

Proposed Structure:  
6'-0" Reinforced Concrete Pipe

Existing Structure:  
3'-6" Reinforced Concrete Pipe, to be Removed

DESIGN DATA

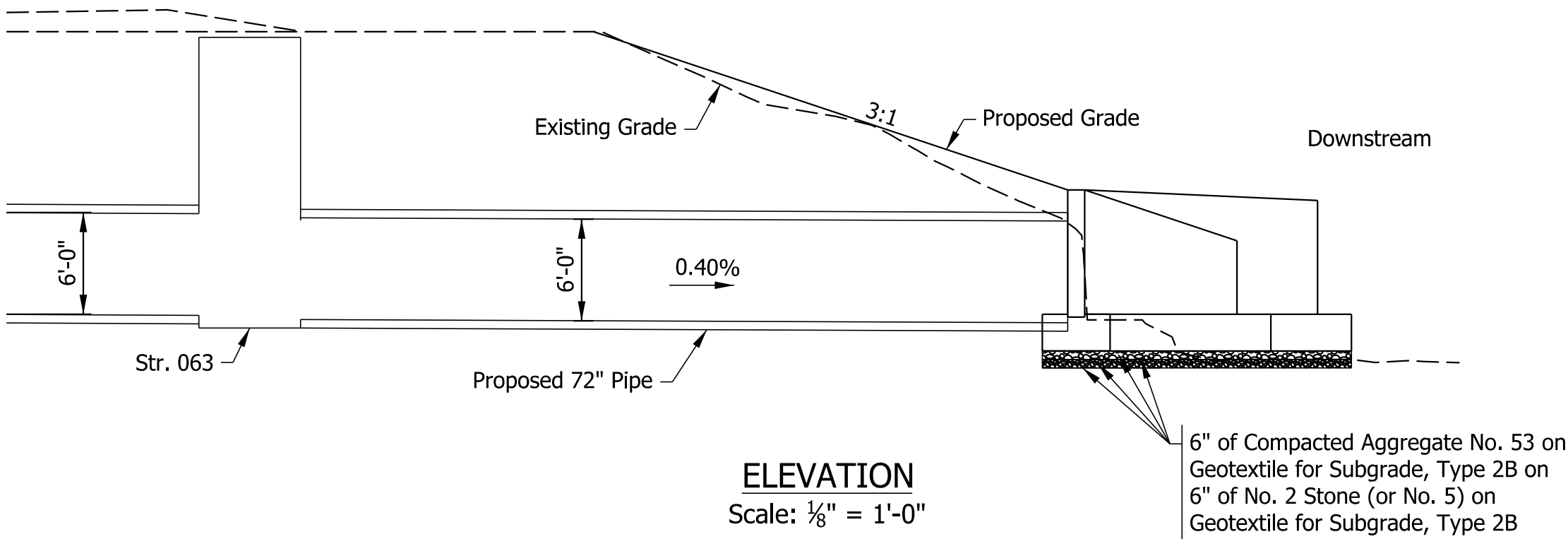
Structure shall be designed for HL-93 Loading, in accordance with AASHTO LRFD Bridge Design Specifications, 8th Edition, 2017.

DEAD LOAD  
Actual weight plus 35 lb/ft<sup>2</sup> for future wearing surface.

DESIGN STRESSES

CONCRETE  
Class "A" Concrete      f'c = 5,000    psi    (Culvert Structure)  
Class "A" Concrete      f'c = 4,000    psi    (Wingwalls and Headwalls)  
Class "B" Concrete      f'c = 3,000    psi

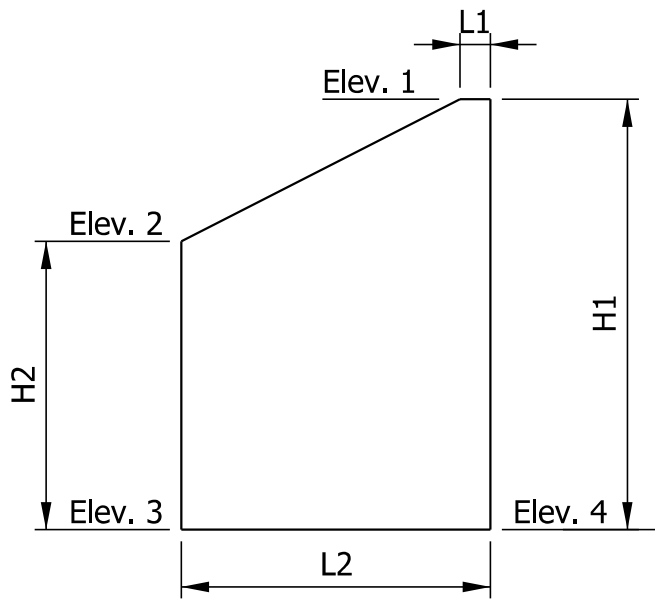
REINFORCING STEEL  
Grade 60                      fy = 60,000   psi



ELEVATION  
Scale: 1/8" = 1'-0"

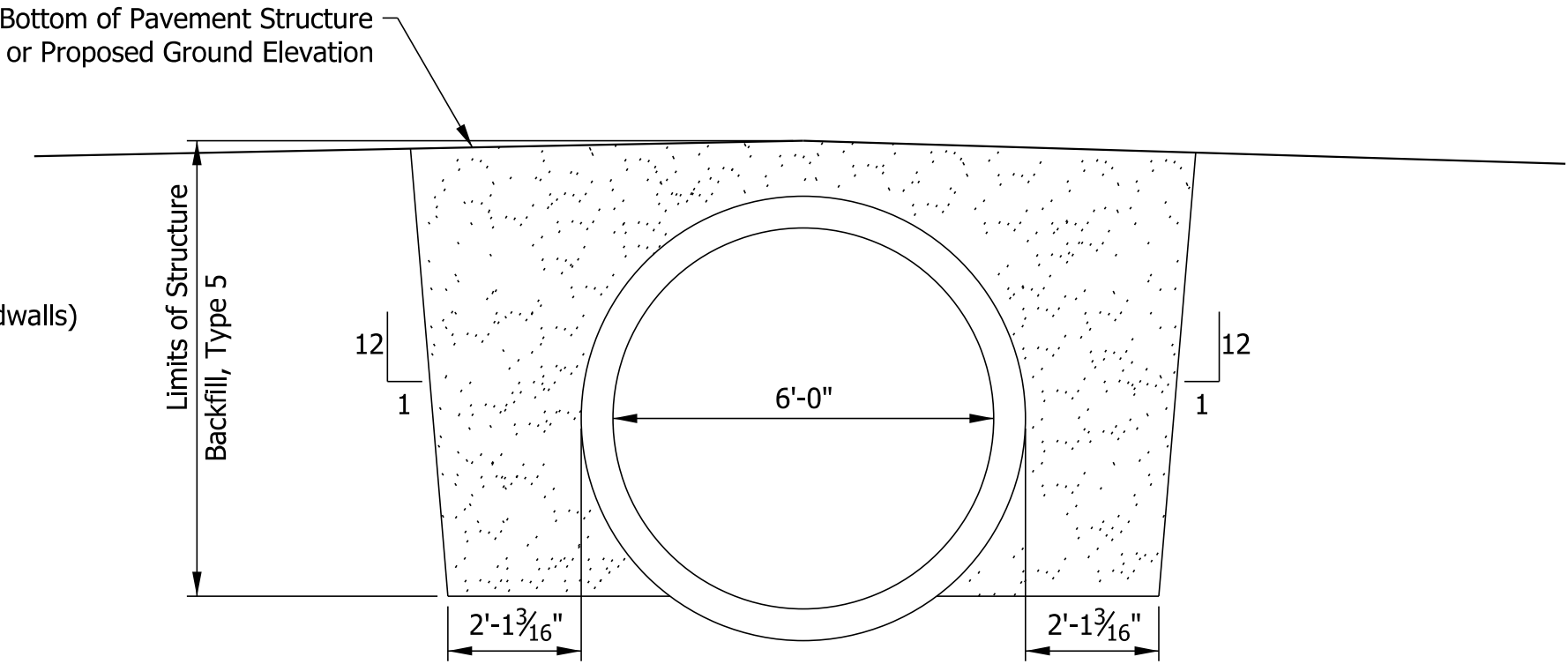
The geotextile placed at the base of the excavation shall consist of sufficient excess, such that the geotextile can be wrapped around the sides and over the top of the No. 2 (or No. 5) stone to serve as a second layer of geotextile.

| Soil Parameters for Headwall and Wingwall Design   |              |                     |
|----------------------------------------------------|--------------|---------------------|
|                                                    | Natural Soil | Structural Backfill |
| Factored Bearing Resistance                        | XXX   psf    | -                   |
| Angle of Internal Friction of Backfill             | -            | XXX                 |
| Interface Friction Angle Between Concrete and Soil | -            | XXX                 |
| Nominal Cohesion                                   | XXX   psf    | -                   |
| Factored Cohesion                                  | XXX   psf    | -                   |

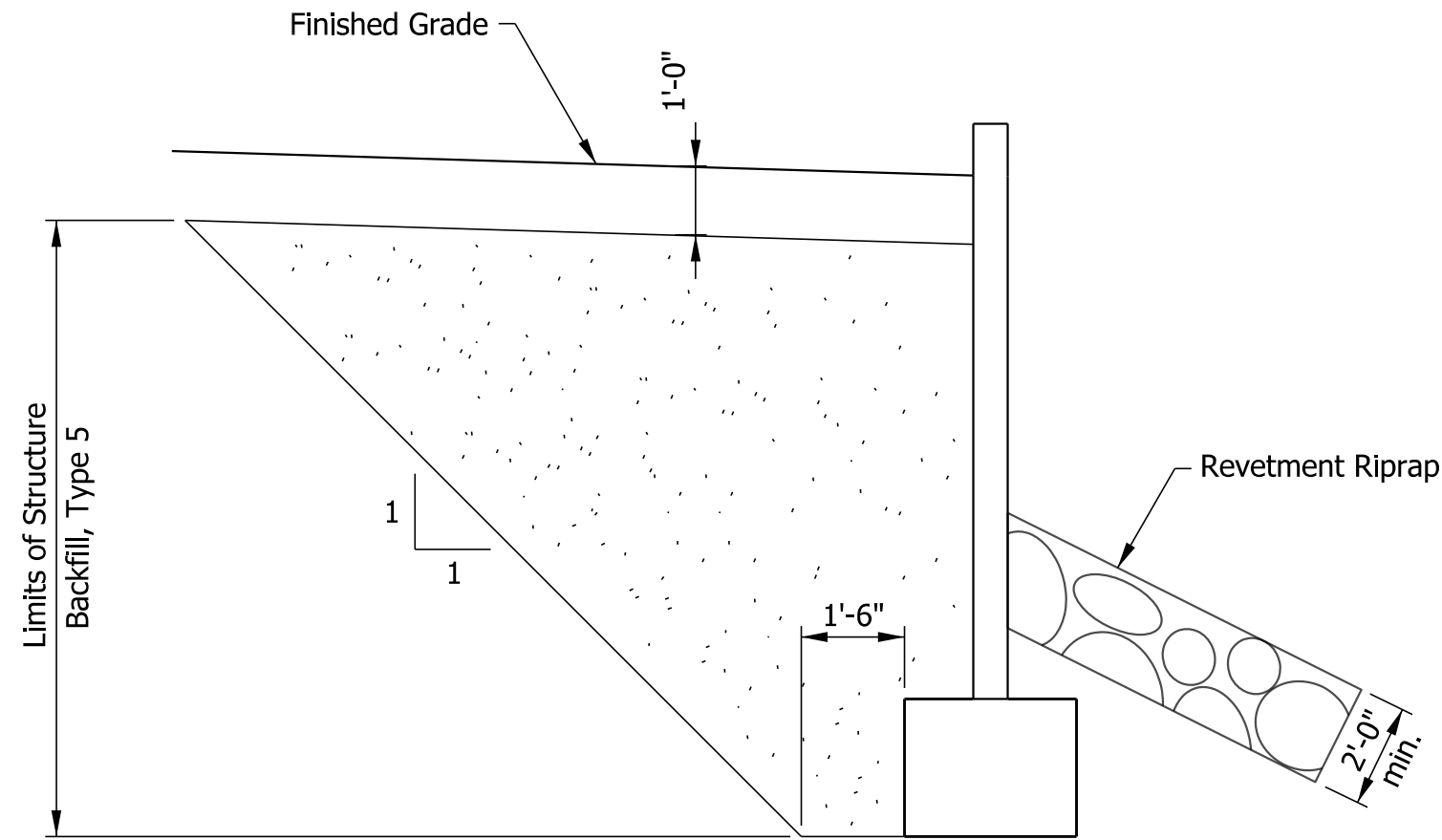


WINGWALL ELEVATION  
Scale: 3/16" = 1'-0"

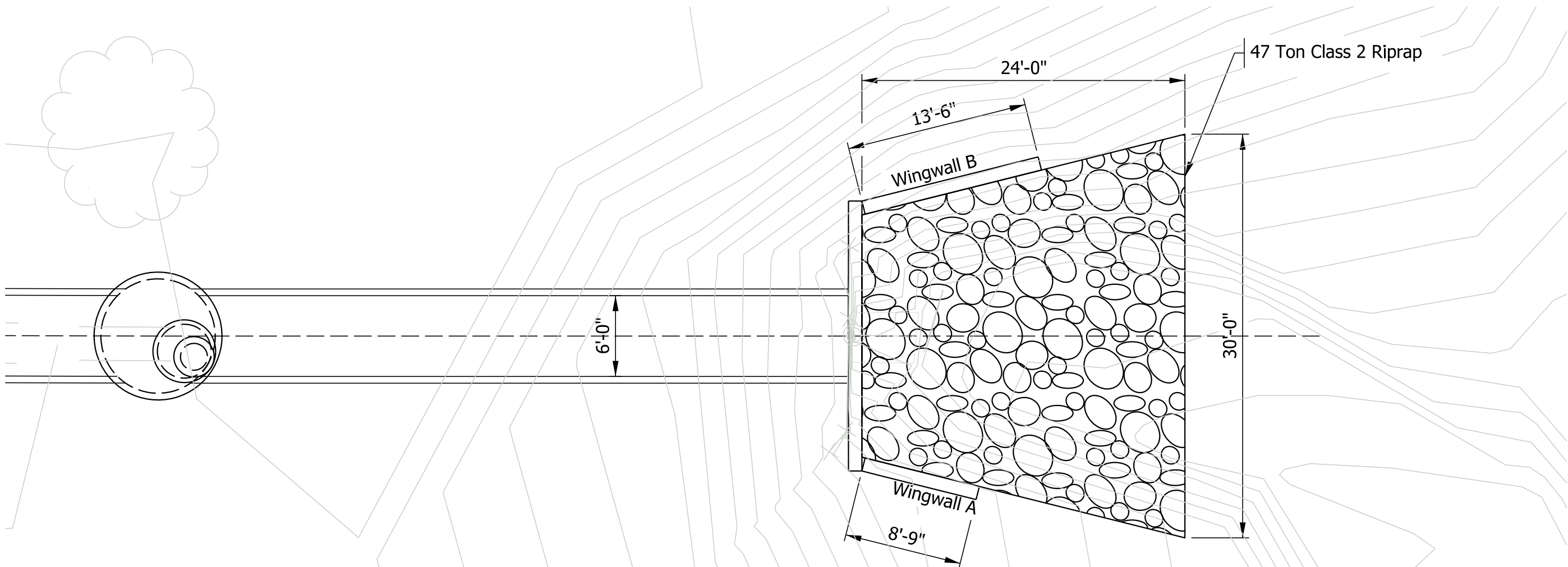
| Wingwall Design Data |        |            |
|----------------------|--------|------------|
| Wingwall Elevations  |        |            |
| Elev.                | A      | B          |
| 1                    | 433.67 | 433.67     |
| 2                    | 430.67 | 433.05     |
| 3                    | 426.17 | 426.17     |
| 4                    | 426.17 | 426.17     |
| Wingwall Dimensions  |        |            |
|                      | A      | B          |
| H1                   | 7'-6"  | 7'-6"      |
| H2                   | 4'-6"  | 6'-10 1/2" |
| L1                   | 0'-3"  | 0'-3"      |
| L2                   | 9'-0"  | 13'-9"     |
| Area (SFT)           | 54.375 | 98.94      |



