| PROJECT | DESIGNATION |
|---|---|
| 2101295 | 2101295 |
| CONTRACT | BRIDGE FILE |
| R-44093 | N/A |

| LEAD DESIGNATION NUMBERS | |
|---|---|
| DES #2101295 | Anderson National Guard Armory Parking Lot |

# INDIANA DEPARTMENT OF TRANSPORTATION

# ROAD PLANS

## PROJECT NO.

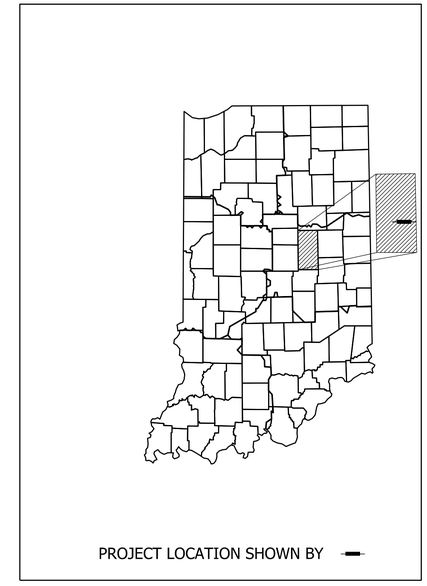
| | |
|---|---|
| 2101295 | P.E. |
| 2101295 | C.E. |
| 2101295 | R/W |

No Additional Right-of-Way Required For This Project

Parking Lot Paving and Re-Construction
Anderson Indiana National Guard Armory,
Located on West Side of S.R. 9/Scatterfield Rd.,
800 feet North of S.R. 32/University Blvd.,
in Section 7, T19N, R8E, Anderson Township, Madison County, Indiana.

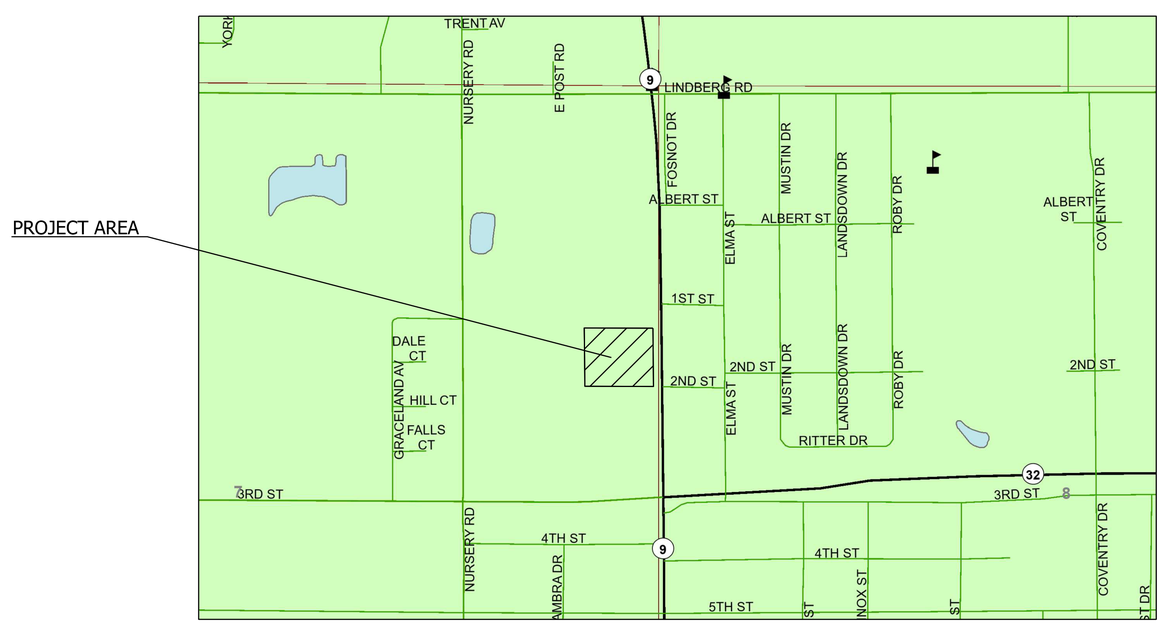
| TRAFFIC DATA | | |
|---|---|---|
| A.A.D.T. | (2025) | 17,606 V.P.D. |
| A.A.D.T. | (2045) | 21,483 V.P.D. |
| D.H.V | (2045) | 1934 V.P.H. |
| DIRECTIONAL DISTRIBUTION | | 51% NB |
| TRUCKS | | 3% A.A.D.T. |
| | | 3% D.H.V |

