

DESIGN STANDARDS MODIFICATIONS

(2006 Booklet)
(English Units)

Effective Date: July 1, 2007

NOTE: Interim Indexes listed in these Modifications may be viewed by going to www.dot.state.fl.us/rddesign/DesignStandards/Standards.htm.

On the “INDEX NUMBER CHANGE REFERENCES AND QPL INFO” sheet, the table is revised to indicate that 2006 Design Standards Index 414 replaces Structures Standard 715.

Index No. 001 (Sheets 1 and 2 of 2), Add the following standard abbreviations:

ACI	American Concrete Institute
CCTV	Closed Circuit Television
EIA	Electronic Industries Alliance
EPDM	Ethylene Propylene Diene Monomer
ETP	Electrolytic Tough Pitch
FTP	Florida Traffic Plans
GFI	Ground Fault Interrupter
ITS	Intelligent Transportation Systems
NPT	National Pipe Thread
RGS	Rigid Galvanized Steel
RU	Rack Unit
RX	Receive
SP	Superpave
TVSS	Transient Voltage Surge Suppression
TX	Transmit
UPS	Uninterruptible Power Supply
WB62	Interstate Semi Trailer
WB67D	Tandem Semi Trailer
WWR	Welded Wire Reinforcing

Index No. 102 (Sheet 1 of 3), “CHART I”, delete the title and substitute “RECOMMENDED SPACING FOR SYNTHETIC BALES AND BALE TYPE BARRIERS AND TYPE III SILT FENCE”

Index No. 102 (Sheet 2 of 3), “BARRIER FOR PAVED DITCH” is deleted and “SYNTHETIC BALE AND BALE TYPE BARRIER FOR PAVED DITCH” substituted.

“BARRIERS FOR UNPAVED DITCHES” is deleted and “SYNTHETIC BALES OR BALE TYPE BARRIERS FOR UNPAVED DITCHES” is substituted.

“NOTES FOR BALED HAY OR STRAW BARRIERS” is deleted and “NOTES FOR SYNTHETIC BALES AND BALE TYPE BARRIERS” is substituted.

Note 1 is deleted and the following substituted: “1. Type I synthetic barrier should be spaced in accordance with Chart I on Sheet 1.”

Note 2, delete the word “Hay”.

Note 4, delete the second sentence.

Note 5 is deleted and the following substituted: “5. Where used in conjunction with silt fence, bales shall be placed on the upstream side of the fence.”

Note 6 is deleted and the following substituted: “6. Bales to be paid for under the contract unit price for Synthetic Bales, LF. The unit price shall include the cost of filter fabric for Type I Barrier. Sand bags shall be paid for under the contract unit price for Sandbagging, CY. Rock bags to be paid for under the contract unit price for Rock Bags, EA.

Index No. 104 (Sheet 1 of 2), under the “WILDFLOWER SEEDING RATES” chart add the following footnote: “Wildflower seeding rates are for restoring impacted wildflower areas.”

Index No. 104 (Sheet 1 of 2), under the “LEGEND”, by symbol “G”, delete “Grass Seed / Seed & Mulch” and insert “Turf”.

By symbol “S”, delete “Seed, Seed and Mulch, Sod or Seed, Sod” and insert “Turf”.

Delete the “GRASS SEEDING RATES” table.

Above the “GENERAL NOTE” insert the following: “NOTE: All turf establishment shall be performed meeting the requirements of Section 570 of the Standard Specifications”.

Index No. 104 (Sheet 2 of 2), on the left side of “SECTION BB” delete the notation “Conventional Grassing” and insert “Turf”.

Index No. 105 (Sheet 1 of 1), “TREATMENT I”, add width dimension of the sod strip as “2’-8”” and the note “See Pattern Detail”.

Index No. 105 (Sheet 1 of 1), “TREATMENT II”, “SHOULDER OPTION I” and “SHOULDER OPTION II”, delete notations “Seed And Mulch” and insert “Turf”.

“GENERAL NOTES”, note “1 B”, delete the text of the note and substitute the following: “Payment for the sod, excavation of turf and topsoil and for back fill of this material under Treatment I is to be included in the contract unit price for Performance Turf, SY.”

Note “2 D”, delete the second sentence and insert the following: “Sod and other materials for turf establishment shall be paid for as Performance Turf, SY”.