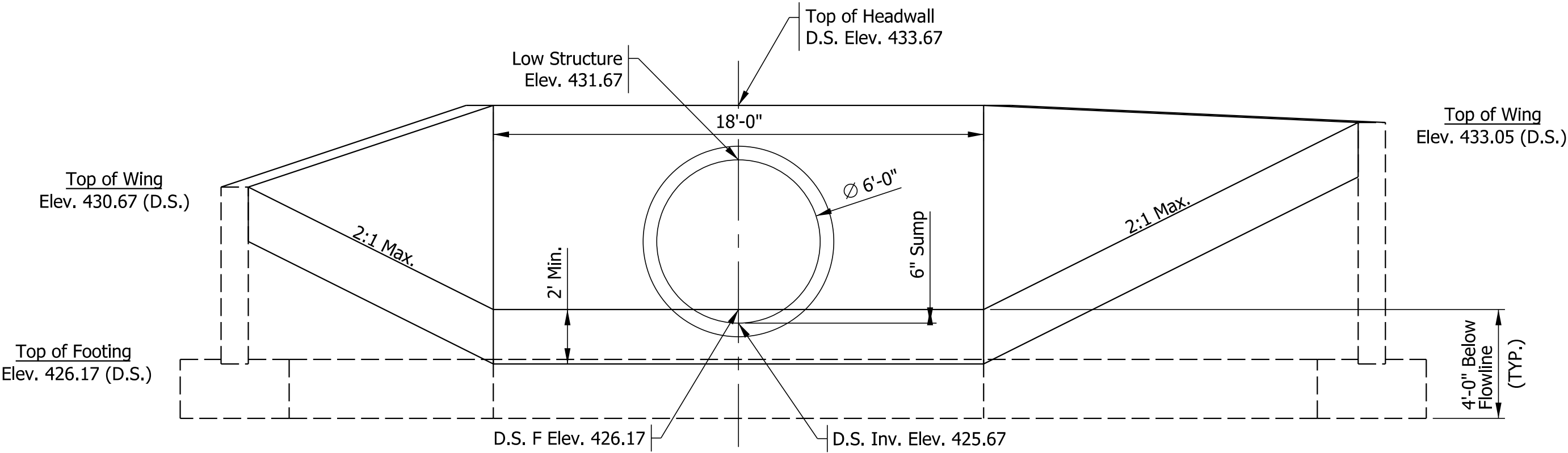
TYPICAL SECTION  
Backfill Requirements at Pipe  
Scale: 3/8" = 1'-0"



TYPICAL SECTION  
Backfill Requirements at Wingwall  
Scale: 3/8" = 1'-0"



END ELEVATION  
Scale: 1/8" = 1'-0"



END ELEVATION  
Scale: 1/4" = 1'-0"



NOT FOR  
CONSTRUCTION

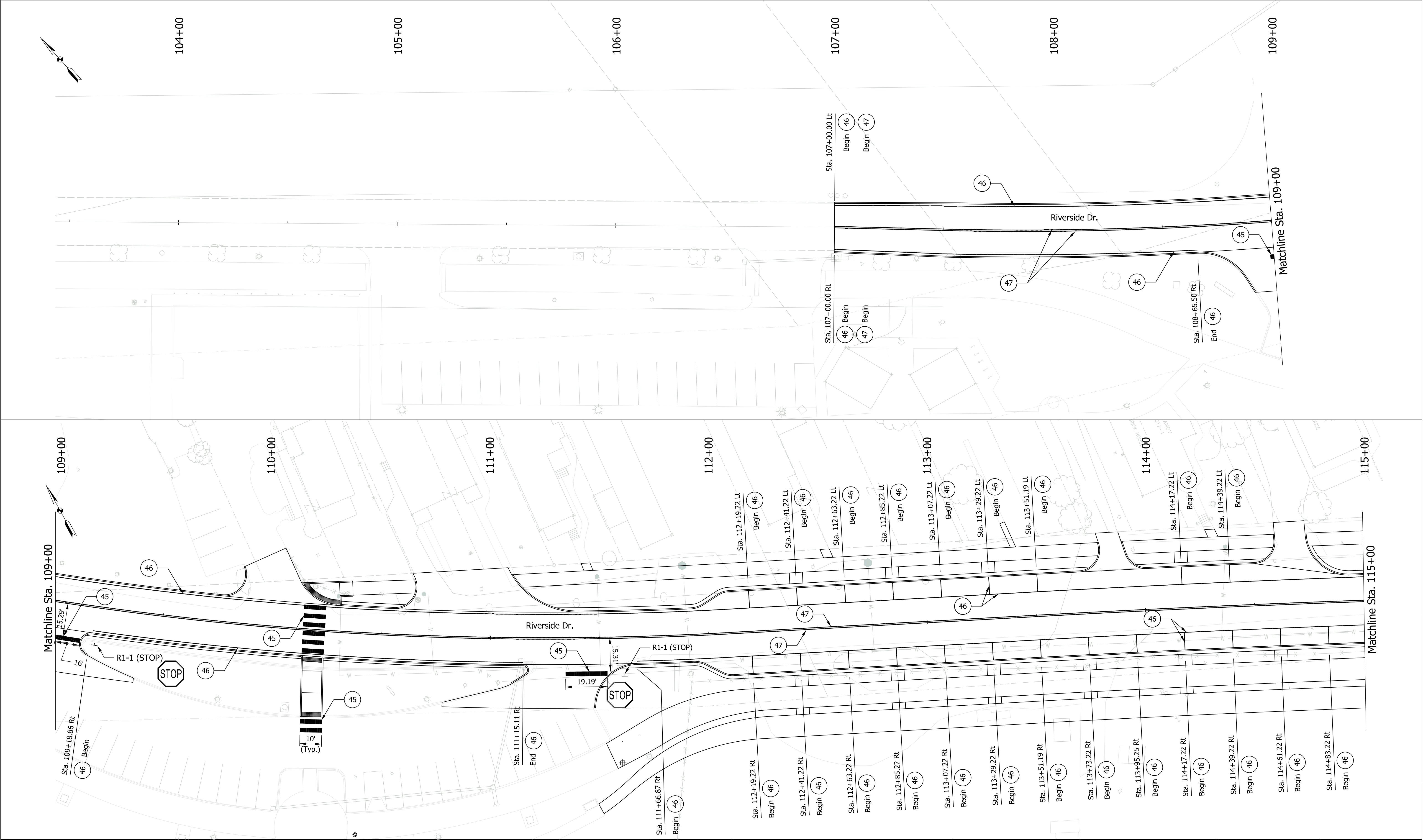
|                          |                 |              |            |
|--------------------------|-----------------|--------------|------------|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | 04/01/2020   | DATE       |
| DESIGNED: NDH            | 04/01/2020      | DRAWN: NDH   | 04/01/2020 |
| CHECKED: LNB             | 04/01/2020      | CHECKED: LNB | 04/01/2020 |

TOWN OF CLARKSVILLE

GENERAL PLAN

|             |             |       |
|-------------|-------------|-------|
| SCALE       | BRIDGE FILE |       |
| AS NOTED    | N/A         |       |
|             | DESIGNATION |       |
|             | 1700725     |       |
| SURVEY BOOK | SHEETS      |       |
| N/A         | 62          | of 83 |
| CONTRACT    | PROJECT     |       |
| R-40289     | 1700725     |       |





- LEGEND
- (45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
  - (46) Line, Thermoplastic, Solid, White, 4 in.
  - (47) Line, Thermoplastic, Solid, Yellow, 4 in.
  - (37) Bicycle Path, Thermoplastic Pavement Message

NOT FOR  
CONSTRUCTION

|                          |            |              |            |
|--------------------------|------------|--------------|------------|
| RECOMMENDED FOR APPROVAL |            | 04/01/2020   |            |
| DESIGN ENGINEER          |            | DATE         |            |
| DESIGNED: NDH            | 04/01/2020 | DRAWN: NDH   | 04/01/2020 |
| CHECKED: LNB             | 04/01/2020 | CHECKED: LNB | 04/01/2020 |

|                                  |  |
|----------------------------------|--|
| TOWN OF CLARKSVILLE              |  |
| PAVEMENT MARKINGS & SIGNAGE PLAN |  |
| RIVERSIDE DRIVE                  |  |

|             |             |       |
|-------------|-------------|-------|
| SCALE       | BRIDGE FILE |       |
| 1" = 20'    | N/A         |       |
|             | DESIGNATION |       |
|             | 1700725     |       |
| SURVEY BOOK | SHEETS      |       |
| N/A         | 63          | of 83 |
| CONTRACT    | PROJECT     |       |
| R-40289     | 1700725     |       |



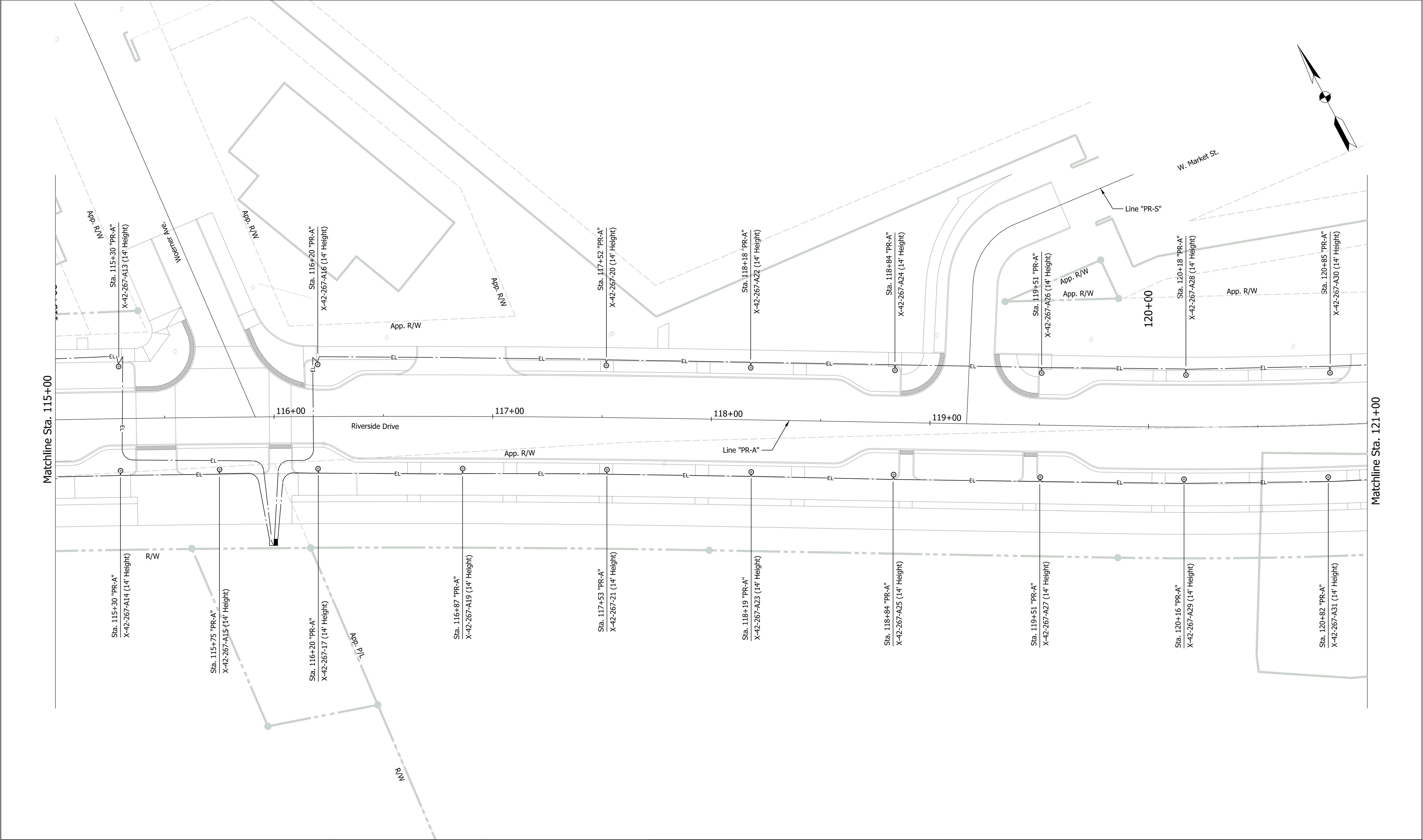






|                                                                                                                                                                                                       |                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LEGEND</b><br><div>⊙ Light Standard &amp; Foundation w/52 Watt L.E.D., Height 14' Roadway Luminaire Mounted on Anchor Base.</div> <div>—EL— Lighting Circuit</div> <div> Controller, Cabinet</div> | <b>LUMINAIRE IDENTIFICATION</b> <div>X-42-267-01</div> <div><div></div>Luminaire No.</div> <div><div></div>Cross Road No. (SR 267)</div> <div><div></div>Mainline (SR 42)</div> <div><div></div>County No. X</div> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|





