
ORIGINATION FORM

Proposed Revisions to a Standard Plans Index
(Please provide all information — Incomplete forms will be returned)

Contact Information:

Date: June 15, 2021

Originator: Joshua Turley

Phone: (850) 414-4475

Email: joshua.turley@dot.state.fl.us

Standard Plans:

Index Number: 700-091

Sheet Number (s): 1 of 3

Index Title: Catwalk Details

Summary of the changes:

Sheet 1: Updated General Note 6 with more specific language to include Hot Dip Galvanized safety gate and to Install per manufacturers instructions.

Commentary / Background:

Other Affected Offices / Documents: (Provide name of person contacted)

Yes	No	
☐	☒	Other Standard Plans –
☐	☒	FDOT Design Manual –
☐	☒	Basis of Estimates Manual –
☐	☒	Standard Specifications –
☐	☒	Approved Product List –
☐	☒	Construction –
☐	☒	Maintenance –

Origination Package Includes:

(Email or hand deliver package to Rick Jenkins)

Yes	N/A	
☒	☐	Redline Mark-ups
☐	☐	Proposed Standard Plan Instruction (SPI)
☐	☐	Revised SPI
☐	☐	Other Support Documents

Implementation:

☐	Design Bulletin (Interim)
☐	DCE Memo
☒	Program Mgmt. Bulletin
☒	FY-Standard Plans (Next Release)

Contact the Roadway Design Office for assistance in completing this form

Email to: Rick Jenkins rick.jenkins@dot.state.fl.us and Darren Martin darren.martin@dot.state.fl.us

GENERAL NOTES:

- 1. Work this Index with Specification 700.
- 2. Shop Drawings are required:
 - A. Provide length as shown in the Plans
 - B. Design in accordance with AISC, AASHTO, and OSHA requirements
 - B. Do not start fabrication until the shop drawings are approved
- 3. Catwalk hangers must be positioned to avoid conflicts with the sign structure truss and gusset plates. Place walkway close to the sign with a maximum open distance from walkway grate to DMS sign of 1/2".
- 4. Maximum spacing of Catwalk hanger supports is 5'-0". Cantilever ends of grating is 8".
- 5. Galvanized steel catwalk grating meeting the requirements of Specification 504-2.3. Must Support a 90 psf load and have a 3 1/2" minimum toe kick. Attach grating in accordance with the manufacturer's instructions using stainless steel or galvanized fasteners.
- 6. Supply and install an OSHA 1910 compliant, self closing, ~~corrosion resistant safety gate.~~
- 7. Chain link fabric options (2" mesh with knuckled selvage top and bottom for all options):
 - A. AASHTO M181 Type I - Zinc Coated Steel, No. 9 gage (coated wire diameter), coated at the rate of 1.8 oz./ft². (M181 Class D 2.0 oz./ft². modified to 1.8 oz./ft².).
 - B. AASHTO M181 Type II -Aluminum Coated Steel, No. 9 gage (coated wire diameter), coated at the rate of 0.40 oz./ft².
- 8. Install 2" NPS (Sch. 40) guiderail and posts: ASTM A53 Grade B for standard weight pipe.
- 9. Welding:

E70XX
- 10. Materials:
 - A. Steel Plates ASTM A 36 or A709 Grade 36.
 - B. W- Sections: ASTM A572 Grade 36 or 50.
 - C. Steel Pipe Railings or Structural Tubing: Specification 962
 - D. High Strength Bolts, Nuts and Washers: Specification 962
 - E. U-Bolts, nuts and washers: Specification 962
- 11. Coatings/Galvanizing:

Hot dip galvanize support frame after fabrication and galvanize non-stainless steel fasteners in accordance with Specification 962.

UPDATE TO:
hot dip galvanized safety gate. Install
per manufacturers instructions.

