OF OVERHEAD SIGN STRUCTURE AT APPROXIMATE STA 421+10             |  |
| 13                                                                                   | 425+00   | 429+00 | MP NE 11.554 | MP NE 11.624 | 029-030             | NB                                 | RIGHT | REDUCE OVERHANGING BRANCHES                                                         |  |
| 14                                                                                   | 430+50   | 439+50 | MP NE 11.647 | MP NE 11.804 | 030-032             | NB                                 | RIGHT | REDUCE OVERHANGING BRANCHES                                                         |  |
| 15                                                                                   | 442+00   | 447+00 | MP NE 11.851 | MP NE 11.947 | 032-033             | NB                                 | RIGHT | REDUCE OVERHANGING BRANCHES                                                         |  |
| 16                                                                                   | 449+00   | 455+50 | MP NE 11.986 | MP NE 12.112 | 033-035             | NB                                 | RIGHT | IMPROVE VISIBILITY OF OVERHEAD SIGN STRUCTURE AT APPROXIMATE STA 456+95             |  |
| 17                                                                                   | 460+50   | 465+00 | MP NE 12.209 | MP NE 12.297 | 036                 | NB                                 | RIGHT | REDUCE OVERHANGING BRANCHES ON RAMP PE                                              |  |
| 18                                                                                   |          |        | RAMP PD      |              | 038 & 105           | NB                                 | RIGHT | IMPROVE HORIZONTAL SIGHT DISTANCE ALONG RAMP PD                                     |  |
| 19                                                                                   | 484+25   | 484+75 | MP NE 12.666 | MP NE 12.676 | 040                 | NB                                 | RIGHT | REDUCE OVERHANGING BRANCHES                                                         |  |
| 20                                                                                   | 491+00   | 492+00 | MP NE 12.794 | MP NE 12.813 | 041-042             | NB                                 | RIGHT | IMPROVE VISIBILITY OF MAINLINE GROUND MOUNTED SIGN AT APPROXIMATE STA 491+50        |  |
| 21                                                                                   | 496+50   | 497+50 | MP NE 12.899 | MP NE 12.918 | 042-043             | NB                                 | RIGHT | REDUCE OVERHANGING BRANCHES AT CENTRAL AVENUE BRIDGE                                |  |
| 22                                                                                   | 499+50   | 500+50 | MP NE 12.956 | MP NE 12.975 | 043                 | NB                                 | RIGHT | REDUCE OVERHANGING BRANCHES                                                         |  |
| 23                                                                                   | 405+00   | 407+00 | MP NE 11.201 | MP NE 11.240 | 025                 | SB                                 | RIGHT | IMPROVE VISIBILITY OF MAINLINE GROUND MOUNTED SIGN AT APPROXIMATE STA 404+50        |  |
| 24                                                                                   | 415+00   | 417+00 | MP NE 11.396 | MP NE 11.434 | 027                 | SB                                 | RIGHT | REDUCE OVERHANGING BRANCHES                                                         |  |
| 25                                                                                   | 425+00   | 426+00 | MP NE 11.588 | MP NE 11.607 | 029                 | SB                                 | RIGHT | REDUCE OVERHANGING BRANCHES                                                         |  |
| 26                                                                                   | 429+50   | 430+00 | MP NE 11.674 | MP NE 11.684 | 030                 | SB                                 | RIGHT | REDUCE OVERHANGING BRANCHES AT HARRISON AVENUE BRIDGE                               |  |
| 27                                                                                   | 431+50   | 436+50 | MP NE 11.713 | MP NE 11.808 | 030-031             | SB                                 | RIGHT | REDUCE OVERHANGING BRANCHES                                                         |  |
| 28                                                                                   | 447+00   | 447+50 | MP NE 12.006 | MP NE 12.016 | 033                 | SB                                 | RIGHT | REDUCE OVERHANGING BRANCHES AT SOUTH ROAD BRIDGE                                    |  |
| 29                                                                                   | 461+50   | 463+50 | MP NE 12.278 | MP NE 12.315 | 036                 | SB                                 | RIGHT | REDUCE OVERHANGING BRANCHES                                                         |  |
| 30                                                                                   |          |        | RAMP PB      |              | 038, 039, & 106     | SB                                 | RIGHT | CLEAR OVERGROWN VEGETATION AND IMPROVE HORIZONTAL SIGHT DISTANCE ON RAMP PB         |  |
| 31                                                                                   |          |        | RAMP PC      |              | 038, 039, & 106     | SB                                 | RIGHT | CLEAR OVERGROWN VEGETATION ALONG RAMP PC                                            |  |
| 32                                                                                   | 481+50   | 485+50 | MP NE 12.655 | MP NE 12.731 | 040                 | SB                                 | RIGHT | REDUCE OVERHANGING BRANCHES                                                         |  |
| 33                                                                                   | 487+75   | 488+25 | MP NE 12.774 | MP NE 12.784 | 041                 | SB                                 | RIGHT | IMPROVE VISIBILITY OF CANTILEVER SIGN STRUCTURE AT APPROXIMATE STA 488+00           |  |
| 34                                                                                   | 492+00   | 496+00 | MP NE 12.855 | MP NE 12.929 | 042                 | SB                                 | RIGHT | REDUCE OVERHANGING BRANCHES                                                         |  |
| 35                                                                                   | 498+50   | 500+50 | MP NE 12.974 | MP NE 13.011 | 043                 | SB                                 | RIGHT | REDUCE OVERHANGING BRANCHES                                                         |  |

### Concrete and Barrier Replacement

14 locations SB of varying lengths

approx 205 sy of material

9 locations NB of varying lengths.

approx 580 sy of material

**TOTAL QUANTITY FOR ITEM**

**201.06**

**:**

**1 LS**



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SUBJECT: Highway Estimate - October 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1  
BY CC DATE: 07 / 22 / 25  
CHKD. PJP DATE: 10 / 17 / 25  
BY

**ITEM NUMBER :** 203.02

**ITEM DESCRIPTION :** Unclassified Excavation and Disposal

**UNITS :** CY

Assume unclassified excavation and disposal will be required at Sign Structure work, guiderail installation, and miscellaneous

Sign Structure Foundation Excavation

2 Sign Foundations x 30 CY = 60 CY

Full Depth Asphalt Pavement Repairs

Total Volume (see attached tab) 8.35 CY = 8.35 CY

Depth ( 6" of subbase) 6 IN  
8.35 CY

Excavation of 2" of subbase below Precast Concrete Slab replacement  
at Concrete Slab Pavement Repair Areas

use NB and SB PCC lift-out SY, match MST-

002 SAY = 120 CY

Excavation of 2" of subbase below Precast Concrete Slab  
replacement at Bridges

use NB and SB PCC lift-out SY, match MST-

003 SAY = 1071 CY

**TOTAL QUANTITY FOR ITEM 203.02 : 1,260 CY**

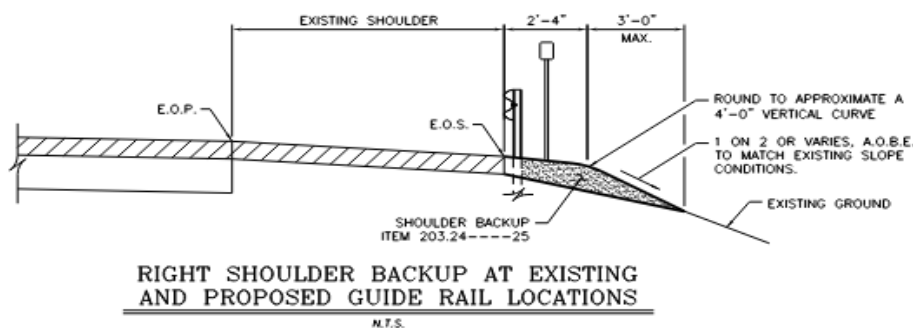


**ITEM NUMBER :** 203.24000025

**ITEM DESCRIPTION :** Shoulder Backup Material

**UNITS :** TON

Assume a 6" thick, 5'-4" wide cross section for the shoulder backup material that is used for any length (found in MicroStation and listed in Shoulder Backup table on MST-001) of pavement that is **NOT** adjacent to any curb or concrete barrier. Only free edges of pavements or guide rail lengths with no curb were looked at along the shoulder of the project limits.



Overall length of shoulder backup based on the lengths provided in the Shoulder Backup table on MST-001 : 10,397 FT

Cross sectional area assumptions from above: : 2.67 SF

Convert to CF : 27708 CF

4.04 The conversion factor will be 0.05 tons per cubic foot, loose measure, unless otherwise noted in the contract documents.

Convert to TON based on above description from special spec : 1385 TON

**TOTAL QUANTITY FOR ITEM 203.24000025 : 1,385 TON**



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SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY RM DATE: 09 / 18 / 25

CHKD MR DATE: 09 / 30 / 25  
BY

**ITEM NUMBER :** 206.03

**ITEM DESCRIPTION :** Conduit Excavation and Backfill Including Surface Restoration

**UNITS :** LF

Work required for Traffic Loops.

LOCATION

LENGTH

|           |                       |       |
|-----------|-----------------------|-------|
| MP 9.1 S  | Edge of Shoulder area | 25 LF |
| MP 11.5 N | Edge of Shoulder area | 25 LF |
| MP 11.5 S | Median area           | 10 LF |
| MP 12.8 N | Edge of Shoulder area | 25 LF |

Total

85 LF

**TOTAL QUANTITY FOR ITEM**

**206.03**

**:**

**90 LF**

**SAY**

ITEM NUMBER : 209.100101

ITEM DESCRIPTION : MULCH - TEMPORARY

UNITS : SY

Assume mulch goes on top of new top soil areas only

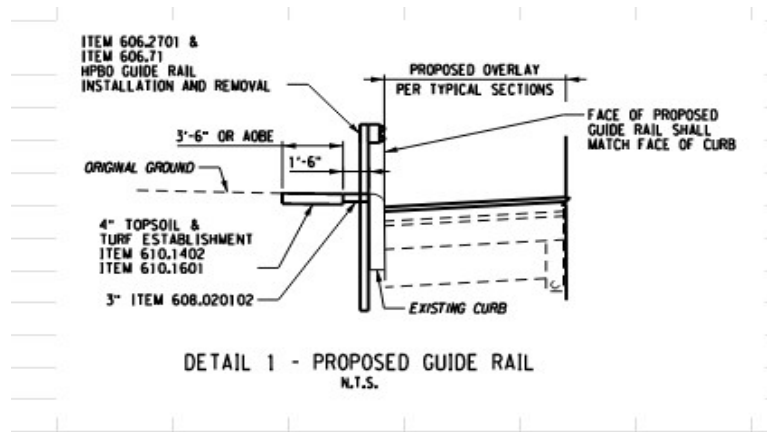
Minimum of 3.5' wide.

Assume the length of topsoil is equal to length of new barrier going in (606.2701 and 606.270101, per detail on this sheet) =  $4098 + 32 = 4130$

3.5' wide per Detail 1 on TYP-001 : 3.50 ft  
Length of proposed guiderail : 4130.00 ft  
convert to SY : 1606.1111 SY  
**SAY : 1610 SY**

**Total SY for this item is 1610**

50% contingency 1.5  
2415 SY



TOTAL QUANTITY FOR ITEM 209.100101 : 2,500 SY



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SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 09 / 30 / 25  
BY

ITEM NUMBER : 209.1003

ITEM DESCRIPTION : Seed and Mulch - Temporary

UNITS : SY

Using the totals found in this table for both the NB and SB directions : I:\Projects\01062-LK-I-95-Resurfacing\CADD\TABLES\MISC-TABLES\Guiderail and Conc Barrier Repair FINAL.xlsx

See Table MST-004 in the plan set

Also added quantity for areas called out by project owner.

Total quantity of as measured from MicroStation for the item is 375

|          |               |
|----------|---------------|
| NB       | 120 SY        |
| SB       | <u>180 SY</u> |
| subtotal | 300 SY        |
| Extra    | <u>500 SY</u> |

TOTAL 800 SY

TOTAL QUANTITY FOR ITEM 209.1003 : 800 SY



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SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 09/30/25  
BY

**ITEM NUMBER :** 209.13

**ITEM DESCRIPTION :** Silt Fence - Temporary

**UNITS :** LF

Sum of total linear feet of silt fence is 18,900.

Table shown in contract plans.

| EROSION CONTROL |                 |            |            |              |                 |            |            |       |                        |                        |
|-----------------|-----------------|------------|------------|--------------|-----------------|------------|------------|-------|------------------------|------------------------|
| BEGIN           |                 |            |            | END          |                 |            |            | SIDE  | ITEM<br>209.13<br>(LF) | ITEM<br>209.22<br>(SY) |
| APPROX. MP      | APPROX. STATION | NORTHING   | EASTING    | APPROX. MP   | APPROX. STATION | NORTHING   | EASTING    |       |                        |                        |
| MP NE 8.913     | 285+11.19       | 771605.164 | 699952.229 | MP NE 9.209  | 300+64.37       | 772972.061 | 700699.939 | LEFT  | 1,555                  |                        |
| MP NE 9.698     | 326+32.74       | 775292.794 | 701726.521 | MP NE 9.809  | 331+91.14       | 775887.716 | 702005.623 | LEFT  | 560                    |                        |
| MP NE 10.256    | 355+25.90       | 776710.204 | 703710.818 | MP NE 10.369 | 361+28.75       | 777161.717 | 704613.297 | LEFT  | 605                    |                        |
| MP NE 10.381    | 361+91.26       | 777201.943 | 704659.888 | MP NE 10.451 | 365+66.73       | 777451.668 | 704931.900 | LEFT  | 380                    |                        |
| MP NE 10.820    | 385+37.87       | 779139.361 | 705840.716 | MP NE 11.522 | 421+54.35       | 781255.818 | 708412.133 | LEFT  | 3,620                  |                        |
| MP NE 11.547    | 422+85.19       | 781257.857 | 708544.209 | MP NE 11.652 | 428+34.83       | 781235.788 | 709099.053 | LEFT  | 550                    |                        |
| MP NE 12.118    | 452+94.23       | 781015.946 | 711528.762 | MP NE 12.472 | 471+82.29       | 781808.488 | 713182.547 | LEFT  | 1,890                  |                        |
| RAMP PBC        | PBC 2+83.62     | 781899.656 | 713337.666 | RAMP PBC     | PBC 2+79.62     | 781855.434 | 713280.558 | RIGHT | 1,200                  | 200                    |
| RAMP PC         | PC 11+81.43     | 782287.764 | 713679.136 | RAMP PC      | PC 9+32.77      | 782353.949 | 713456.956 | RIGHT | 250                    |                        |
|                 | PC 12+81.43     | 782326.325 | 713787.045 |              | PC 10+44.84     | 782374.422 | 713567.439 | LEFT  | 240                    |                        |
| MP NE 12.798    | 488+98.42       | 782882.382 | 714502.818 | MP NE 12.840 | 491+23.26       | 783030.290 | 714672.540 | LEFT  | 225                    |                        |
| MP NE 12.937    | 498+53.95       | 783423.811 | 715298.752 | MP NE 12.974 | 500+43.47       | 783549.655 | 715440.469 | RIGHT | 190                    |                        |
| MP NE 10.812    | 384+06.73       | 778983.833 | 705917.337 | MP NE 11.483 | 421+34.05       | 781140.370 | 708396.054 | RIGHT | 3,730                  |                        |
| MP NE 11.518    | 423+08.41       | 781130.777 | 708568.563 | MP NE 11.564 | 425+50.36       | 781139.358 | 708807.481 | RIGHT | 245                    |                        |
| MP NE 11.655    | 431+06.79       | 781090.380 | 709356.072 | MP NE 11.834 | 441+10.91       | 780953.638 | 710350.836 | RIGHT | 1,005                  |                        |
| MP NE 12.034    | 451+45.89       | 780869.226 | 711395.117 | MP NE 12.434 | 472+21.79       | 781623.299 | 713358.112 | RIGHT | 2,080                  |                        |
| MP NE 12.452    | 473+17.02       | 781695.068 | 713424.305 | MP NE 12.562 | 478+88.59       | 782075.574 | 713864.107 | RIGHT | 575                    |                        |
| TOTAL           |                 |            |            |              |                 |            |            |       | 18,900                 | 200                    |

**TOTAL QUANTITY FOR ITEM 209.13 : 18,900 LF**



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JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 09 / 30 / 25  
BY

**ITEM NUMBER :** 209.1702

**ITEM DESCRIPTION :** Drainage Structure Inlet Protection, Gravel Bag-Temporary

**UNITS :** CY

Using the totals found in this table which assumes there is only gravel bags for drainage structures that are within the full slab replacement areas within the bridge limits only: I:\Projects\01062-LK-I-95-Resurfacing\CADD\TABLES\MISC-TABLES\Drainage Table.xlsx

Refer to QTY shown on Drainage Table on sheets MST-005 to MST-008

Total assumed for project is 150 CY of material for all locations. Used as needed.