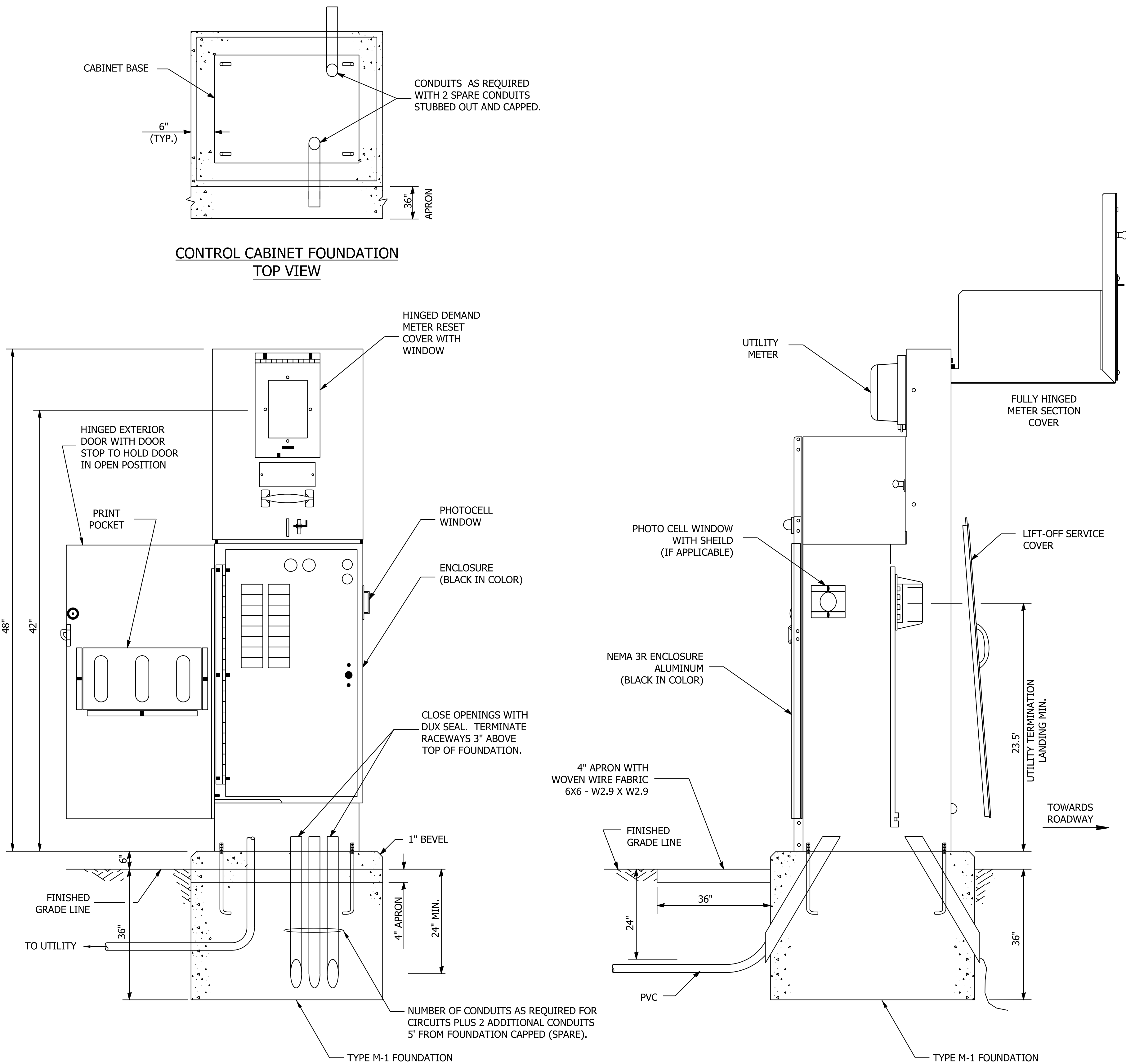
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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LEGEND</b><br><div>☉ Light Standard &amp; Foundation w/52 Watt L.E.D., Height 14' Roadway Luminaire Mounted on Anchor Base.</div> <div>—EL— Lighting Circuit</div> <div> Controller, Cabinet</div> | <b>LUMINAIRE IDENTIFICATION</b><br><div>X-42-267-01</div> <div><div></div> Luminaire No.</div> <div><div></div> Cross Road No. (SR 267)</div> <div><div></div> Mainline (SR 42)</div> <div><div></div> County No. X</div> |
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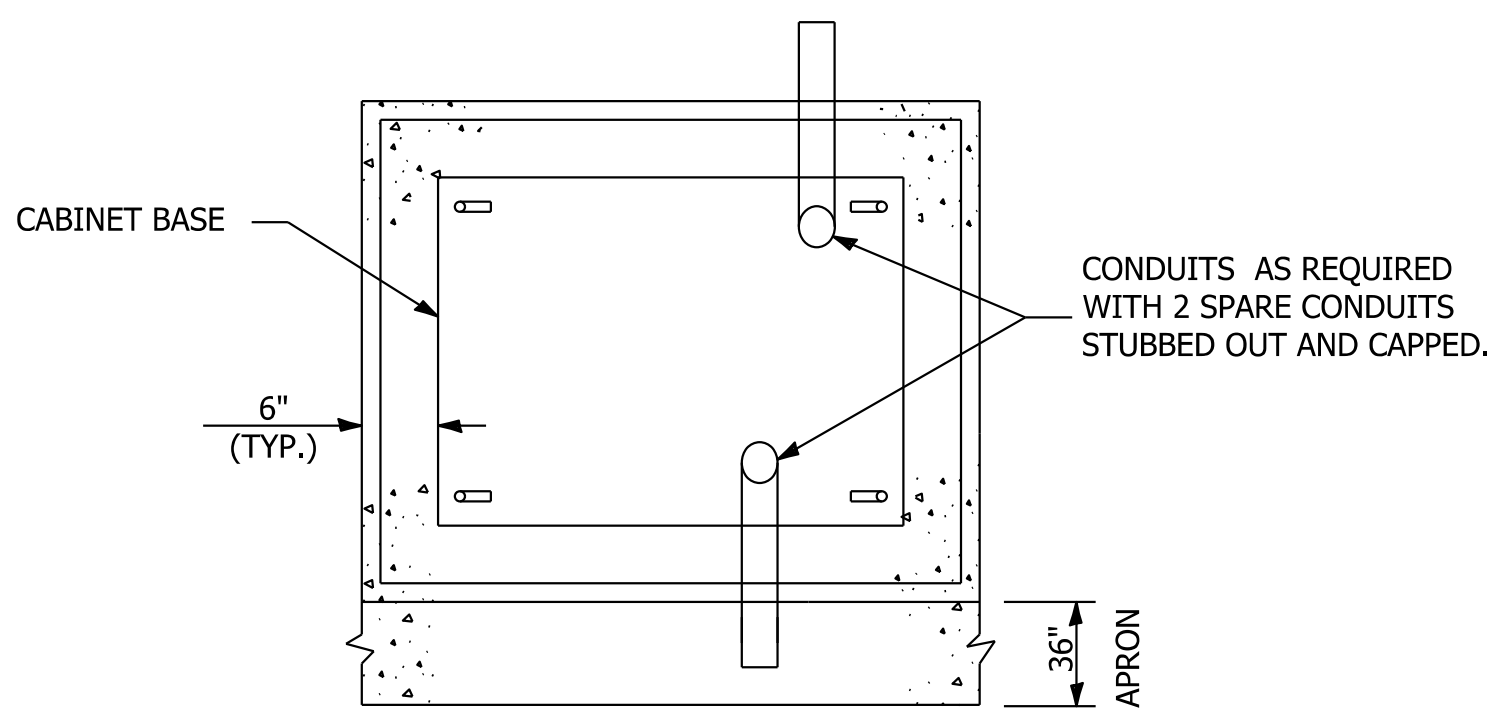
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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------|--|------------------------------------------------------------------------------------------------------|--|--------------------------------|--|------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------|--|
| <div>LEGEND</div> <div><div><div><div></div></div><div>Light Standard &amp; Foundation w/52 Watt L.E.D., Height 14' Roadway Luminaire Mounted on Anchor Base.</div></div><div><div><div></div></div><div>Lighting Circuit</div></div><div><div><div></div></div><div>Controller, Cabinet</div></div></div> |  | <div>LUMINAIRE IDENTIFICATION</div> <div><div><div></div><div>X-42-267-01</div></div><div><div></div><div>Luminaire No.</div></div><div><div></div><div>Cross Road No. (SR 267)</div></div><div><div></div><div>Mainline (SR 42)</div></div><div><div></div><div>County No. X</div></div></div> |  | <div>NOT FOR CONSTRUCTION</div> |  | <div>RECOMMENDED FOR APPROVAL</div> <div>DESIGN ENGINEER</div> <div>04/01/2020</div> <div>DATE</div> |  | <div>TOWN OF CLARKSVILLE</div> |  | <div>SCALE</div> <div>1" = 20'</div>                                         |  | <div>BRIDGE FILE</div> <div>N/A</div> <div>DESIGNATION</div> <div>1700725</div>                   |  |
|                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                 |  |                                 |  | <div>DESIGNED: NDH</div> <div>04/01/2020</div> <div>DRAWN: NDH</div> <div>04/01/2020</div>           |  | <div>LIGHTING DETAILS</div>    |  | <div>SURVEY BOOK</div> <div>N/A</div> <div>CONTRACT</div> <div>R-40289</div> |  | <div>SHEETS</div> <div>67</div> <div>of</div> <div>83</div> <div>PROJECT</div> <div>1700725</div> |  |
|                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                 |  |                                 |  | <div>CHECKED: LNB</div> <div>04/01/2020</div> <div>CHECKED: LNB</div> <div>04/01/2020</div>          |  |                                |  |                                                                              |  |                                                                                                   |  |



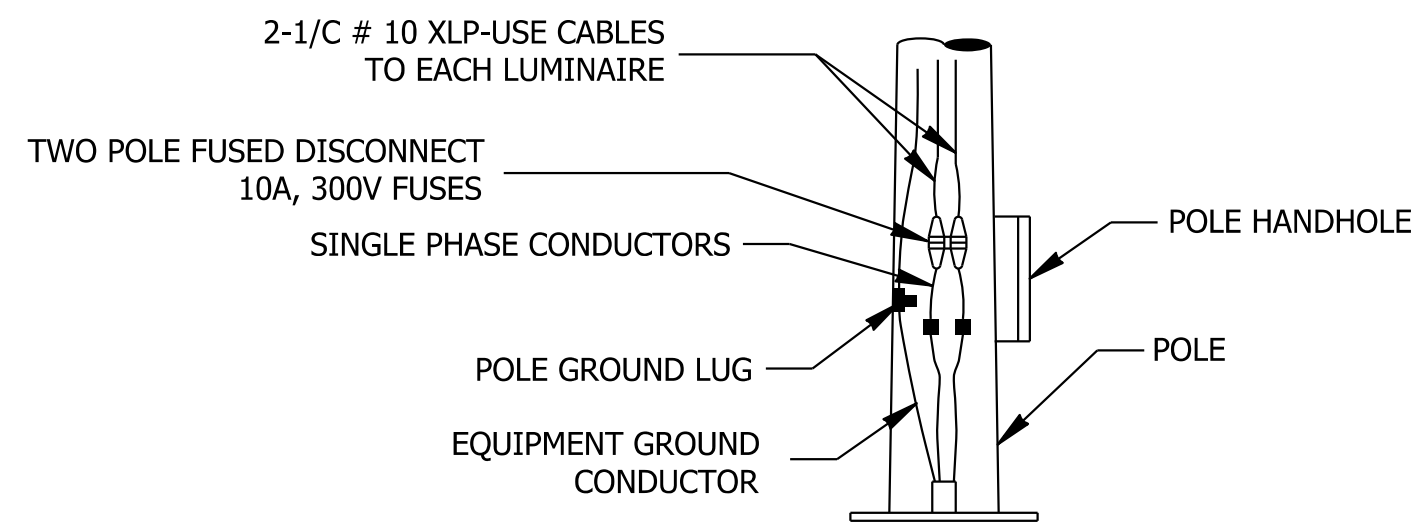


CONTROL, LIGHTING AND FOUNDATION DETAIL

N.T.S

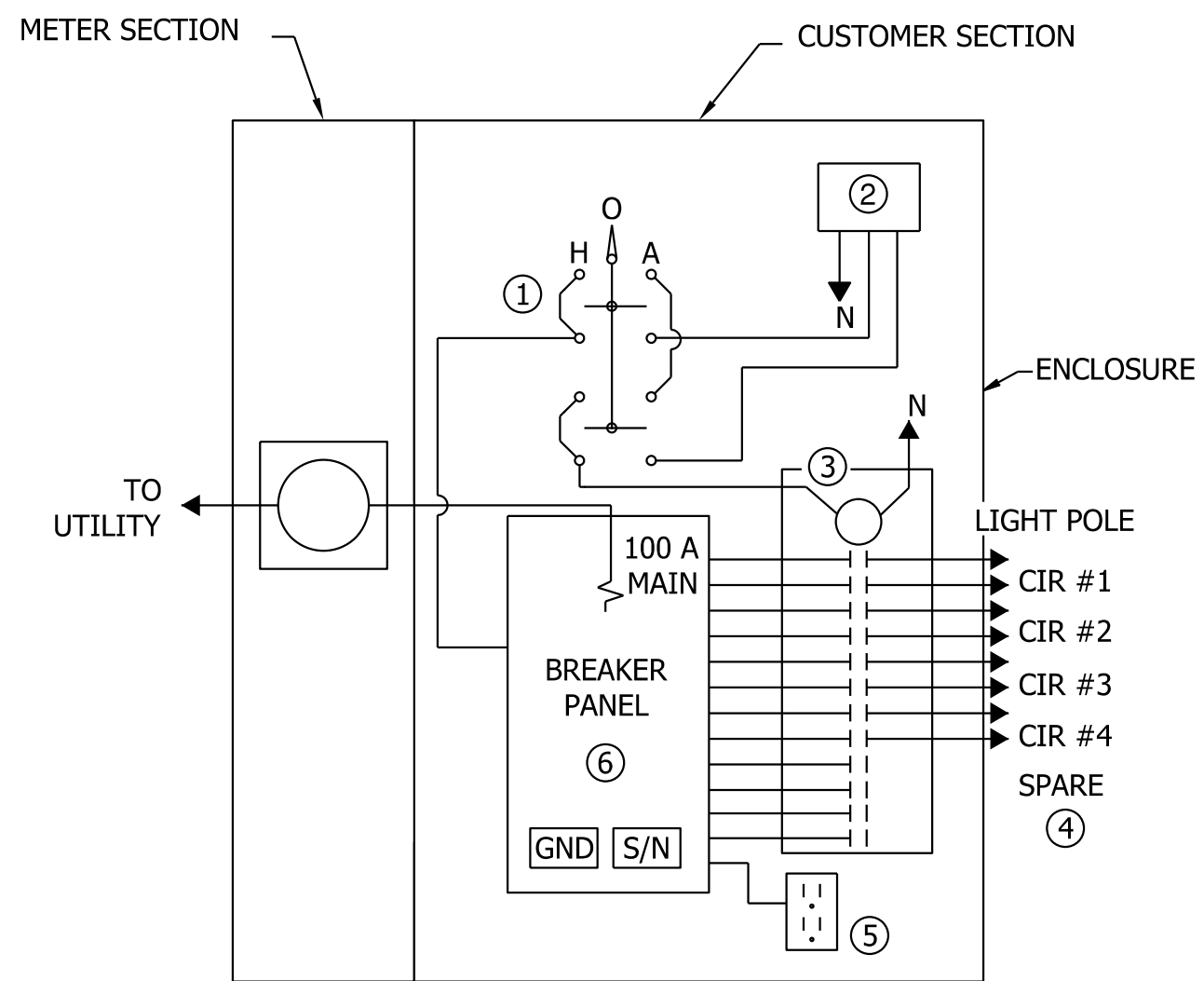


CONTROL CABINET FOUNDATION  
TOP VIEW



POLE BASE WIRING

N.T.S



NOTES

- ① H-O-A SWITCH WITH ENGRAVED NAMEPLATE AS DETAILED, MOUNTED BEHIND DOOR.
- ② PHOTOCELL WITH INTEGRAL SURGE SUPPRESSOR.
- ③ CONTACTOR, 30A, 12P, 120V COIL, ELECTRICALLY HELD.
- ④ GND AND NEUTRAL CONDUCTORS NOT SHOW FOR CLARITY.
- ⑤ 20 AMP, GFCI CONVENIENCE DUPLEX RECEPTACLE.
- ⑥ 100A, 120/240V, SINGLE PHASE, 3 WIRE, 20 POLE BREAKER PANEL WITH 100A MAIN CB OR EQUIVALENT PROVIDE 4 20A, 1P CB AND 8 20A 2P CB

