TEXAS DEPARTMENT OF TRANSPORTATION – DALLAS DISTRICT

WILLIAM HALE, P.E. – DISTRICT ENGINEER

DESIGN SCHEMATIC

SH 121/DNT INTERCHANGE, COLLIN COUNTY

SH 121: FROM NORTH OF LEGACY DRIVE TO NORTH OF SH 289 (PRESTON ROAD), 2.16 MILES
DNT: FROM SOUTH OF LEGACY DRIVE TO NORTH OF GAYLORD PARKWAY, 1.84 MILES

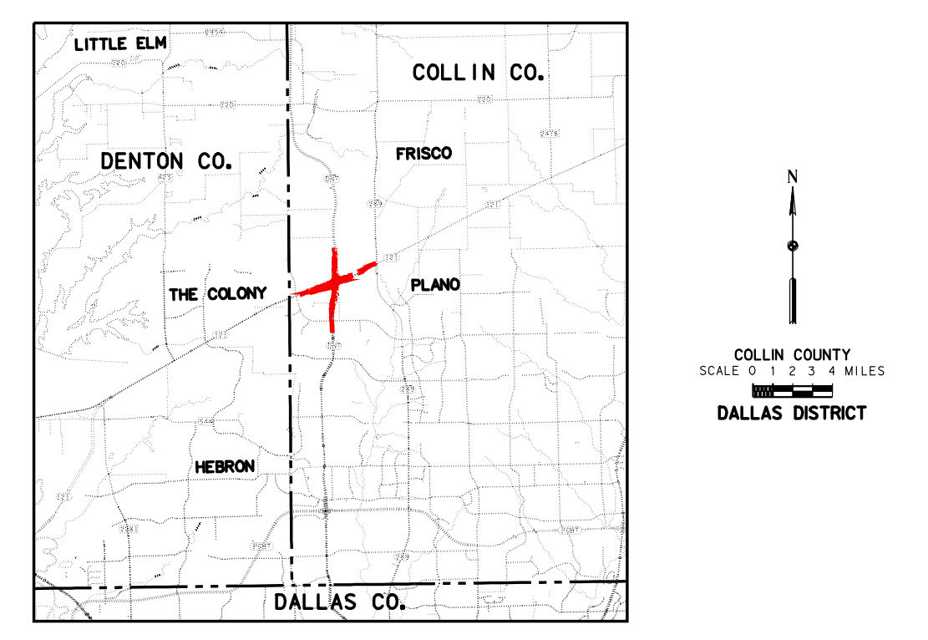
CSJ: 0364–04–047

DESIGN SPEED

MAINLANES – 70 MPH (URBAN FREEWAY)
SLIP RAMPS – 50 MPH (URBAN ARTERIAL)
DIRECT CONNECTORS – 45 MPH
FRONTAGE ROADS – 50 MPH
CROSS STREETS – 45 MPH

HIGHWAY CLASSIFICATION

OTHER URBAN FREEWAY


LITTLE ELM
COLLIN CO.
DENTON CO.
FRISCO
THE COLONY
PLANO
HEBRON
DALLAS CO.
N
COLLIN COUNTY
SCALE 0 1 2 3 4 MILES
DALLAS DISTRICT

DATE APPROVED	
DATE SUBMITTED	
DATE REVISED	

PREPARED BY HNTB
UNDER THE SUPERVISION OF:
CHRISTOPHER M. BERGERON, P.E.

NOT INTENDED FOR
CONSTRUCTION, BIDDING
OR PERMIT PURPOSES.

SERIAL NO. 72895
DATE: ____________

0 100 200
HORIZONTAL
0 10 20
VERTICAL
SCALE IN FEET

TABLE OF CONTENTS:

