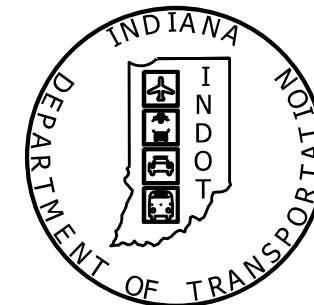


PROJECT	DESIGNATION
2101295	2101295
CONTRACT	BRIDGE FILE
R-44093	N/A

# INDIANA DEPARTMENT OF TRANSPORTATION



## ROAD PLANS

### LEAD DESIGNATION NUMBERS

DES #2101295 Anderson National Guard Armory Parking Lot

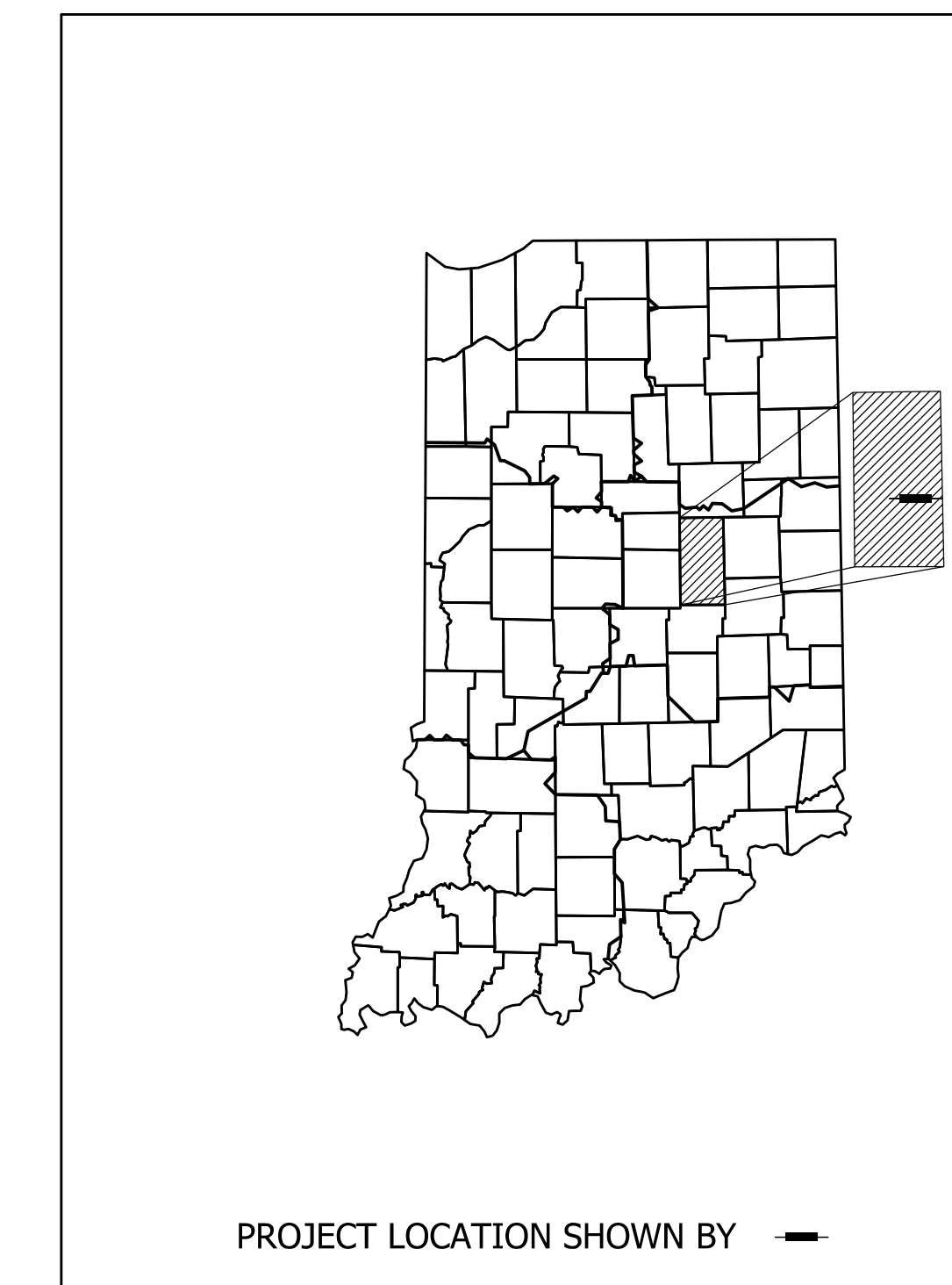
TRAFFIC DATA		
A.A.D.T.	(2025)	17,606 V.P.D.
A.A.D.T.	(2045)	21,483 V.P.D.
D.H.V	(2045)	1934 V.P.H.
DIRECTIONAL DISTRIBUTION		51% NB
TRUCKS		3% A.A.D.T.
		3% D.H.V