WIRING DIAGRAM

N.T.S

NOT FOR  
CONSTRUCTION

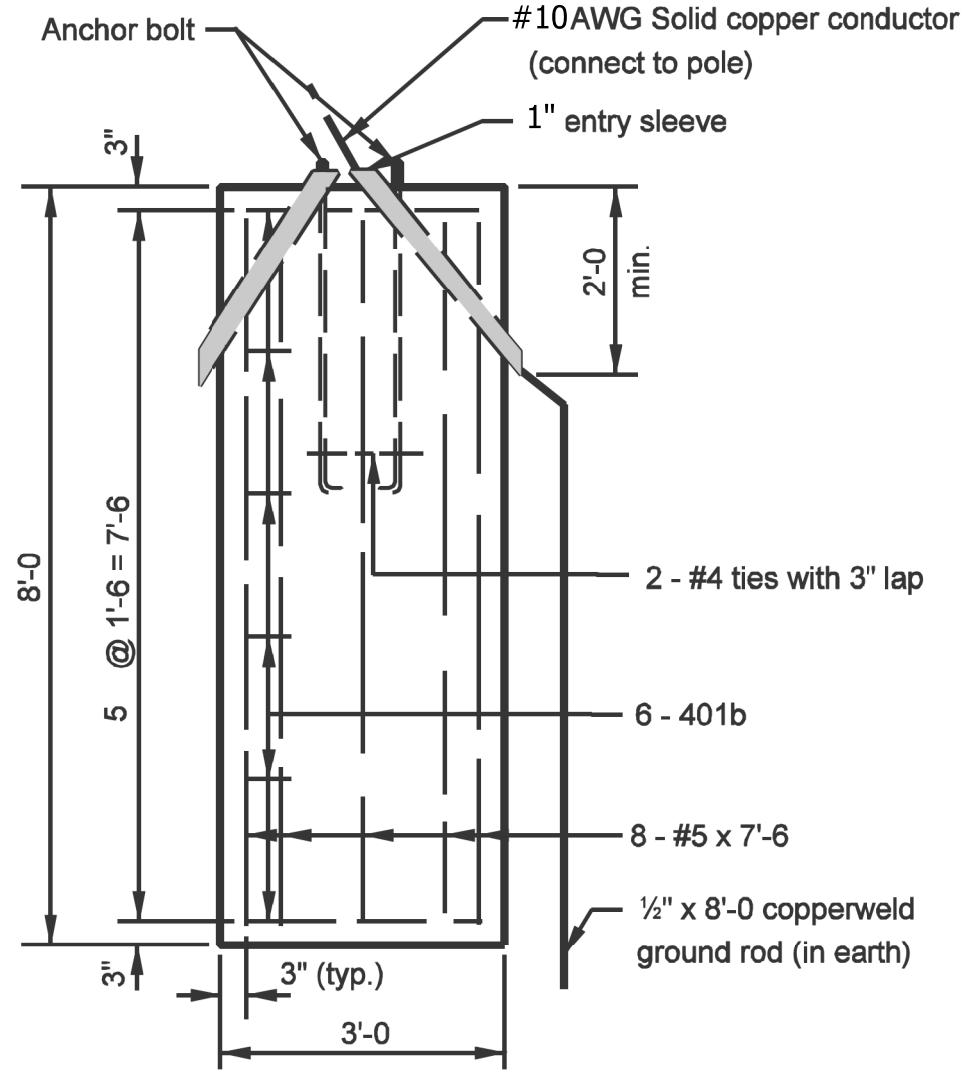
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| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER | 04/01/2020   | DATE       |
| DESIGNED: NDH            | 04/01/2020      | DRAWN: NDH   | 04/01/2020 |
| CHECKED: LNB             | 04/01/2020      | CHECKED: LNB | 04/01/2020 |

TOWN OF CLARKSVILLE

DETAILS  
LIGHTING PLANS

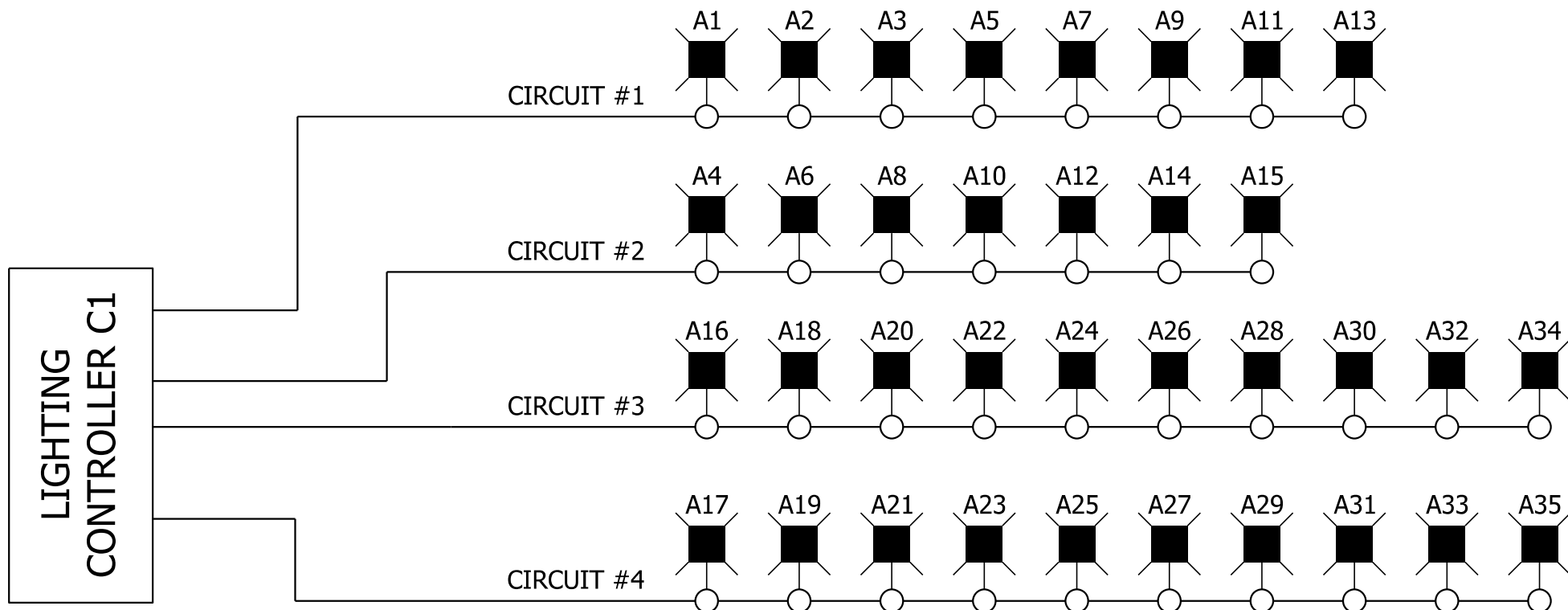
|             |             |
|-------------|-------------|
| SCALE       | BRIDGE FILE |
| NTS         | N/A         |
|             | DESIGNATION |
|             | 1700725     |
| SURVEY BOOK | SHEETS      |
| N/A         | 68 of 83    |
| CONTRACT    | PROJECT     |
| R-40289     | 1700725     |





FIXTURE A ROUND FOUNDATION DETAIL

N.T.S



LIGHTING CIRCUIT DIAGRAM

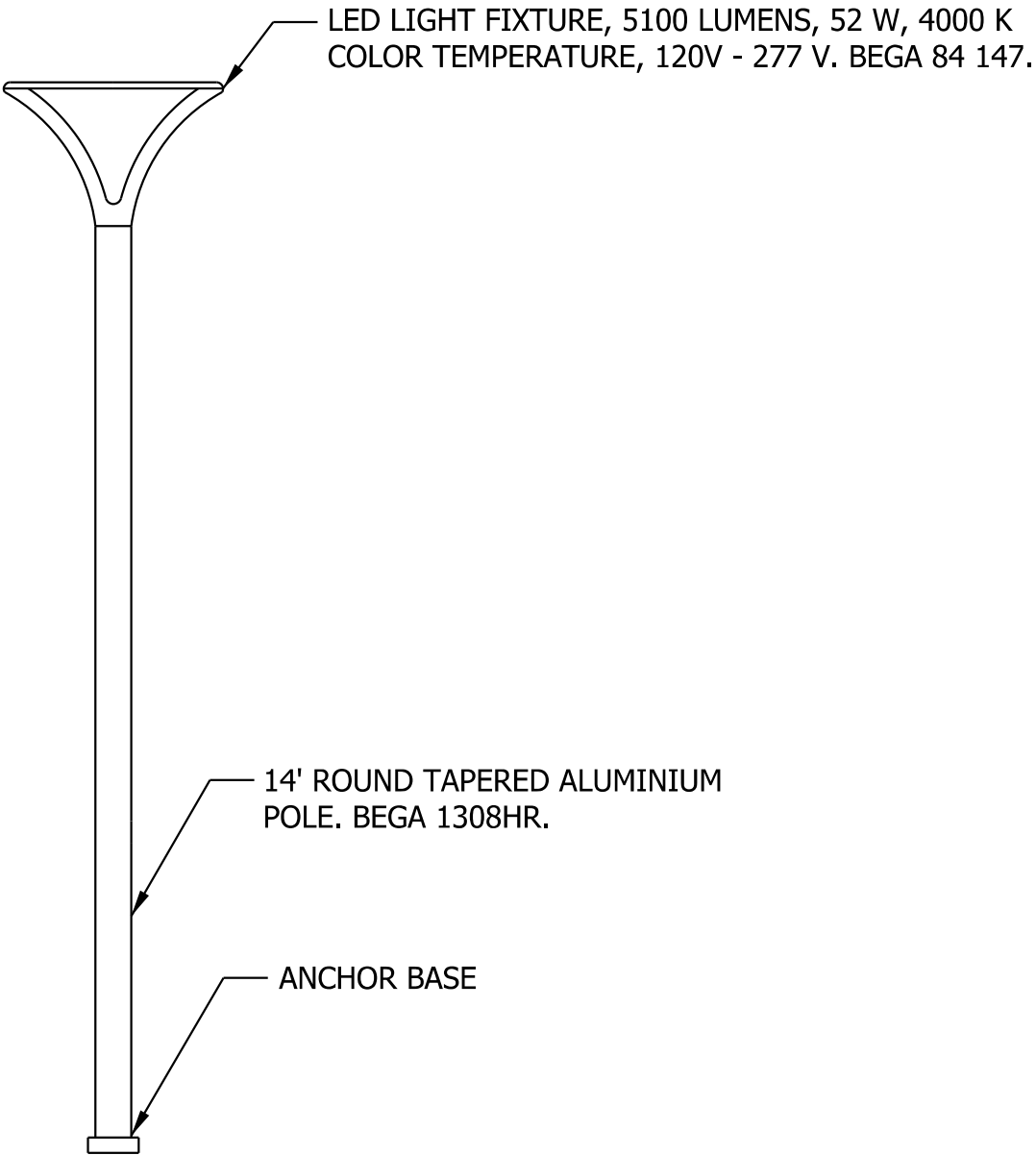
N.T.S

GENERAL NOTES:

1. All lighting circuit conductors shall be #10 AWG (Two 1/C #10 XLP-USE and one 1/C #10 GND).
2. All conduits shall be Rigid Non-Metallic 1" Schedule 40 PVC or HDPE depending on installation method used.

GENERAL NOTES:

1. The proposed luminaire locations and electrical circuits are schematic and the final locations of the foundations may require field adjustments. The luminaire locations may be adjusted up to 5' do to existing & proposed design conditions of utilities, sewers or topo. Foundation elevations may need to adjusted.
2. All offsets and foundation elevations are approximate and shall be field verified by the Contractor and approved by the Engineer prior to placement of any concrete foundations.
3. All Luminaire Pole Locations shall be located in the field and approved by the Engineer prior to ordering of any luminaire standards or placement of any foundations.



LIGHT FIXTURE A, ARM DETAIL

N.T.S

| SERVICE AMPERAGE TABLE                |              |         |                      |                                   |                        |
|---------------------------------------|--------------|---------|----------------------|-----------------------------------|------------------------|
| VOLTAGE                               | MAIN BREAKER | CIRCUIT | BRANCH CIRCUIT COLOR | BRANCH CIRCUIT DESIGN LOAD (AMPS) | BRANCH CIRCUIT BREAKER |
| CONTROLLER #1<br>120/240VAC (SERVICE) | 100A         | CKT 1   | RED                  | 1.5                               | 20A                    |
|                                       |              |         | BLACK                |                                   |                        |
|                                       |              | CKT 2   | RED                  | 1.7                               | 20A                    |
|                                       |              |         | BLACK                |                                   |                        |
|                                       |              | CKT 3   | RED                  | 2.2                               | 20A                    |
|                                       |              |         | BLACK                |                                   |                        |
|                                       |              | CKT 4   | RED                  | 2.2                               | 20A                    |
|                                       |              |         | BLACK                |                                   |                        |

| DESIGN DATA TABLE                   |        |
|-------------------------------------|--------|
| INITIAL LAMP LUMEN (LL) 52 WATT LED | 5100   |
| AVERAGE MAINTAINED ILLUMINACE       | 0.8 fc |
| UNIFORMITY RATIO                    | 4:1    |
| LIGHT LOSS FACTOR (LLF)             | 0.9    |
| MOUNTING HEIGHT                     | 14 ft  |
| PAVEMENT CLASSIFICATION             | R3     |

NOT FOR  
CONSTRUCTION

|                                                                   |                         |  |  |
|-------------------------------------------------------------------|-------------------------|--|--|
| RECOMMENDED FOR APPROVAL _____ 04/01/2020<br>DESIGN ENGINEER DATE |                         |  |  |
| DESIGNED: NDH 04/01/2020                                          | DRAWN: NDH 04/01/2020   |  |  |
| CHECKED: LNB 04/01/2020                                           | CHECKED: LNB 04/01/2020 |  |  |

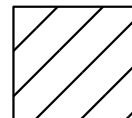
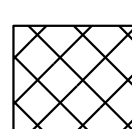
TOWN OF CLARKSVILLE

DETAILS  
LIGHTING PLANS

|             |             |       |
|-------------|-------------|-------|
| SCALE       | BRIDGE FILE |       |
| NTS         | N/A         |       |
|             | DESIGNATION |       |
|             | 1700725     |       |
| SURVEY BOOK | SHEETS      |       |
| N/A         | 69          | of 83 |
| CONTRACT    | PROJECT     |       |
| R-40289     | 1700725     |       |





-  Houses and Buildings, Remove, Parcel No. XX
-  Excavation, Common, Parking Lot Demolition, Backfill with Borrow, Grade to Drain and Seed with Mulched Seeding, U

NOT FOR  
CONSTRUCTION

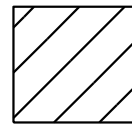
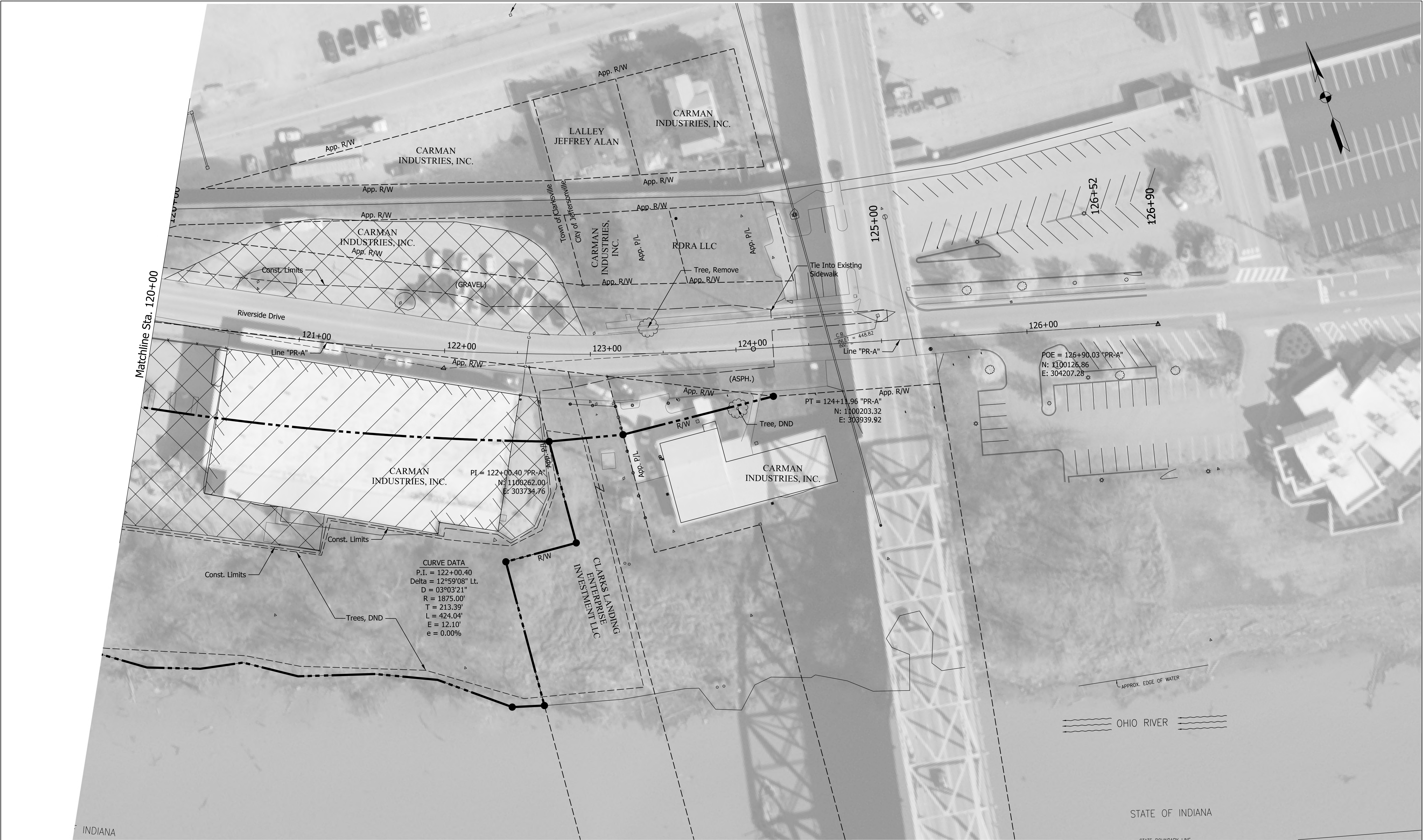
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| RECOMMENDED FOR APPROVAL |            | 04/01/2020   |            |
| DESIGN ENGINEER          |            | DATE         |            |
| DESIGNED: NDH            | 04/01/2020 | DRAWN: NDH   | 04/01/2020 |
| CHECKED: LNB             | 04/01/2020 | CHECKED: LNB | 04/01/2020 |

