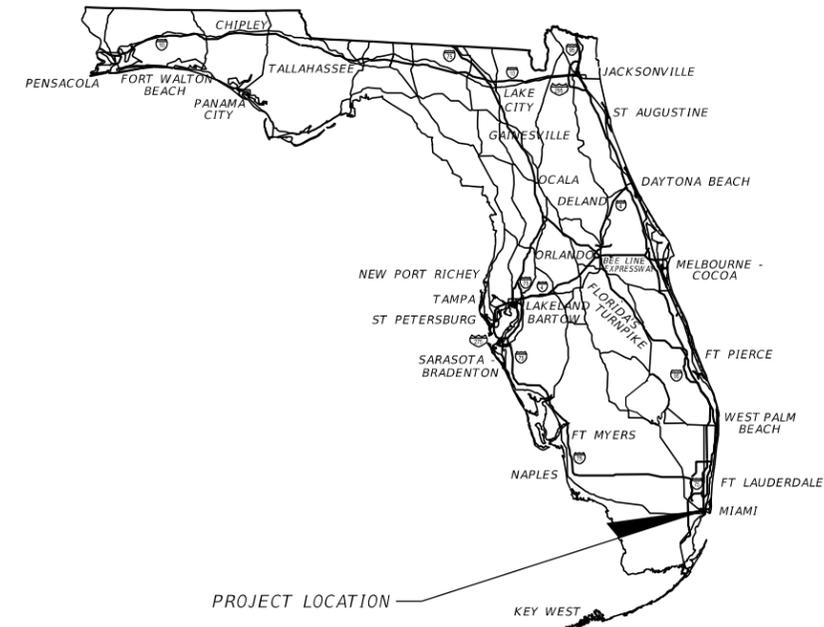




STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION PACKAGE

FINANCIAL PROJECT ID 452428-1-21-01
BROAD CAUSEWAY BRIDGE (SR-922) REPLACEMENT
OVER THE INTRACOASTAL WATERWAY (ICWW)
PROJECT DEVELOPMENT & ENVIRONMENT STUDY



FDOT DISTRICT DESIGN ENGINEER	FDOT DISTRICT TRAFFIC OPERATIONS ENGINEER
•	•
•	•
CONCURRING WITH TYPICAL SECTION NO. 4: TYPICAL SECTION ELEMENTS TARGET SPEED DESIGN & POSTED SPEEDS	CONCURRING WITH TYPICAL SECTION NO. 4: TARGET SPEED DESIGN & POSTED SPEEDS

FDOT DISTRICT INTERMODAL SYSTEMS DEVELOPMENT MANAGER	FDOT DISTRICT STRUCTURES DESIGN ENGINEER
•	•
•	•

CONCURRING WITH TYPICAL SECTION NO. 4: CONTEXT CLASSIFICATION TARGET SPEED	CONCURRING WITH: TYPICAL SECTION ELEMENTS TARGET SPEED
--	--

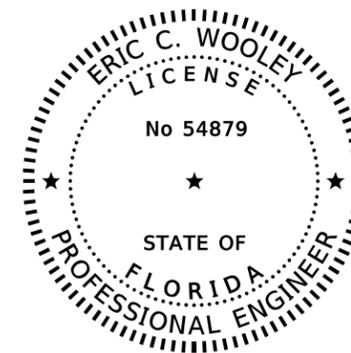
FHWA TRANSPORTATION ENGINEER	TOWN OF BAY HARBOR ENGINEER
•	•
•	•

CONCURRING WITH: TYPICAL SECTION ELEMENTS	CONCURRING WITH: TYPICAL SECTION ELEMENTS
--	--

PROJECT LOCATION URL:	https://tinyurl.com/2rujep6z
PROJECT LIMITS:	BEGIN MP 3.854 - END MP 4.868*
EXCEPTIONS:	NONE
BRIDGE LIMITS:	MP 4.207 - MP 4.498*
RAILROAD CROSSING:	NONE

*MP 3.741 - MP 4.546 NOT ON SHS

APPROVED BY:



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SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL
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ATKINS NORTH AMERICA, INC.
482 S. KELLER RD., SUITE 300
ORLANDO, FL 32810
ERIC C. WOOLEY, P.E. NO. 54879

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

INDEX OF SHEETS

SHEET NO	SHEET DESCRIPTION
1	COVER SHEET
2	TYPICAL SECTION NO. 1
3	TYPICAL SECTION NO. 2
4	TYPICAL SECTION NO. 3
5	TYPICAL SECTION NO. 4

PROJECT CONTROLS

CONTEXT CLASSIFICATION

- () C1 : NATURAL () C3C : SUBURBAN COMM.
- () C2 : RURAL (x) C4 : URBAN GENERAL
- () C2T : RURAL TOWN () C5 : URBAN CENTER
- () C3R : SUBURBAN RES. () C6 : URBAN CORE
- () N/A : L.A. FACILITY

FUNCTIONAL CLASSIFICATION

- () INTERSTATE () MAJOR COLLECTOR
- () FREEWAY/EXPWY. (x) MINOR COLLECTOR
- () PRINCIPAL ARTERIAL () LOCAL
- () MINOR ARTERIAL

HIGHWAY SYSTEM

- () NATIONAL HIGHWAY SYSTEM
- () STRATEGIC INTERMODAL SYSTEM
- () STATE HIGHWAY SYSTEM
- (x) OFF-STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

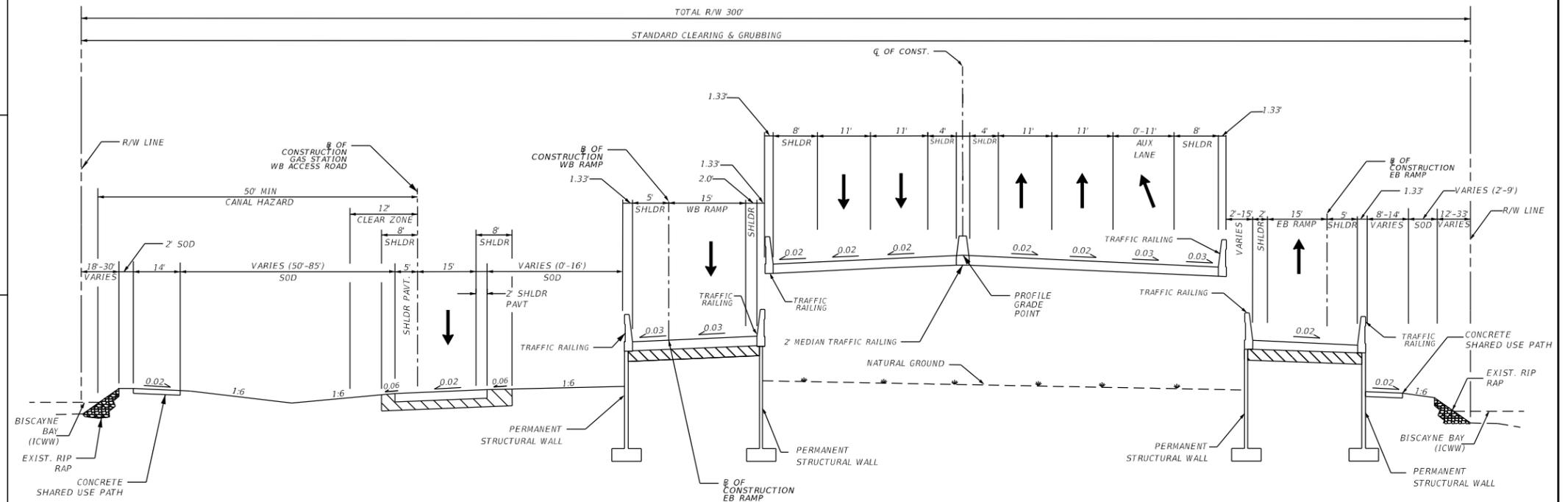
- () 1 - FREEWAY
- () 2 - RESTRICTIVE w/Service Roads
- () 3 - RESTRICTIVE w/660 ft. Connection Spacing
- (x) 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
- () 5 - RESTRICTIVE w/440 ft. Connection Spacing
- () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- () 7 - BOTH MEDIAN TYPES