	ROLL
PLAN/PROFILE	1–4
PLAN	5
PROFILES	6–8
SIGNING SCHEMATIC	9–11

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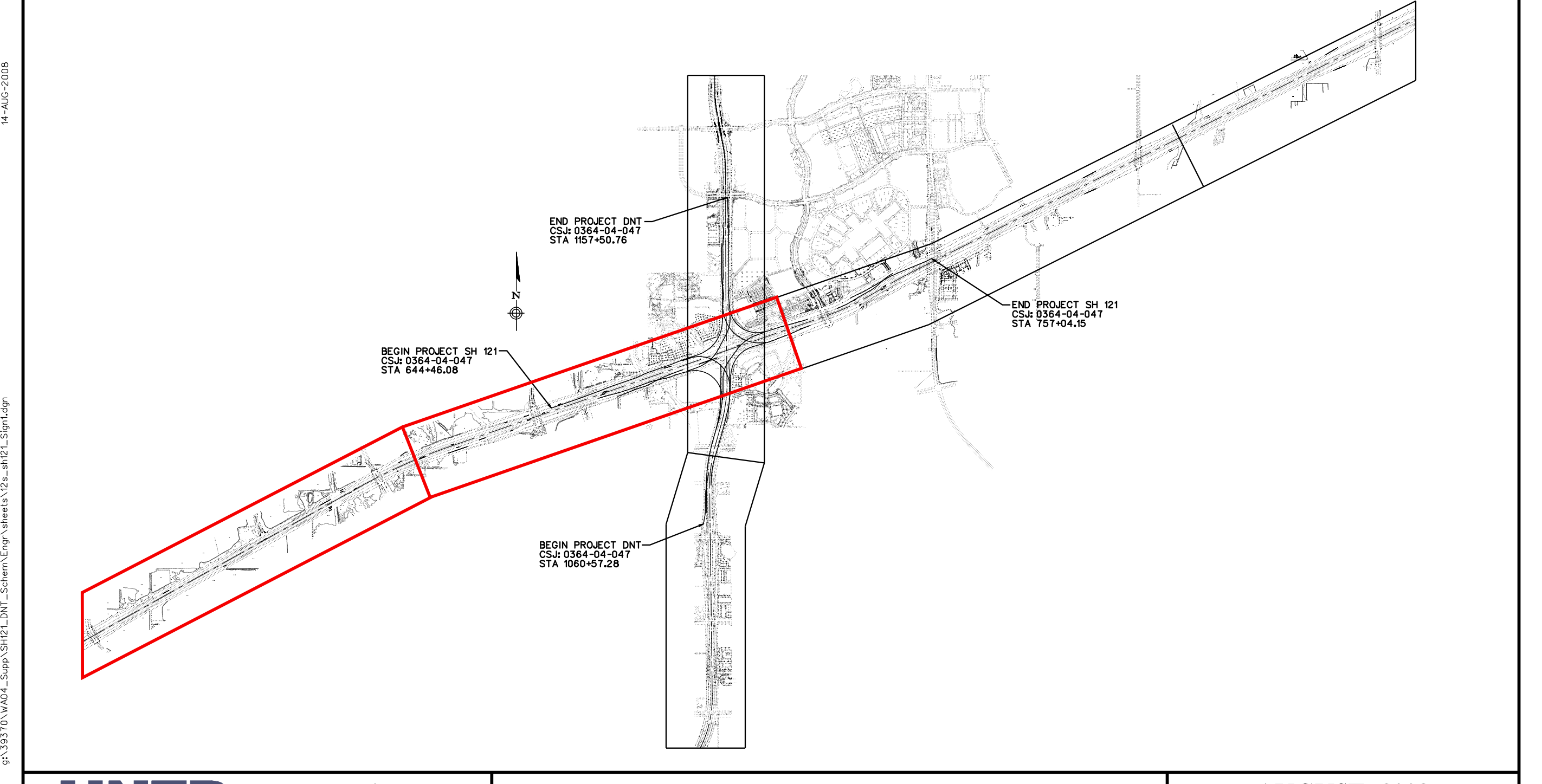
END PROJECT DNT
CSJ: 0364-04-047
STA 1157+50.76
BEGIN PROJECT SH 121
CSJ: 0364-04-047
STA 644+46.08
END PROJECT SH 121
CSJ: 0364-04-047
STA 757+04.15
BEGIN PROJECT DNT
CSJ: 0364-04-047
STA 1060+57.28
N

HNTB Corporation
The HNTB Companies
Engineers Architects Planners

SIGNING SCHEMATIC 1 OF 3

AUGUST 2008
ROLL 9 OF 11

THESE ARE PRELIMINARY DESIGN CONCEPTS
Subject to change based on further developments resulting from public input and technical review.

PAIGE DR
PLANO PKWY
℄ SH 121
MORNINGSTAR DR
BURLINGTON NORTHERN
SPRING CREEK PKWY
500+00
505+00
510+00
515+00
520+00
525+00
530+00
535+00
540+00
545+00
550+00
555+00
560+00
565+00
570+00
575+00
580+00
585+00
590+00
595+00
600+00
605+00
Spring Creek Pkwy 1
Legacy Dr 2
Dallas Pkwy 2 3/4
COSS 2
STA 497+60
TEXAS 121
Frontage Rd
COSS 1
STA 520+00
Spring Creek Pkwy
EXIT 1/4 MILE
COSS 1
STA 535+65
Spring Creek Pkwy
COSS 1
STA 551+30
Legacy Dr 3/4
Dallas Pkwy 1 1/2
Dallas North Tollway 1 3/4
COSS 2
STA 561+75
Legacy Dr
EXIT 1/4 MILE
COSS 1
STA 589+80
Legacy Dr
COSS 1
STA 601+05
Dallas Pkwy 3/4
Dallas North Tollway 1
Parkwood Blvd 1 1/2
COSS 2
STA 609+05
MATCHLINE STA 610+00
CSJ: 0364-04-047
N