TOWN OF CLARKSVILLE

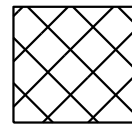
SITE PLAN - DEMOLITION  
RIVERSIDE DRIVE

|             |  |             |       |
|-------------|--|-------------|-------|
| SCALE       |  | BRIDGE FILE |       |
| XXX         |  | N/A         |       |
|             |  | DESIGNATION |       |
|             |  | 1700725     |       |
| SURVEY BOOK |  | SHEETS      |       |
| N/A         |  | 70          | of 83 |
| CONTRACT    |  | PROJECT     |       |
| R-40289     |  | 1700725     |       |





Houses and Buildings, Remove, Parcel No. XX



Excavation, Common, Parking Lot Demolition, Backfill with Borrow, Grade to Drain and Seed with Mulched Seeding, U

NOT FOR  
CONSTRUCTION

|                          |            |              |            |
|--------------------------|------------|--------------|------------|
| RECOMMENDED FOR APPROVAL |            | 04/01/2020   |            |
| DESIGN ENGINEER          |            | DATE         |            |
| DESIGNED: NDH            | 04/01/2020 | DRAWN: NDH   | 04/01/2020 |
| CHECKED: LNB             | 04/01/2020 | CHECKED: LNB | 04/01/2020 |

TOWN OF CLARKSVILLE

SITE PLAN - DEMOLITION  
RIVERSIDE DRIVE

SCALE

1" = 30'

BRIDGE FILE

N/A

DESIGNATION

1700725

SURVEY BOOK

N/A

CONTRACT

R-40289

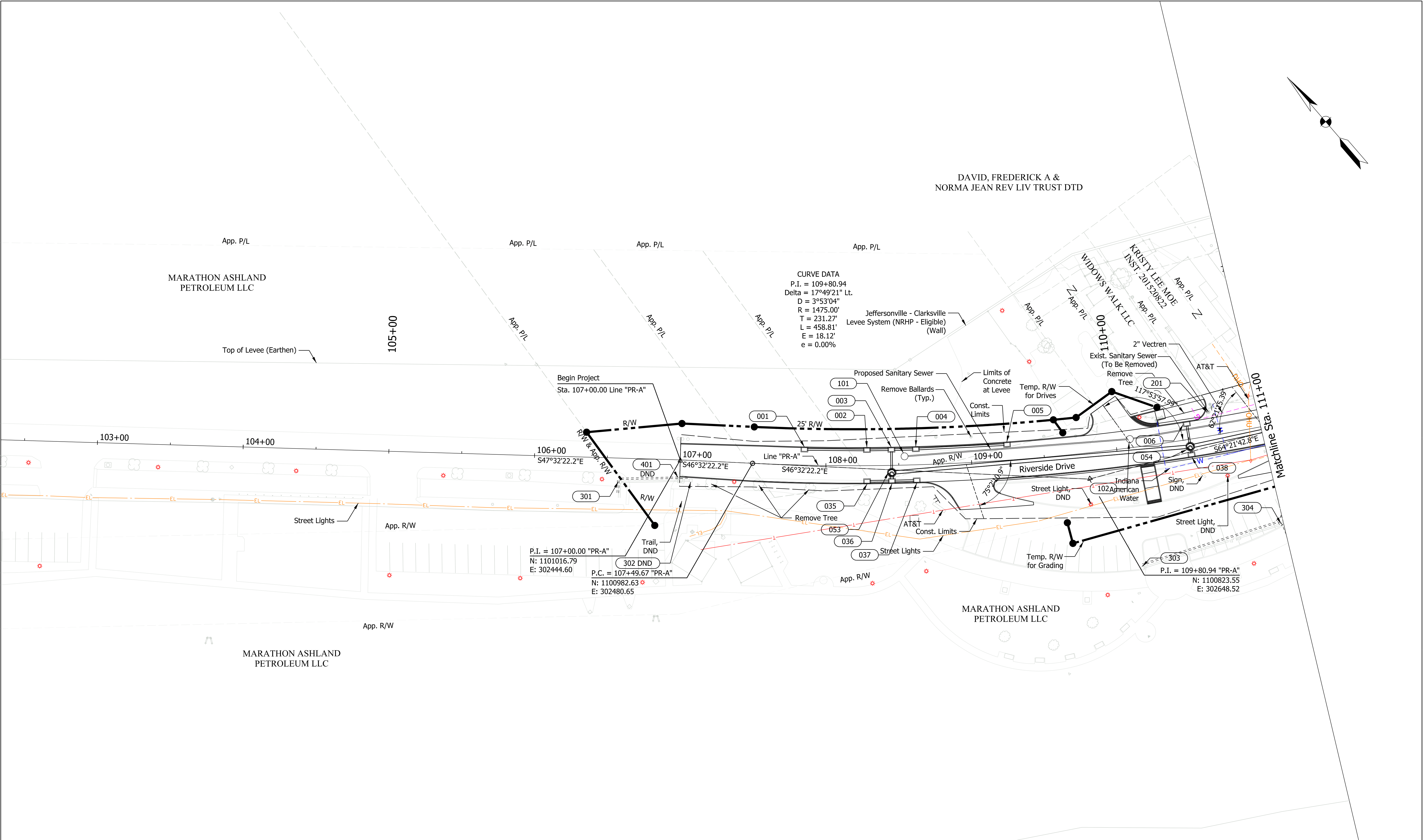
SHEETS

71 of 83

PROJECT

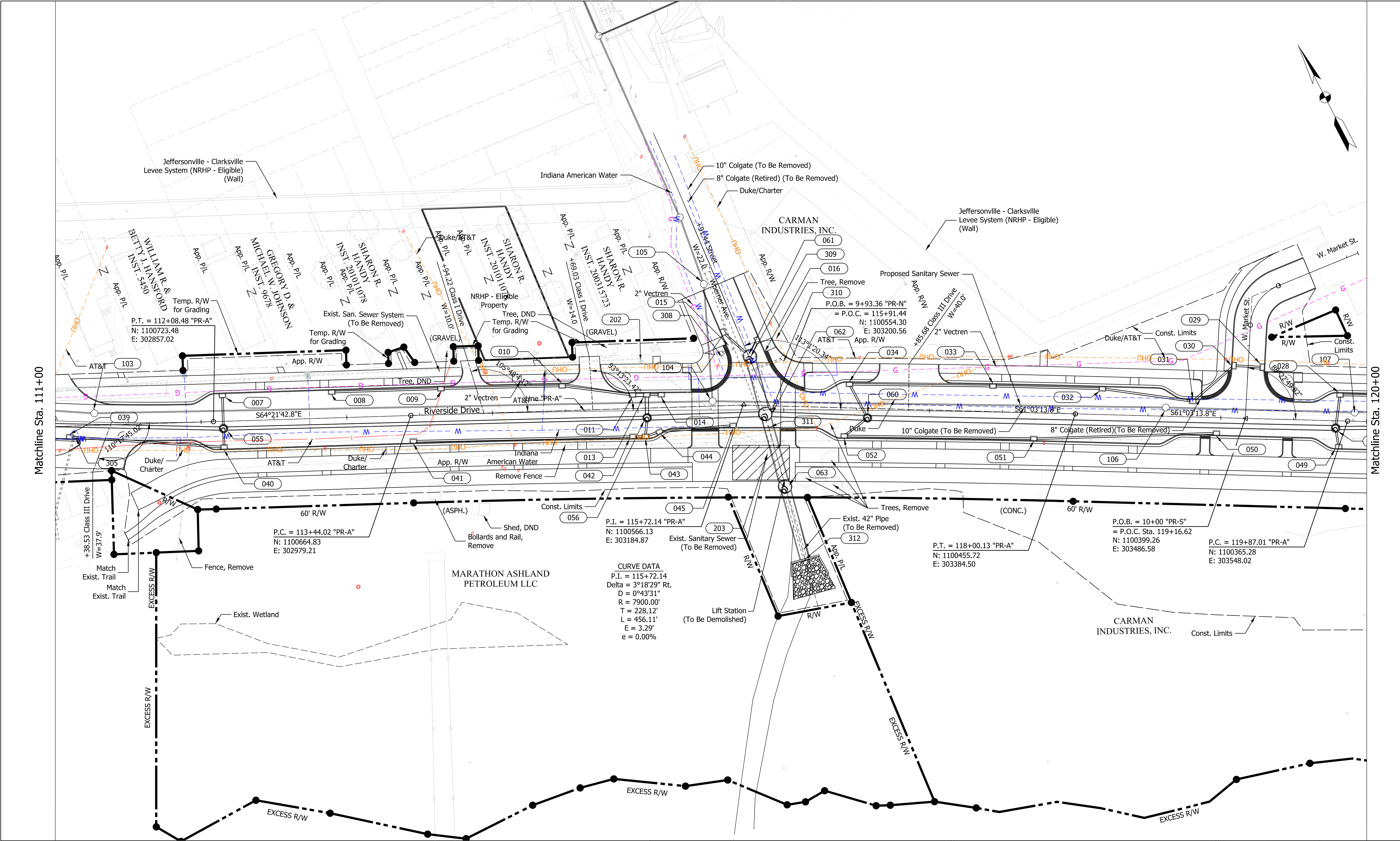
1700725





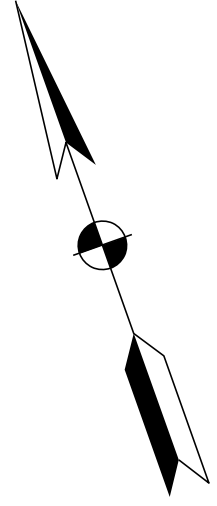
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|              | NOT FOR<br>CONSTRUCTION | RECOMMENDED<br>FOR APPROVAL |  | 3/30/2020    |  | TOWN OF CLARKSVILLE |  | SCALE                              |  | BRIDGE FILE |  |          |  |
|              |                         | DESIGN ENGINEER             |  | DATE         |  |                     |  | 1" = 30'                           |  | N/A         |  |          |  |
|              |                         |                             |  |              |  |                     |  | DESIGNATION                        |  |             |  |          |  |
|              |                         |                             |  |              |  |                     |  | 1700725                            |  |             |  |          |  |
|              |                         | DESIGNED: NDH               |  | 3/30/2020    |  | DRAWN: NDH          |  | 3/30/2020                          |  | SURVEY BOOK |  | SHEETS   |  |
|              |                         |                             |  |              |  |                     |  |                                    |  | N/A         |  | 72 of 83 |  |
| CHECKED: LNB |                         | 3/30/2020                   |  | CHECKED: LNB |  | 3/30/2020           |  | UTILITY DETAILS<br>RIVERSIDE DRIVE |  | CONTRACT    |  | PROJECT  |  |
|              |                         |                             |  |              |  |                     |  |                                    |  | R-40289     |  | 1700725  |  |





|                         |                                |  |                        |  |                                    |          |             |         |             |  |
|-------------------------|--------------------------------|--|------------------------|--|------------------------------------|----------|-------------|---------|-------------|--|
| NOT FOR<br>CONSTRUCTION | RECOMMENDED FOR APPROVAL _____ |  | 3/30/2020              |  | TOWN OF CLARKSVILLE                |          | SCALE       |         | BRIDGE FILE |  |
|                         | DESIGN ENGINEER _____          |  | DATE                   |  |                                    |          | 1" = 30'    |         | N/A         |  |
|                         | DESIGNED: NDH 3/30/2020        |  | DRAWN: NDH 3/30/2020   |  | UTILITY DETAILS<br>RIVERSIDE DRIVE |          | DESIGNATION |         | 1700725     |  |
|                         | CHECKED: LNB 3/30/2020         |  | CHECKED: LNB 3/30/2020 |  |                                    |          | SURVEY BOOK |         | SHEETS      |  |
|                         |                                |  |                        |  |                                    |          | N/A         |         | 73 of 8     |  |
|                         |                                |  |                        |  |                                    | CONTRACT |             | PROJECT |             |  |
|                         |                                |  |                        |  |                                    | R-40289  |             | 1700725 |             |  |





CURVE DATA  
P.I. = 122+00.40  
Delta = 12°59'08" Lt.  
D = 03°03'21"  
R = 1875.00'  
T = 213.39'  
L = 424.04'  
E = 12.10'  
e = 0.00%

PI = 122+00.40 "PR-A"  
N: 1100262.00  
E: 303734.76

End Pavement Reconstruction  
Sta. 124+25.28 Line "PR-A"  
PT = 124+11.96 "PR-A"  
N: 1100203.32  
E: 303939.92