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

PROJECT NO. 2101295 P.E.  
 2101295 C.E.  
 2101295 R/W

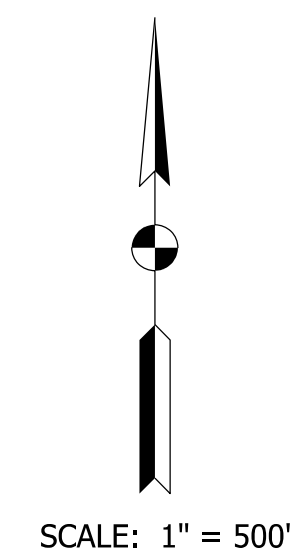
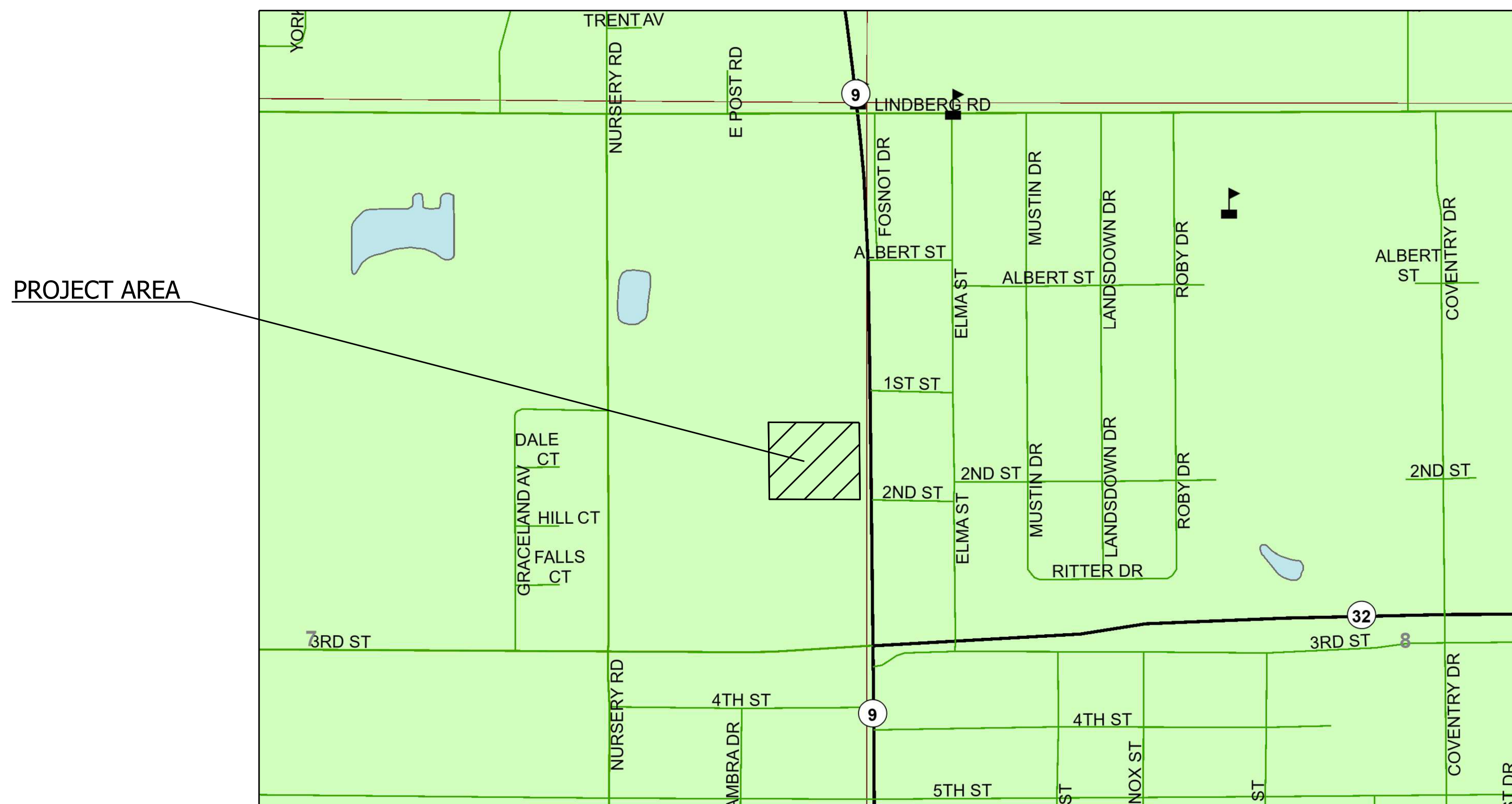
No Additional Right-of-Way  
 Required For This Project