| DESIGN DATA | |
|---|---|
| DESIGN SPEED | 45 M.P.H. |
| PROJECT DESIGN CRITERIA | Design |
| FUNCTIONAL CLASSIFICATION | Principal Arterial |
| RURAL/URBAN | Urban (Suburban) |
| TERRAIN | Level |
| ACCESS CONTROL | None |




LATITUDE: 40°06'57" N LONGITUDE: 85°39'14" W

HUC #051202010307




SCALE: 1" = 500'

LOCATION MAP
Anderson Township
Madison County

INDIANA DEPARTMENT OF TRANSPORTATION
*STANDARD SPECIFICATIONS* DATED 2024
TO BE USED WITH THESE PLANS

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201 N. Illinois Street, Suite 800
Indianapolis, IN 46204
317.786.0461 · www.chasolutions.com

CORY R. LAMB REGISTERED No. 12100289 STATE OF INDIANA PROFESSIONAL ENGINEER

PLANS PREPARED BY: CHA Consulting, Inc. 317.786.0461 PHONE NUMBER

CERTIFIED BY: Cory R. Lamb 3/14/2025 DATE

APPROVED FOR LETTING: 05/30/2025 INDIANA DEPARTMENT OF TRANSPORTATION

| BRIDGE FILE | |
|---|---|
| | |
| DESIGNATION | |
| 2101295 | |

| SURVEY BOOK | SHEETS | | |
|---|---|---|---|
| | 1 | of | 8 |
| CONTRACT | PROJECT | | |
| R-44093 | 2101295 | | |

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DATE PLOTTED: 4/24/2025
TIME PLOTTED: 3:47:41 PM

# UTILITIES

**Communications**

**AT&T**
13630 Lorain Ave.
Cleveland, OH 44111
Attn: David Smith
g0987@att.com
Phone: (765) 454-5021

**Communications, Fiber Optics**

**Everstream LLC (South)**
342 Massachusetts Ave Suite 203
Indianapolis, IN 46237
Attn: Travis Tubbs
ttubs@everstream.net
Phone: (317) 412-2777

**Cable TV**

**Comcast Cable Communications**
720 Taylor St.
Fort Wayne, IN 46802
Attn: Doug Fishburn
William_Fishburn@comcast.com
Phone: (260) 410-3504

**Electric**

**City of Anderson Power & Light**
550 Dale Keith Jones Rd.
Anderson, IN, 46011
Attn: Paul Syverson
psyverson@cityofanderson.com
Phone: (765) 648-6506

**Gas Distribution**

**Centerpoint Energy (North)**
1800 W. 26th St.
Muncie, IN 47302
Attn: Tom Ochoa
Thomas.Ochoa@centerpointenergy.com
Phone: (765)287-2112

**Property Managment**

**Anderson National Guard**
Armory Property Manager
Phone: (317) 247-3300 Ext. 3300

# REVISIONS

| SHEET NO. | DATE | REVISED |
|---|---|---|
| | | |
| | | |
| | | |
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# GENERAL NOTES

There shall be no direct payments for saw cuts. Saw cuts shall be included under the cost of other pay items.

Positive drainage shall be maintained at all times. The Contractor is to enure positive drainage to existing or proposed inlets and match existing drainage patterns except when specifically noted in plan.