Note “5”, delete “Seeding” and insert “Turf Establishment”

Note “5 B”, delete the note.

Note “5 C”, renumber as “5 B”. Also delete “seeding” and insert “turf establishment”.

Index No. 106 (Sheet 1 of 1), “GENERAL NOTES”, in Note 9, the sentence “Hay bales shall be paid for under the contract unit price for Hay or Straw, Baled, EA.” is deleted and “Synthetic Bale or Bale Type Barrier shall be paid for under the contract price for Synthetic Bales, LF.” is substituted.

Index No. 199 (Sheet 1 of 1), “STANDARD CRITERIA”, under “APPLICATION DESCRIPTION”, Type D-2, add 4 asterisks (“****”) after “Articulating Block”.

Under “COMMENTS”, Type D-1, delete the text “Provide 6” thick aggregate bedding layer” and substitute “Provide 12” thick bedding stone layer”.

Under “COMMENTS”, Type D-2, delete the text “Provide 150mm thick aggregate bedding layer for revetment (standard)” and substitute “Provide 12” bedding stone layer for revetment (standard)”. Also add the following note in this block “**** Bedding stone not required for Articulating Block”.

Index No. 200 (Sheet 1 of 3), “GENERAL NOTES”, Note 4 text “for structures located in extremely aggressive environments” is deleted and “for special applications of structures located in extremely aggressive environments” is substituted.

Note 11 is deleted and the following substituted: “11. Inlet walls, throats, risers and manhole tops shall be secured to structures as shown on Index No. 201 (Sheet 3 of 4) “OPTIONAL CONSTRUCTION JOINTS””.

Index No. 200 (Sheet 3 of 3), “STRUCTURE BOTTOMS TYPE J AND P”, is deleted and Interim Index No. 200 (Sheet 3 of 3), Dated 01-01-06 is substituted.

Interim Index 200 (Sheet 3 of 3), “GENERAL NOTES”, add the following note “10. Reinforcing schedules with larger areas of steel may be substituted for schedules with smaller bar or wire spacing, except that Schedule B10 may not be substituted for Schedule A6”.

Index No. 201 (Sheet 3 of 4), Beneath “RECTANGULAR SEGMENT WITH PIPE OPENING AT CORNER”, add the following note: “3. Rectangular structures with corner openings must be approved by the Engineer”.

Index No. 201 (Sheet 4 of 4), “SUPPLEMENTARY DETAILS FOR MANHOLES AND INLETS”, is deleted and Interim Index No. 201 (Sheets 4 of 4), Dated 01-01-06 is substituted.

Index No. 205 (Sheet 1 of 5), In each of the three tables, under the pipe type “CORRUGATED POLYETHYLENE”, delete “15”-48” Round” and insert “15”-60” Round”.

Index No. 205 (Sheet 2 of 5), “COVER HEIGHT”, is deleted and Interim Index No. 205 (Sheet 2 of 5), Dated 01-01-07 is substituted.

Index No. 205 (Sheet 4 of 5), Notes at bottom of page, line “NS – Not Suitable”, delete the second “H-20” and substitute “HS-20”.

Index No. 205 (Sheet 5 of 5), Table in upper left corner, Line 15-6, 16-0, Right hand column, delete “3.8/II/1350” and substitute “.150-II-54”.

Index No. 206 (Sheet 1 of 2), “TYPE II”, “DESIGN NOTES”, note 2 (d), add the following at the end of the sentence, “must be shown on the plans.” Also add the following note, “5. Type II preformed channel system with integral anchoring lugs are applicable.”

Index No. 230 (Sheet 1 of 2), “GENERAL NOTES”, Note 5: delete second sentence and substitute “Sodding to be paid for under contract unit price for Performance Turf, SY.”

Index No. 231 (Sheet 2 of 3), “GENERAL NOTES”, Note 4: delete “seeding and mulching disturbed grasses” and substitute “restoration of disturbed turf.”

Note 6: delete “Sodding” and substitute “Performance Turf”.

Index No. 232 (Sheet 2 of 6), “GENERAL NOTES”, delete text of Note 8 and substitute “Sodding to be used around all inlets not located in paved areas and paid for under contract unit price for Performance Turf, SY”.

Index No. 232 (Sheet 5 of 6), “METHOD OF PAYMENT - - -“, Note 2: delete “seeding and mulching” and substitute “restoration of disturbed turf”.