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.



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

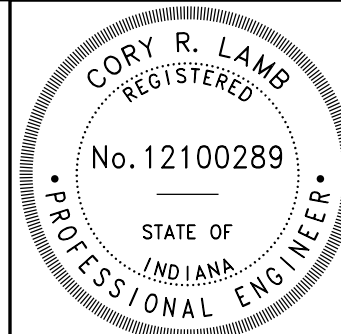
HUC #051202010307



LOCATION MAP  
 Anderson Township  
 Madison County

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

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 TIME PLOTTED: 3:47:41 PM

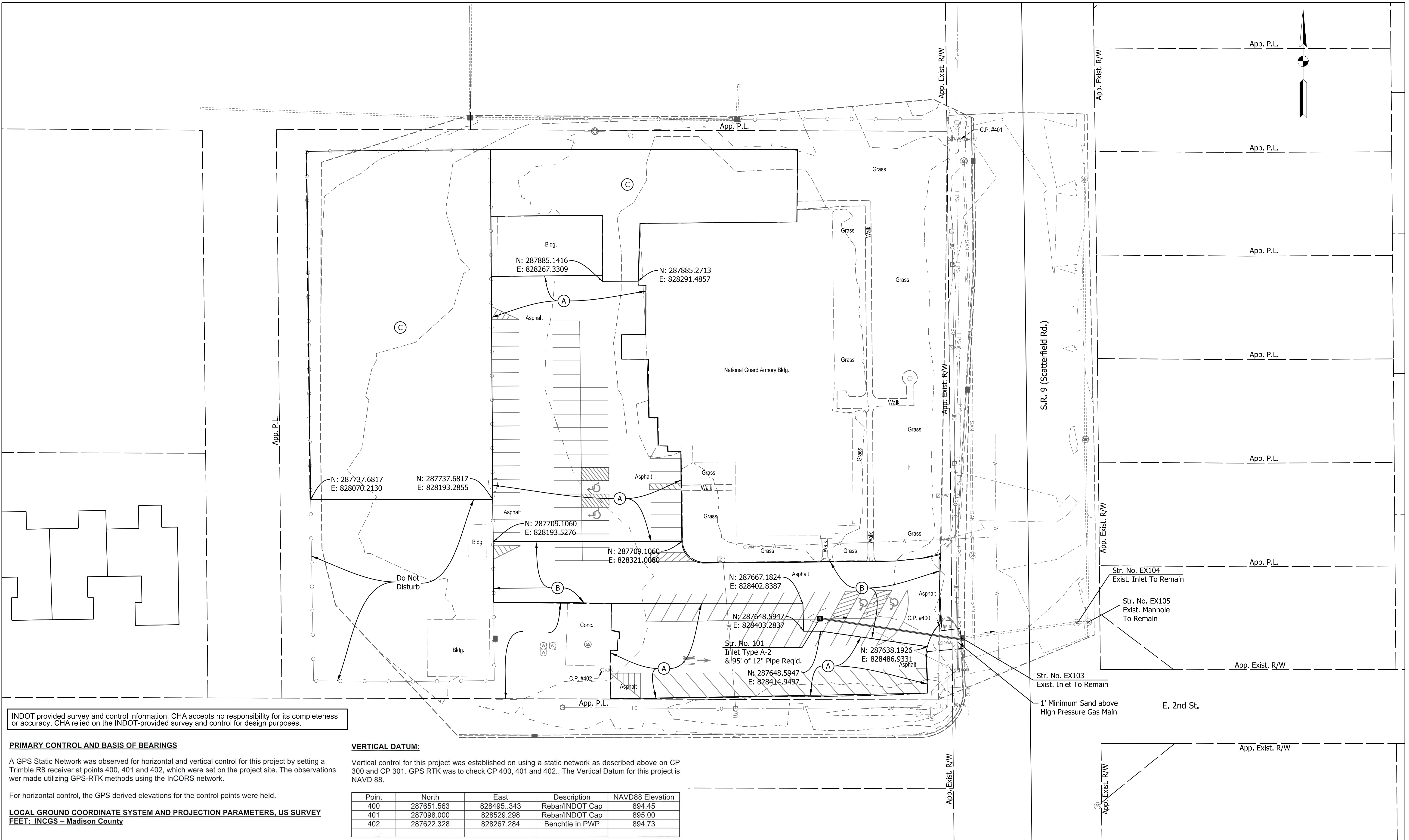


PLANS PREPARED BY: CHA Consulting, Inc. 317.786.0461 PHONE NUMBER  
 CERTIFIED BY: *Cory R. Lamb* 3/14/2025 DATE  
 APPROVED FOR LETTING: *Mark Bailey* 05/30/2025  
 INDIANA DEPARTMENT OF TRANSPORTATION

BRIDGE FILE	
DESIGNATION	2101295
SURVEY BOOK	SHEETS
	1 of 8
CONTRACT	PROJECT
R-44093	2101295



PATH AND FILENAME: \\cra-llp.com\proj\Projects\ANY\K7\088860.000\09\_Design\Drawings\01\_Sheets\Site Plan.dgn  
 MODEL NAME: Sheet  
 DATE PLOTTED: 3/14/2025  
 TIME PLOTTED: 7:58:17 AM



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 were 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**

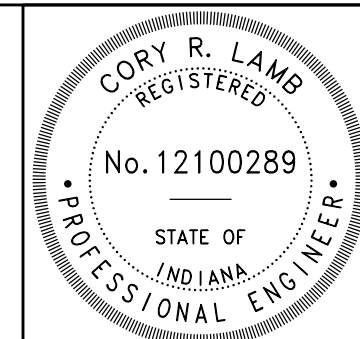
**VERTICAL DATUM:**

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 NAVD88.