The Contractor shall verify all drainage structures and pipe types, material, wall thickness, inverts, depths diameters, size and conditions prior to ordering material for adjustments, connections, extensions, core, drilling or alterations. Contractor shall assume repsonsibility for proper fit.

Connections to existing storm sewer shall be in accordance to City of Anderson Storm Standards.

Inlet protection must have an overflow, be maintainable without dropping collected sediment and other pollutants into the storm sewer and not impede active traffic.

Construction pollution prevention controls such as erosion and sediment control are required to protect the storm sewers and water bodies from pollutants during all phase of construction.

Dewatering water shall be filtered prior to discharge into a storm sewer or water body.

Any place on the plans or in the specifications where it is specified for the Contractor to submit shop drawings for approval, said shop drawings must be approved by the Engineer prior to ordering or placement of any materials for said improvement.

Tack coat is required with each layer of asphalt placed. Tack coat is required on vertical surfaces next to asphalt (i.e. gutter, shoulder, widening, etc.).

All construction activities and material staging shall be within Anderson National Guard Armory or within State of Indiana right of way.

For any bid item for which a quantity is bid (see itemized proposal), prior written approval from the Engineer to exceed the bid quantity is required or no payment will be made for the overage.

All disturbed areas within the project limits shall be mulched seeded.
Payment to be included in the cost of other pay items in the contract.

The Contractor is responsible for all utility coordination, shown or not shown. The Contractor shall have all utilities field located, as necessary, prior to work beginning. The support, protection and restoration of all utilities and appurtenances shall be the responsibility of the Contractor.

All construction activities shall be coordinated with Anderson National Guard contact personnel.

No temporary lighting shall be used on this project. No permanent lighting will be added to this project.

Final Parking Layout to be coordinated with Anderson National Guard personnel.

Patching locations shall be coordinated and approved by the Engineer.

Access to the facility shall be maintained at all times.

# INDEX


| SHEET NO. | DRAWINGS INDEX |
|---|---|
| 1 | TITLE |
| 2 | INDEX AND GENERAL NOTES |
| 3 | SITE PLAN |
| 4 | GRADING PLAN |
| 5 | PARKING LOT LAYOUT |
| 6 | TEMPORARY EROSION CONTROL DETAIL |
| 7 | MISCELLANEOUS TABLES |
| 8 | PIPE MATERIAL TABLE |


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CORY R. LAMB
REGISTERED
No. 12100289
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — Cory R. Lamb — DESIGN ENGINEER — 3/14/2025 DATE

DESIGNED: SWK | DRAWN: JSS
CHECKED: TRC | CHECKED: CRL

INDIANA
DEPARTMENT OF TRANSPORTATION

INDEX SHEET AND GENERAL NOTES

| HORIZONTAL SCALE | BRIDGE FILE |
|---|---|
| N/A | |
| VERTICAL SCALE | DESIGNATION |
| N/A | 2101295 |
| SURVEY BOOK | SHEETS |
| | 2 of 8 |
| CONTRACT | PROJECT |
| R-44093 | 2101295 |