Note 4: delete second occurrence of “Sodding” and substitute “Performance Turf”.

Index No 234 (Sheet 1 of 1), “GENERAL NOTES”, Note 6, second sentence: delete second occurrence of “Sodding” and substitute “Performance Turf”.

Index No. 251 (Sheet 1 of 2), “GENERAL NOTES”, Note 7: delete second occurrence of “Sodding” and substitute “Performance Turf”.

Index No 252 (Sheet 1 of 2), “GENERAL NOTES”, Note 7: delete second occurrence of “Sodding” and substitute “Performance Turf”.

Index No. 253 (Sheet 1 of 2), “GENERAL NOTES”, Note 7: delete second occurrence of “Sodding” and substitute “Performance Turf”.

Index No. 255 (Sheet 1 of 2), “GENERAL NOTES”, Note 7: delete second occurrence of “Sodding” and substitute “Performance Turf”.

Index No. 260 (Sheet 1 of 1), “GENERAL NOTES”, Note 5, second sentence: delete second occurrence of “Sodding” and substitute “Performance Turf, SY”.

Index No. 261 (Sheet 1 of 3), “GENERAL NOTES”, Note 8: delete second occurrence of “Sodding” and substitute “Performance Turf”.

Index No. 264 (Sheet 1 of 1), “GENERAL NOTES”, in Note 6, delete the second sentence.

Index No. 266 (Sheet 1 of 1), “GENERAL NOTES”, Note 5: delete second occurrence of “Sodding” and substitute “Performance Turf”.

Index No. 270 (Sheet 1 of 1), “GENERAL NOTES”, Note 5, second sentence: delete second occurrence of “Sodding” and substitute “Performance Turf”.

Index No 272 (Sheet 6 of 6), “GENERAL NOTES”, Note 10, second sentence: delete second occurrence of “Sodding” and substitute “Performance Turf”.

Index No. 273 (Sheet 6 of 6), “GENERAL NOTES”, Note 13, second sentence: delete second occurrence of “Sodding” and substitute “Performance Turf”.

Index No 283 (Sheet 1 of 1), “GENERAL NOTES”, Note 1, last sentence: delete “Sodding” and substitute “Performance Turf”.

Interim Index No. 289 (Sheets 1-7 of 7), “CONCRETE BOX CULVERT DETAILS (LRFD)”, Dated 01-01-07 is added.

Interim Index No. 291 (Sheets 1-5 of 5), “SUPPLEMENTAL DETAILS FOR PRECAST CONCRETE BOX CULVERTS”, Dated 07-01-06 is added.

Interim Index No. 292 (Sheets 1-14 of 14), “STANDARD PRECAST CONCRETE BOX CULVERTS”, Dated 01-01-07 is added.

Index No. 295 (Sheet 1 of 1), “GENERAL NOTES”, Note 7, second sentence: delete second occurrence of “Sodding” and substitute “Performance Turf”.

Index No. 301 (Sheet 1 of 1), in the table “TURN LANES – CURBED AND UNCURBED MEDIANS” correct the spelling of “CONDITIONS”.

Index No 302 (Sheets 2 and 3 of 3), “TRAFFIC SEPARATORS”, are deleted and Interim Index No. 302 (Sheets 2 and 3 of 3), Dated 01-01-06 is substituted.

Index No. 304 (Sheets 1-6 of 6), The following note is applicable to all landings at the bottom of curb ramps, “Lower landing not required at driveways, parking lots, or other areas with pavement cross-slopes less than 2% (0.02).”

Index No. 304 (Sheet 1 of 6), Detail in lower left corner, the note “When crosswalk markings - -” is deleted and the following note substituted: “When crosswalk markings are required, ramp runs must fall within crosswalk limits and where practical, be parallel with the projected crosswalk alignment. The bottom of the ramp beyond the curb line shall have a clear space 48” minimum within the markings of a marked crosswalk. If no crosswalk markings are present, the bottom of the ramp beyond the curb ramp shall have a clear space 48” minimum outside active traffic lanes.”

Index No. 304 (Sheet 5 of 6), “MEDIAN CROSSWALKS”, “PLAN”, As an alternative to the curb transitions shown, the designer may detail the curb to extend along the crosswalk in similar manner to a CR 6 Curb Ramp.