CRITERIA

- (x) NEW CONSTRUCTION / RECONSTRUCTION
- () RESURFACING (LA FACILITIES)
- () RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:

TYPICAL SECTION No. 2



PROP. TYPICAL SECTION NO. 2
 BROAD CAUSEWAY WESTBOUND AND EASTBOUND RAMP OF ICWW
 STA. 111+79.50 TO STA. 124+00.00

TRAFFIC DATA

CURRENT YEAR = 2023 AADT = 22000
 ESTIMATED OPENING YEAR = 2030 AADT = 26900
 ESTIMATED DESIGN YEAR = 2050 AADT = 31900
 K = 9.0% D = 56.5% T = 2.6 % (24 HOUR)
 DESIGN HOUR T = 8.0%
 TARGET SPEED = 30 MPH
 DESIGN SPEED = 30 MPH
 POSTED SPEED = 30 MPH
 DESIGN SPEED FOR RAMPS = 25 MPH

NOT TO SCALE

FINANCIAL PROJECT ID	SHEET NO.
452428-1-21-01	3

PROJECT CONTROLS

CONTEXT CLASSIFICATION

- () C1 : NATURAL () C3C : SUBURBAN COMM.
- () C2 : RURAL (x) C4 : URBAN GENERAL
- () C2T : RURAL TOWN () C5 : URBAN CENTER
- () C3R : SUBURBAN RES. () C6 : URBAN CORE
- () N/A : L.A. FACILITY

FUNCTIONAL CLASSIFICATION

- () INTERSTATE () MAJOR COLLECTOR
- () FREEWAY/EXPWY. (x) MINOR COLLECTOR
- () PRINCIPAL ARTERIAL () LOCAL
- () MINOR ARTERIAL

HIGHWAY SYSTEM

- () NATIONAL HIGHWAY SYSTEM
- () STRATEGIC INTERMODAL SYSTEM
- () STATE HIGHWAY SYSTEM
- (x) OFF-STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