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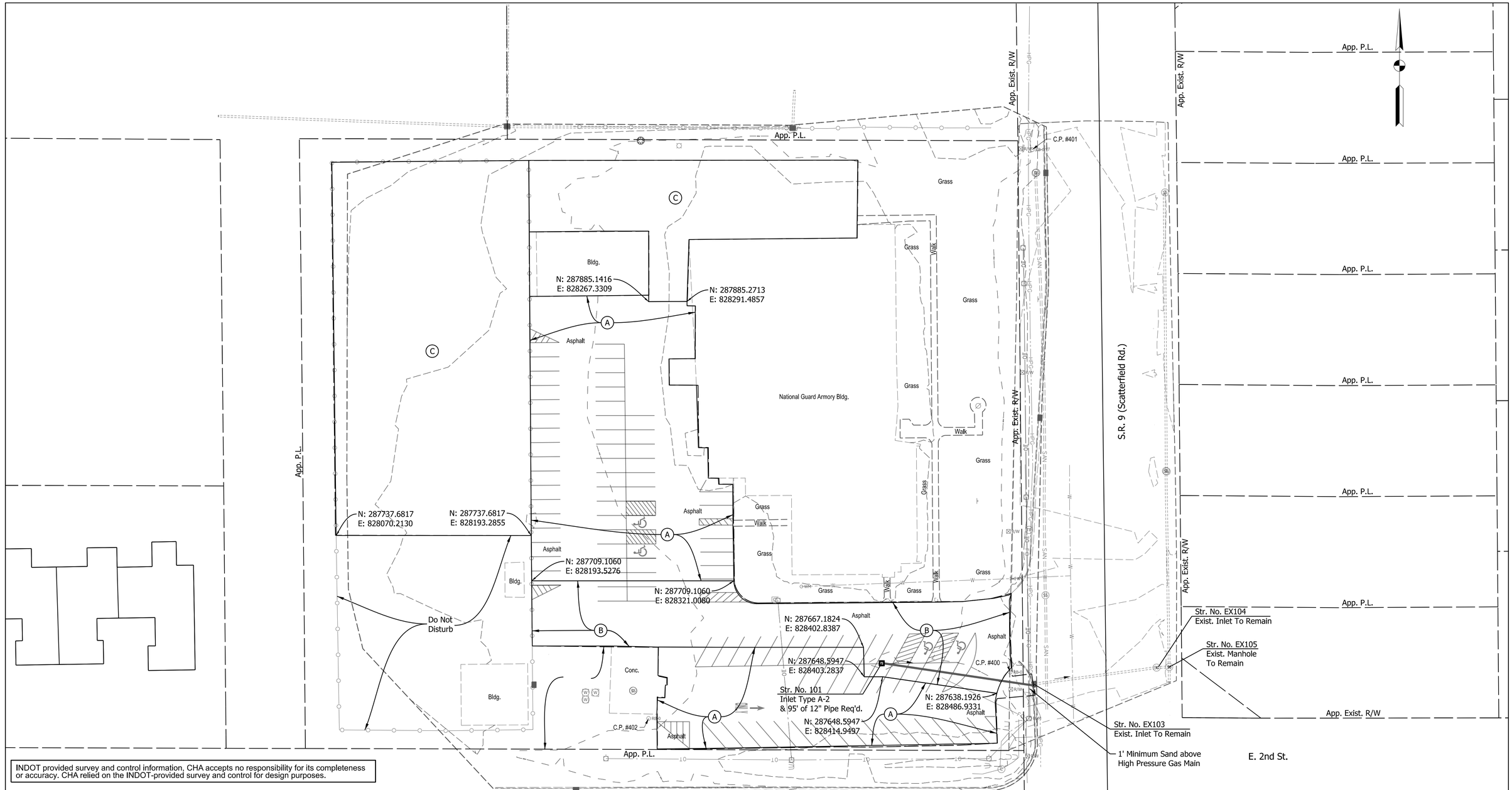


INDOT provided survey and control information, CHA accepts no responsibility for its completeness or accuracy. CHA relied on the INDOT-provided survey and control for design purposes.

**PRIMARY CONTROL AND BASIS OF BEARINGS**

A GPS Static Network was observed for horizontal and vertical control for this project by setting a Trimble R8 receiver at points 400, 401 and 402, which were set on the project site. The observations wer made utilizing GPS-RTK methods using the InCORS network.

For horizontal control, the GPS derived elevations for the control points were held.