**TOTAL QUANTITY FOR ITEM      209.1702      :      150 CY**





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SHEET NO. 1 OF 1

BY KT DATE: 09 / 30 / 25

CHKD MR DATE: 09 / 30 / 25  
BY

ITEM NUMBER : 209.2103

ITEM DESCRIPTION : SOIL STABILIZERS, CLASS IV TYPE C

UNITS : SY

Assume a total area of 150ft x 150ft for this item = 22500SF = 2500 SY

TOTAL QUANTITY FOR ITEM 209.2103 : 2,500 SY



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SHEET NO. 1 OF 1

BY KT DATE: 10 / 1 / 25

CHKD PJP BY BY DATE: 10 / 1 / 25

ITEM NUMBER : 304.12

ITEM DESCRIPTION : Subbase Course, TYPE 2

UNITS : CY

#### FULL DEPTH ASPHALT SHOULDER PAVEMENT REPAIRS

See MST-001 for volumes

6" subbase for NB and SB FD repair areas in  
shoulders (per MST-001) : 10 CY

#### CONCRETE SLAB REPLACEMENT

See MicroStation File: I:\Projects\01062-LK-I-95-Resurfacing\ENGINEERING\Cost Estimates\FINAL PSE Estimate\Estimate DGNs\  
Estimate\_Conc Lift Out at Bridges Revised for Aspect and Splice-5.dgn

|                                |              |   |           |
|--------------------------------|--------------|---|-----------|
| Area [SF] Nelson and Harrison: | 98,364.60 SF | = | 10,930 SY |
| Area [SF] South Road:          | 43,577.03 SF | = | 4,842 SY  |
| Area [SF] Central Avenue:      | 29,902.44 SF | = | 3,323 SY  |

| Area [SF] Individual Slab<br>Replacements for Pavement<br>Repairs (10.8 to 13.0): | # Slabs | Assumed AVG<br>size 13' x 18' |     |   |           |            |
|-----------------------------------------------------------------------------------|---------|-------------------------------|-----|---|-----------|------------|
|                                                                                   | 84      | x                             | 234 | = | 19,656 SF | = 2,184 SY |
|                                                                                   |         |                               |     |   | TOTAL =   | 21,279 SY  |

ESTIMATE 2" OF SUBBASE BELOW NEW CONCRETE SLABS WILL BE REMOVED AND REPLACED = 2" = 0.056 YD

|                                                    |             |
|----------------------------------------------------|-------------|
| TOTAL VOLUME OF SUBBASE UNDER NEW CONCRETE SLABS = | 1,182.17 CY |
| 20% contingency                                    | 236.43 CY   |
| Total                                              | 1,419 CY    |

TOTAL QUANTITY FOR ITEM 304.12 : 1,430 CY



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SHEET NO. 1 OF 1

BY CC DATE: 07 / 22 / 25

CHKD PJP DATE: 09 / 30 / 25  
BY

**ITEM NUMBER :** 402.25020018

**ITEM DESCRIPTION :** Saw & Sealing Joints in New HMA Overlays using Hot Applied Sealant

**UNITS :** LF

Lengths measured (in Microstation) within each work limit as shown below.

|                                                       |               |
|-------------------------------------------------------|---------------|
| Southbound Sawcuts In Mill & Inlay Areas to the South | 11,700.016 LF |
| Southbound Sawcuts In Overlay Areas to the North      | 29,899.778 LF |
| Northbound Sawcuts In Overlay Areas to the North      | 30,429.892 LF |
| TOTAL:                                                | 72,029.686 LF |

**TOTAL QUANTITY FOR ITEM    402.25020018    :**    **72,030 LF**



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SHEET NO. 1 OF 1

BY CC DATE: 07 / 23 / 25

CHKD PJP DATE: 09 / 30 / 25 BY

ITEM NUMBER : 404.0001

ITEM DESCRIPTION : Plant Production Quality Adjustment to Asphalt Items

UNITS : QU

See EB 24-027 - Region 8 - Index Price = \$120/Quality Unit - note EB 25-019 is for lettings after 1/2026

[EI EB DOC DETAILS](#)

See - NYSDOT Comprehensive Pavement Manual -6.2.10 - Quality Adjustment Items

[chapter6.pdf](#)

**1. Plant Quality Adjustment:** The quality units for plant production adjustments are computed from the total tonnage of asphalt items in the contract eligible for plant quality adjustment. To estimate the total quality units for plant production for the contract, multiply the tons of asphalt mixture for each asphalt pay item by the maximum quality adjustment factor of **0.05**, then add all the estimated plant production quality units and enter this total into a plant quality pay item.

See NYSDOT Specifications 404

[2025 1 specs usc vol2.pdf](#)

|                                                       |             |
|-------------------------------------------------------|-------------|
| Top Course Quantity (See backup for Item 404.0951)    | 19,590 TONS |
| Binder Course Quantity (See backup for Item 404.1259) | 14,175 TONS |
| Base Course Quantity (See backup for Item 404.3789)   | 30 TONS     |
| T&L Course Quantity (See backup for Item 404.0189)    | 15 TONS     |
| Shim Course Quantity (See backup for Item 404.0589)   | 40 TONS     |
| TOTAL:                                                | 33,850 TONS |

|             |   |      |   |          |   |       |
|-------------|---|------|---|----------|---|-------|
| 33,850 TONS | X | 0.05 | = | 1,692.50 | ~ | 1,700 |
|-------------|---|------|---|----------|---|-------|

TOTAL QUANTITY FOR ITEM 404.0001 : 1,700 QU



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SHEET NO. 1 OF 1

BY CC DATE: 07 / 28 / 25

CHKD PJP DATE: 09 / 30 / 25  
BY

ITEM NUMBER : 404.0002

ITEM DESCRIPTION : Pavement Density Quality Adjustment to Asphalt Items

UNITS : QU

See EB 24-027 - Region 8 - Index Price = \$120/Quality Unit - note EB 25-019 is for lettings after 1/2026

[EI EB DOC DETAILS](#)

See - NYSDOT Comprehensive Pavement Manual -6.2.10 - Quality Adjustment Items

[chapter6.pdf](#)

## 2. Density Quality Adjustment:

a. **50 Series Compaction:** The quality units for 50 series pavement density adjustments are computed from the top and binder course tonnage on the traveled lanes and ramps longer than 1500 feet. Shoulders, tapers, maintenance crossovers, etc., are not subject to QAFs. To estimate the total quality units for 50 series compaction items for the contract, multiply the tons of asphalt mixture for each asphalt pay item by the maximum quality adjustment factor of **0.05**, then add all the estimated pavement density quality units and enter this total into a density quality pay item.

b. **60 Series Compaction:** There is no incentive for 60-series compaction, therefore the designer will enter 1 quality unit in the estimate for projects with 60-series compaction only. There may, however, be a disincentive, and adjustment will be made based on the current quality index price for that region.

See NYSDOT Specifications 404

[2025 1 specs usc vol2.pdf](#)

The only items with 50 Series compaction courses of asphalt are the top course and binder course.

There are no items with 60 Series compaction included in this project.

|                                                       |                    |
|-------------------------------------------------------|--------------------|
| Top Course Quantity (See backup for Item 404.0951)    | 19,590 TONS        |
| Binder Course Quantity (See backup for Item 404.1259) | 14,160 TONS        |
| <b>TOTAL:</b>                                         | <b>33,750 TONS</b> |

33,750 TONS X 0.05 = 1,687.50 ~ 1,690

**TOTAL QUANTITY FOR ITEM 404.0002 : 1,690 QU**



**ENGINEERING  
EXCELLENCE  
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1 AERIAL WAY  
SYOSSET, N.Y. 11791  
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FAX: (516) 931-6344

PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1

BY: MR DATE: 07 / 28 / 25

CHKD: EJP DATE: 09/30 /25  
BY

ITEM NUMBER : 404.0003

ITEM DESCRIPTION : Pavement Density Quality Adjustment to Asphalt Items

UNITS : QU

See EB 24-027 - Region 8 - Index Price = \$120/Quality Unit - note EB 25-019 is for lettings after 1/2026

[EI EB DOC DETAILS](#)

See - [NYS DOT Comprehensive Pavement Manual -6.2.10 - Quality Adjustment Items](#)

[chapter6.pdf](#)

## 2. Density Quality Adjustment:

c. **Longitudinal Joint:** The quality units for longitudinal joint density adjustments are computed from the top course centerline miles on the mainline only for 50 and 60-series compaction. There is no density adjustment for longitudinal joints between lanes which are constructed using echelon paving. The maximum quality unit for longitudinal joint density adjustment is 4 quality units per segment. A segment is equal to one tenth of a mile of a longitudinal joint. To estimate the total quality units for longitudinal joint density adjustments for the project, first determine the project length in centerline miles and the number of lanes and then use the equation below and enter this total into a longitudinal joint density quality pay item. For projects with a divided highway, the designer shall calculate quality units with the equation below using the number of lanes in one direction and then multiplying the resulting quality units by 2 to estimate the total number of longitudinal joint quality units for the contract and enter this total into a longitudinal joint density quality pay item.

**Number of Quality Units (QU) = (Number of Lanes – 1) x 40 x Project Length (miles)**

If the total project length is less than 1500 feet, then the designer does not have to enter a quality adjustment item number.

See *NYS DOT Specifications 404*

[2025 1 specs usc vol2.pdf](#)

The only items with 50 Series compaction courses of asphalt are the top course and binder course.

There are no items with 60 Series compaction included in this project.

This item is applicable for the Top Course of Asphalt

Southern Section of the Project (SB Mainline Only)

|                  |   |                 |           |      |                  |
|------------------|---|-----------------|-----------|------|------------------|
| Number of Lanes: | 3 | Project Length: | 10,760 LF | =    | 2.04 Miles       |
| 3                | - | 1               | x         | 40 x | 2.04 = 163.04 QU |

Northern Section of the Project (NB & SB Mainline)

|                  |   |                 |           |      |                  |
|------------------|---|-----------------|-----------|------|------------------|
| Number of Lanes: | 6 | Project Length: | 11,712 LF | =    | 2.22 Miles       |
| 6                | - | 1               | x         | 40 x | 2.22 = 443.64 QU |

**TOTAL QUANTITY FOR ITEM 404.0003 : 610 QU**





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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD PJP DATE: 09 / 30 / 25  
BY

ITEM NUMBER : 404.0189

ITEM DESCRIPTION : Truing & Leveling F9, Asphalt, 80 Series Compaction

UNITS : TON

**ASSUME A NOMINAL AMOUNT OF 15 TON**

**TOTAL QUANTITY FOR ITEM      404.0189      :      15 TON**



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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY: KT DATE: 09 / 26 / 25

CHKD. MR DATE: 09 / 30 / 25  
BY

ITEM NUMBER : 404.0589

ITEM DESCRIPTION : SHIM COURSE F9, ASPHALT

UNITS : TON

ASSUME 40 TONS NOMINAL AMOUNT

TOTAL QUANTITY FOR ITEM 404.0589 : 40 TON



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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 11/17/25

CHKD. PJP DATE: 11/20/25  
BY

**ITEM NUMBER :** 404.0951

**ITEM DESCRIPTION :** 9.5 F1 Top Course Asphalt , 50 Series Compaction

**UNITS :** TON

Calculate quantities based on areas of paving along I-95 Mainline

| LOCATION | DIRECTION<br>OF TRAVEL | STATIONS |        | AREA       |           | PAVMT<br>THICKNESS<br>[IN] | QTY<br>[TONS] |
|----------|------------------------|----------|--------|------------|-----------|----------------------------|---------------|
|          |                        | BEGIN    | END    | SF         | SY        |                            |               |
| AREA 1   | NB                     |          |        |            |           |                            |               |
| AREA 2   | NB                     | 382+99   | 421+33 | 183,665.72 | 20,407.30 | 1.5"                       | 1,801         |
| AREA 3   | NB                     | 430+36   | 446+70 | 74,125.11  | 8,236.12  | 1.5"                       | 727           |
| AREA 4   | NB                     | 448+49   | 496+02 | 276,486.33 | 30,720.70 | 1.5"                       | 2,711         |
|          |                        |          |        |            |           |                            |               |
| AREA 1   | SB                     | 276+00   | 384+05 | 590,786.00 | 65,642.89 | 2"                         | 7,723         |
| AREA 2   | SB                     | 384+05   | 421+30 | 204,102.43 | 22,678.05 | 1.5"                       | 2,001         |
| AREA 3   | SB                     | 430+25   | 446+72 | 72,000.75  | 8,000.08  | 1.5"                       | 706           |
| AREA 4   | SB                     | 448+53   | 495+78 | 244,902.34 | 27,211.37 | 1.5"                       | 2,401         |