POE = 126+90.03 "PR-A"  
N: 1100126.86  
E: 304207.28

NOT FOR  
CONSTRUCTION

|                                                  |           |              |           |
|--------------------------------------------------|-----------|--------------|-----------|
| RECOMMENDED FOR APPROVAL _____ 3/30/2020<br>DATE |           |              |           |
| DESIGN ENGINEER                                  |           |              |           |
| DESIGNED: NDH                                    | 3/30/2020 | DRAWN: NDH   | 3/30/2020 |
| CHECKED: LNB                                     | 3/30/2020 | CHECKED: LNB | 3/30/2020 |

|                                    |  |
|------------------------------------|--|
| TOWN OF CLARKSVILLE                |  |
| UTILITY DETAILS<br>RIVERSIDE DRIVE |  |

|                     |                        |  |
|---------------------|------------------------|--|
| SCALE<br>1" = 30'   | BRIDGE FILE<br>N/A     |  |
|                     | DESIGNATION<br>1700725 |  |
| SURVEY BOOK<br>N/A  | SHEETS<br>74 of 83     |  |
| CONTRACT<br>R-40289 | PROJECT<br>1700725     |  |



| STRUCTURE DATA   |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
|------------------|-------------|------|-------|-------|--------|------|------------------|------------|--------|------|-----------------|-----------------------------------------------------|--------|----------------|---------------------|--------------|-----------------|-----------------------|-----------------------|---------------|-----------------|-----------------|---------------------------------|---------|
| STRUCTURE NUMBER | LOCATION    |      |       |       |        | SIZE | DESCRIPTION      |            | LENGTH | SKEW | FLOW LINE       |                                                     |        | TOP OF CASTING | PIPE END SECTION(S) | SERVICE LIFE | BACKFILL METHOD | STR. BACKFILL, TYPE 1 | STR. BACKFILL, TYPE 2 | CORE DRILLING | CONNECT TO STR. | REVTMENT RIPRAP | GEOTEXTILES FOR RIPRAP, TYPE 1A | REMARKS |
|                  | STATION     | LEFT | RIGHT | CROSS | OFFSET |      |                  |            |        |      | INDOT PIPE TYPE | MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE | COVER  |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
|                  |             |      |       |       |        |      | FT               | INCHES     |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
|                  | LINE "PR-A" |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
|                  | STORM       |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 1                | 107+85      | X    |       |       | 10.75  | 12   | Type 2, Circular | INLET, B15 | 42     |      | 1.000           | 444.15                                              | 443.92 | 447.17         |                     | 75           | 1               |                       |                       |               | 2               |                 |                                 |         |
| 2                | 108+28      | X    |       |       | 10.75  | 12   | Type 2, Circular | INLET, C15 | 17     |      | 1.250           | 443.80                                              | 443.64 | 447.07         |                     | 75           | 1               |                       |                       |               | 3               |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 3                | 108+45      | X    |       |       | 10.75  | 12   | Type 2, Circular | INLET, C15 | 16     |      | 1.500           | 443.52                                              | 443.39 | 447.04         |                     | 75           | 1               |                       |                       |               | 53              |                 |                                 |         |
| 4                | 108+62      | X    |       |       | 10.75  | 12   | Type 2, Circular | INLET, C15 | 17     |      | 1.250           | 443.79                                              | 443.64 | 447.06         |                     | 75           | 1               |                       |                       |               | 3               |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 5                | 109+25      | X    |       |       | 10.75  | 12   | Type 2, Circular | INLET, B15 | 62     |      | 1.000           | 444.23                                              | 443.91 | 447.25         |                     | 75           | 1               |                       |                       |               | 4               |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 6                | 110+50      | X    |       |       | 10.75  | 12   | Type 2, Circular | INLET, B15 | 16     |      | 1.000           | 444.10                                              | 443.97 | 447.12         |                     | 75           | 1               |                       |                       |               | 54              |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 7                | 112+15      | X    |       |       | 17.75  | 12   | Type 2, Circular | INLET, B15 | 23     |      | 1.000           | 442.64                                              | 442.34 | 445.66         |                     | 75           | 1               |                       |                       |               | 55              |                 |                                 |         |
| 8                | 112+90      | X    |       |       | 17.75  | 12   | Type 2, Circular | INLET, B15 | 75     |      | 1.000           | 441.23                                              | 440.45 | 444.25         |                     | 75           | 1               |                       |                       |               | 9               |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 9                | 113+65      | X    |       |       | 17.75  | 12   | Type 2, Circular | INLET, C15 | 83     |      | 1.125           | 440.32                                              | 439.93 | 443.47         |                     | 75           | 1               |                       |                       |               | 10              |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 10               | 114+48      | X    |       |       | 17.75  | 12   | Type 2, Circular | INLET, C15 | 48     |      | 1.125           | 439.80                                              | 439.60 | 442.95         |                     | 75           | 1               |                       |                       |               | 11              |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 11               | 114+96      | X    |       |       | 10.75  | 24   | Type 2, Circular | INLET, C15 | 10     |      | 1.000           | 438.89                                              | 438.77 | 443.00         |                     | 75           | 1               |                       |                       |               | 13              |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 12               | 115+06      | X    |       |       | 34.50  | 12   | Type 2, Circular | INLET, E7  | 24     |      | 1.000           | 439.98                                              | 439.85 | 443.00         |                     | 75           | 1               |                       |                       |               | 13              |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 13               | 115+06      | X    |       |       | 10.75  | 24   | Type 2, Circular | INLET, C15 | 16     |      | 1.250           | 438.64                                              | 438.50 | 443.00         |                     | 75           | 1               |                       |                       |               | 56              |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 14               | 115+16      | X    |       |       | 10.75  | 12   | Type 2, Circular | INLET, C15 | 10     |      | 1.000           | 439.99                                              | 439.85 | 443.01         |                     | 75           | 1               |                       |                       |               | 13              |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 15               | 115+58      | X    |       |       | 53.35  | 12   | Type 2, Circular | INLET, B15 | 25     |      | 1.000           | 440.00                                              | 439.93 | 443.02         |                     | 75           | 1               |                       |                       |               | 61              |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 16               | 115+82      | X    |       |       | 47.80  | 12   | Type 2, Circular | INLET, B15 | 12     |      | 1.000           | 439.98                                              | 439.93 | 443.00         |                     | 75           | 1               |                       |                       |               | 61              |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 17               | 124+99      | X    |       |       | 17.15  | 12   | Type 2, Circular | INLET, B15 | 124    |      | 1.000           | 445.98                                              | 445.50 | 449.00         |                     | 75           | 1               |                       |                       |               | 18              |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 18               | 123+74      | X    |       |       | 15.68  | 12   | Type 2, Circular | INLET, C15 | 25     |      | 1.750           | 445.38                                              | 445.22 | 449.15         |                     | 75           | 1               |                       |                       |               | 19              |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 19               | 123+49      | X    |       |       | 12.84  | 12   | Type 2, Circular | INLET, C15 | 25     |      | 2.000           | 445.10                                              | 444.94 | 449.12         |                     | 75           | 1               |                       |                       |               | 20              |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 20               | 123+23      | X    |       |       | 10.75  | 12   | Type 2, Circular | INLET, C15 | 23     |      | 2.250           | 444.82                                              | 444.63 | 449.09         |                     | 75           | 1               |                       |                       |               | 21              |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 21               | 123+00      | X    |       |       | 10.75  | 12   | Type 2, Circular | INLET, C15 | 25     |      | 2.500           | 444.51                                              | 444.32 | 449.03         |                     | 75           | 1               |                       |                       |               | 22              |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 22               | 122+75      | X    |       |       | 10.75  | 12   | Type 2, Circular | INLET, C15 | 25     |      | 2.750           | 444.20                                              | 444.00 | 448.97         |                     | 75           | 1               |                       |                       |               | 23              |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 23               | 122+50      | X    |       |       | 10.75  | 12   | Type 2, Circular | INLET, C15 | 20     |      | 3.000           | 443.88                                              | 443.70 | 448.90         |                     | 75           | 1               |                       |                       |               | 24              |                 |                                 |         |
|                  |             |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 24               | 122+30      | X    |       |       | 10.75  | 12   | Type 2, Circular | INLET, C15 | 16     |      | 3.250           | 443.58                                              | 443.45 | 448.85         |                     | 75           | 1               |                       |                       |               | 57              |                 |                                 |         |

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|                             |                 |  |                    |                      |  |             |  |             |  |
|-----------------------------|-----------------|--|--------------------|----------------------|--|-------------|--|-------------|--|
| RECOMMENDED<br>FOR APPROVAL | DESIGN ENGINEER |  | 04/01/2020<br>DATE | TOWN OF CLARKSVILLE  |  | SCALE       |  | BRIDGE FILE |  |
|                             |                 |  |                    |                      |  | N.T.S.      |  | N/A         |  |
|                             | DESIGNED:   NDH |  | 04/01/2020         | STRUCTURE DATA TABLE |  | SURVEY BOOK |  | SHEETS      |  |
|                             | CHECKED:   LNB  |  | 04/01/2020         |                      |  | N/A         |  | 75 of 83    |  |
|                             |                 |  |                    |                      |  | CONTRACT    |  | PROJECT     |  |
|                             |                 |  |                    |                      |  | R-40289     |  | 1700725     |  |



| STRUCTURE DATA   |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
|------------------|----------|------|-------|-------|--------|------|------------------|------------|--------|------|-----------------|-----------------------------------------------------|--------|----------------|---------------------|--------------|-----------------|-----------------------|-----------------------|---------------|-----------------|-----------------|---------------------------------|---------|
| STRUCTURE NUMBER | LOCATION |      |       |       |        | SIZE | DESCRIPTION      |            | LENGTH | SKEW | FLOW LINE       |                                                     |        | TOP OF CASTING | PIPE END SECTION(S) | SERVICE LIFE | BACKFILL METHOD | STR. BACKFILL, TYPE 1 | STR. BACKFILL, TYPE 2 | CORE DRILLING | CONNECT TO STR. | REVTMENT RIPRAP | GEOTEXTILES FOR RIPRAP, TYPE 1A | REMARKS |
|                  | STATION  | LEFT | RIGHT | CROSS | OFFSET |      |                  |            |        |      | INDOT PIPE TYPE | MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE | COVER  |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
|                  |          |      |       |       |        |      | FT               | INCHES     |        |      |                 |                                                     |        |                |                     |              |                 | LFT                   | FT                    |               |                 | ELEV.           | ELEV.                           |         |
| 25               | 121+93   | X    |       |       | 17.75  | 12   | Type 2, Circular | INLET, B15 | 24     |      | 1.000           | 445.58                                              | 444.98 | 448.60         |                     | 75           | 1               |                       |                       |               | 26              |                 |                                 |         |
|                  |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 26               | 121+18   | X    |       |       | 17.75  | 12   | Type 2, Circular | INLET, C15 | 24     |      | 1.125           | 444.85                                              | 444.70 | 448.00         |                     | 75           | 1               |                       |                       |               | 58              |                 |                                 |         |
| 27               | 120+43   | X    |       |       | 17.75  | 12   | Type 2, Circular | INLET, B15 | 61     |      | 1.000           | 443.97                                              | 443.63 | 446.99         |                     | 75           | 1               |                       |                       |               | 28              |                 |                                 |         |
|                  |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 28               | 119+81   | X    |       |       | 17.75  | 12   | Type 2, Circular | INLET, C15 | 23     |      | 1.125           | 443.50                                              | 443.31 | 446.65         |                     | 75           | 1               |                       |                       |               | 59              |                 |                                 |         |
| 29               | 119+28   | X    |       |       | 35.40  | 12   | Type 2, Circular | INLET, B15 | 20     |      | 1.000           | 442.63                                              | 442.45 | 445.65         |                     | 75           | 1               |                       |                       |               | 30              |                 |                                 |         |
|                  |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 30               | 119+08   | X    |       |       | 35.95  | 12   | Type 2, Circular | INLET, C15 | 37     |      | 1.500           | 442.33                                              | 441.88 | 445.85         |                     | 75           | 1               |                       |                       |               | 31              |                 |                                 |         |
|                  |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 31               | 118+80   | X    |       |       | 10.75  | 12   | Type 2, Circular | INLET, C15 | 62     |      | 1.125           | 441.75                                              | 441.16 | 444.90         |                     | 75           | 1               |                       |                       |               | 32              |                 |                                 |         |
|                  |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 32               | 118+18   | X    |       |       | 17.75  | 12   | Type 2, Circular | INLET, C15 | 75     |      | 1.125           | 441.03                                              | 440.74 | 444.18         |                     | 75           | 1               |                       |                       |               | 33              |                 |                                 |         |
| 33               | 117+43   | X    |       |       | 17.75  | 12   | Type 2, Circular | INLET, C15 | 98     |      | 1.125           | 440.61                                              | 440.29 | 443.76         |                     | 75           | 1               |                       |                       |               | 34              |                 |                                 |         |
|                  |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 34               | 116+45   | X    |       |       | 17.75  | 12   | Type 2, Circular | INLET, C15 | 26     |      | 1.125           | 440.16                                              | 439.97 | 443.31         |                     | 75           | 1               |                       |                       |               | 60              |                 |                                 |         |
|                  |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 35               | 108+28   |      | X     |       | 10.75  | 12   | Type 2, Circular | INLET, B15 | 17     |      | 1.000           | 444.04                                              | 443.89 | 447.06         |                     | 75           | 1               |                       |                       |               | 36              |                 |                                 |         |
|                  |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 36               | 108+45   |      | X     |       | 10.75  | 24   | Type 2, Circular | INLET, C15 | 6      |      | 1.000           | 442.93                                              | 442.80 | 447.04         |                     | 75           | 1               |                       |                       |               | 53              |                 |                                 |         |
|                  |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 37               | 108+62   |      | X     |       | 10.75  | 12   | Type 2, Circular | INLET, B15 | 17     |      | 1.000           | 444.03                                              | 443.89 | 447.05         |                     | 75           | 1               |                       |                       |               | 36              |                 |                                 |         |
|                  |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 38               | 110+50   |      | X     |       | 10.75  | 12   | Type 2, Circular | INLET, B15 | 6      |      | 1.000           | 444.10                                              | 443.97 | 447.12         |                     | 75           | 1               |                       |                       |               | 54              |                 |                                 |         |
|                  |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 39               | 111+10   |      | X     |       | 10.75  | 12   | Type 2, Circular | INLET, B15 | 106    |      | 1.000           | 443.42                                              | 442.10 | 446.44         |                     | 75           | 1               |                       |                       |               | 40              |                 |                                 |         |
| 40               | 112+15   |      | X     |       | 17.75  | 12   | Type 2, Circular | INLET, C15 | 13     |      | 1.125           | 441.97                                              | 441.84 | 445.12         |                     | 75           | 1               |                       |                       |               | 55              |                 |                                 |         |
|                  |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 41               | 113+45   |      | X     |       | 17.75  | 12   | Type 2, Circular | INLET, B15 | 150    |      | 1.000           | 440.63                                              | 439.84 | 443.65         |                     | 75           | 1               |                       |                       |               | 42              |                 |                                 |         |
|                  |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 42               | 114+96   |      | X     |       | 17.75  | 12   | Type 2, Circular | INLET, C15 | 9      |      | 1.125           | 439.71                                              | 439.59 | 442.86         |                     | 75           | 1               |                       |                       |               | 43              |                 |                                 |         |
|                  |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 43               | 115+05   |      | X     |       | 17.75  | 12   | Type 2, Circular | INLET, C15 | 13     |      | 1.375           | 439.46                                              | 439.34 | 442.86         |                     | 75           | 1               |                       |                       |               | 56              |                 |                                 |         |
| 44               | 115+15   |      | X     |       | 14.66  | 12   | Type 2, Circular | INLET, C15 | 10     |      | 1.250           | 439.66                                              | 439.59 | 442.93         |                     | 75           | 1               |                       |                       |               | 43              |                 |                                 |         |
|                  |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 45               | 115+65   |      | X     |       | 10.75  | 12   | Type 2, Circular | INLET, B15 | 50     |      | 1.000           | 440.09                                              | 439.78 | 443.11         |                     | 75           | 1               |                       |                       |               | 44              |                 |                                 |         |
|                  |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 46               | 123+27   |      | X     |       | 10.75  | 12   | Type 2, Circular | INLET, B15 | 95     |      | 1.000           | 446.08                                              | 445.70 | 449.10         |                     | 75           | 1               |                       |                       |               | 47              |                 |                                 |         |
|                  |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 47               | 122+32   |      | X     |       | 10.75  | 12   | Type 2, Circular | INLET, C15 | 6      |      | 1.250           | 445.58                                              | 445.45 | 448.85         |                     | 75           | 1               |                       |                       |               | 57              |                 |                                 |         |
|                  |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 48               | 121+28   |      | X     |       | 17.75  | 12   | Type 2, Circular | INLET, B15 | 13     |      | 1.000           | 445.08                                              | 444.95 | 448.10         |                     | 75           | 1               |                       |                       |               | 58              |                 |                                 |         |
|                  |          |      |       |       |        |      |                  |            |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 49               | 119+81   |      | X     |       | 17.75  | 12   | Type 2, Circular | INLET, B15 | 13     |      | 1.000           | 443.40                                              | 443.31 | 446.42         |                     | 75           | 1               |                       |                       |               | 59              |                 |                                 |         |