**LOCAL GROUND COORDINATE SYSTEM AND PROJECTION PARAMETERS, US SURVEY FEET: INCGS – Madison County**

**VERTICAL DATUM:**

Vertical control for this project was established on using a static network as described above on CP 300 and CP 301. GPS RTK was to check CP 400, 401 and 402.. The Vertical Datum for this project is NAVD 88.

| Point | North | East | Description | NAVD88 Elevation |
|---|---|---|---|---|
| 400 | 287651.563 | 828495..343 | Rebar/INDOT Cap | 894.45 |
| 401 | 287098.000 | 828529.298 | Rebar/INDOT Cap | 895.00 |
| 402 | 287622.328 | 828267.284 | Benchtie in PWP | 894.73 |
| | | | | |

LEGEND

(A) Scarification:
165 lb/syd QC/QA-HMA, 2, 58S, Surface, 9.5 mm on Existing Pavement

(B) HMA on Compacted Aggregate Pavement (AADTT<500):
165 lb/syd QC/QA-HMA, 2, 58S, Surface, 9.5 mm on
495 lb/syd QC/QA-HMA, 2, 58S, Base, 19.0 mm on
4" Compacted Aggregate No. 53, on
Subgrade Treatment Type II

(C) Regrade & Compact:
Compact, add 2" Compacted No. 8 Stone

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DESIGNED: SWK | DRAWN: JSS
CHECKED: TRC | CHECKED: CRL

INDIANA
DEPARTMENT OF TRANSPORTATION

SITE PLAN

| HORIZONTAL SCALE | BRIDGE FILE |
|---|---|
| 1" = 30' | |
| VERTICAL SCALE | DESIGNATION |
| N/A | 2101295 |
| SURVEY BOOK | SHEETS |
| | 3 of 8 |
| CONTRACT | PROJECT |
| R-44093 | 2101295 |

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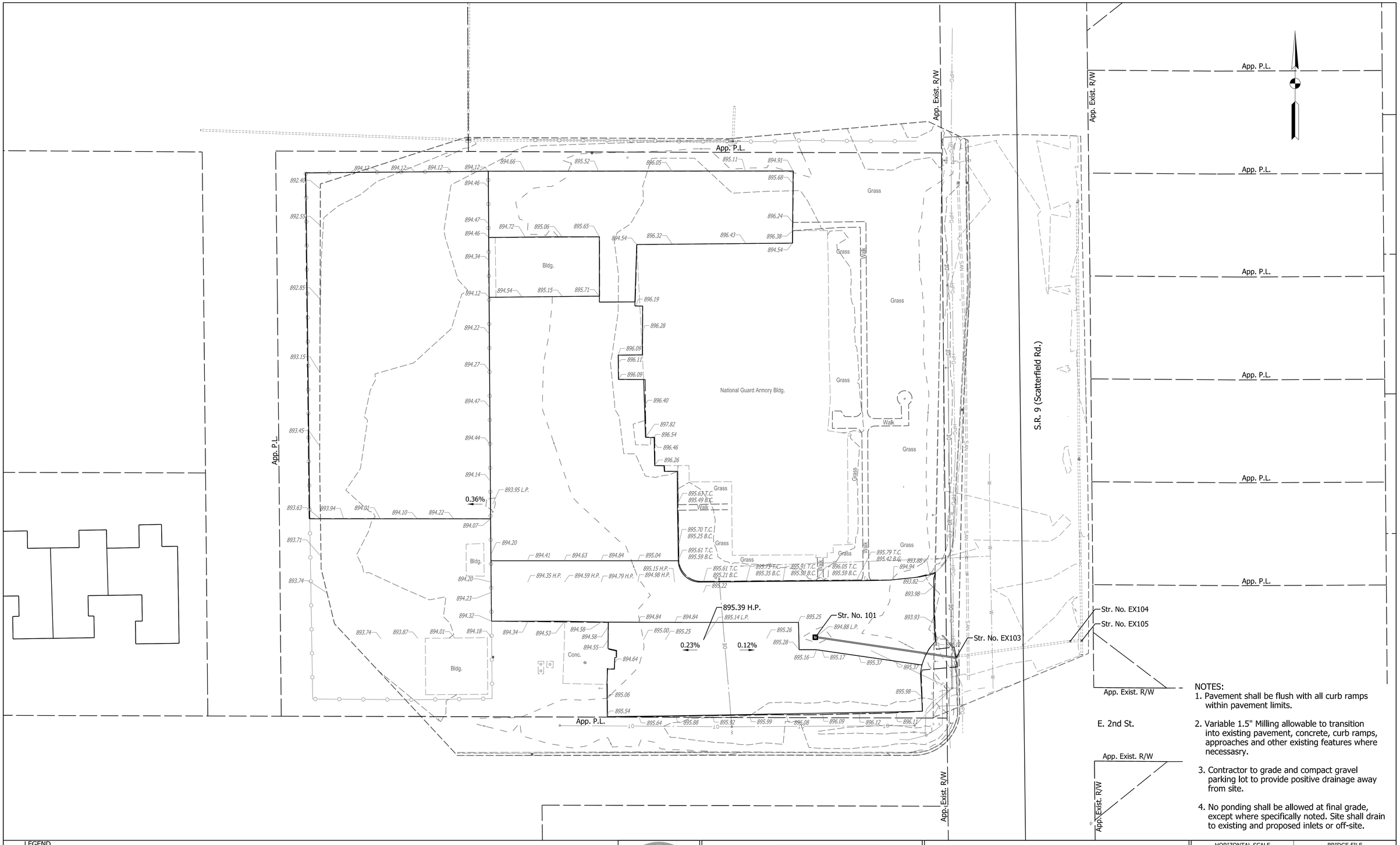