SUBTOTAL 18,070 TONS

Calculate quantities based on areas of paving along I-95 Ramps

| LOCATION | STATIONS |       | AREA      |          | PAVMT<br>THICKNESS<br>[IN] | QTY<br>[TONS] |
|----------|----------|-------|-----------|----------|----------------------------|---------------|
|          | BEGIN    | END   | SF        | SY       |                            |               |
| RAMP MC  | 10+04    | 12+24 | 6,711.95  | 745.77   | 2"                         | 88            |
| RAMP PE  | 17+00    | 24+03 | 17,925.10 | 1,991.68 | 2"                         | 234           |
| RAMP PD  | 0+39     | 2+00  | 4,576.03  | 508.45   | 2"                         | 60            |
| RAMP PBC | 0+34     | 7+48  | 34,412.30 | 3,823.59 | 2"                         | 450           |
| RAMP PB  | 7+48     | 12+63 | 18,385.07 | 2,042.79 | 2"                         | 240           |
| RAMP PC  | 7+48     | 13+63 | 13,357.56 | 1,484.17 | 2"                         | 175           |

SUBTOTAL 1,247 TONS

TOTAL 19,317 TONS

**TOTAL QUANTITY FOR ITEM 404.0951 : 19,320 TON**



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1  
BY KT DATE: 11/17/25  
CHKD PJP DATE: 11/20/25  
BY

**ITEM NUMBER :** 404.1259

**ITEM DESCRIPTION :** 12.5 F9 Binder Course Asphalt , 50 Series Compaction

**UNITS :** TON

Calculate quantities based on areas of paving along I-95 Mainline

| LOCATION | DIRECTION<br>OF TRAVEL | STATIONS |        | AREA       |           | PAVMT<br>THICKNESS<br>[IN] | QTY<br>[TONS] |
|----------|------------------------|----------|--------|------------|-----------|----------------------------|---------------|
|          |                        | BEGIN    | END    | SF         | SY        |                            |               |
| AREA 1   | NB                     |          |        |            |           |                            |               |
| AREA 2   | NB                     | 382+99   | 421+33 | 183,665.72 | 20,407.30 | 2.0"                       | 2,405         |
| AREA 3   | NB                     | 430+36   | 446+70 | 74,125.11  | 8,236.12  | 2.0"                       | 970           |
| AREA 4   | NB                     | 448+49   | 496+02 | 276,486.33 | 30,720.70 | 2.0"                       | 3,615         |
|          |                        |          |        |            |           |                            |               |
| AREA 1   | SB                     | 276+00   | 384+05 | 590,786.00 | 65,642.89 | 0.0"                       | 0             |
| AREA 2   | SB                     | 384+05   | 421+30 | 204,102.43 | 22,678.05 | 2.0"                       | 2,670         |
| AREA 3   | SB                     | 430+25   | 446+72 | 72,000.75  | 8,000.08  | 2.0"                       | 945           |
| AREA 4   | SB                     | 448+53   | 495+78 | 244,902.34 | 27,211.37 | 2.0"                       | 3,205         |

SUBTOTAL 13,810 TONS

Calculate quantities based on areas of paving along I-95 Ramps

| LOCATION | STATIONS |       | AREA |      | PAVMT<br>THICKNESS<br>[IN] | QTY<br>[TONS] |
|----------|----------|-------|------|------|----------------------------|---------------|
|          | BEGIN    | END   | SF   | SY   |                            |               |
| RAMP MC  | 10+04    | 12+24 |      | 0.00 | 2.0"                       | 0             |
| RAMP PE  | 17+00    | 24+03 |      | 0.00 | 2.0"                       | 0             |
| RAMP PD  | 0+39     | 2+00  |      | 0.00 | 2.0"                       | 0             |
| RAMP PBC | 0+34     | 7+48  |      | 0.00 | 2.0"                       | 0             |
| RAMP PB  | 7+48     | 12+63 |      | 0.00 | 2.0"                       | 0             |
| RAMP PC  | 7+48     | 13+63 |      | 0.00 | 2.0"                       | 0             |

SUBTOTAL 0 TONS

TOTAL 13,810 TONS

**TOTAL QUANTITY FOR ITEM 404.1259 : 13,810 TON**



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 26 / 25

CHKD PJP DATE: 09 / 30 / 25 BY

ITEM NUMBER : 404.3789

ITEM DESCRIPTION : 37.5 F9 Base Course Asphalt, 80 Series Compaction

UNITS : TON

FULL DEPTH ASPHALT PAVEMENT REPAIR IN SHOULDERS (MP 10.8 TO 13.0)

*See Table of Full Depth Asphalt Pavement Repairs on DWG MST-001 of the plans*

NORTHBOUND : 15.0 TON

SOUTHBOUND : 13.0 TON

28.0 TON

TOTAL QUANTITY FOR ITEM 404.3789 : 30 TON



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - October 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 26 / 25

CHKD MR DATE: 11 / 20 / 25  
BY

ITEM NUMBER : 407.0103

ITEM DESCRIPTION : Straight Tack Coat

UNITS : GAL

Calculate quantities based on areas of paving along I-95 Mainline

| LOCATION | DIRECTION<br>OF TRAVEL | STATIONS |        | AREA       |           | NEW<br>PAVMT<br>LAYERS | APPLICATION<br>RATE<br>[GAL/SY] | NO. APPLICATIONS | QTY<br>[GALS] |
|----------|------------------------|----------|--------|------------|-----------|------------------------|---------------------------------|------------------|---------------|
|          |                        | BEGIN    | END    | SF         | SY        |                        |                                 |                  |               |
| AREA 1   | NB                     |          |        |            |           |                        |                                 |                  |               |
| AREA 2   | NB                     | 382+99   | 421+33 | 183,665.72 | 20,407.30 | 2                      | 0.04                            | 2                | 1,633         |
| AREA 3   | NB                     | 430+36   | 446+70 | 74,125.11  | 8,236.12  | 2                      | 0.04                            | 2                | 659           |
| AREA 4   | NB                     | 448+49   | 496+02 | 276,486.33 | 30,720.70 | 2                      | 0.04                            | 2                | 2,458         |
|          |                        |          |        |            |           |                        |                                 |                  |               |
| AREA 1   | SB                     | 276+00   | 384+05 | 590,786.00 | 65,642.89 | 2                      | 0.04                            | 2                | 5,252         |
| AREA 2   | SB                     | 384+05   | 421+30 | 204,102.43 | 22,678.05 | 2                      | 0.04                            | 2                | 1,815         |
| AREA 3   | SB                     | 430+25   | 446+72 | 72,000.75  | 8,000.08  | 2                      | 0.04                            | 2                | 641           |
| AREA 4   | SB                     | 448+53   | 495+78 | 244,902.34 | 27,211.37 | 2                      | 0.04                            | 2                | 2,177         |

SUBTOTAL 14,635 GALS

Calculate quantities based on areas of paving along I-95 Ramps

| LOCATION | STATIONS |       | AREA      |          | NEW<br>PAVMT<br>LAYERS | APPLICATION<br>RATE<br>[GAL/SY] | NO. APPLICATIONS | QTY<br>[GALS] |
|----------|----------|-------|-----------|----------|------------------------|---------------------------------|------------------|---------------|
|          | BEGIN    | END   | SF        | SY       |                        |                                 |                  |               |
| RAMP MC  | 10+04    | 12+24 | 6,711.95  | 745.77   | 1                      | 0.04                            | 1                | 30            |
| RAMP PE  | 17+00    | 24+03 | 17,925.10 | 1,991.68 | 1                      | 0.04                            | 1                | 80            |
| RAMP PD  | 0+39     | 2+00  | 4,576.03  | 508.45   | 1                      | 0.04                            | 1                | 21            |
| RAMP PBC | 0+34     | 7+48  | 34,412.30 | 3,823.59 | 1                      | 0.04                            | 1                | 153           |
| RAMP PB  | 7+48     | 12+63 | 18,385.07 | 2,042.79 | 1                      | 0.04                            | 1                | 82            |
| RAMP PC  | 7+48     | 13+63 | 13,357.56 | 1,484.17 | 1                      | 0.04                            | 1                | 60            |

SUBTOTAL 426 GALS

TOTAL 15,061 GALS

TOTAL QUANTITY FOR ITEM 407.0103 : 15,500 GAL





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1 AERIAL WAY  
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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY: KT DATE: 09 / 26 / 25

CHKD: PJP DATE: 11 / 20 / 25 BY

ITEM NUMBER : 418.7603

ITEM DESCRIPTION : Asphalt Pavement Joint Adhesive

UNITS : LF

See DWGs MST-002 & MST-003 for tables related to this item.

Asphalt Pavement Joint Adhesive is used for asphalt to asphalt joints, so it will be used wherever asphalt overlays or inlays are provided. We will assume a minimum of 4 joints for the length of each section of asphalt will require Asphalt Pavement Joint Adhesive on the mainline and 3 joints on the ramps.

ESTIMATE LENGTH OF JOINTS ALONG ASPHALT AREAS

|        | STATIONS   |        |            |        | LENGTH |        | NO. OF<br>LONGITUDINAL JOINTS |    | TOTAL LENGTH |        |
|--------|------------|--------|------------|--------|--------|--------|-------------------------------|----|--------------|--------|
|        | NORTHBOUND |        | SOUTHBOUND |        |        |        |                               |    |              |        |
|        | BEGIN      | END    | BEGIN      | END    | NB     | SB     | NB                            | SB | NB           | SB     |
| AREA 1 |            |        | 276+00     | 384+05 | 0      | 10,805 | 4                             | 4  | 0            | 43,220 |
| AREA 2 | 382+99     | 421+33 | 384+05     | 421+30 | 3,834  | 3,725  | 4                             | 4  | 15,336       | 14,900 |
| AREA 3 | 430+36     | 446+70 | 430+25     | 446+72 | 1,634  | 1,647  | 4                             | 4  | 6,536        | 6,588  |
| AREA 4 | 448+49     | 496+02 | 448+53     | 495+78 | 4,753  | 4,725  | 4                             | 4  | 19,012       | 18,900 |
|        |            |        |            |        |        |        |                               |    |              |        |
|        |            |        |            |        |        |        |                               |    | 40,884       | 83,608 |

|          | STATIONS |       |  |  | LENGTH |  | NO. OF<br>LONGITUDINAL JOINTS |  | TOTAL LENGTH |  |
|----------|----------|-------|--|--|--------|--|-------------------------------|--|--------------|--|
|          | RAMPS    |       |  |  |        |  |                               |  |              |  |
|          | BEGIN    | END   |  |  |        |  |                               |  |              |  |
| RAMP MC  | 10+04    | 12+24 |  |  | 220    |  | 3                             |  | 660          |  |
| RAMP PE  | 17+00    | 24+03 |  |  | 703    |  | 3                             |  | 2,109        |  |
| RAMP PD  | 0+39     | 2+00  |  |  | 161    |  | 3                             |  | 483          |  |
| RAMP PBC | 0+34     | 7+48  |  |  | 714    |  | 3                             |  | 2,142        |  |
| RAMP PB  | 7+48     | 12+63 |  |  | 515    |  | 3                             |  | 1,545        |  |
| RAMP PC  | 7+48     | 13+63 |  |  | 615    |  | 3                             |  | 1,845        |  |
|          |          |       |  |  |        |  |                               |  | 8,784        |  |

133,276 LF

TOTAL QUANTITY FOR ITEM 418.7603 : 140,000 LF



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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 10 /09/ 25  
BY

ITEM NUMBER : 490.10

ITEM DESCRIPTION : Production Cold Milling of Bituminous Concrete

UNITS : SY

Total quantity of this item is 76,815.

MILLING OF ASPHALT I-95 MAINLINE, MAMARONECK AVENUE RAMPS, AND PLAYLAND PARKWAY RAMPS

| LOCATION | START MILE<br>MARKER | APPROXIMATE<br>BEGIN STATION | END MILE<br>MARKER | APPROXIMATE<br>END STATION | APPROXIMATE<br>LENGTH<br>(FT) | APPROXIMATE<br>AVG. WIDTH<br>(FT) | AREA<br>(SF) | TOTAL OF<br>ITEM 490.10<br>(SY) |
|----------|----------------------|------------------------------|--------------------|----------------------------|-------------------------------|-----------------------------------|--------------|---------------------------------|
| MAINLINE | MP NE 8.740          | 276+01                       | MP NE 10.795       | 384+04                     | 10,805                        | 54.5                              | 590,786.0    | 65,645.0                        |
| MAINLINE | MP NE 10.773         | 382+74                       | MP NE 10.806       | 383+74                     | 100                           | 50.5                              | 5,033.0      | 560.0                           |
| RAMP MC  |                      | MC 10+04                     |                    | MC 12+24                   | 220                           | 30.5                              | 6,711.9      | 750.0                           |
| RAMP PE  |                      | PE 17+00                     |                    | PE 24+03                   | 705                           | 25.5                              | 17,925.1     | 1,995.0                         |
| RAMP PD  |                      | PD 0+39                      |                    | PD 2+00                    | 165                           | 27.5                              | 4,576.0      | 510.0                           |
| RAMP PBC |                      | PBC 7+48                     |                    | PBC 0+34                   | 715                           | 48.0                              | 34,412.3     | 3,825.0                         |
| RAMP PB  |                      | PB 12+63                     |                    | PB 7+48                    | 520                           | 25.5                              | 13,357.6     | 1,485.0                         |
| RAMP PC  |                      | PC 13+63                     |                    | PC 7+48                    | 620                           | 29.5                              | 18,385.1     | 2,045.0                         |
| TOTAL    |                      |                              |                    |                            | 13,850                        |                                   | 691,187.0    | 76,815                          |

TOTAL QUANTITY FOR ITEM 490.10 : 76,815 SY



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 09 / 30 / 25  
BY

**ITEM NUMBER :** 490.30

**ITEM DESCRIPTION :** Miscellaneous Cold Milling of Bituminous Concrete

**UNITS :** SY

This applies to mill and inlay areas at 2 bridge locations, I-95 over Fenimore Rd and Mamaroneck Ave.