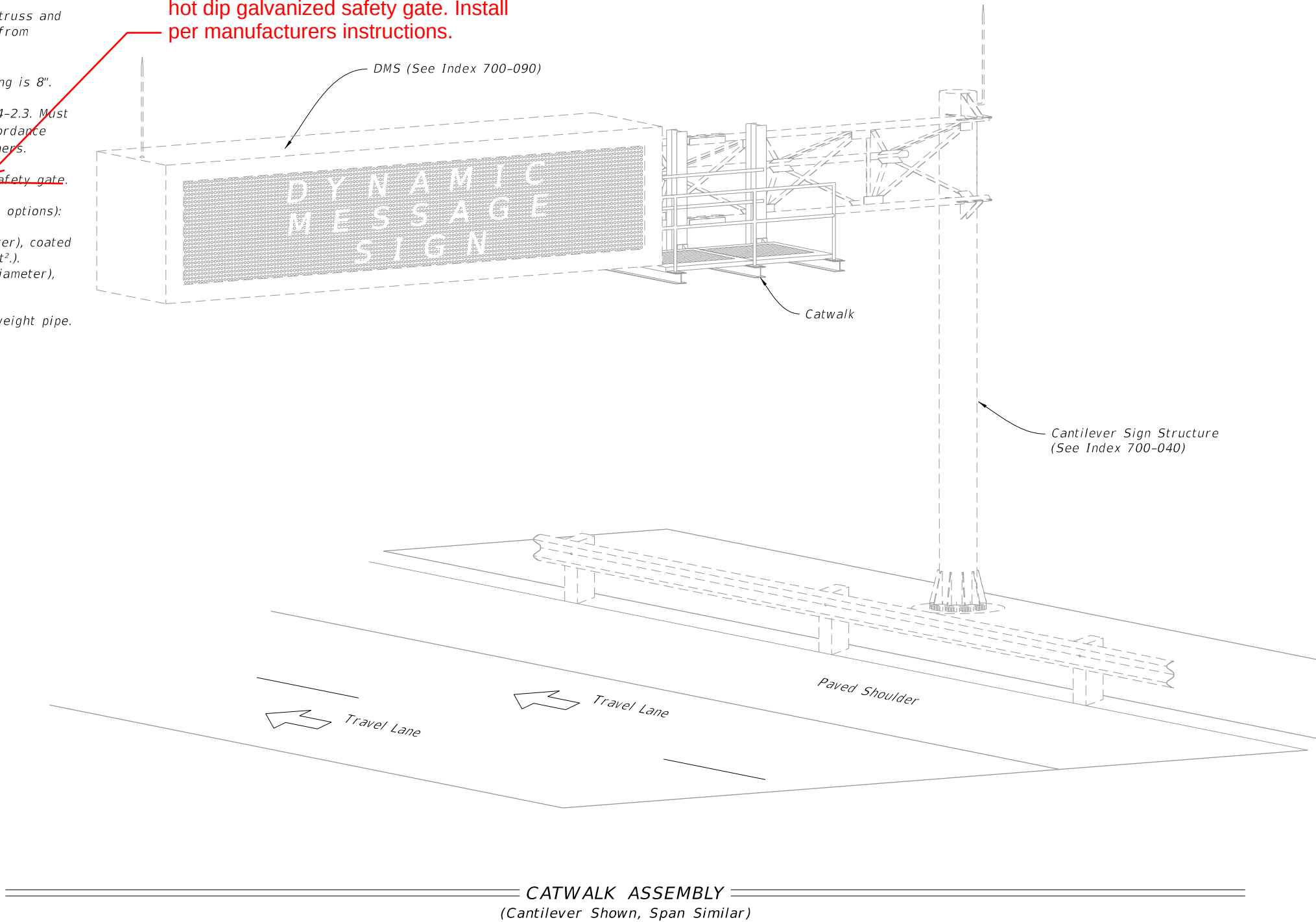


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1	General Notes and Content
2	General Assembly and Fixed Base Details
3	Walkway Support Details

11/01/21



FY 2021-22
STANDARD PLANS

CATWALK DETAILS

INDEX
700-091

SHEET
1 of 3

LAST REVISION	DESCRIPTION:
11/01/19	
11/01/21	

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6. Supply and install an OSHA 1910 compliant, self closing, hot dip galvanized safety gate. Install per manufactures instructions.
7. Chain link fabric options (2" mesh with knuckled selvage top and bottom for all options):