NOTES:

1. Pavement shall be flush with all curb ramps within pavement limits.
2. Variable 1.5" Milling allowable to transition into existing pavement, concrete, curb ramps, approaches and other existing features where necessasry.
3. Contractor to grade and compact gravel parking lot to provide positive drainage away from site.
4. No ponding shall be allowed at final grade, except where specifically noted. Site shall drain to existing and proposed inlets or off-site.

LEGEND

| | |
|---|---|
| 000.00 | Existing Elevation |
| 000.00 | Proposed Elevation |
| H.P. | High Point |
| L.P. | Low Point |
| T.C. | Top of Curb |
| B.C. | Bottom of Curb |

CORY R. LAMB REGISTERED No. 12100289 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — DATE: 3/14/2025

DESIGNED: SWK | DRAWN: JSS

CHECKED: TRC | CHECKED: CRL

INDIANA
DEPARTMENT OF TRANSPORTATION

GRADING PLAN

| HORIZONTAL SCALE | BRIDGE FILE |
|---|---|
| 1" = 30' | |
| VERTICAL SCALE | DESIGNATION |
| N/A | 2101295 |
| SURVEY BOOK | SHEETS |
| | 4 of 8 |
| CONTRACT | PROJECT |
| R-44093 | 2101295 |

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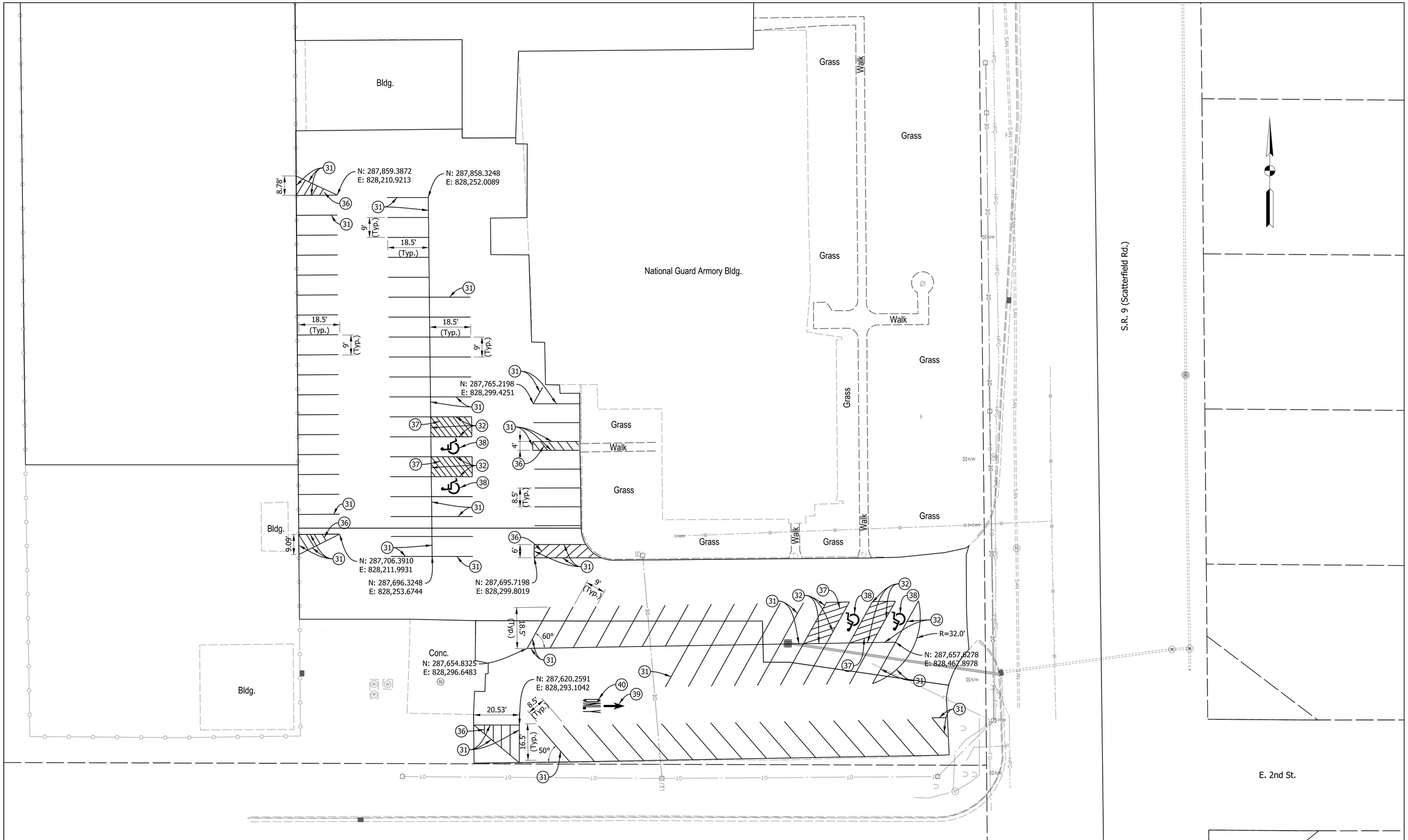


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TIME PLOTTED: 7:57:34 AM

LEGEND

31 Line, Paint, Solid, White, 4 in.
32 Line, Paint, Solid, Blue, 4 in.
33 Line, Paint, Solid, Yellow, 4 in.
36 Transverse Marking, Paint, Crosshatch Line, (White), 8 in.
37 Transverse Marking, Paint, Crosshatch Line, (Blue), 8 in.
38 Pavement Message Marking, Paint, Handicap Symbol
39 Pavement Message Marking, Paint, Lane Indication Arrow
40 Pavement Message Marking, Paint, ONLY

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DESIGNED: SWK | DRAWN: JSS
CHECKED: TRC | CHECKED: CRL

INDIANA
DEPARTMENT OF TRANSPORTATION

PARKING LOT LAYOUT

| HORIZONTAL SCALE | BRIDGE FILE |
|---|---|
| 1" = 20' | |
| VERTICAL SCALE | DESIGNATION |
| N/A | 2101295 |
| SURVEY BOOK | SHEETS |
| | 5 of 8 |
| CONTRACT | PROJECT |
| R-44093 | 2101295 |