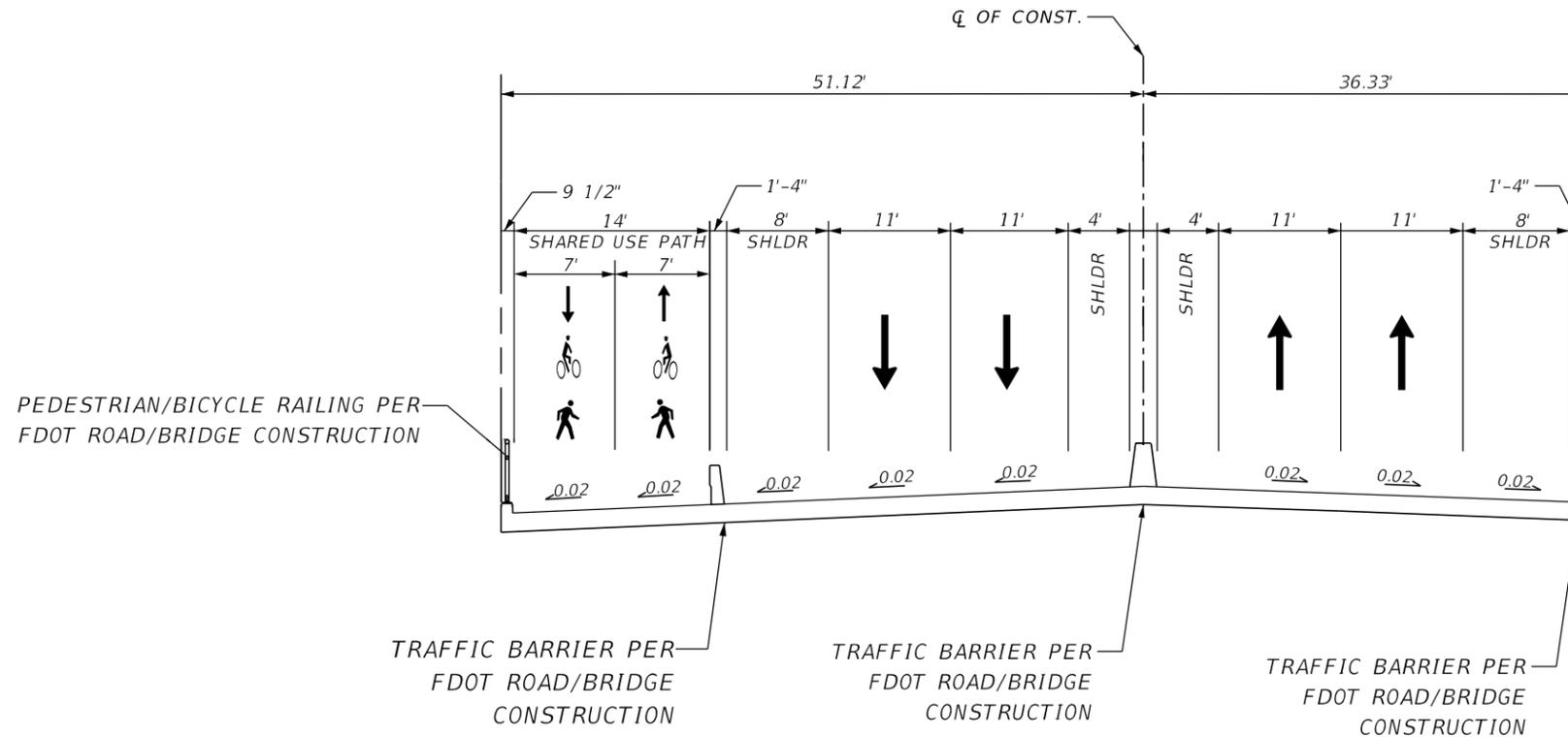
- () 1 - FREEWAY
- () 2 - RESTRICTIVE w/Service Roads
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- () 7 - BOTH MEDIAN TYPES

CRITERIA

- (x) NEW CONSTRUCTION / RECONSTRUCTION
- () RESURFACING (LA FACILITIES)
- () RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:

TYPICAL SECTION No. 3



PROP. TYPICAL SECTION NO. 3
BROAD CAUSEWAY BRIDGE OVER ICWW
STA. 124+00.00 TO STA. 141+41.25

TRAFFIC DATA

CURRENT YEAR = 2023 AADT = 22000
 ESTIMATED OPENING YEAR = 2030 AADT = 26900
 ESTIMATED DESIGN YEAR = 2050 AADT = 31900
 K = 9.0% D = 56.5% T = 2.6 % (24 HOUR)
 DESIGN HOUR T = 8.0%
 TARGET SPEED = 30 MPH
 DESIGN SPEED = 30 MPH
 POSTED SPEED = 30 MPH

NOT TO SCALE

FINANCIAL PROJECT ID	SHEET NO.
452428-1-21-01	4

PROJECT CONTROLS

CONTEXT CLASSIFICATION

- () C1 : NATURAL () C3C : SUBURBAN COMM.
- () C2 : RURAL (X) C4 : URBAN GENERAL
- () C2T : RURAL TOWN () C5 : URBAN CENTER
- () C3R : SUBURBAN RES. () C6 : URBAN CORE
- () N/A : L.A. FACILITY

FUNCTIONAL CLASSIFICATION

- () INTERSTATE () MAJOR COLLECTOR
- () FREEWAY/EXPWY. (X) MINOR COLLECTOR
- () PRINCIPAL ARTERIAL () LOCAL
- () MINOR ARTERIAL

HIGHWAY SYSTEM

- () NATIONAL HIGHWAY SYSTEM
- () STRATEGIC INTERMODAL SYSTEM
- (X) STATE HIGHWAY SYSTEM
- () OFF-STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

- () 1 - FREEWAY
- () 2 - RESTRICTIVE w/Service Roads
- () 3 - RESTRICTIVE w/660 ft. Connection Spacing
- (X) 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
- () 5 - RESTRICTIVE w/440 ft. Connection Spacing
- () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- () 7 - BOTH MEDIAN TYPES