Width of Mamaroneck Ave : 65 LF  
Length of Mamaroneck Ave : 220 LF (include 5' aprr pavement)

Area to be Milled - Mamaroneck Ave : 14,300 SF

Area to be Milled - Mamaroneck Ave : 1,589 SY

Width of Fenimore Rd : 50 LF  
Length of Fenimore Rd : 130 LF (include 5' aprr pavement)

Area to be Milled - Fenimore Rd : 6,500 SF

Area to be Milled - Fenimore Rd : 722 SY

SubTotal : 2311 SY

5% : 116 SY

Total Quantity for 490.20 : 2427 SY

SAY : 2450 SY

**TOTAL QUANTITY FOR ITEM 490.30 : 2,450 SY**



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 09 / 30 / 25  
BY

**ITEM NUMBER :** 490.40

**ITEM DESCRIPTION :** Miscellaneous Cold Milling of Portland Cement Concrete

**UNITS :** SY

This applies only in the areas where we are overlaying pavement (from MP NE 10.8- MP NE 13.0). Area for shoulders and median (beyond bottom width of conc. median)

Width of NB and SB shoulders (per TYP-002) : 10 ft

Avg width of median : 13.75 ft

Avg base width of conc. barrier in median : 2.5 ft

Avg width of median - width of conc. barrier : 11.25 ft

NB Legnth of Mainline: (STA 382+98.60 to 501+08.60) : 118+10.00 NB

SB Length of Mainline: (STA 384+05.16 to 501+23.43) : 117+18.27 SB

SF of NB shoulder and center median : 184,532 SF

SF of SB shoulder and center median : 183,098 SF

convert to SY

NB (SY) : 20,504 SY

SB (SY) : 20,345 SY

40,849 SY

Additional 15% for ramps, inconsistent shoulder widths, etc. : 6127.35 SY

Total Quantity for 490.40 : 46,977 SY

SAY : 47,000 SY

**TOTAL QUANTITY FOR ITEM 490.40 : 47,000 SY**



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - October 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1  
BY KT DATE: 10/1/25  
CHKD PJP DATE: 10/17/25  
BY

ITEM NUMBER : 502.15011225

ITEM DESCRIPTION : Precast Concrete Pavement Slabs

UNITS : CY

See DWGs MST-002 & MST-003 for tables related to this item.

|                      | PRECAST CONCRETE<br>PAVEMENT SLABS<br>ITEM 502.15011225<br>[CY] | FULL DEPTH<br>PORTLAND CEMENT<br>CONCRETE (PCC) LIFT-<br>OUT<br>ITEM 502.31011225<br>[SY] | SEALING TRANVERSE<br>JOINTS -<br>HIGHWAY JOINT<br>SEALER<br>ITEM 502.9210<br>[LF] | SEALING<br>LONGITUDINAL<br>JOINTS -<br>HIGHWAY JOINT<br>SEALER<br>ITEM 502.9310<br>[LF] | DRILL AND ANCHOR<br>DOWELS<br>FOR PCC PAVEMENT<br>REPAIRS<br>ITEM 510.81000018<br>[EA] | DRILL AND ANCHOR<br>TIES<br>FOR PCC PAVEMENT<br>REPAIRS<br>ITEM 510.81100018<br>[EA] |
|----------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|                      | 1,820                                                           | 5,460                                                                                     | 3,430                                                                             | 5,120                                                                                   | 2,290                                                                                  | 1,710                                                                                |
| NORTHBOUND           | 815                                                             | 2,445                                                                                     | 1,580                                                                             | 2,270                                                                                   | 1,055                                                                                  | 760                                                                                  |
|                      | 570                                                             | 1,705                                                                                     | 1,130                                                                             | 1,515                                                                                   | 755                                                                                    | 505                                                                                  |
| NB CONC PVMT REPAIRS | 440                                                             | 1,320                                                                                     | 1,320                                                                             | 1,875                                                                                   | 880                                                                                    |                                                                                      |
|                      | 1,855                                                           | 5,560                                                                                     | 3,475                                                                             | 5,105                                                                                   | 2,320                                                                                  | 1,705                                                                                |
| SOUTHBOUND           | 805                                                             | 2,410                                                                                     | 1,560                                                                             | 2,250                                                                                   | 1,040                                                                                  | 750                                                                                  |
|                      | 550                                                             | 1,640                                                                                     | 1,105                                                                             | 1,600                                                                                   | 740                                                                                    | 535                                                                                  |
| SB CONC PVMT REPAIRS | 195                                                             | 585                                                                                       | 585                                                                               | 830                                                                                     | 390                                                                                    |                                                                                      |
| <b>TOTAL</b>         | <b>7,050</b>                                                    | <b>21,125</b>                                                                             | <b>14,185</b>                                                                     | <b>20,565</b>                                                                           | <b>9,470</b>                                                                           | <b>5,965</b>                                                                         |

#### NORTHBOUND

Precast Slab Volume (CY) : 3,645 CY

Note: this includes the entire Northbound side and assumes a slab thickness of 12". The area provided is from the above table that was calculated from MicroStation.

#### SOUTHBOUND

Precast Slab Volume (CY) : 3,405 CY

Note: this includes the entire Southbound side and assumes a slab thickness of 12". The area provided is from the above table that was calculated from MicroStation.

**TOTAL QUANTITY FOR ITEM 502.15011225 : 7,050 CY**



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1 AERIAL WAY  
SYOSSET, N.Y. 11791  
PHONE: (516) 938-0600  
FAX: (516) 931-6344

PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - October 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1  
BY KT DATE: 10/1/25  
CHKD PJP DATE: 10/17/25 BY

ITEM NUMBER : 502.31011225

ITEM DESCRIPTION : Full Depth Portland Cement Concrete (PCC) Lift Out

UNITS : SY

See DWGs MST-001, MST-002 & MST-003 for tables related to this item.

|                      | PRECAST CONCRETE<br>PAVEMENT SLABS<br>ITEM 502.15011225<br>[CY] | FULL DEPTH<br>PORTLAND CEMENT<br>CONCRETE (PCC) LIFT<br>OUT<br>ITEM 502.31011225<br>[SY] | SEALING TRANSVERSE<br>JOINTS -<br>HIGHWAY JOINT<br>SEALER<br>ITEM 502.9210<br>[LF] | SEALING<br>LONGITUDINAL<br>JOINTS -<br>HIGHWAY JOINT<br>SEALER<br>ITEM 502.9310<br>[LF] | DRILL AND ANCHOR<br>DOWELS<br>FOR PCC PAVEMENT<br>REPAIRS<br>ITEM 510.81000018<br>[EA] | DRILL AND ANCHOR<br>TIES<br>FOR PCC PAVEMENT<br>REPAIRS<br>ITEM 510.81100018<br>[EA] |
|----------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|                      | 1,820                                                           | 5,460                                                                                    | 3,430                                                                              | 5,120                                                                                   | 2,290                                                                                  | 1,710                                                                                |
| NORTHBOUND           | 815                                                             | 2,445                                                                                    | 1,580                                                                              | 2,270                                                                                   | 1,055                                                                                  | 760                                                                                  |
|                      | 570                                                             | 1,705                                                                                    | 1,130                                                                              | 1,515                                                                                   | 755                                                                                    | 505                                                                                  |
| NB CONC PVMT REPAIRS | 440                                                             | 1,320                                                                                    | 1,320                                                                              | 1,875                                                                                   | 880                                                                                    |                                                                                      |
|                      | 1,855                                                           | 5,560                                                                                    | 3,475                                                                              | 5,105                                                                                   | 2,320                                                                                  | 1,705                                                                                |
| SOUTHBOUND           | 805                                                             | 2,410                                                                                    | 1,560                                                                              | 2,250                                                                                   | 1,040                                                                                  | 750                                                                                  |
|                      | 550                                                             | 1,640                                                                                    | 1,105                                                                              | 1,600                                                                                   | 740                                                                                    | 535                                                                                  |
| SB CONC PVMT REPAIRS | 195                                                             | 585                                                                                      | 585                                                                                | 830                                                                                     | 390                                                                                    |                                                                                      |
| <b>TOTAL</b>         | <b>7,050</b>                                                    | <b>21,125</b>                                                                            | <b>14,185</b>                                                                      | <b>20,565</b>                                                                           | <b>9,470</b>                                                                           | <b>5,965</b>                                                                         |

#### NORTHBOUND

Precast Slab Area (SY) : 10,930 SY

Note: this includes the entire Northbound side. The area provided is from the above table that was calculated from MicroStation.

#### SOUTHBOUND

Precast Slab Area (SY) : 10,195 SY

Note: this includes the entire Southbound side and assumes a slab thickness of 12". The area provided is from the above table that was calculated from MicroStation.

#### FULL DEPTH ASPHALT SHOULDER REPAIRS

From MST-001 : 53 SY

**TOTAL QUANTITY FOR ITEM 502.31011225 : 21,178 SY**





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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - October 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 10/1/25

CHKD PJP DATE: 10/17/25 BY

ITEM NUMBER : 510.81000018

ITEM DESCRIPTION : Drill and Anchor Dowels for PCC Pavement Repairs

UNITS : EA

See tables on MST-002 and MST-003 for quantities related to this item

|                          |                      | West Side | East Side          | Total Width | 8 dowels per 12' |
|--------------------------|----------------------|-----------|--------------------|-------------|------------------|
| Nelson and Harrison      | Transverse width SB  | 38.6 ft   | 38.8 ft            | 77.4 ft     | 52 dowels        |
|                          | Transverse width NB  | 38.3 ft   | 38.8 ft            | 77.1 ft     | 52 dowels        |
| South                    | Transverse width SB  | 39.0 ft   | 39.4 ft            | 78.4 ft     | 52 dowels        |
|                          | Transverse width NB  | 38.4 ft   | 38.3 ft            | 76.7 ft     | 52 dowels        |
| Central                  | Transverse width SB  | 38.7 ft   | 38.6 ft            | 77.3 ft     | 52 dowels        |
|                          | Transverse width NB  | 38.5 ft   | 38.2 ft            | 76.7 ft     | 52 dowels        |
| SB Concrete Pvmr Repairs | Number of free edges | 40        | 12.0 ft avg. width | 480.0 ft    | 320 dowels       |
| NB Concrete Pvmr Repairs | Number of free edges | 72        | 12.0 ft avg. width | 864.0 ft    | 580 dowels       |
|                          |                      |           |                    |             | 1212 dowels      |

total dowels : 1212

TOTAL QUANTITY FOR ITEM 510.81000018 : 1,212 EA



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - October 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1  
BY KT DATE: 10/1/25  
CHKD. PJP DATE: 10/17/25  
BY

ITEM NUMBER : 510.81100018

ITEM DESCRIPTION : Drill and Anchor Ties for PCC Pavement Repairs

UNITS : EA

*See table on MST-003 for quantities related to this item*

|                     |                        | North Side | South Side | Total Width | 5 ties per 15' |
|---------------------|------------------------|------------|------------|-------------|----------------|
| Nelson and Harrison | Longitudinal length SB | 1285.0 ft  | 1277.0 ft  | 2562.0 ft   | 854 ties       |
|                     | Longitudinal length NB | 1278.6 ft  | 1270.7 ft  | 2549.3 ft   | 850 ties       |
| South               | Longitudinal length SB | 553.5 ft   | 560.7 ft   | 1114.2 ft   | 372 ties       |
|                     | Longitudinal length NB | 568.9 ft   | 575.6 ft   | 1144.5 ft   | 382 ties       |
| Central             | Longitudinal length SB | 399.0 ft   | 399.0 ft   | 798.0 ft    | 266 ties       |
|                     | Longitudinal length NB | 378.0 ft   | 378.0 ft   | 756.0 ft    | 252 ties       |
|                     |                        |            |            |             | 2976 ties      |

total ties: 2976

TOTAL QUANTITY FOR ITEM 510.81100018 : 2,976 EA



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1  
BY KT DATE: 09 / 24 / 25  
CHKD\_MR DATE: 11 / 20 / 25  
BY

|                    |                                                             |
|--------------------|-------------------------------------------------------------|
| ITEM NUMBER :      | 604.070801                                                  |
| ITEM DESCRIPTION : | Altering Drainage Structures, Leaching Basins, and Manholes |
| UNITS :            | EA                                                          |

The total number of existing drainage structure to be reset is 154 based on the total number found on the Table provided on DWG's MST-005, MST-006, MST-007, and MST-008

Since a field inventory of the existing drainage structures within the project limits was not included in the scope of this project, it is assumed 80% (updated to 95%)of the existing drainage structure's frames and grates are in good condition and can be reset on the existing drainage structure and 20% (update to 5%) will be replaced with New Drainage Frames.

154 EA      X      95% =      146.3 =      147 EA

TOTAL QUANTITY FOR ITEM      604.070801      :      147 EA



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - July 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1  
BY CC DATE: 07 / 22 / 25  
CHKD MR DATE: 09 / 30 / 25

ITEM NUMBER : 604.07200110

ITEM DESCRIPTION : Setting New Drainage Frames on Existing Drainage Structures

UNITS : EA

View DRAINAGE TABLES in plans. The total number of existing drainage structures is 242.

Updated from Pre-PSE Comments - 10/5/2025

Since a field inventory of the existing drainage structures within the project limits was not included in the scope of this project, it is assumed 80% (updated to 95%) of the existing drainage structure's frames and grates are in good condition and can be reset on the existing drainage structure and 20% (update to 5%) will be replaced with New Drainage Frames.

242 EA      X      5% =      12.1 =      13 EA

say      15 EA

Assume 50% need new frames and grates      8 EA  
Material Cost NOT included - see 656.01

TOTAL QUANTITY FOR ITEM      604.07200110      :      8 EA



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FAX: (516) 931-6344

PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1  
BY KT DATE: 09 / 24 / 25  
CHKD MR DATE: 09 / 30 / 25

**ITEM NUMBER :** 604.07210110

**ITEM DESCRIPTION :** Resetting Existing Drainage Frames on Existing Drainage Structures

**UNITS :** EA

The total number of existing drainage structure to be reset is 154 based on the total number found in the table at this location: I:\Projects\01062-LK-I-95-Resurfacing\CADD\TABLES\MISC-TABLES\Drainage Table.xlsx

Refer to the Drainage Table on plan sheets MST-005 to MST-008

Updated from Pre-PSE Comments - 10/5/2025

Since a field inventory of the existing drainage structures within the project limits was not included in the scope of this project, it is assumed 80% (updated to 95%) of the existing drainage structure's frames and grates are in good condition and can be reset on the existing drainage structure and 20% (update to 5%) will be replaced with New Drainage Frames.

154 EA      X      95% =      146.3 =      147 EA

**TOTAL QUANTITY FOR ITEM      604.07210110      :      147 EA**



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - July 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1  
BY CC DATE: 07 / 22 / 25  
CHKD MR DATE: 9 / 24 / 25

ITEM NUMBER : 604.07610008

ITEM DESCRIPTION : Rebuilding Drainage Structures - top 5'

UNITS : EA

Estimate based on the total number of existing drainage structures is 242.  
Possible locations not identified.

Updated from Pre-PSE Comments - 10/5/2025

Since a field inventory of the existing drainage structures within the project limits was not included in the scope of this project, it is assumed 80% (updated to 95%) of the existing drainage structure's frames and grates are in good condition and can be reset on the existing drainage structure and 20% (update to 5%) will be replaced with New Drainage Frames.