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|                                                                                 |                                     |                      |  |  |        |             |             |         |    |    |
|---------------------------------------------------------------------------------|-------------------------------------|----------------------|--|--|--------|-------------|-------------|---------|----|----|
| RECOMMENDED<br>FOR APPROVAL _____<br><div>DESIGN ENGINEER</div> <div>DATE</div> | TOWN OF CLARKSVILLE                 |                      |  |  | SCALE  |             | BRIDGE FILE |         |    |    |
|                                                                                 |                                     |                      |  |  | N.T.S. |             | N/A         |         |    |    |
|                                                                                 |                                     |                      |  |  |        |             | DESIGNATION |         |    |    |
|                                                                                 |                                     |                      |  |  |        |             | 1700725     |         |    |    |
| DESIGNED:   NDH           04/01/2020                                            | DRAWN:    NDH           04/01/2020  | STRUCTURE DATA TABLE |  |  |        | SURVEY BOOK |             | SHEETS  |    |    |
|                                                                                 |                                     |                      |  |  |        | N/A         |             | 76      | of | 83 |
| CHECKED:   LNB           04/01/2020                                             | CHECKED:   LNB           04/01/2020 |                      |  |  |        | CONTRACT    |             | PROJECT |    |    |
|                                                                                 |                                     |                      |  |  |        | R-40289     |             | 1700725 |    |    |



| STRUCTURE DATA   |                      |      |       |       |        |      |                  |             |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
|------------------|----------------------|------|-------|-------|--------|------|------------------|-------------|--------|------|-----------------|-----------------------------------------------------|--------|----------------|---------------------|--------------|-----------------|-----------------------|-----------------------|---------------|-----------------|-----------------|---------------------------------|---------|
| STRUCTURE NUMBER | LOCATION             |      |       |       |        | SIZE | DESCRIPTION      |             | LENGTH | SKEW | FLOW LINE       |                                                     |        | TOP OF CASTING | PIPE END SECTION(S) | SERVICE LIFE | BACKFILL METHOD | STR. BACKFILL, TYPE 1 | STR. BACKFILL, TYPE 2 | CORE DRILLING | CONNECT TO STR. | REVTMENT RIPRAP | GEOTEXTILES FOR RIPRAP, TYPE 1A | REMARKS |
|                  | STATION              | LEFT | RIGHT | CROSS | OFFSET |      |                  |             |        |      | INDOT PIPE TYPE | MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE | COVER  |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
|                  |                      |      |       |       |        |      | FT               | INCHES      |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 50               | 118+97               |      | X     |       | 10.75  | 12   | Type 2, Circular | INLET, B15  | 125    |      | 1.000           | 442.07                                              | 440.88 | 445.09         |                     | 75           | 1               |                       |                       |               | 51              |                 |                                 |         |
| 51               | 117+72               |      | X     |       | 17.75  | 12   | Type 2, Circular | INLET, C15  | 130    |      | 1.000           | 440.88                                              | 440.37 | 443.90         |                     | 75           | 1               |                       |                       |               | 52              |                 |                                 |         |
| 52               | 116+42               |      | X     |       | 17.75  | 12   | Type 2, Circular | INLET, C15  | 20     |      | 1.250           | 440.25                                              | 440.10 | 443.52         |                     | 75           | 1               |                       |                       |               | 60              |                 |                                 |         |
| 53               | 108+45               |      | X     |       | 5.00   | 24   | Type 2, Circular | MANHOLE, C4 | 205    |      | 3.500           | 440.55                                              | 439.76 | 447.16         |                     | 75           | 1               |                       |                       |               | 54              |                 |                                 |         |
| 54               | 110+50               |      | X     |       | 5.00   | 24   | Type 2, Circular | MANHOLE, C4 | 165    |      | 4.500           | 439.63                                              | 438.75 | 447.24         |                     | 75           | 1               |                       |                       |               | 55              |                 |                                 |         |
| 55               | 112+15               |      | X     |       | 5.00   | 24   | Type 2, Circular | MANHOLE, C4 | 290    |      | 3.625           | 438.63                                              | 436.50 | 445.36         |                     | 75           | 1               |                       |                       |               | 56              |                 |                                 |         |
| 56               | 115+06               |      | X     |       | 5.00   | 36   | Type 2, Circular | MANHOLE, C4 | 81     |      | 4.500           | 435.30                                              | 434.67 | 443.11         |                     | 75           | 1               |                       |                       |               | 62              |                 |                                 |         |
| 57               | 122+31               |      | X     |       | 5.00   | 24   | Type 2, Circular | MANHOLE, C4 | 105    |      | 3.500           | 442.36                                              | 441.74 | 448.97         |                     | 75           | 1               |                       |                       |               | 58              |                 |                                 |         |
| 58               | 121+27               |      | X     |       | 5.00   | 24   | Type 2, Circular | MANHOLE, C4 | 148    |      | 3.500           | 441.74                                              | 439.72 | 448.35         |                     | 75           | 1               |                       |                       |               | 59              |                 |                                 |         |
| 59               | 119+79               |      | X     |       | 5.00   | 36   | Type 2, Circular | MANHOLE, C4 | 376    |      | 3.500           | 438.64                                              | 435.93 | 446.33         |                     | 75           | 1               |                       |                       |               | 60              |                 |                                 |         |
| 60               | 116+57               |      | X     |       | 5.29   | 42   | Type 2, Circular | MANHOLE, C4 | 70     |      | 3.500           | 435.33                                              | 435.07 | 443.62         |                     | 75           | 1               |                       |                       |               | 62              |                 |                                 |         |
| 61               | 115+77               | X    |       |       | 36.57  | 72   | Type 2, Circular | MANHOLE, C4 | 40     |      | 3.500           | 432.02                                              | 430.86 | 443.02         |                     | 75           | 1               |                       |                       |               | 62              |                 |                                 |         |
| 62               | 115+87               |      | X     |       | 2.87   | 72   | Type 2, Circular | MANHOLE, C4 | 51     |      | 5.250           | 430.61                                              | 428.75 | 443.36         |                     | 75           | 1               |                       |                       |               | 63              |                 |                                 |         |
| 63               | 116+01               |      | X     |       | 52.60  | 72   | Type 2, Circular | MANHOLE, C4 | 51     |      | 7.000           | 428.50                                              | 426.17 | 443.00         |                     | 75           | 1               |                       |                       |               | OUTFALL         |                 |                                 |         |
|                  | LINE "PR-A"          |      |       |       |        |      |                  |             |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
|                  | SANITARY (BY OTHERS) |      |       |       |        |      |                  |             |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 101              | 108+54.29            | X    |       |       | 6.09   | 8    | SDR-35           | MANHOLE     | 155    |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 102              | 110+09.76            | X    |       |       | 6.07   | 8    | SDR-35           | MANHOLE     | 116    |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 103              | 111+26.66            | X    |       |       | 5.93   | 8    | SDR-35           | MANHOLE     | 424    |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 104              | 115+51.39            | X    |       |       | 6.14   | 8    | SDR-35           | MANHOLE     | 311    |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 105              | 115+45.64            | X    |       |       | 86.25  | 8    | SDR-35           | MANHOLE     | 80     |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 106              | 118+62.06            | X    |       |       | 6.16   | 8    | SDR-35           | MANHOLE     | 129    |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 107              | 119+91.86            | X    |       |       | 5.95   | 8    | SDR-35           | MANHOLE     | 206    |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 108              | 121+99.56            | X    |       |       | 6.11   | 8    | SDR-35           | MANHOLE     | 88     |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 109              | 122+88.12            | X    |       |       | 6.02   | 8    | SDR-35           | MANHOLE     |        |      |                 |                                                     |        |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |

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CONSTRUCTION

|                          |                 |            |            |                      |  |             |  |             |  |
|--------------------------|-----------------|------------|------------|----------------------|--|-------------|--|-------------|--|
| RECOMMENDED FOR APPROVAL | DESIGN ENGINEER |            | 04/01/2020 | TOWN OF CLARKSVILLE  |  | SCALE       |  | BRIDGE FILE |  |
|                          | DATE            |            |            |                      |  | N.T.S.      |  | N/A         |  |
|                          | DESIGNED: NDH   |            | 04/01/2020 | STRUCTURE DATA TABLE |  | SURVEY BOOK |  | SHEETS      |  |
|                          | DRAWN: NDH      |            | 04/01/2020 |                      |  | N/A         |  | 77 of 83    |  |
| CHECKED: LNB             |                 | 04/01/2020 |            |                      |  | CONTRACT    |  | PROJECT     |  |
|                          |                 |            |            |                      |  | R-40289     |  | 1700725     |  |



| STRUCTURE DATA   |                     |      |       |       |        |      |                 |                                                     |        |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
|------------------|---------------------|------|-------|-------|--------|------|-----------------|-----------------------------------------------------|--------|------|-----------|-----------|-------------|----------------|---------------------|--------------|-----------------|-----------------------|-----------------------|---------------|-----------------|-----------------|---------------------------------|---------|
| STRUCTURE NUMBER | LOCATION            |      |       |       |        | SIZE | DESCRIPTION     |                                                     | LENGTH | SKEW | FLOW LINE |           |             | TOP OF CASTING | PIPE END SECTION(S) | SERVICE LIFE | BACKFILL METHOD | STR. BACKFILL, TYPE 1 | STR. BACKFILL, TYPE 2 | CORE DRILLING | CONNECT TO STR. | REVTMENT RIPRAP | GEOTEXTILES FOR RIPRAP, TYPE 1A | REMARKS |
|                  | STATION             | LEFT | RIGHT | CROSS | OFFSET |      | INDOT PIPE TYPE | MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE |        |      | COVER     | UP STREAM | DOWN STREAM |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
|                  |                     |      |       |       |        |      |                 |                                                     | FT     |      |           |           |             | INCHES         | LFT                 | FT           |                 | ELEV.                 | ELEV.                 | ELEV.         |                 | EA.             | YRS.                            |         |
|                  | LINE "PR-A"         |      |       |       |        |      |                 |                                                     |        |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
|                  | SANITARY (EXISTING) |      |       |       |        |      |                 |                                                     |        |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 201              | 110+66.39           | X    |       |       | 16.52  | 8    | SDR-35          | MANHOLE                                             | 434    |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 | TO BE REMOVED                   |         |
|                  |                     |      |       |       |        |      |                 |                                                     |        |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 202              | 115+02.26           | X    |       |       | 33.30  | 8    | SDR-35          | MANHOLE                                             | 105    |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 | TO BE REMOVED                   |         |
| 203              | 115+88.32           |      | X     |       | 29.37  | 8    | SDR-35          | MANHOLE                                             |        |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 | TO BE REMOVED                   |         |
|                  |                     |      |       |       |        |      |                 |                                                     |        |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
|                  | LINE "PR-A"         |      |       |       |        |      |                 |                                                     |        |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
|                  | STORM (EXISTING)    |      |       |       |        |      |                 |                                                     |        |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 301              | 106+58.96           |      | X     |       | 16.30  | 15   | RCP             | CATCH BASIN                                         | 10     |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 | TO REMAIN                       |         |
| 302              | 107+07.88           |      | X     |       | 13.86  | 12   | RCP             | CATCH BASIN                                         | 47     |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 | TO REMAIN                       |         |
|                  |                     |      |       |       |        |      |                 |                                                     |        |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 303              | 110+07.22           |      | X     |       | 82.78  | 12   | RCP             | CATCH BASIN                                         | 99     |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 | TO REMAIN                       |         |
|                  |                     |      |       |       |        |      |                 |                                                     |        |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 304              | 111+02.28           |      | X     |       | 68.20  | 18   | RCP             | CATCH BASIN                                         |        |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 | TO REMAIN                       |         |
|                  |                     |      |       |       |        |      |                 |                                                     |        |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 305              | 111+13.98           |      | X     |       | 10.35  | 12   | RCP             | CATCH BASIN                                         | 58     |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 | TO BE REMOVED                   |         |
|                  |                     |      |       |       |        |      |                 |                                                     |        |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 308              | 115+57.62           | X    |       |       | 36.44  | 12   | RCP             | INLET                                               | 18     |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 | TO BE REMOVED                   |         |
| 309              | 115+76.71           | X    |       |       | 36.10  | 42   | RCP             | MANHOLE                                             | 52     |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 | TO BE REMOVED                   |         |
|                  |                     |      |       |       |        |      |                 |                                                     |        |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 310              | 115+99.89           | X    |       |       | 33.17  | 12   | RCP             | INLET                                               | 22     |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 | TO BE REMOVED                   |         |
| 311              | 115+89.83           |      | X     |       | 12.14  | 42   | RCP             | MANHOLE                                             | 93     |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 | TO BE REMOVED                   |         |
|                  |                     |      |       |       |        |      |                 |                                                     |        |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |
| 312              | 116+14.87           |      | X     |       | 102.39 | 42   | RCP             | HEADWALL                                            |        |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 | TO BE REMOVED                   |         |
|                  |                     |      |       |       |        |      |                 |                                                     |        |      |           |           |             |                |                     |              |                 |                       |                       |               |                 |                 |                                 |         |

NOT FOR  
CONSTRUCTION

|                                |            |                       |            |                    |  |
|--------------------------------|------------|-----------------------|------------|--------------------|--|
| RECOMMENDED FOR APPROVAL _____ |            | DESIGN ENGINEER _____ |            | 04/01/2020<br>DATE |  |
| DESIGNED: NDH                  | 04/01/2020 | DRAWN: NDH            | 04/01/2020 |                    |  |
| CHECKED: LNB                   | 04/01/2020 | CHECKED: LNB          | 04/01/2020 |                    |  |

TOWN OF CLARKSVILLE

STRUCTURE DATA TABLE

|             |             |       |
|-------------|-------------|-------|
| SCALE       | BRIDGE FILE |       |
| N.T.S.      | N/A         |       |
|             | DESIGNATION |       |
|             | 1700725     |       |
| SURVEY BOOK | SHEETS      |       |
| N/A         | 78          | of 83 |
| CONTRACT    | PROJECT     |       |
| R-40289     | 1700725     |       |







| PAVEMENT MARKINGS TABLE |                       |                     |                    |                    |                   |                   |                    |                    |                     |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
|-------------------------|-----------------------|---------------------|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|---------------------|--------------------|--------------------|--------------------|---------------------|------------------------------|--------------------------------------|------------------------------------|----------------------------------|-----------|------------------------------------------|-----------|----------------------------------------------|-------|---------------|-------------------------------------|---------------------|--|---------------------------------------|--------------------------|----------------------------------|
| LOCATION                | LINE, MULTI-COMPONENT |                     |                    |                    |                   |                   |                    |                    | LINE, THERMOPLASTIC |                    |                    |                    |                     |                              | TRANSVERSE MARKINGS, MULTI-COMPONENT | TRANSVERSE MARKINGS, THERMOPLASTIC | TRAVERSE MARKINGS, THERMOPLASTIC |           | PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC |           | PAVEMENT MESSAGE MARKINGS, PREFORMED PLASTIC |       |               | SNOWPLOWABLE RAISED PAVEMENT MARKER |                     |  | MILLED HMA CORRUGATIONS, CONVENTIONAL | DELINEATOR POST FLEXIBLE | DELINEATOR W/ POST D3 D IN. DIA. |
|                         | BROKEN WHITE 4 IN.    | BROKEN YELLOW 4 IN. | BROKEN WHITE 5 IN. | SOLID YELLOW 4 IN. | SOLID WHITE 4 IN. | SOLID WHITE 8 IN. | SOLID WHITE 12 IN. | SOLID WHITE 16 IN. | SOLID WHITE 4 IN.   | SOLID YELLOW 4 IN. | SOLID WHITE 24 IN. | BROKEN WHITE 5 IN. | BROKEN YELLOW 4 IN. | CROSSHATCH LINE WHITE 24 IN. | CROSSHATCH LINE WHITE 24 IN.         | STOP LINE 24 IN.                   | CROSS WALK 6 IN.                 | WORD ONLY | LANE ARROW                               | WORD ONLY | LANE ARROW                                   | R X R | ONE WAY WHITE | TWO WAY YELLOW / RED                | TWO WAY WHITE / RED |  |                                       |                          |                                  |
|                         | FT                    | FT                  | FT                 | FT                 | FT                | FT                | FT                 | FT                 | FT                  | FT                 | FT                 | FT                 | FT                  | FT                           | FT                                   | FT                                 | FT                               | EACH      | EACH                                     | EACH      | EACH                                         | EACH  |               |                                     |                     |  |                                       |                          |                                  |
| 114+17 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 114+39 LT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 114+39 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 114+61 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 114+83 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 116+42 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 116+64 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 116+86 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 117+08 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 117+30 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 117+52 LT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 117+52 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 117+74 LT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 117+74 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 117+96 LT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 117+96 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 118+18 LT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 118+18 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 118+40 LT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 118+40 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 119+83 LT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 119+83 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 120+05 LT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 120+05 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 120+27 LT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |
| 120+27 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |  |                                       |                          |                                  |