MATCHLINE STA 610+00
CSJ: 0364-04-047
615+00
620+00
625+00
630+00
635+00
640+00
645+00
650+00
655+00
660+00
665+00
670+00
675+00
680+00
685+00
690+00
700+00
LEGACY DR
LEADERSHIP DR.
STONEBRIAR COMMONS ON LEGACY
TOWN & COUNTRY OFFICE PARK
BANKSTON FORD
DAVID McDAVID HONDA
IKEA
EXIST. R.O.W.
EXIST. EASEMENT
OPEN FIELD
WBFR
EBFR
℄ DC SB-WB
℄ DC EB-NB
℄ DC EB-SB
℄ DC NB-WB
℄ DC WB-NB
℄ DC SB-EB
℄ DC WB-SB
℄ DC NB-EB
℄ SH 121
℄ DNT
℄ RAMP LEG-E121
℄ RAMP 121-SDNT
℄ RAMP HEA-NDNT
PHYSICAL GORE ℄ RAMP LEG-E121 ST
PROP. R.O.W.
BLUE MESA
WOODFIRE GRILL
TBANKS
FAST SIGNS
BANKS DENTAL
REMAX
SUBWAY
LEAN BODIES
GRANITE PROPERTIES
SHOPS AT GRANITE PARK
Dallas Pkwy
EXIT 1/2 MILE
COSS 2
STA 625+00
Dallas North Tollway
EXIT 1/4 MILE
Dallas Pkwy
COSS 3
STA 644+15
Dallas North Tollway
COSS 4
STA 644+65
Parkwood Blvd
EXIT 1/4 MILE
COSS 4
STA 668+00
Parkwood Blvd 1/2
Preston TEXAS 289 1 1/4
Hillcrest Rd 2
COSS 1
STA 657+50
Dallas North Tollway
COSS 3
STA 659+00
TOLL ROAD ENDS
COSS 4
STA 662+00
Parkwood Blvd
EXIT 1/2 MILE
COSS 3
STA 664+20
TOLL ROAD
121 TOLL SOUTH
Lewisville
TEXAS 121
Legacy Dr
COSS 1
STA 674+25
TOLL ROAD
121 TOLL SOUTH
Lewisville
TEXAS 121
Legacy Dr
EXIT 1/2 MILE
COSS 1
STA 700+00
NORTH
Dallas North Tollway
SOUTH
Dallas North Tollway
OSB 3
STA 679+50
SOUTH
Dallas North Tollway
NORTH
Dallas North Tollway
OSB 3
STA 701+70
TOLL ROAD
TEXAS 289
Preston Rd
Ohio Dr
EXIT 3/4 MILE
Parkwood Blvd
COSS 1
STA 687+50
MATCHLINE STA 705+00
CSJ: 0364-04-047
N

NOTES:

1. EXISTING SIGNING ALONG SH 121 BASED ON TxDOT'S CONCEPTUAL TOLL PLAN

OVERHEAD SIGN PANEL NOTES:

1 EXISTING SIGN AND COSS TO REMAIN.
2 PROPOSED SIGN ON EXISTING COSS.
3 PROPOSED SIGN AND COSS.
4 REMOVE EXISTING SIGN AND COSS.

LEGEND

- 🟨 Main Lane
- 🟪 Direct Connector
- 🟩 Frontage Road/Cross Street
- 🟦 Ramp
- 🟫 Bridge Structure
- — · — Existing ROW
- — — Proposed ROW
- — · — Existing Centerline
- — · — Proposed Baseline
- ▨ Pavement Removal
- —‖— Control of Access
- — Proposed Retaining Wall
- ▬ Proposed COSS
- ▭ Existing COSS