242 EA      X      5% =      12.1 =      13 EA

|     |       |                    |
|-----|-------|--------------------|
| say | 15 EA | require<br>repairs |
|-----|-------|--------------------|

50% may require structure rebuilding

|      |                   |
|------|-------------------|
| 8 EA | Rebuild Structure |
|------|-------------------|

TOTAL QUANTITY FOR ITEM      604.07610008      :      8 EA



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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 9 /30/ 25  
BY

**ITEM NUMBER :** 606.26500005

**ITEM DESCRIPTION :** Box Beam Guide Railing Attached to Concrete Barrier

**UNITS :** LF

Using the totals found in this table for both the NB and SB directions (which includes the 25% extra for potential repairs): I:\Projects\01062-LK-I-95-Resurfacing\CADD\TABLES\MISC-TABLES\Guiderail and Conc Barrier Repair FINAL.xlsx

See Table MST-004 in the plan set

Total quantity of as measured from MicroStation for the item is 375

|              |                   |
|--------------|-------------------|
| NB           | 162 LF            |
| SB           | 729 LF            |
| subtotal     | 891 LF            |
| 25%          | 222.75            |
| <b>TOTAL</b> | <b>1113.75 LF</b> |

**TOTAL QUANTITY FOR ITEM 606.26500005 : 1,115 LF**



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PHONE: (516) 938-0600  
FAX: (516) 931-6344

PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 9/ 30/ 25  
BY

**ITEM NUMBER :** 606.2701

**ITEM DESCRIPTION :** HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING

**UNITS :** LF

Using the totals found in this table for both the NB and SB directions (which includes the 25% extra for potential repairs): I:\Projects\01062-LK-I-95-Resurfacing\CADD\TABLES\MISC-TABLES\Guiderail and Conc Barrier Repair FINAL.xlsx

See Table MST-004 in the plan set

Total quantity of as measured from MicroStation for the item is 375

|              |                  |
|--------------|------------------|
| NB           | 2514 LF          |
| SB           | 764 LF           |
| subtotal     | 3278 LF          |
| 25%          | 819.5            |
| <b>TOTAL</b> | <b>4097.5 LF</b> |

**TOTAL QUANTITY FOR ITEM 606.2701 : 4,100 LF**





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PHONE: (516) 938-0600  
FAX: (516) 931-6344

PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1  
BY KT DATE: 09 / 24 / 25  
CHKD MR DATE: 10 / 30 / 25  
BY

**ITEM NUMBER :** 606.270101  
**ITEM DESCRIPTION :** HPBO (Mod.) Corrugated Beam Guide Railing (Shop Curved)  
**UNITS :** LF

Using the totals found in this table for both the NB and SB directions (which includes the 25% extra for potential repairs): I:\Projects\01062-LK-I-95-Resurfacing\CADD\TABLES\MISC-TABLES\Guiderail and Conc Barrier Repair FINAL.xlsx

See Table MST-004 in the plan set

Total quantity of as measured from MicroStation for the item is 375

|              |                 |
|--------------|-----------------|
| NB           | 0 LF            |
| SB           | 25 LF           |
| subtotal     | 25 LF           |
| 25%          | 6.25            |
| <b>TOTAL</b> | <b>31.25 LF</b> |

**TOTAL QUANTITY FOR ITEM 606.270101 : 35 LF**



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PHONE: (516) 938-0600  
FAX: (516) 931-6344

PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1  
BY KT DATE: 09 / 24 / 25  
CHKD MR DATE: 9/ 30 /25  
BY

**ITEM NUMBER :** 606.2703  
**ITEM DESCRIPTION :** Anchorage Units for HPBO (Mod.) Corrugated Beam Guiderrailing  
**UNITS :** EA

Using the totals found in this table for both the NB and SB directions (which includes the 25% extra for potential repairs): I:\Projects\01062-LK-I-95-Resurfacing\CADD\TABLES\MISC-TABLES\Guiderrail and Conc Barrier Repair FINAL.xlsx

See Table MST-004 in the plan set

Total quantity of as measured from MicroStation for the item is 375

|              |                |
|--------------|----------------|
| NB           | 2 EA           |
| SB           | 1 EA           |
| subtotal     | 3 EA           |
| 25%          | 0.75           |
| <b>TOTAL</b> | <b>3.75 EA</b> |

**TOTAL QUANTITY FOR ITEM 606.2703 : 5 EA**



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1 AERIAL WAY  
SYOSSET, N.Y. 11791  
PHONE: (516) 938-0600  
FAX: (516) 931-6344

PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 10 / 1 / 25  
BY

**ITEM NUMBER :** 606.3042

**ITEM DESCRIPTION :** SINGLE-SLOPE CONCRETE MEDIAN BARRIER (PRECAST)

**UNITS :** LF

Using the totals found in this table for both the NB and SB directions (which includes the 25% extra for potential repairs): I:\Projects\01062-LK-I-95-Resurfacing\CADD\TABLES\MISC-TABLES\Guiderail and Conc Barrier Repair FINAL.xlsx

See Table MST-004 in the plan set

Total quantity of as measured from MicroStation for the item is 375

|              |              |
|--------------|--------------|
| NB           | 0 LF         |
| SB           | 60 LF        |
| subtotal     | 60 LF        |
| 25%          | 15           |
| <b>TOTAL</b> | <b>75 LF</b> |

**TOTAL QUANTITY FOR ITEM 606.3042 : 75 LF**



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PHONE: (516) 938-0600  
FAX: (516) 931-6344

PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 09 / 30 / 25  
BY

**ITEM NUMBER :** 606.5501

**ITEM DESCRIPTION :** Resetting Heavy Post Blocked-Out Corrugated Beam Guiderrailing (New  
12 Inch Blockouts)

**UNITS :** LF

Using the totals found in this table for both the NB and SB directions (which includes the 25% extra  
for potential repairs): I:\Projects\01062-LK-I-95-Resurfacing\CADD\TABLES\MISC-  
TABLES\Guiderail and Conc Barrier Repair FINAL.xlsx

See Table MST-004 in the plan set

Total quantity of as measured from MicroStation for the item is 375

|              |                   |
|--------------|-------------------|
| NB           | 152 LF            |
| SB           | <u>4281</u> LF    |
| subtotal     | 4433 LF           |
| 25%          | <u>1108.25</u>    |
| <b>TOTAL</b> | <b>5541.25 LF</b> |

**TOTAL QUANTITY FOR ITEM 606.5501 : 5,542 LF**



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1 AERIAL WAY  
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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1

BY: KT DATE: 09 / 24 / 25

CHKD: MR DATE: 09 / 30 / 25  
BY:

ITEM NUMBER : 606.57

ITEM DESCRIPTION : RESETTING PRECAST CONCRETE BARRIER

UNITS : LF

See Table MST-004 in the plan set

Total quantity of as measured from MicroStation for the item is 375

|              |              |
|--------------|--------------|
| NB           | 0 LF         |
| SB           | 40 LF        |
| subtotal     | 40 LF        |
| 25%          | 10           |
| <b>TOTAL</b> | <b>50 LF</b> |

Resetting at 2 locations in the Southbound Direction

|             | REPAIR<br>LOCATION<br>FROM<br>MST-004 | APPROXIMATE<br>STATION | APPROXIMATE<br>OFFSET | DESCRIPTION                                                                                                   |
|-------------|---------------------------------------|------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------|
| Location 1: | S-308                                 | 334+50                 | 76' LEFT              | RESET EXISTING CONCRETE BARRIER LOCATED<br>APPROXIMATELY 90' SOUTH OF RAMP MB OVER I-95                       |
| Location 2: | S-327                                 | PBC 2+90               | 24' LEFT              | RESET EXISTING CONCRETE BARRIER LOCATED ON RAMP<br>PBC (EB) APPROXIMATELY 10' WEST OF THE BRIDGE<br>OVER I-95 |

**TOTAL QUANTITY FOR ITEM 606.57 : 50 LF**



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1 AERIAL WAY  
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PHONE: (516) 938-0600  
FAX: (516) 931-6344

PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1  
BY KT DATE: 09 / 26 / 25  
CHKD MR DATE: 09 / 30 / 25  
BY

**ITEM NUMBER :** 606.7101

**ITEM DESCRIPTION :** REMOVING AND DISPOSING HEAVY POSTS BLOCKED-OUT (MOD.) CORRUGATED  
BEAM GUIDE RAILING

**UNITS :** LF

Addition of Items 606.2701 and 606.270101

See Table MST-004 in the plan set

Total quantity of as measured from MicroStation for the item is 375

|              |                   |
|--------------|-------------------|
| NB           | 2514 LF           |
| SB           | <u>789 LF</u>     |
| subtotal     | 3303 LF           |
| 25%          | <u>825.75</u>     |
| <b>TOTAL</b> | <b>4128.75 LF</b> |

**TOTAL QUANTITY FOR ITEM      606.7101      :      4,130 LF**



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1 AERIAL WAY  
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FAX: (516) 931-6344

PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 26 / 25

CHKD MR DATE: 10 / 1 / 25  
BY

ITEM NUMBER : 606.73

ITEM DESCRIPTION : REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING

UNITS : LF

Same QTY as installation of new BB guide rail (Item 606.26500005)

See Table MST-004 in the plan set

Total quantity of as measured from MicroStation for the item is 375

NB 162 LF

SB 729 LF

subtotal 891 LF

25% 222.75

TOTAL 1113.75 LF

TOTAL QUANTITY FOR ITEM 606.73 : 1,115 LF



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PHONE: (516) 938-0600  
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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD. MR DATE: 9 / 30 / 25  
BY

ITEM NUMBER : 606.7941

ITEM DESCRIPTION : Removing and Disposing Anchorage Units for Heavy Postblocked Out (Mod.)  
Corrugated Beam Guide Railing

UNITS : EA

Using the totals found in this table for both the NB and SB directions (which includes the 25% extra for potential repairs): I:\Projects\01062-LK-I-95-Resurfacing\CADD\TABLES\MISC-TABLES\Guiderail and Conc Barrier Repair FINAL.xlsx

See Table MST-004 in the plan set

Total quantity of as measured from MicroStation for the item is 375

|              |             |
|--------------|-------------|
| NB           | 2 EA        |
| SB           | 2 EA        |
| subtotal     | 4 EA        |
| 25%          | 1 EACH SIDE |
| <b>TOTAL</b> | <b>5 EA</b> |

**TOTAL QUANTITY FOR ITEM 606.7941 : 6 EA**





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JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 10 / 1 / 25  
BY

**ITEM NUMBER :** 606.8903

**ITEM DESCRIPTION :** Transition: Heavy Posts Blocked Out (Mod.) Corrugated Beamguide Railing to  
Single Slope Concrete Half-Section Barrier

**UNITS :** EA

Using the totals found in this table for both the NB and SB directions (which includes the 25% extra  
for potential repairs): I:\Projects\01062-LK-I-95-Resurfacing\CADD\TABLES\MISC-  
TABLES\Guiderail and Conc Barrier Repair FINAL.xlsx

See Table MST-004 in the plan set

Total quantity of as measured from MicroStation for the item is 375

|              |               |
|--------------|---------------|
| NB           | 0 EA          |
| SB           | 2 EA          |
| subtotal     | 2 EA          |
| 25%          | 0.5           |
| <b>TOTAL</b> | <b>2.5 EA</b> |

**TOTAL QUANTITY FOR ITEM 606.8903 : 3 EA**



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SHEET NO. 1 OF 1  
BY KT DATE: 09 / 24 / 25  
CHKD MR DATE: 10/1 /25  
BY

ITEM NUMBER : 606.9003

ITEM DESCRIPTION : TRANSITION BETWEEN HALF-SECTION AND FULL-SECTION SINGLE SLOPE  
CONCRETE BARRIER (LEFT POCKET)

UNITS : EA

Using the totals found in this table for both the NB and SB directions (which includes the 25% extra for potential repairs): I:\Projects\01062-LK-I-95-Resurfacing\CADD\TABLES\MISC-TABLES\Guiderail and Conc Barrier Repair FINAL.xlsx

See Table MST-004 in the plan set

Total quantity of as measured from MicroStation for the item is 375

|          |         |
|----------|---------|
| NB       | 0 EA    |
| SB       | 1 EA    |
| subtotal | 1 EA    |
| 25%      | 0.25    |
| TOTAL    | 1.25 EA |

TOTAL QUANTITY FOR ITEM 606.9003 : 2 EA



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JOB NO.: 01062

SHEET NO. 1 OF 1  
BY CC DATE: 07 / 22 / 25  
CHKD PJP DATE: 10 / 1 / 25  
BY

ITEM NUMBER : 608.020102

ITEM DESCRIPTION : Asphalt sidewalks, driveways, and bicycle paths, and vegetation control strips

UNITS : TON

View tables on plan sheets for quantity. Assume the existing vegetation control strip will be damaged in areas where existing guiderail is removed and replaced. Assume the length of vegetation control strip is equal to the length of HPBO Guiderail installed, the combination of Items 606.2701, 606.270101, and 606.5501. The total length is of these three items is shown below. Assume the vegetation control strip is 3 feet wide and 3" deep.

ASSUMED WIDTH OF ASPHALT 3.00'  
ASSUMED DEPTH OF ASPHALT 3.00"

NORTHBOUND

TOTAL LENGTH OF ALL 3,268 LF

SOUTHBOUND

TOTAL LENGTH OF ALL 6,339 LF

OVERALL LENGTH 9,607 LF

ASSUME A WIDTH OF 3', RESULTS IN AN AREA OF  $\frac{3 \text{ LF}}{28,821 \text{ SF}} = 3,202.33 \text{ SY}$

THIS AREA YIELDS THE FOLLOWING TONNAGE OF ASPHALT

$\frac{3,202.33}{17} \times 3.00 = 565.5 \text{ TONS}$

TOTAL QUANTITY FOR ITEM 608.020102 : 570 TON



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SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 29 / 25

CHKD MR DATE: 09 / 30 / 25  
BY

ITEM NUMBER : 610.1402

ITEM DESCRIPTION : TOPSOIL - ROADSIDE

UNITS : CY

4" depth of Top Soil, minimum of 3.5' wide.

Assume the length of topsoil is equal to length of new barrier going in (606.2701 and 606.270101,  
per detail on right off this sheet) =  $4098 + 32 = 4130$

|                                     |               |
|-------------------------------------|---------------|
| 4" topsoil :                        | 0.33 ft       |
| 3.5' wide per Detail 1 on TYP-001 : | 3.50 ft       |
| Length of proposed guiderail :      | 4130.00 ft    |
| convert to CY :                     | 178.5 CY      |
| <b>SAY :</b>                        | <b>180 CY</b> |

**Total CY for this item is 180**

**TOTAL QUANTITY FOR ITEM      610.1402      :      180 CY**



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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 29 / 25

CHKD MR DATE: 10 / 1 / 25  
BY

ITEM NUMBER : 610.1601

ITEM DESCRIPTION : TURF ESTABLISHMENT - ROADSIDE

UNITS : SY

Minimum of 3.5' wide.