NOT FOR  
CONSTRUCTION

|                                                                                                |  |                                |  |                         |  |  |  |             |  |                    |  |
|------------------------------------------------------------------------------------------------|--|--------------------------------|--|-------------------------|--|--|--|-------------|--|--------------------|--|
| RECOMMENDED<br>FOR APPROVAL _____<br><div>DESIGN ENGINEER</div> <div>04/01/2020<br/>DATE</div> |  |                                |  | TOWN OF CLARKSVILLE     |  |  |  | SCALE       |  | BRIDGE FILE        |  |
|                                                                                                |  |                                |  |                         |  |  |  |             |  | N/A                |  |
|                                                                                                |  |                                |  |                         |  |  |  |             |  | DESIGNATION        |  |
|                                                                                                |  |                                |  |                         |  |  |  |             |  | 1700725            |  |
| DESIGNED: <u>NDH</u> 04/01/2020                                                                |  | DRAWN: <u>NDH</u> 04/01/2020   |  | PAVEMENT MARKINGS TABLE |  |  |  | SURVEY BOOK |  | SHEETS             |  |
|                                                                                                |  |                                |  |                         |  |  |  | N/A         |  | 80      of      83 |  |
| CHECKED: <u>LNB</u> 04/01/2020                                                                 |  | CHECKED: <u>LNB</u> 04/01/2020 |  |                         |  |  |  | CONTRACT    |  | PROJECT            |  |
|                                                                                                |  |                                |  |                         |  |  |  | R-40289     |  | 1700725            |  |
|                                                                                                |  |                                |  |                         |  |  |  |             |  |                    |  |



| PAVEMENT MARKINGS TABLE |                       |                     |                    |                    |                   |                   |                    |                    |                     |                    |                    |                    |                     |                                      |                                    |                                  |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
|-------------------------|-----------------------|---------------------|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|---------------------|--------------------|--------------------|--------------------|---------------------|--------------------------------------|------------------------------------|----------------------------------|------------------|------------------------------------------|------------|----------------------------------------------|------------|-------|-------------------------------------|----------------------|---------------------|---------------------------------------|--------------------------|----------------------------------|
| LOCATION                | LINE, MULTI-COMPONENT |                     |                    |                    |                   |                   |                    |                    | LINE, THERMOPLASTIC |                    |                    |                    |                     | TRANSVERSE MARKINGS, MULTI-COMPONENT | TRANSVERSE MARKINGS, THERMOPLASTIC | TRAVERSE MARKINGS, THERMOPLASTIC |                  | PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC |            | PAVEMENT MESSAGE MARKINGS, PREFORMED PLASTIC |            |       | SNOWPLOWABLE RAISED PAVEMENT MARKER |                      |                     | MILLED HMA CORRUGATIONS, CONVENTIONAL | DELINEATOR POST FLEXIBLE | DELINEATOR W/ POST D3 D IN. DIA. |
|                         | BROKEN WHITE 4 IN.    | BROKEN YELLOW 4 IN. | BROKEN WHITE 5 IN. | SOLID YELLOW 4 IN. | SOLID WHITE 4 IN. | SOLID WHITE 8 IN. | SOLID WHITE 12 IN. | SOLID WHITE 16 IN. | SOLID WHITE 4 IN.   | SOLID YELLOW 4 IN. | SOLID WHITE 24 IN. | BROKEN WHITE 5 IN. | BROKEN YELLOW 4 IN. | CROSSHATCH LINE WHITE 24 IN.         | CROSSHATCH LINE WHITE 24 IN.       | STOP LINE 24 IN.                 | CROSS WALK 6 IN. | WORD ONLY                                | LANE ARROW | WORD ONLY                                    | LANE ARROW | R X R | ONE WAY WHITE                       | TWO WAY YELLOW / RED | TWO WAY WHITE / RED |                                       |                          |                                  |
|                         | FT                    | FT                  | FT                 | FT                 | FT                | FT                | FT                 | FT                 | FT                  | FT                 | FT                 | FT                 | FT                  | FT                                   | FT                                 | FT                               | FT               | EACH                                     | EACH       | EACH                                         | EACH       | EACH  |                                     |                      |                     |                                       |                          |                                  |
| 120+49 LT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                                      |                                    |                                  |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 120+49 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                                      |                                    |                                  |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 120+71 LT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                                      |                                    |                                  |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 120+71 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                                      |                                    |                                  |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 120+93 LT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                                      |                                    |                                  |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 120+93 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                                      |                                    |                                  |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 121+15 LT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                                      |                                    |                                  |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 121+15 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                                      |                                    |                                  |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 121+37 LT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                                      |                                    |                                  |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 121+37 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                                      |                                    |                                  |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 121+59 LT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                                      |                                    |                                  |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 121+59 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                                      |                                    |                                  |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 121+81 LT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                                      |                                    |                                  |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 121+81 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                                      |                                    |                                  |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 122+03 LT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                                      |                                    |                                  |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 122+03 RT-X             |                       |                     |                    |                    |                   |                   |                    |                    | 8                   |                    |                    |                    |                     |                                      |                                    |                                  |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 109+10 RT               |                       |                     |                    |                    |                   |                   |                    |                    |                     |                    |                    |                    |                     |                                      |                                    | 16                               |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 110+20 X                |                       |                     |                    |                    |                   |                   |                    |                    |                     |                    |                    |                    |                     |                                      |                                    | 80                               |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 111+40 RT               |                       |                     |                    |                    |                   |                   |                    |                    |                     |                    |                    |                    |                     |                                      |                                    | 20                               |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 115+30 RT               |                       |                     |                    |                    |                   |                   |                    |                    |                     |                    |                    |                    |                     |                                      |                                    | 11                               |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 115+55 RT               |                       |                     |                    |                    |                   |                   |                    |                    |                     |                    |                    |                    |                     |                                      |                                    | 21                               |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 115+65 LT               |                       |                     |                    |                    |                   |                   |                    |                    |                     |                    |                    |                    |                     |                                      |                                    | 12                               |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 116+10 LT               |                       |                     |                    |                    |                   |                   |                    |                    |                     |                    |                    |                    |                     |                                      |                                    | 10                               |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 118+85 LT               |                       |                     |                    |                    |                   |                   |                    |                    |                     |                    |                    |                    |                     |                                      |                                    | 48                               |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 119+20 LT               |                       |                     |                    |                    |                   |                   |                    |                    |                     |                    |                    |                    |                     |                                      |                                    | 48                               |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |
| 119+50 LT               |                       |                     |                    |                    |                   |                   |                    |                    |                     |                    |                    |                    |                     |                                      |                                    | 48                               |                  |                                          |            |                                              |            |       |                                     |                      |                     |                                       |                          |                                  |

NOT FOR  
CONSTRUCTION

|                                                                                                |  |            |  |                     |  |            |  |                         |  |             |    |    |
|------------------------------------------------------------------------------------------------|--|------------|--|---------------------|--|------------|--|-------------------------|--|-------------|----|----|
| RECOMMENDED<br>FOR APPROVAL _____<br><div>DESIGN ENGINEER</div> <div>04/01/2020<br/>DATE</div> |  |            |  | TOWN OF CLARKSVILLE |  |            |  | SCALE                   |  | BRIDGE FILE |    |    |
|                                                                                                |  |            |  |                     |  |            |  |                         |  | N/A         |    |    |
|                                                                                                |  |            |  |                     |  |            |  |                         |  | DESIGNATION |    |    |
|                                                                                                |  |            |  |                     |  |            |  |                         |  | 1700725     |    |    |
| DESIGNED: <u>NDH</u>                                                                           |  | 04/01/2020 |  | DRAWN: <u>NDH</u>   |  | 04/01/2020 |  | PAVEMENT MARKINGS TABLE |  |             |    |    |
|                                                                                                |  |            |  |                     |  |            |  |                         |  |             |    |    |
| CHECKED: <u>LNB</u>                                                                            |  | 04/01/2020 |  | CHECKED: <u>LNB</u> |  | 04/01/2020 |  |                         |  |             |    |    |
|                                                                                                |  |            |  |                     |  |            |  |                         |  |             |    |    |
|                                                                                                |  |            |  |                     |  |            |  |                         |  |             |    |    |
|                                                                                                |  |            |  |                     |  |            |  | SURVEY BOOK             |  | SHEETS      |    |    |
|                                                                                                |  |            |  |                     |  |            |  | N/A                     |  | 81          | of | 83 |
|                                                                                                |  |            |  |                     |  |            |  | CONTRACT                |  | PROJECT     |    |    |
|                                                                                                |  |            |  |                     |  |            |  | R-40289                 |  | 1700725     |    |    |



| PAVEMENT MARKINGS TABLE |                       |                     |                    |                    |                   |                   |                    |                    |                     |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |   |                                       |                          |                                  |
|-------------------------|-----------------------|---------------------|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|---------------------|--------------------|--------------------|--------------------|---------------------|------------------------------|--------------------------------------|------------------------------------|----------------------------------|-----------|------------------------------------------|-----------|----------------------------------------------|-------|---------------|-------------------------------------|---------------------|---|---------------------------------------|--------------------------|----------------------------------|
| LOCATION                | LINE, MULTI-COMPONENT |                     |                    |                    |                   |                   |                    |                    | LINE, THERMOPLASTIC |                    |                    |                    |                     |                              | TRANSVERSE MARKINGS, MULTI-COMPONENT | TRANSVERSE MARKINGS, THERMOPLASTIC | TRAVERSE MARKINGS, THERMOPLASTIC |           | PAVEMENT MESSAGE MARKINGS, THERMOPLASTIC |           | PAVEMENT MESSAGE MARKINGS, PREFORMED PLASTIC |       |               | SNOWPLOWABLE RAISED PAVEMENT MARKER |                     |   | MILLED HMA CORRUGATIONS, CONVENTIONAL | DELINEATOR POST FLEXIBLE | DELINEATOR W/ POST D3 D IN. DIA. |
|                         | BROKEN WHITE 4 IN.    | BROKEN YELLOW 4 IN. | BROKEN WHITE 5 IN. | SOLID YELLOW 4 IN. | SOLID WHITE 4 IN. | SOLID WHITE 8 IN. | SOLID WHITE 12 IN. | SOLID WHITE 16 IN. | SOLID WHITE 4 IN.   | SOLID YELLOW 4 IN. | SOLID WHITE 24 IN. | BROKEN WHITE 5 IN. | BROKEN YELLOW 4 IN. | CROSSHATCH LINE WHITE 24 IN. | CROSSHATCH LINE WHITE 24 IN.         | STOP LINE 24 IN.                   | CROSS WALK 6 IN.                 | WORD ONLY | LANE ARROW                               | WORD ONLY | LANE ARROW                                   | R X R | ONE WAY WHITE | TWO WAY YELLOW / RED                | TWO WAY WHITE / RED |   |                                       |                          |                                  |
|                         | FT                    | FT                  | FT                 | FT                 | FT                | FT                | FT                 | FT                 | FT                  | FT                 | FT                 | FT                 | FT                  | FT                           | FT                                   | FT                                 | FT                               | EACH      | EACH                                     | EACH      | EACH                                         | EACH  |               |                                     |                     |   |                                       |                          |                                  |
|                         |                       |                     |                    |                    |                   |                   |                    |                    |                     |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |   |                                       |                          |                                  |
| 122+60 X                |                       |                     |                    |                    |                   |                   |                    |                    |                     |                    |                    |                    |                     |                              |                                      | 60                                 |                                  |           |                                          |           |                                              |       |               |                                     |                     |   |                                       |                          |                                  |
| 122+90 LT               |                       |                     |                    |                    |                   |                   |                    |                    |                     |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |   |                                       |                          |                                  |
| BIKE PATH PVMT MSG      |                       |                     |                    |                    |                   |                   |                    |                    |                     |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |   |                                       |                          |                                  |
| 122+90 RT               |                       |                     |                    |                    |                   |                   |                    |                    |                     |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |   |                                       |                          |                                  |
| BIKE PATH PVMT MSG      |                       |                     |                    |                    |                   |                   |                    |                    |                     |                    |                    |                    |                     |                              |                                      |                                    |                                  |           |                                          |           |                                              |       |               |                                     |                     |   |                                       |                          |                                  |
| TOTALS                  | 0                     | 0                   | 0                  | 0                  | 0                 | 0                 | 0                  | 0                  | 3668                | 3294               | 0                  | 0                  | 0                   | 0                            | 0                                    | 374                                | 0                                | 0         | 0                                        | 0         | 0                                            | 0     | 0             | 0                                   | 0                   | 0 | 0                                     | 0                        |                                  |

NOT FOR  
CONSTRUCTION

|                                                                      |            |                     |            |                         |             |         |        |    |
|----------------------------------------------------------------------|------------|---------------------|------------|-------------------------|-------------|---------|--------|----|
| RECOMMENDED<br>FOR APPROVAL _____<br><br>DESIGN ENGINEER<br><br>DATE | 04/01/2020 | TOWN OF CLARKSVILLE | SCALE      | BRIDGE FILE             |             |         |        |    |
|                                                                      |            |                     |            | N/A                     |             |         |        |    |
|                                                                      |            |                     |            | DESIGNATION             |             |         |        |    |
|                                                                      |            |                     |            | 1700725                 |             |         |        |    |
| DESIGNED: _NDH_                                                      | 04/01/2020 | DRAWN: _NDH_        | 04/01/2020 | PAVEMENT MARKINGS TABLE | SURVEY BOOK |         | SHEETS |    |
|                                                                      |            |                     |            |                         | N/A         | 82      | of     | 83 |
|                                                                      |            |                     |            |                         | CONTRACT    | PROJECT |        |    |
|                                                                      |            |                     |            |                         | R-40289     | 1700725 |        |    |
| CHECKED: _LNB_                                                       | 04/01/2020 | CHECKED: _LNB_      | 04/01/2020 |                         |             |         |        |    |



## PAVEMENT QUANTITIES AND APPROACH TABLE

[illegible]

|                      |                                           |                         |                     |  |             |             |         |    |    |
|----------------------|-------------------------------------------|-------------------------|---------------------|--|-------------|-------------|---------|----|----|
| NOT FOR CONSTRUCTION | RECOMMENDED FOR APPROVAL _____ 04/01/2020 |                         | TOWN OF CLARKSVILLE |  | SCALE       | BRIDGE FILE |         |    |    |
|                      | DESIGN ENGINEER _____ DATE                |                         |                     |  | N.T.S.      | N/A         |         |    |    |
|                      |                                           |                         |                     |  | DESIGNATION |             |         |    |    |
|                      |                                           |                         |                     |  | 1700725     |             |         |    |    |
|                      |                                           |                         |                     |  |             |             |         |    |    |
|                      | DESIGNED: NDH 04/01/2020                  | DRAWN: NDH 04/01/2020   | APPROACH TABLE      |  | SURVEY BOOK |             | SHEETS  |    |    |
|                      |                                           |                         |                     |  | N/A         |             | 83      | of | 83 |
|                      | CHECKED: LNB 04/01/2020                   | CHECKED: LNB 04/01/2020 |                     |  | CONTRACT    |             | PROJECT |    |    |
|                      |                                           |                         |                     |  | R-40289     |             | 1700725 |    |    |