LIGHTNER ROAD

2-Lane Resurfacing w/ paved shoulder & ditch on north side
4' paved shoulder & Type 4 C-G on south side

Functional Classification

Major Collector
> 2,000 ADT Design Year

LEFT:
12' lanes
4' paved shoulder (high truck traffic)
10' graded shoulder

RIGHT:
6' treated shoulder (4' paved + 2' gutter)
10' separated bike path

Assumed Pavement Buildings
LIGHTNER ROAD

3-Lane Widening w/paved shoulders and closed drainage
Resurface existing pavement (= 26')
Revise speed limit to 45 MPH (preferred)
Provide 4' paved shoulder + Type 4 C&G on north side
Provide 4' paved shoulder + Type 4 C&G on south side
Maintain existing crown location
End C&G on north side @ Wrena west property line
DIA NE Logistics Access

3-lane Resurfacing of Bikepath

Retain deficient shoulders (2') existing vs 8' wid

Extends resurfacing to 500' north of Lightner Rd.

Observed grade of 45 MPH

North Dixie Drive

Bikepath

(1')

(1')

(2')

(5')

(20')

(12')

(6')

(2')

(1')
DIA NE Logistics Access

NGS  8-25-21 47

North Dixie Drive

3-Lane Widening w/ Bikepath
Resurface existing pavement (w/ #1)
Provide #1 and bikepath on west side
Maintain existing crown location
Provide speed limit to 45 MPH

Ex Crown
North Dixie Driv[e

North Dixie Driv[e

50' interaction

Deceleration + Storage

Northwoods Blvd

Northwoods Blvd

420' tapered

[allow 500']

[allow 750']

[NORTH DIXIE DRIVE]

[Widen east side for dual SB LTC]

Produce CEG and bikepath on east side; extend south to Freeman Ave.
**NORTH DIXIE DRIVE**

**SB**: Resurface existing pavement (~26')

**NB**: Widen for dual SB LTL

Provide C & G and bikepath to Inverness Ave.

Existing speed limit = 45 MPH
Reconstruct existing pavement (~48')
Existing speed limit = 35 mph