Assume the length of topsoil is equal to length of new barrier going in (606.2701 and 606.270101,  
per detail on right off this sheet) =  $4098 + 32 = 4130$

3.5' wide per Detail 1 on TYP-001 : 3.50 ft  
Length of proposed guiderail : 4130.00 ft  
convert to SY : 1606.1111 SY  
SAY : 1610 SY

**Total SY for this item is 1610**

**TOTAL QUANTITY FOR ITEM 610.1601 : 1,610 SY**



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1  
BY KT DATE: 09 / 29 / 25  
CHKD MR DATE: 09 / 30 / 25  
BY

ITEM NUMBER : 610.19

ITEM DESCRIPTION : WATERING VEGETATION

UNITS : MGAL

Per section 610-3.10 of NYSDOT specs: 5.6 GAL/SY of turf (from Item 610.1601)

**610-3.10 Watering Vegetation.** The Contractor shall provide water without damage to plants, mulch, stakes, plant saucers, sod, or other areas to be watered. Damage resulting from watering operations shall be repaired at no additional cost to the State.

Watering shall be applied in accordance with §610-3.03 *Turf Establishment*, §610-3.04 *Wildflower Seeding*, §610-3.05 *Sod*, or §611-3.01 *General*. Watering for existing vegetation shall be as specified in the contract documents.

Watering shall be applied at the following rates:

**A. Turf, Wildflowers, Sod, Planting Beds.** In the absence of 1 inch of rainfall within 5 consecutive calendar days the Contractor shall water all turf, wildflowers, sod, and planting beds evenly over all planted areas at a minimum rate of 5.6 gallons of water per square yard (equivalent to 1" of rainfall) once a week.

**B. Tree and Planting Pits.** Between April 1<sup>st</sup> and November 15<sup>th</sup>, in the absence of 1 inch of rainfall within 5 consecutive calendar days, the Contractor shall apply water to trees and planting pits once per week, except during July and August, when water shall be applied twice per week, with a minimum of 2 days between applications. Soil saucers or portable drip irrigation systems shall be filled once per watering.

**C. Watering as Specified.** Watering for turf, wildflowers, sod, planting beds, trees and shrub planting pits shall be as specified in the contract documents.

|                                            |                |
|--------------------------------------------|----------------|
| SY of Turf :                               | 1610 SY        |
| Application rate of water :                | 5.60 GAL/SY    |
| Amount of water used (converted to MGal) : | 9.016 MGal     |
| <b>ADD 50% - SAY :</b>                     | <b>14 MGal</b> |

**Total MGal for this item is 14**

**TOTAL QUANTITY FOR ITEM                      610.19                      :                      14 MGAL**



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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 09 / 30 / 25  
BY

ITEM NUMBER : 619.01

ITEM DESCRIPTION : Basic Work Zone Traffic Control

UNITS : LS

TOTAL QUANTITY FOR ITEM

619.01 :

1 LS



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SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1  
BY KT DATE: 09 / 25 / 25  
CHKD MR DATE: 09 / 30 / 25  
BY

**ITEM NUMBER :** 619.0901

**ITEM DESCRIPTION :** Temporary Pavement Marking Stripes

**UNITS :** LF

Quantity for Temporary Pavement Marking Stripes is assumed to be the quantity of pavement striping for the full project limits.

|              |                                                                |  |         |    |
|--------------|----------------------------------------------------------------|--|---------|----|
| 685.11060025 | WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES                     |  | 18,918  | LF |
| 685.12060025 | YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES                    |  | 5,883   | LF |
| 685.17070025 | WHITE HIGHLY REFLECTORIZED TRIPLE DROP EPOXY PAVEMENT STRIPES  |  | 51,315  | LF |
| 685.17080025 | YELLOW HIGHLY REFLECTORIZED TRIPLE DROP EPOXY PAVEMENT STRIPES |  | 34,334  | LF |
|              |                                                                |  | 110,450 | LF |

**TOTAL QUANTITY FOR ITEM**      **619.0901**      **:**      **110,450 LF**  
**SAY**      **:**      **110,500 LF**





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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 09 / 30 / 25  
BY

**ITEM NUMBER :** 619.110522

**ITEM DESCRIPTION :** PVMS Standard Size - Full Matrix (LED) Radar, Cellular Communications

**UNITS :** EA

Quantity of PVMS signs selected by the project owner.

QTY = 4

**TOTAL QUANTITY FOR ITEM 619.110522 : 4 EA**



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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 09 / 30 / 25  
BY

**ITEM NUMBER :** 619.24

**ITEM DESCRIPTION :** Nighttime Operations (Entire Project)

**UNITS :** LS

The majority of the work will be performed at night. Price accordingly.

QTY = 1

**TOTAL QUANTITY FOR ITEM                      619.24                      :                      1 LS**



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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 09 / 30 / 25  
BY

**ITEM NUMBER :** 619.2601

**ITEM DESCRIPTION :** Pavement Patching (Force Account)

**UNITS :** DC

Qty Determined by Project Owner

Qty 250,000

**TOTAL QUANTITY FOR ITEM** 619.2601 250,000 DC



PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1  
BY KT DATE: 09 / 24 / 25  
CHKD MR DATE: 10/ 1 / 25  
BY

**UNITS :** EA

Refer to the Drainage Table for quantity as shown on plan sheets MST-005 to MST-008

**TOTAL QUANTITY FOR ITEM            621.04        :        242 EA**



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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 09 / 30 / 25  
BY

ITEM NUMBER : 625.01

ITEM DESCRIPTION : Survey Operations

UNITS : LS

QTY = 1

TOTAL QUANTITY FOR ITEM

625.01 :

1 LS



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|                             |
|-----------------------------|
| PROJECT: I95 Resurfacing    |
| SUBJECT: Highway Estimate - |
| September 2025              |

|                             |
|-----------------------------|
| SHEET NO. 1 OF 1            |
| BY KT DATE: 10 / 1 / 25     |
| CHKD PJP DATE: 10/ 1/ 25 BY |

ITEM NUMBER : 627.50140008

ITEM DESCRIPTION : Cutting Pavement

UNITS : LF

Assume saw cut lenth of 25 LF for each drainage structure to reset

174 EA X 25 LF = 4,350 LF

Total 4,350 LF

TOTAL QUANTITY FOR ITEM 627.50140008 : 4,500 LF



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SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 7/29/25

CHKD PJP DATE: 11/20/25  
BY

**ITEM NUMBER :** 633.11

**ITEM DESCRIPTION :** Cleaning Existing Pavement and/or Shoulders

**UNITS :** SY

Determine Areas to receive New Asphalt Pavement

| LOCATION | DIRECTION<br>OF TRAVEL | STATIONS |        | AREA       |           |
|----------|------------------------|----------|--------|------------|-----------|
|          |                        | BEGIN    | END    | SF         | SY        |
| AREA 1   | NB                     |          |        |            |           |
| AREA 2   | NB                     | 382+99   | 421+33 | 183,665.72 | 20,407.30 |
| AREA 3   | NB                     | 430+36   | 446+70 | 74,125.11  | 8,236.12  |
| AREA 4   | NB                     | 448+49   | 496+02 | 276,486.33 | 30,720.70 |
|          |                        |          |        |            |           |
| AREA 1   | SB                     | 276+00   | 384+05 | 590,786.00 | 65,642.89 |
| AREA 2   | SB                     | 384+05   | 421+30 | 204,102.43 | 22,678.05 |
| AREA 3   | SB                     | 430+25   | 446+72 | 72,000.75  | 8,000.08  |
| AREA 4   | SB                     | 448+53   | 495+78 | 244,902.34 | 27,211.37 |

SUBTOTAL 182,896.52

Calculate quantities based on areas of paving along I-95 Ramps

| LOCATION | STATIONS |       | AREA      |          |
|----------|----------|-------|-----------|----------|
|          | BEGIN    | END   | SF        | SY       |
| RAMP MC  | 10+04    | 12+24 | 6,711.95  | 745.77   |
| RAMP PE  | 17+00    | 24+03 | 17,925.10 | 1,991.68 |
| RAMP PD  | 0+39     | 2+00  | 4,576.03  | 508.45   |
| RAMP PBC | 0+34     | 7+48  | 34,412.30 | 3,823.59 |
| RAMP PB  | 7+48     | 12+63 | 18,385.07 | 2,042.79 |
| RAMP PC  | 7+48     | 13+63 | 13,357.56 | 1,484.17 |

SUBTOTAL 10,596.45

TOTAL 193,492.97

194,000

**TOTAL QUANTITY FOR ITEM 633.11 : 194,000 SY**



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JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD. MR DATE: 09/ 30 /25  
BY

ITEM NUMBER : 633.12

ITEM DESCRIPTION : Cleaning Sealing and/or Filling Cracks

UNITS : LS

Item total is 1. Item was measured in LF (which is represented in the total columns) for both the NB and SB directions in the table found here: I:\Projects\01062-LK-I-95-Resurfacing\CADD\TABLES\MISC-TABLES\Pavement Repair Table\_Cracks and Spalls.xlsx

Unit for this item is in LS, price to accommodate the total quantity (in LF) of the item - cleaning, sealing, and/or filling cracks. The total LF is 118.  
The overall cost was provided by the Project Owner.

TOTAL QUANTITY FOR ITEM

633.12 :

1 LS





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JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 10 / 1 / 25  
BY

ITEM NUMBER : 633.13

ITEM DESCRIPTION : Cleaning Sealing and/or Filling Joints

UNITS : LF

Total quantity of this item is 1876 LF for both the NB and SB directions in the table found here:

I:\Projects\01062-LK-I-95-Resurfacing\CADD\TABLES\MISC-TABLES\Pavement Repair  
Table\_Cracks and Spalls.xlsx

Table Qty 1876 LF

Refer to the tables for the NB and SB pavement repairs (containing cracks and spalls) found on plan sheet MST-002

Assume additional pavement areas with pavement joints requiring cleaning, sealing, and/or  
filling will be identified during construction

139 LF

TOTAL QUANTITY FOR ITEM 633.13 : 2,015 LF  
SAY : 2,100 LF



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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 10 / 1 / 25  
BY

ITEM NUMBER : 633.15

ITEM DESCRIPTION : Removal and Repair of Loose, Broken, or Spalled PCC Pvm

UNITS : SY

Removal and repair of Loose, Broken, or Spalled PCC Pavement is based on field observations included video of pavement conditions on I-95. The majority of pavement repairs required were identified as requiring full depth pavement repair. The removal and repair of loose, broken, or spalled PCC pavement is limited to 25 locations with an assumed size of 8' x 6'.

| SPALL AREA |       |      | NUMBER OF<br>LOCATIONS | TOTAL AREA |        |
|------------|-------|------|------------------------|------------|--------|
| LENGTH     | WIDTH | AREA |                        |            |        |
| [FT]       | [FT]  | [SF] |                        | [SF]       | [SY]   |
| 8          | 6     | 48   | 25                     | 1200       | 133.33 |

TOTAL QUANTITY FOR ITEM 633.15 : 150 SY



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SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 26 / 25

CHKD MR DATE: 09/30/ 25  
BY

**ITEM NUMBER :** 635.04030225

**ITEM DESCRIPTION :** Recess Diamond Grinding For Inlaid Pavement Markings

**UNITS :** LF

Quantity was determined by adding the total linear feet of both the white and yellow triple drop striping.

From Other Backups:

Item 685.17080025 : 34334 LF

Item 685.17070025 : 51315 LF

:

:

Total : 85649 LF

**TOTAL QUANTITY FOR ITEM 635.04030225 : 85,649 LF**



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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - July 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY MR DATE: 07 / 25 / 25

CHKD KT DATE: 09 / 30 / 25  
BY

**ITEM NUMBER :** 637.13000025

**ITEM DESCRIPTION :** Engineers Field Office - Type 3

**UNITS :** MO

Estimated Duration of Contracot

24 MO

Use NYS TA item based on comments from Project Manager

**TOTAL QUANTITY FOR ITEM 637.13000025 : 24 MO**



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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - July 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY CC DATE: 07 / 22 / 25

CHKD MR DATE: 9 / 24 / 25  
BY

**ITEM NUMBER :** 644.11

**ITEM DESCRIPTION :** Anchor Bolts

**UNITS :** LB

2 Proposed Sign Panels

Information taken from NYSDOT standard sheet OSS-13

|       | LB   | QTY | TOTAL  |
|-------|------|-----|--------|
| OSS 1 | 98.9 | 8   | 791.2  |
| OSS 2 | 98.9 | 8   | 791.2  |
| TOTAL |      |     | 1582.4 |

**TOTAL QUANTITY FOR ITEM**

**644.11 : 1,582 LB**

**USE : 1,600 LB**



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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - July 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY CC DATE: 07 / 22 / 25

CHKD MR DATE: 9/24 / 25  
BY

ITEM NUMBER : 644.20

ITEM DESCRIPTION : Drilled Shaft for Overhead Sign Structures

UNITS : CY

2 Proposed Sign Panels

Use NYSDOT OS-9 table for concrete quantity

|       | CF  | CY       |
|-------|-----|----------|
| OSS-1 | 404 | 14.96296 |
| OSS-2 | 404 | 14.96296 |

TOTAL 29.92593 CY

404

cf

30 CY

3 10%

33 Total

TOTAL QUANTITY FOR ITEM

644.20

:

33 CY



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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - July 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY CC DATE: 07 / 22 / 25

CHKD MR DATE: 9 / 24 / 25  
BY

ITEM NUMBER : 644.421120

ITEM DESCRIPTION : Trussed Arm Cantilever Sign Structure (11YD ARM, 20SY SIGN AREA)

UNITS : EA

2 Proposed Sign Structures

|       |    |    |
|-------|----|----|
|       | EA |    |
| OSS-1 | 1  |    |
| OSS-2 | 1  |    |
| TOTAL | 2  | EA |

TOTAL QUANTITY FOR ITEM 644.421120 : 2 EA



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1 AERIAL WAY  
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FAX: (516) 931-6344

PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - July 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY CC DATE: 07 / 22 / 25

CHKD MR DATE: 9 / 24 / 25 BY

ITEM NUMBER : 645.61

ITEM DESCRIPTION : Overhead Sign Panels

UNITS : SF

SIGN PANEL AREA

From plan sheet SDS-001

OSS 1 164 SF  
OSS-2 164 SF

328 SF

TOTAL QUANTITY FOR ITEM 645.61 : 328 SF





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1 AERIAL WAY  
SYOSSET, N.Y. 11791

PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - July 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY CC DATE: 07 / 22 / 25

CHKD MR DATE: 10 / 1 / 25

|                    |                                                                                |            |
|--------------------|--------------------------------------------------------------------------------|------------|
| ITEM NUMBER :      | 646.0603--25                                                                   | UNITS : EA |
| ITEM DESCRIPTION : | Install Delineator or Tenth Mile Marker on Post                                |            |
| ITEM NUMBER :      | 646.0610--25                                                                   | UNITS : EA |
| ITEM DESCRIPTION : | Install Delineator or Tenth Mile Marker Band or Bracket Mounted                |            |
| ITEM NUMBER :      | 646.0612--25                                                                   | UNITS : EA |
| ITEM DESCRIPTION : | Install Delineator or Tenth Mile Marker, Back to Back, Band or Bracket Mounted |            |
| ITEM NUMBER :      | 646.0626--25                                                                   | UNITS : EA |
| ITEM DESCRIPTION : | Install Mile Markers                                                           |            |
| ITEM NUMBER :      | 646.50----25                                                                   | UNITS : EA |
| ITEM DESCRIPTION : | Remove and Dispose Delineators and Markers                                     |            |