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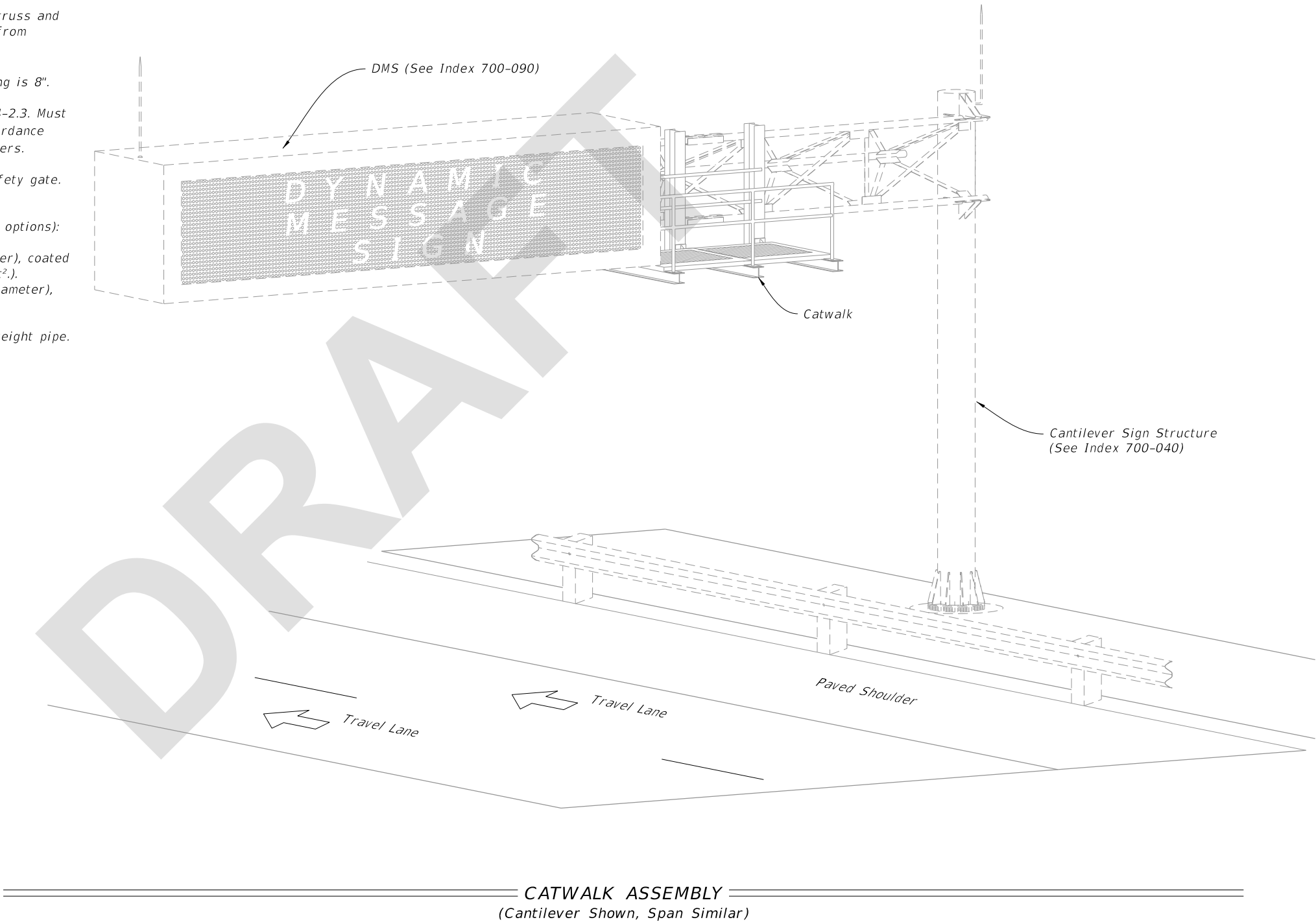


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