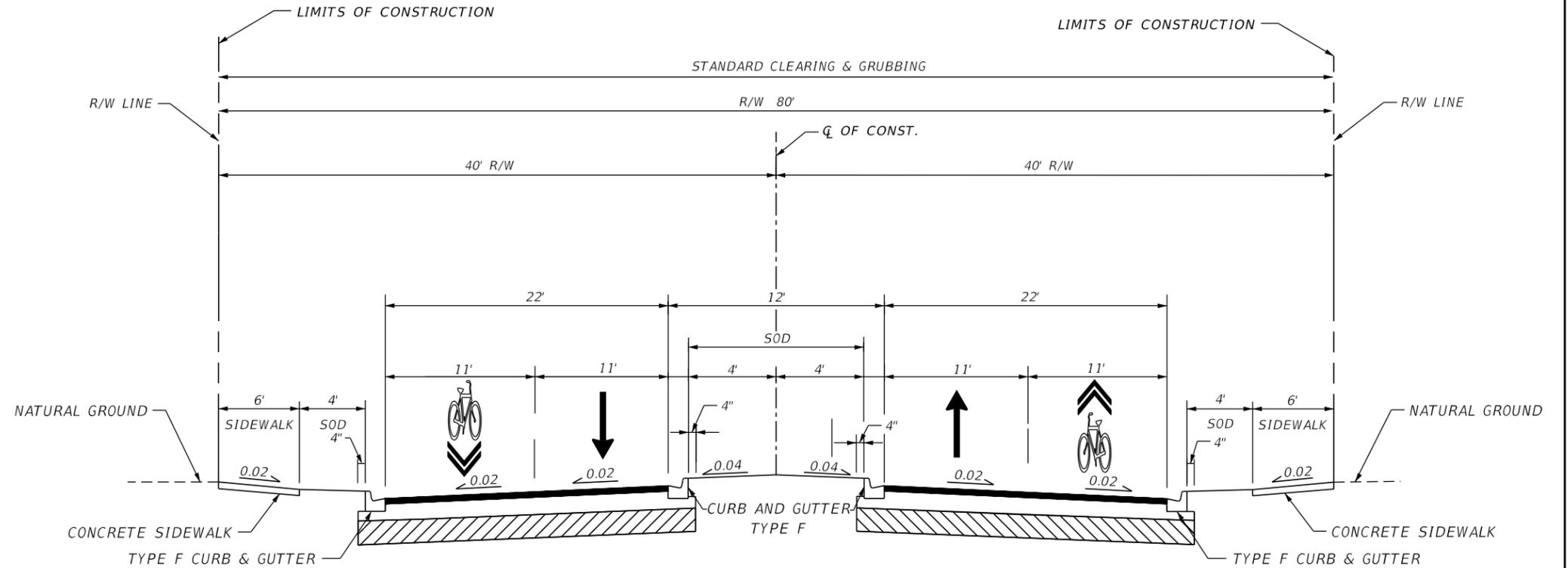
CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- () RESURFACING (LA FACILITIES)
- () RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:

BICYCLE FACILITY DESIGN VARIATION

TYPICAL SECTION No. 4



PROP. TYPICAL SECTION NO. 4
 SR 922 / KANE CONCOURSE EAST OF ICWW
 ROAD RECONSTRUCTION
 STA. 141+41.25 TO STA. 145+56.01

TRAFFIC DATA

CURRENT YEAR = 2023 AADT = 22000
 ESTIMATED OPENING YEAR = 2030 AADT = 26900
 ESTIMATED DESIGN YEAR = 2050 AADT = 31900
 K = 9.0% D = 56.5% T = 2.6 % (24 HOUR)
 DESIGN HOUR T = 8.0%
 TARGET SPEED = 30 MPH
 DESIGN SPEED = 30 MPH
 POSTED SPEED = 30 MPH

NOT TO SCALE

FINANCIAL PROJECT ID	SHEET NO.
452428-1-21-01	5