Use pavement marking type for determination of where delineator type starts/ends. For example, if there is a entrance ramp with one yellow line and one white line, the ramp will have yellow delineators on one side and white ones on the other.

|                         |              |   |        |
|-------------------------|--------------|---|--------|
| TOTAL QUANTITY FOR ITEM | 646.0603--25 | : | 212 EA |
| TOTAL QUANTITY FOR ITEM | 646.0610--25 | : | 193 EA |
| TOTAL QUANTITY FOR ITEM | 646.0612--25 | : | 96 EA  |
| TOTAL QUANTITY FOR ITEM | 646.0626--25 | : | 8 EA   |
| TOTAL QUANTITY FOR ITEM | 646.50----25 | : | 550 EA |



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 9 / 30 / 25  
BY

ITEM NUMBER : 646.08010025

ITEM DESCRIPTION : Install Snowplow Marker, Single Unit

UNITS : EA

Total amount of the item is 27. Refer to item total in table found here (also shown below):

I:\Projects\01062-LK-I-95-Resurfacing\ENGINEERING\Cost Estimates\PSE Estimate\646.08010025 -  
Install Snowplow Marker, Single Unit.xlsx

| SNOWPLOW MARKERS |              |           |      |                  |       |                                |                                |
|------------------|--------------|-----------|------|------------------|-------|--------------------------------|--------------------------------|
| LOCATION         |              |           | SIDE | DESCRIPTION      | MOUNT | ITEM<br>646.08010025<br>(EACH) | ITEM<br>646.08020025<br>(EACH) |
| DIRECTION        | APPROX MP    | STATION   |      |                  |       |                                |                                |
| SOUTHBOUND       | MP NE 8.892  | 284+01.33 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 9.105  | 295+17.47 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 9.132  | 296+62.41 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 9.187  | 299+49.32 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 9.263  | 303+50.64 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 9.386  | 309+99.88 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 9.697  | 326+27.49 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 10.385 | 362+12.91 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 10.506 | 368+60.68 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 10.520 | 369+37.00 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 11.184 | 404+12.53 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 11.185 | 404+14.12 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 11.358 | 413+03.27 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 11.358 | 413+02.78 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 11.505 | 420+68.97 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 11.560 | 423+52.38 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 11.692 | 430+39.58 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 11.686 | 430+10.86 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 11.901 | 441+36.19 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 12.059 | 449+78.13 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 12.114 | 452+74.94 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 12.116 | 452+83.86 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 12.196 | 457+11.64 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 12.225 | 458+71.03 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 12.469 | 471+69.12 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 12.515 | 474+08.91 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 13.107 | 507+45.68 | LT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 12.932 | 498+27.10 | LT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| NORTHBOUND       | MP NE 12.663 | 484+09.05 | LT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 12.035 | 451+50.12 | LT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| NORTHBOUND       | MP NE 11.961 | 447+71.80 | LT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 11.953 | 447+30.82 | LT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| NORTHBOUND       | MP NE 11.811 | 439+85.69 | LT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 11.631 | 430+39.31 | LT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| NORTHBOUND       | MP NE 11.541 | 425+64.81 | LT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 11.490 | 422+93.55 | LT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| NORTHBOUND       | MP NE 11.448 | 420+74.52 | LT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 11.379 | 417+04.58 | LT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| NORTHBOUND       | MP NE 11.380 | 417+10.85 | LT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 11.314 | 413+60.57 | LT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| NORTHBOUND       | MP NE 11.314 | 413+63.22 | LT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 10.928 | 392+85.50 | LT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| NORTHBOUND       | MP NE 10.926 | 392+75.71 | LT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 10.748 | 383+34.39 | LT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| RAMP 'PBC'       | N/A          | 2+76.17   | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| RAMP 'PD'        | N/A          | 0+74.85   | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| RAMP 'PE'        | N/A          | 23+83.53  | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| TOTAL            |              |           |      |                  |       | 27                             | 26                             |

TOTAL QUANTITY FOR ITEM 646.08010025 : 27 EA



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1  
BY KT DATE: 09/24/25  
CHKD MR DATE: 10/1/25  
BY

ITEM NUMBER : 646.08020025

ITEM DESCRIPTION : Install Snowplow Marker, Double Unit

UNITS : EA

Total amount of the item is 26. Refer to item total in table found here (also shown below):  
I:\Projects\01062-LK-I-95-Resurfacing\ENGINEERING\Cost Estimates\PSE Estimate\646.08010025 -  
Install Snowplow Marker, Single Unit.xlsx

| SNOWPLOW MARKERS |              |           |      |                  |       |                                |                                |
|------------------|--------------|-----------|------|------------------|-------|--------------------------------|--------------------------------|
| LOCATION         |              |           | SIDE | DESCRIPTION      | MOUNT | ITEM<br>646.08010025<br>(EACH) | ITEM<br>646.08020025<br>(EACH) |
| DIRECTION        | APPROX MP    | STATION   |      |                  |       |                                |                                |
| SOUTHBOUND       | MP NE 8.892  | 284+01.33 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 9.105  | 295+17.47 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 9.132  | 296+62.41 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 9.187  | 299+49.32 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 9.263  | 303+50.64 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 9.386  | 309+99.88 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 9.697  | 326+27.49 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 10.385 | 362+12.91 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 10.506 | 368+60.68 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 10.520 | 369+37.00 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 11.184 | 404+12.53 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 11.185 | 404+14.12 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 11.358 | 413+03.27 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 11.358 | 413+02.78 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 11.505 | 420+68.97 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 11.560 | 423+52.38 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 11.692 | 430+39.58 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 11.686 | 430+10.86 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 11.901 | 441+36.19 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 12.059 | 449+78.13 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 12.114 | 452+74.94 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 12.116 | 452+83.86 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 12.196 | 457+11.64 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 12.225 | 458+71.03 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| SOUTHBOUND       | MP NE 12.469 | 471+69.12 | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| SOUTHBOUND       | MP NE 12.515 | 474+08.91 | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 13.107 | 507+45.68 | LT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 12.932 | 498+27.10 | LT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| NORTHBOUND       | MP NE 12.663 | 484+09.05 | LT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 12.035 | 451+50.12 | LT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| NORTHBOUND       | MP NE 11.961 | 447+71.80 | LT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 11.953 | 447+30.82 | LT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| NORTHBOUND       | MP NE 11.811 | 439+85.69 | LT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 11.631 | 430+39.31 | LT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| NORTHBOUND       | MP NE 11.541 | 425+64.81 | LT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 11.490 | 422+93.55 | LT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| NORTHBOUND       | MP NE 11.448 | 420+74.52 | LT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 11.379 | 417+04.58 | LT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| NORTHBOUND       | MP NE 11.380 | 417+10.85 | LT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 11.314 | 413+60.57 | LT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| NORTHBOUND       | MP NE 11.314 | 413+63.23 | LT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 10.928 | 392+85.50 | LT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| NORTHBOUND       | MP NE 10.926 | 392+75.71 | LT   | END GUIDE RAIL   | POST  | 1                              |                                |
| NORTHBOUND       | MP NE 10.748 | 383+34.39 | LT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| RAMP 'PBC'       | N/A          | 2+76.17   | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| RAMP 'PD'        | N/A          | 0+74.85   | RT   | BEGIN GUIDE RAIL | POST  |                                | 1                              |
| RAMP 'PE'        | N/A          | 23+83.53  | RT   | END GUIDE RAIL   | POST  | 1                              |                                |
| TOTAL            |              |           |      |                  |       | 27                             | 26                             |

TOTAL QUANTITY FOR ITEM 646.08020025 : 26 EA



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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - July 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY CC DATE: 07 / 22 / 25

CHKD MR DATE: 9 / 24 / 25

ITEM NUMBER : 647.20

ITEM DESCRIPTION : Removal of Cantilever Overhead Sign Panel(s), Structure and Foundations

UNITS : EA

Remove Temporary Sign, Structure and Foundation at Proposed OSS-1 Location

OSS-1 EA  
1

TOTAL 1 EA

TOTAL QUANTITY FOR ITEM 647.20 : 1 EA



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - October 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1

BY CC DATE: 07 / 22 / 25

CHKD PJP DATE: 10 / 17 / 25  
BY

ITEM NUMBER : 649.01

ITEM DESCRIPTION : Milled-In Audible Roadway Delineators (MIARDS)

UNITS : LF

| MIARDS          |                  |                |                 |            |        |            |        |        |
|-----------------|------------------|----------------|-----------------|------------|--------|------------|--------|--------|
| DESCRIPTION     | BEGIN<br>STATION | END<br>STATION | TOTAL<br>LENGTH | NORTHBOUND |        | SOUTHBOUND |        | TOTALS |
|                 |                  |                |                 | SHOULDER   | MEDIAN | SHOULDER   | MEDIAN |        |
| SB MILL & INLAY | 276+00           | 384+05         | 10,805          |            |        | 10,805     | 10,805 | 21,610 |
| SB OVERLAY      | 384+05           | 500+50         | 11,645          |            |        | 11,645     | 11,645 | 23,290 |
| NB OVERLAY      | 382+99           | 500+50         | 11,751          | 11,751     | 11,751 |            |        | 23,502 |

**TOTAL** 68,402 LF

**TOTAL QUANTITY FOR ITEM 649.01 : 69,000 LF**



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - July 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1

BY MR DATE: 07/23/25

CHKD PJP DATE: 10/1/25  
BY

ITEM NUMBER : 653.1010

ITEM DESCRIPTION : Pavement Ride Quality Adjustment to Asphalt Level 1

UNITS : QU

See EB 24-027 - Region 8 - Index Price = \$120/Quality Unit - note EB 25-019 is for lettings after 1/2026

[EI EB DOC DETAILS](#)

See - NYSDOT Comprehensive Pavement Manual -6.7.4 - Calculating Ride Quality Units

[chapter6.pdf](#)

#### 6.7.4 Calculating Ride Quality Units

Shoulders, gore areas, turn-outs, turn-arounds, driveways, parking areas, any lanes or ramps with lengths less than 1320 feet, and other similar miscellaneous paving are not subject to ride quality testing.

For each ride quality level included in the contract, calculate the maximum number of quality units and the fixed price for the Ride Quality item using the following steps:

1. Calculate the total number of lane-miles receiving the Ride Quality item and convert to feet.
2. Subtract the length of each bridge plus 50 feet. (25 feet lead in, 25 feet lead out.)
3. Exclude the following:
  - a. Sections within 200 feet of any traffic control device or intersection
  - b. Tapered sections less than a full lane-width
  - c. Roadways or ramps with advisory speed less than 45 mph
4. Exclude any section having a length less than 1320 feet located between any of the sections omitted in step 3.
5. Divide the sum of steps 1, 2, 3 and 4 by 528 feet. The result is the total number of pavement ride quality (PRQ) lots.
6. Multiply the result of Step 5 by the appropriate maximum available Quality Units as determined from Tables 653-01 and 653-02 — (see Standard Specification 653). The result is the maximum number of quality units available.
7. Consult the Materials Bureau to determine the appropriate value of a ride quality adjustment factor for PCC Pavements. For asphalt pavements, the index price for each Region is updated annually and is found in the Engineering Bulletin entitled *Index Prices for Use with Quality Adjustment Items*. Multiply the result of Step 6 by the determined value of the ride quality adjustment factor to calculate the maximum ride quality incentive in the project.

If a project contains areas with multiple pavement types or ride quality levels, add the appropriate incentives for all the areas to determine maximum potential incentive for the project.

See NYSDOT Specifications 404

[2025 1 specs usc vol2.pdf](#)

### Southern Section (SB Lanes ONLY)

|                                                                                                                                 |           |                                                                                                                        |       |                                                    |         |      |
|---------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------|---------|------|
| Length of proposed Mill and Inlay:<br>(Subtract 3 x 150' = 450' for bridges at Fenimore,<br>Mamaroneck Rd and Mamaroneck River) | 10,310 LF | Number of Lanes:                                                                                                       | 3     | Calculate <b>A</b> : Length X<br>Number of Lanes = | 30,930  |      |
| Divide <b>A</b> by 528:                                                                                                         | 58.58     | Maximum QU's from NYSDOT Standard Specifications:<br>(Assume project is Level 2 in Tabel 653-01 of Standard Spec Book) |       | 1.605                                              |         |      |
| Total Quality Units for this Section of Pavement:                                                                               | 58.58     | X                                                                                                                      | 1.605 | =                                                  | 94.0209 | = 95 |

### Northern Section (NB & SB Lanes)

|                                                                                                                                         |           |                                                                                                                        |        |                                                    |          |     |
|-----------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------------------|----------|-----|
| Length of proposed Mill and Inlay:<br>(Subtract 2 x 150' = 450' for bridges over culverts at<br>Beaver Swamp Brook and Brentwood Brook) | 11,412 LF | Number of Lanes:                                                                                                       | 3      | Calculate <b>B</b> : Length X<br>Number of Lanes = | 34,236   |     |
| Divide <b>B</b> by 528:                                                                                                                 | 64.85     | Maximum QU's from NYSDOT Standard Specifications:<br>(Assume project is Level 2 in Tabel 653-01 of Standard Spec Book) |        | 0.0375                                             |          |     |
| Total Quality Units for the NB Section of this Pavement:                                                                                | 64.85     | X                                                                                                                      | 0.0375 | =                                                  | 2.431875 | = 3 |
| Total Quality Units for the SB Section of this Pavement:                                                                                | 64.85     | X                                                                                                                      | 0.0375 | =                                                  | 2.431875 | = 3 |

TOTAL QUANTITY FOR ITEM 653.1010 : 101 QU



ENGINEERING  
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SINCE 1889

1 AERIAL WAY  
SYOSSET, N.Y. 11791  
PHONE: (516) 938-0600  
FAX: (516) 931-6344

PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - July 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1  
BY: CC DATE: 07 / 22 / 25  
CHKD: MR DATE: 9 / 24 / 25

ITEM NUMBER : 655.05280025

ITEM DESCRIPTION : Replacement of Existing Drainage Grates

UNITS : EA

The total number of existing drainage structures is 242. See tables in plan set for quantity.

Updated from Pre-PSE Comments - 10/5/2025

Since a field inventory of the existing drainage structures within the project limits was not included in the scope of this project, it is assumed 80% (updated to 95%) of the existing drainage structure's frames and grates are in good condition and can be reset on the existing drainage structure and 20% (update to 5%) will be replaced with New Drainage Frames.