Index No. 307 (Sheet 2 of 3), “NOTES FOR UTILITY CONFLICT PIPE”, Note 5, delete the last sentence.

Index No. 310 (Sheet 1 - 2 of 2), “CONCRETE SIDEWALK”, is deleted and Interim Index No. 310 (Sheet 1 - 2 of 2), Dated 01-01-07 is substituted.

Index No. 400 (Sheet 1 of 23), “GENERAL NOTES”, Note 6, add the following text as paragraph 5: “When an end treatment is attached to guardrail with Pedestrian Safety Treatment, only end treatment systems with timber posts are to be used.”

Note 8, delete the first sentence and substitute the following: “In addition to use at roadside hazards or other areas where the Engineer has deemed guardrail necessary, guardrail should be considered on flush shoulder sections where fill slopes are steeper than 1:3 within the clear zone and fill heights are 6’ or greater.”

Index No. 400 (Sheet 2 of 23), Beneath the paragraph that begins “d = Distance - -”, add the following paragraphs:

“For flared and parallel end anchorage assemblies the beginning length of need is to be set at the center of post #3. That is, the departure line must intersect the face of the rail at post #3.”

“For flared end anchorage assemblies the offset distance “d” will equal the normal guardrail offset measured from the face of the guardrail to the edge of the near approach travel lane plus 1’-2” for 45 mph or less and 1’-9 ¼” for greater than 45 mph.”

Index No. 400 (Sheet 6 of 23), “Notes For Details H & I:” and “Notes For Details S & T:”; In the second sentence of each note, delete the text, “Detail N and”.

Index No. 400 (Sheet 8 of 23), “MEDIANS WITH 10’ BRIDGE SHOULDERS” and “MEDIANS WITH 6’ BRIDGE SHOULDERS” details. On each detail delete the note: “End anchorage Type II with buffer end section when located outside of approaching roadway clear zone; crash cushion when located inside of approaching roadway clear zone. Crash cushion shown. See General Note 14.” Also delete “(Where Reqd.)” along the dimension line under “Crash Cushion”.

Index No. 400 (Sheet 10 of 23), “MEDIANS WITH 10’ BRIDGE SHOULDERS” and “MEDIANS WITH 6’ BRIDGE SHOULDERS” details. On each detail delete the note: “End anchorage Type II with buffer end section when located outside of approaching roadway clear zone; crash cushion when located inside of approaching roadway clear zone. Crash cushion shown. See General Note 14.” Also delete “(Where Reqd.)” along the dimension line under “Crash Cushion”.

Index No. 400 (Sheet 14 of 23), “GUARDRAIL LOCATION – DETAIL K”, “LOCATION ON FRONT SLOPES”, delete the note “Connect Beginning Of Rubrail To Back Side Of No. 3 Post With Post Bolt” and the reference arrow and add the following note: “Connect the beginning of rubrail to the backside of the last post of the end anchorage (first post of normal guardrail)”.

Index No. 400 (Sheet 15 of 23), “PEDESTRIAN SAFETY TREATMENTS”, under Note 1 add the following: “Refer to Sheet 1, Note 6 for end treatment requirements.”

“LOCATIONS AT CURB & GUTTER SECTIONS – DETAIL L”, delete text “(Maximum Speed 50 mph)” and “6’ or Greater Desirable” and add the following below the subtitle: “NOTE: For location of guardrail with offset behind curb and gutter refer to the January 2006 Plans Preparation Manual, Volume I, Section 4.3.5”

“MOUNTING HEIGHTS ON SHOULDERS AND IN MEDIANS”, “MODIFIED THRIE-BEAM”, delete “4” and insert “3’-11””.

Under “DOUBLE FACED GUARDRAIL” “W-BEAM” add the note: “For narrow medians with no median swale”.

Index No. 400 (Sheet 17 of 23), “5/8” STEEL WASHER”, at the end of the second sentence of the note add: “and under hex nut for connecting rubrail to wood and steel posts.”

Index No. 400 (Sheet 19 of 23), “SPECIAL STEEL GUARDRAIL POSTS”, “NOTES: (SPECIAL STEEL POST)”, add the following note: “7. Special steel posts are not to be substituted for any post in a guardrail approach end treatment system.”