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

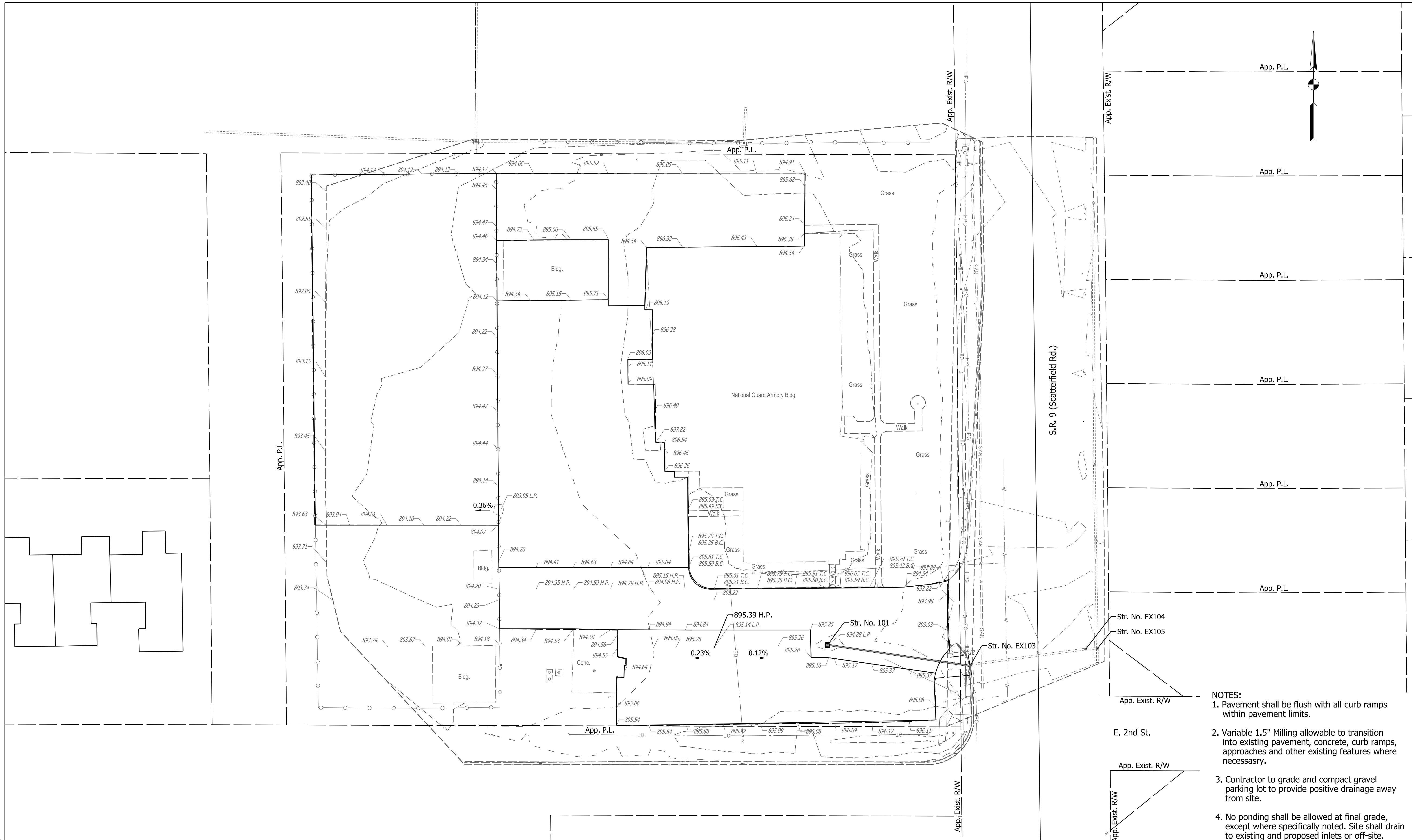


RECOMMENDED FOR APPROVAL *Cory R. Lamb*  
 DESIGN ENGINEER 3/14/2025 DATE  
 DESIGNED: SWK DRAWN: JSS  
 CHECKED: TRC CHECKED: CRL

INDIANA DEPARTMENT OF TRANSPORTATION  
 SITE PLAN

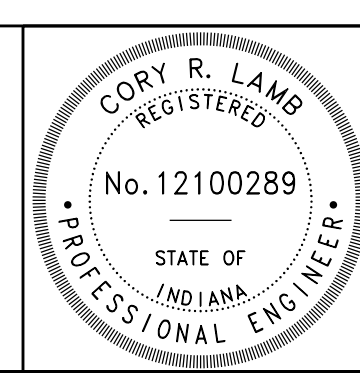
HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2101295
SURVEY BOOK	SHEETS
	3 of 8
CONTRACT	PROJECT
R-44093	2101295

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 MODEL NAME: Sheet  
 DATE PLOTTED: 3/13/2025  
 TIME PLOTTED: 7:57:27 AM



**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



RECOMMENDED FOR APPROVAL	<i>Cory R. Lams</i>	3/14/2025
	DESIGN ENGINEER	DATE
DESIGNED: SWK	DRAWN: JSS	
CHECKED: TRC	CHECKED: CRL	