242 EA X 5% = 12.1 = 13 EA

|     |       |                    |
|-----|-------|--------------------|
| say | 15 EA | require<br>repairs |
|-----|-------|--------------------|

50% will require only grates replaced  
the material cost is included in this item.

8 EA Grate Replacement

TOTAL QUANTITY FOR ITEM 655.05280025 : 8 EA





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1 AERIAL WAY  
SYOSSET, N.Y. 11791  
PHONE: (516) 938-0600  
FAX: (516) 931-6344

PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - July 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY CC DATE: 07 / 22 / 25

CHKD MR DATE: 9 / 30 / 25

ITEM NUMBER : 656.01

ITEM DESCRIPTION : Miscellaneous Metals

UNITS : EA

The total number of existing drainage structures is 242.

Updated from Pre-PSE Comments - 10/5/2025

Since a field inventory of the existing drainage structures within the project limits was not included in the scope of this project, it is assumed 80% (updated to 95%) of the existing drainage structure's frames and grates are in good condition and can be reset on the existing drainage structure and 20% (update to 5%) will be replaced with New Drainage Frames.

Information taken from 604.07200110

242 EA X 5% = 12.1 = 13 EA

say 15 EA

Assume 50% need new frames and grates 8 EA  
Material Cost NOT included - see 656.01

Wt of Standard Catch basin frame and grate 600 LB

Total Weight 4,800 LB

TOTAL QUANTITY FOR ITEM 656.01 : 4,800 LB





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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - July 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY: PJP DATE: 10 / 16 / 25

CHKD: MR DATE: 10 / 16 / 25  
BY

ITEM NUMBER : 670.14480010

ITEM DESCRIPTION : Resetting Electric Pullbox Covers and Frames

UNITS : EA

Includes all electric pull boxes in the center median from MP NE 10.8 to 13.0 (overaly limits)

|             |       |       |                   |
|-------------|-------|-------|-------------------|
| contingency | 10%   | 53 EA | Grate Replacement |
|             |       | 5     |                   |
|             | total | 58 EA |                   |

TOTAL QUANTITY FOR ITEM 670.14480010 : 58 EA



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PROJECT: I-95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 07 / 30 / 25

CHKD RM DATE: 9 / 23 / 25  
BY

ITEM NUMBER : 680.54

ITEM DESCRIPTION : Inductance Loop Installation

UNITS : LF

Quantity taken from As Built Plans for the existing Inductance Loop Installation.

Straight Lines: 972 LF

Squares: 433 LF

LOCATION

MP 9.1 S 6 loops @ 6'x6'

MP 11.5 N 6 loops @ 6'x6'

MP 11.5 S 6 loops @ 6'x6'

MP 12.8 N 6 loops @ 6'x6'

Total 1,405 LF

TOTAL QUANTITY FOR ITEM 680.54 : 1,450 LF SAY



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SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 07/30/25

CHKD RM DATE: 9/30/25  
BY

**ITEM NUMBER :** 680.72

**ITEM DESCRIPTION :** Inductance Loop Wire

**UNITS :** LF

Quantity taken from As Built Plans for the existing Inductance Loop Installation.

|            |                      |         |
|------------|----------------------|---------|
|            | Straight Lines (x2): | 1656 LF |
| 24 Squares | Squares (x4):        | 2304 LF |

LOCATION

|           |                 |
|-----------|-----------------|
| MP 9.1 S  | 6 loops @ 6'x6' |
| MP 11.5 N | 6 loops @ 6'x6' |
| MP 11.5 S | 6 loops @ 6'x6' |
| MP 12.8 N | 6 loops @ 6'x6' |

Total 3,960 LF

**TOTAL QUANTITY FOR ITEM      680.72      :      4,000 LF      SAY**



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PROJECT: I-95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY RM DATE: 09 / 18 / 25

CHKD MR DATE: 9 / 23 / 25  
BY

ITEM NUMBER : 680.52080325

ITEM DESCRIPTION : 1" Conduit, Flexible, Liquidtight PVC

UNITS : LF

LOCATION

LENGTH

|           |               |       |
|-----------|---------------|-------|
| MP 9.1 S  | Shoulder area | 20 LF |
| MP 11.5 N | Shoulder area | 20 LF |
| MP 11.5 S | Median area   | 10 LF |
| MP 12.8 N | Shoulder area | 20 LF |

Total 70 LF

TOTAL QUANTITY FOR ITEM 680.52080325 : 100 LF SAY



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 25 / 25

CHKD MR DATE: 09 / 30 / 25  
BY

**ITEM NUMBER :** 685.11060025

**ITEM DESCRIPTION :** White Epoxy Reflectorized Pavement Stripes - 6 Inch Width x 20mil

**UNITS :** LF

Only used along ramps, interior hatch/chevron markings, ramp side channelizing

|                        |   |                       |
|------------------------|---|-----------------------|
|                        | : | 1183 LF MC accel      |
|                        | : | 920 LF MD accel       |
|                        | : | 560 LF MF decel       |
| Solid White Edge Lines | : | 1065 LF PB accel      |
|                        | : | 1053 LF PE decel      |
|                        | : | 1395 LF PD accel/ramp |
|                        | : | 679 LF PC decel       |
|                        |   | <hr/>                 |
|                        |   | 6855 LF Total         |

|                               |   |                      |
|-------------------------------|---|----------------------|
|                               | : | 252 LF MC accel      |
|                               | : | 515 LF MD accel      |
|                               | : | 402 LF MF decel      |
| Channelizing (Ramp Side)      | : | 259 LF PB accel/ramp |
|                               | : | 391 LF PE decel/ramp |
|                               | : | 144 LF PC decel/ramp |
|                               | : | 387 LF PD accel/ramp |
|                               |   | <hr/>                |
| 12" thick, mult. Lengths by 2 |   | 4700 LF Total        |

|                              |   |                 |
|------------------------------|---|-----------------|
|                              | : | 506 LF MF decel |
| Chevron/Hatching (Ramp Side) | : | 374 LF PE decel |
|                              | : | 90 LF PC decel  |
|                              |   | <hr/>           |
| 2' thick, mult. Lengths by 4 |   | 3880 LF Total   |

|                          |   |                      |
|--------------------------|---|----------------------|
|                          | : | 0 LF MC accel        |
|                          | : | 0 LF MD accel        |
|                          | : | 0 LF MF decel        |
| Ramp Lines (past joints) | : | 1336 LF PB ramp      |
|                          | : | 701 LF PE decel/ramp |
|                          | : | 167 LF PD accel/ramp |
|                          | : | 1279 LF PC ramp      |
|                          |   | <hr/>                |
|                          |   | 3483 LF Total        |

Total length of all white lines : 18918 LF

|                                |                     |          |                  |
|--------------------------------|---------------------|----------|------------------|
| <b>TOTAL QUANTITY FOR ITEM</b> | <b>685.11060025</b> | <b>:</b> | <b>18,918 LF</b> |
|                                | <b>SAY</b>          | <b>:</b> | <b>19,870 LF</b> |



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 25 / 25

CHKD MR DATE: 10/1 / 25  
BY

**ITEM NUMBER :** 685.12060025

**ITEM DESCRIPTION :** Yellow Epoxy ReflectORIZED Pavement Stripes - 6 Inch Width x 20mil

**UNITS :** LF

Only used along ramps

|                         |   |                  |
|-------------------------|---|------------------|
|                         | : | 0 LF MC accel    |
|                         | : | 0 LF MD accel    |
|                         | : | 0 LF MF decel    |
| Solid Yellow Edge Lines | : | 1065 LF PB accel |
|                         | : | 75 LF PE decel   |
|                         | : | 450 LF PD ramp   |
|                         | : | 679 LF PC decel  |
|                         |   | <hr/>            |
|                         |   | 2269 LF Total    |

|                          |   |                      |
|--------------------------|---|----------------------|
|                          | : | 0 LF MC accel        |
|                          | : | 0 LF MD accel        |
|                          | : | 0 LF MF decel        |
| Ramp Lines (past joints) | : | 1402 LF PB ramp      |
|                          | : | 660 LF PE decel/ramp |
|                          | : | 127 LF PD accel/ramp |
|                          | : | 1345 LF PC ramp      |
|                          |   | <hr/>                |
|                          |   | 3534 LF Total        |

|                               |   |                |
|-------------------------------|---|----------------|
| Channelizing (Ramp Side)      | : | 40 LF PE decel |
| 12" thick, mult. Lengths by 2 |   | <hr/>          |
|                               |   | 80 LF Total    |

Total length of all yellow lines : 5883 LF

|                                |                     |          |                 |
|--------------------------------|---------------------|----------|-----------------|
| <b>TOTAL QUANTITY FOR ITEM</b> | <b>685.12060025</b> | <b>:</b> | <b>5,883 LF</b> |
|                                | <b>SAY</b>          | <b>:</b> | <b>6180 LF</b>  |



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09/25/25

CHKD MR DATE: 9/30/25  
BY

ITEM NUMBER : 685.17070025

ITEM DESCRIPTION : White Highly ReflectORIZED Triple Drop Epoxy Pavement Stripes - 6 Inch Width x 20mil

UNITS : LF

NB Legnth of Mainline: (STA 382+98.60 to 501+08.60) : 118+10.00 NB  
SB Length of Mainline: (STA 276+00 to 501+23.43) : 225+23.43 SB

Solid White Edge Lines : 34334 LF  
Broke White Lane Lines (2 sets per NB/SB, red. length by 75%) : 17167 LF  
: 930 LF MC accel  
: 403 LF ME accel  
Dotted Lane Lines (Accel/Deccel Ramps) RAW LENGTHS NO RED. : 232 LF MF decel  
3' long stripes with 9' spaces, therefore reduce overall measured : 432 LF PE decel  
length by 75% at the end : 914 LF PB accel  
: 610 LF PC decel  
: 600 LF PD accel  
Dotted Lane Line red. factor of 75% 1031 LF Total

: 252 LF MC accel  
: 515 LF MD accel  
: 402 LF MF decel  
Channelizing Line (Mainline Side) : 550 LF PE decel  
: 155 LF PB accel  
: 105 LF PC decel  
: 334 LF PD accel  
12" thick, mult. Lengths by 2 4626 LF Total

: 1183 LF MC accel  
: 920 LF MD accel  
Subtract length of Solid White Edge Lines from Item 685.11060025 or : 634 LF MF decel  
Dotted Lane Lines/Channelizing Lines from this Item : 914 LF PB accel  
: 982 LF PE decel  
: 600 LF PD accel/ramp  
: 610 LF PC decel  
5843 LF Total

Total length of all white lines : 51315 LF

TOTAL QUANTITY FOR ITEM 685.17070025 : 51,315 LF

SAY : 53,890 LF



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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09/25/25

CHKD MR DATE: 9/30/25  
BY

**ITEM NUMBER :** 685.17080025

**ITEM DESCRIPTION :** Yellow Highly ReflectORIZED Triple Drop Epoxy Pavement Stripes - 6 Inch Width x 20mil

**UNITS :** LF

NB Legnth of Mainline: (STA 382+98.60 to 501+08.60) : 118+10.00 NB

SB Length of Mainline: (STA 276+00 to 501+23.43) : 225+23.43 SB

Solid Yellow Edge Lines : 34334 LF

Total length of all yellow lines : 34334 LF

**TOTAL QUANTITY FOR ITEM 685.17080025 : 34,334 LF**

**SAY : 36,060 LF**





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PROJECT: I95 Resurfacing

SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 09 / 30 / 25  
BY

**ITEM NUMBER :** 697.03

**ITEM DESCRIPTION :** Field Change Payment

**UNITS :** DC

Qty Determined by Project Owner

Qty 4,800,000

**TOTAL QUANTITY FOR ITEM** 697.03 4,800,000 DC



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 25 / 25

CHKD MR DATE: 9/30/25  
BY

ITEM NUMBER : 698.04

ITEM DESCRIPTION : Asphalt Price Adjustment

UNITS : DC

Adjustment factors from NYSDOT EB 24-047

| Item       | Qty (TONS) | Factor (t PBB/t) | Total     |
|------------|------------|------------------|-----------|
| 404.0189   | 15         | 0.062            | 0.93      |
| 404.0589   | 40         | 0.0825           | 3.3       |
| 404.0951   | 19590      | 0.062            | 1214.58   |
| 404.1259   | 14175      | 0.055            | 779.625   |
| 404.3789   | 30         | 0.04             | 1.2       |
| 407.0103   | 15500      | 0.0026           | 40.3      |
| Subtotal   |            |                  | 2039.935  |
| Adjustment |            |                  | \$ 30     |
| Total      |            |                  | \$ 61,199 |

TOTAL QUANTITY FOR ITEM 698.04 : 61,199 DC



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PROJECT: I95 Resurfacing  
SUBJECT: Highway Estimate - September 2025  
JOB NO.: 01062

SHEET NO. 1 OF 1  
BY: KT DATE: 9/24/25  
CHKD. MR BY DATE: 9/30/25

ITEM NUMBER : 698.05

ITEM DESCRIPTION : Fuel Price Adjustment

UNITS : DC

Adjustment factors from NYSDOT EB 24-047

| Item     | Qty   |     | Factor | Units   | Total   |
|----------|-------|-----|--------|---------|---------|
| 203.02   | 1260  | cy  | 0.35   | gal/cy  | 441     |
| 304.12   | 1430  | cy  | 1      | gal/cy  | 1430    |
| 404.0189 | 15    | ton | 2.5    | gal/ton | 37.5    |
| 404.0589 | 40    | ton | 2.5    | gal/ton | 100     |
| 404.0951 | 19590 | ton | 2.5    | gal/ton | 48975   |
| 404.1259 | 14175 | ton | 2.5    | gal/ton | 35437.5 |
| 404.3789 | 30    | ton | 2.5    | gal/ton | 75      |
| 490.10   | 76815 | sy  | 0.1    | gal/sy  | 7681.5  |
| 490.30   | 2450  | sy  | 0.1    | gal/sy  | 245     |
| 490.40   | 47000 | sy  | 0.1    | gal/sy  | 4700    |
| 610.1402 | 180   | cy  | 0.45   | gal/cy  | 81      |

|            |    |         |
|------------|----|---------|
| Subtotal   |    | 99203.5 |
| Adjustment | \$ | 0.20    |
| Total      | \$ | 19,841  |
| Units      | \$ | 19,841  |

TOTAL QUANTITY FOR ITEM 698.05 19,841 DC



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SUBJECT: Highway Estimate - September 2025

JOB NO.: 01062

SHEET NO. 1 OF 1

BY KT DATE: 09 / 24 / 25

CHKD MR DATE: 09 / 30 / 25  
BY

ITEM NUMBER : 699.04000025

ITEM DESCRIPTION : Mobilization

UNITS : LS

TOTAL QUANTITY FOR ITEM 699.04000025 : 1 LS