Index No. 400 (Sheet 21 of 23), “TYPE II NOTES”, insert the following as a second paragraph under Note 2: “End anchorage for thrie beam guardrail shall be constructed the same as

detailed for W-beam, except use thrie beam rail and end section; and the Anchor Plate is to be attached to the bottom corrugation of the thrie beam.”

Interim Index No. 400 (Sheet 24 of 24), “GUARDRAIL”, Dated 07-01-06 is added to the Index.

Index No. 402 (Sheet 25 of 26), Details are revised to show the “Traffic Railing Barrier (Thrie-Beam Retrofit)” to be installed on the outside of the “Trailing End Guardrail” to provide the proper overlap.”

Interim Index No. 403 (Sheets 1 – 2 of 2), Dated 07-01-05, “GUARDRAIL TRANSITIONS FOR EXISTING BRIDGE TRAFFIC RAILING RETROFITS” is added.

Index No. 410 (Sheet 1 of 22), “GENERAL NOTES”, Add note 10 as follows: “10. Concrete barrier wall with New Jersey Safety Shape may not be substituted for the Standard F Shape Barrier”.

“MEDIAN BARRIER WALL FOR SUPERELEVATED SECTIONS OR FOR VARIABLE ROADWAY PROFILE GRADE”, change the note just above the table to read, “Cost of the steel and concrete footing to be included in the contract unit price for Median Concrete Barrier Wall, LF.”

“STANDARD BARRIER WALL SECTIONS”, change the pay item note to read, “Standard barrier to be paid for under the contract unit price for Median Concrete Barrier Wall, LF.”

Index No. 410 (Sheet 3 of 22), across the top of the sheet, change all three payment notes to read, “To be paid for as Median Concrete Barrier Wall, LF.”

Index No. 410 (Sheet 5 of 22), “REINFORCED CONCRETE BARRIER WALL (SHOULDER)”, change the payment note to read, “Wall to be paid for under the contract unit price for Shoulder Concrete Barrier Wall (Rigid – Shoulder), LF.”

“PLAIN CONCRETE BARRIER WALL (SHOULDER)”, change the payment note to read, “Wall to be paid for under the contract unit price for Shoulder Concrete Barrier Wall (Plain – Shoulder), LF.”

Index No. 410 (Sheet 6 of 22), “REINFORCED CONCRETE BARRIER WALL (RETAINING)”, change the payment note to read, “Wall to be paid for at the contract unit price for Shoulder Concrete Barrier Wall (Rigid – Retaining), LF.”

Index No. 410 (Sheet 12 of 22), “SECTION TT”, change the payment note to read, “Wall to be paid for under the contract unit price for Shoulder Concrete Barrier Wall (Rigid – Curb & Gutter), LF.”

Index No. 410 (Sheet 17 of 22), “SECTION QQ”, change the payment note to read, “Wall to be paid for under the contract unit price for Shoulder Concrete Barrier Wall (Rigid – Curb & Gutter), LF.”

Index No. 410 (Sheet 18 of 22), “NOTES”, change note 5 to read, “Wall to be paid for under the contract unit price for Shoulder Concrete Barrier Wall (Rigid – Shoulder), LF.”

Index No. 410 (Sheet 21 of 22), “GENERAL NOTES FOR TRAPEZOIDAL BARRIER WALL”, correct the first sentence of note 8 to read, “The concrete trapezoidal barrier wall is to be paid for under the contract unit price for Median Concrete Barrier Wall (Trapezoidal), LF.”

Interim Index No. 411 (Sheets 1-10 of 10), “PIER PROTECTION BARRIER”, Dated 07-01-06 is added.

Index No 414 (Sheets 1 – 7 of 7) “TYPE K TEMPORARY CONCRETE BARRIER” are deleted and Interim Index No. 414 (Sheets 1 – 7 of 12) Dated 01-01-06 are substituted and new sheets 8 – 12 of 12 are added.

Interim Index No. 414 (Sheet 1 of 12), “TYPE K TEMPORARY CONCRETE BARRIER”, Dated 01-01-06, delete the note “This temporary concrete barrier system - -”, and insert the following two notes, “The Type K Temporary Concrete Barrier System has been crash tested to NCHRP Report 350 TL-3 criteria or structurally evaluated to meet the requirements of NCHRP Report 350 TL-3 criteria for the installation configurations as shown utilizing the types, sizes, lengths, shapes, strengths and grades of the fabrication and installation materials as shown.