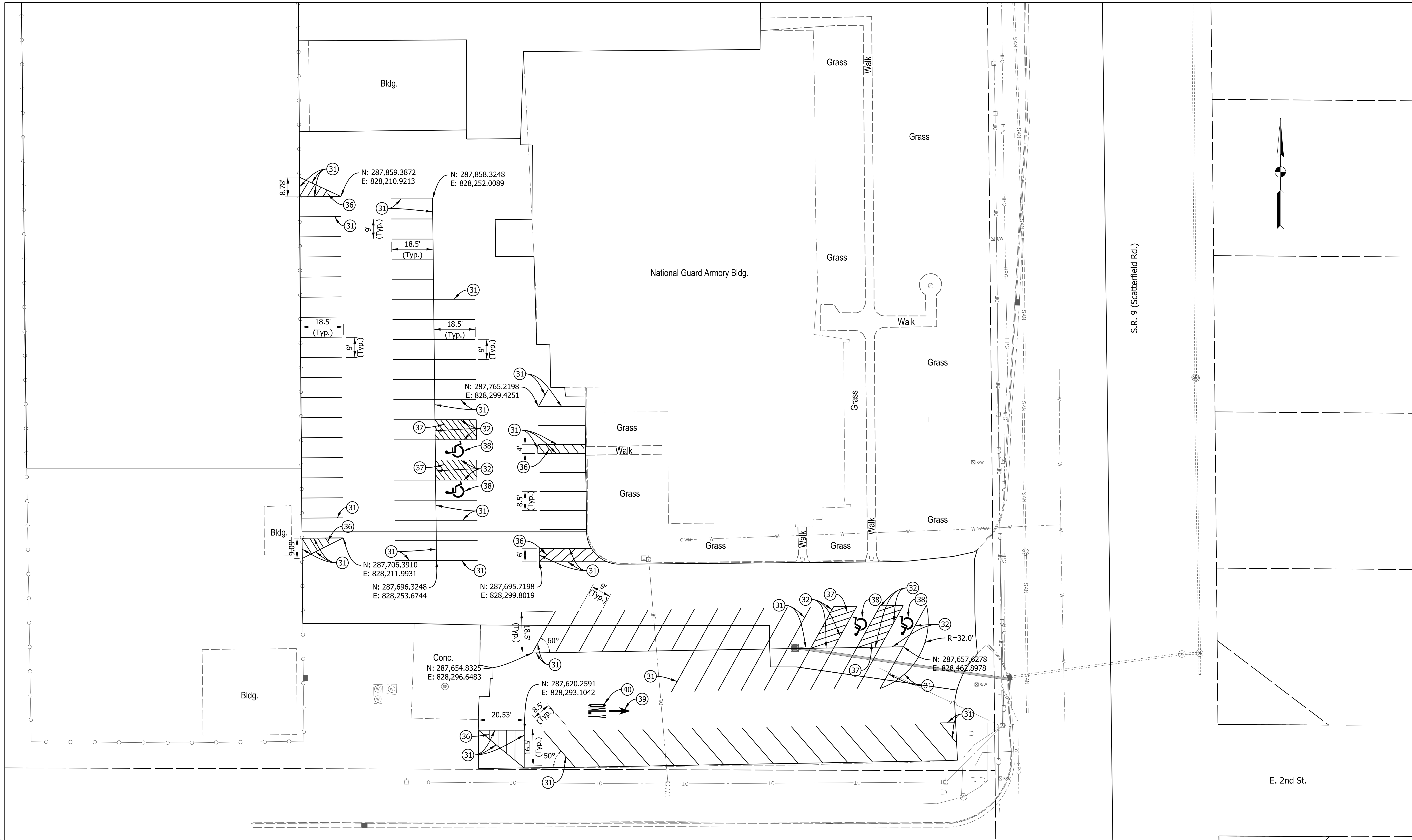
**INDIANA**  
 DEPARTMENT OF TRANSPORTATION

**GRADING PLAN**

- 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 necessary.
  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.

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

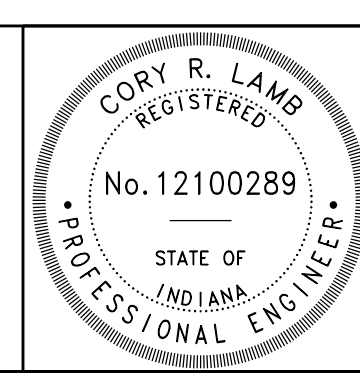
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 MODEL NAME: Sheet  
 DATE PLOTTED: 3/13/2025  
 TIME PLOTTED: 7:57:34 AM



**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



RECOMMENDED FOR APPROVAL	<i>Cory R. Lamb</i>	DESIGN ENGINEER	3/14/2025	DATE
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