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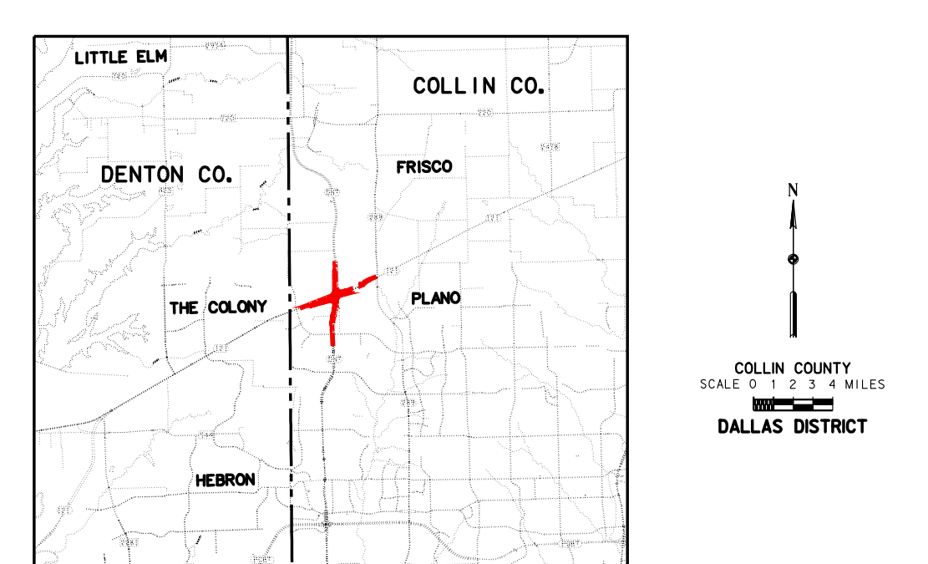
AUGUST 2008
ROLL 9 OF 11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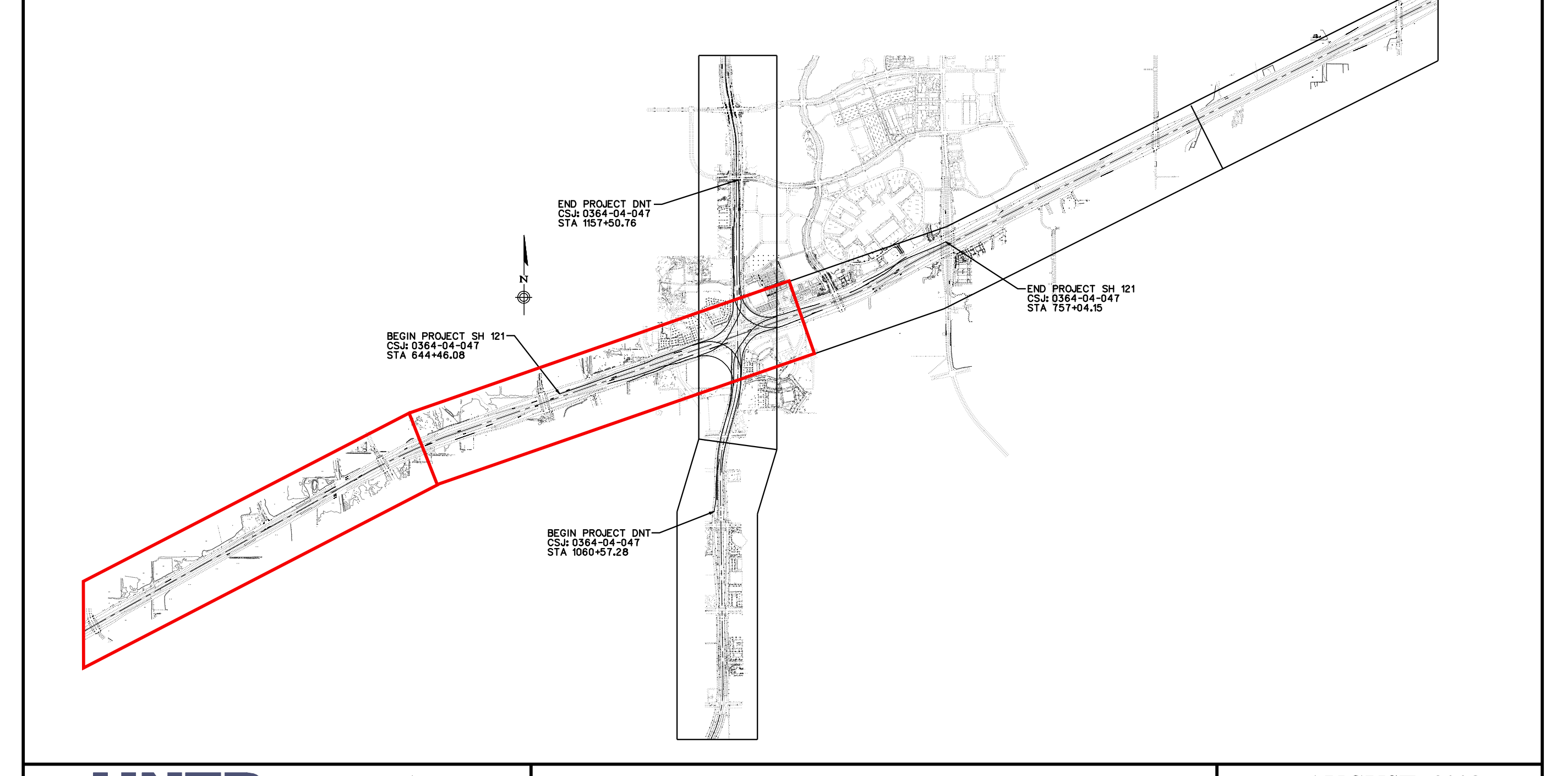
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