In order to maintain crashworthiness of the system, do not substitute different grades, sizes, shapes or types of reinforcing steel for those shown for constructing Type K Barrier Units. Also, do not substitute different type, size, length or material grade anchor bolts, nuts, washers, adhesives, connector pins, stakes, keeper pins, or guardrail components for installing Type K Barrier Units.”

Interim Index No. 414 (Sheets 13-14 of 14), “TYPE K TEMPORARY CONCRETE BARRIER”, Dated 01-01-07, are added.

Index No. 415 (Sheet 1 of 10), “TEMPORARY CONCRETE BARRIER”, “DEFLECTION SPACE REQUIREMENTS” are added as follows:

When Shielding Above Ground Hazards:

Design Speed	Deflection Space
45 mph or Less	2’
50 mph and Greater	4’

When Shielding Dropoffs:

Design Speed	Deflection Space
45 mph or Less	2'
50 mph and Greater	
a. Dropoffs 4' or Less and No Traffic Below	2'
b. All dropoff conditions other than 'a'.	4'

When used as a Temporary Median Barrier separating opposing traffic lanes:

Design Speed	Offset to Travelway
45 mph or Less	0' minimum, 2' preferred
50 mph and Greater	2'

These deflection space requirements also apply to approved options to the 415 barrier identified in General Note 1 of Index 415.

Index No. 415 (Sheet 2 of 10), Add the following text to this sheet: "The surface cross slope approaching the barrier wall and continuing across the required deflection space shall not exceed a rate of 1 vertical : 10 horizontal."

Index No. 415 (Sheets 9 and 10 of 10), "NOTES", delete Note 3 and substitute the following, "3. For crash cushion details see drawings posted on the Qualified Products List at "544 Vehicle Impact Attenuators"".

Interim Index No. 430 (Sheets 1 – 2 of 2), "OPTIONAL CRASH CUSHION DETAILS", Dated 01-01-06 is added.

Interim Index No. 430 (Sheet 1 of 2), Under the "CONCRETE BARRIER WALL APPLICATION" chart add the following: "NOTE: Total length of Crash Cushion for the TAU II units is based on use of the Compact Backstop. When the PCB Backstop is used, these lengths are reduced by 1.67 ft."

Index No. 461 (sheet 1 of 1), "END VIEW" drawing, delete the dimensions "2" Clear" and substitute "1 ½" Clear Min." "GENERAL NOTES", Note 2, Add the following paragraph as paragraph 3: "When longitudinal reinforcing bars are encountered in the stem of existing barrier, shift the dowels to clear, maintaining the 1 ½" Clear Minimum to the face of the Opaque Visual Barrier".

Index No. 515 (Sheet 1 of 6), "GENERAL NOTES", Note 7, delete the first sentence.

Interim Index No. 518 (Sheet 3 of 3), "RUMBLE STRIPS", Dated 07-01-06 is added to the Index.

Interim Index No. 520 (Sheet 1 of 1), "GRAVITY WALL", Dated 01-01-06 is deleted and Interim Index No 520 (Sheet 1 of 1), Dated 01-01-07 is substituted.

Interim Index No. 521 (Sheet 1 of 1), "CONCRETE STEPS", Dated 01-01-07 is added.

Index No. 528 (Sheet 1 of 1), "MEDIAN BARRIER OPENING FOR EMERGENCY ACCESS", is deleted. (See January 2007 Plans Preparation Manual updates for more information.)

Index No. 532 (Sheet 1 of 3), "GENERAL NOTES", Note 4, the first paragraph is deleted and the following substituted: "Mailboxes shall be light sheet metal or plastic construction, in traditional style only, and only in Size 1 as prescribed by the Domestic Mail Manual of the U. S. Postal Service (DMM)."

INDEX 600 SERIES – NOTE: This correction applies to multiple Indexes as listed below. Under "GENERAL NOTES", delete the note, "All vehicles, equipment, workers (except flaggers) and their activities are restricted to one side of the roadway" (or similar wording). This note appears as Note 1 on Indexes 602, 604, 612, 614, 615, 616, 617, 618, 620, 621, 622 and 651. It appears as Note 2 on Indexes 603, 605, 606, 613 and 635, and as Note 4 on Index 670.

Index No. 600 (Sheet 2 of 10), "OVERHEAD WORK", add the following between "OPTION 2" and "OPTION 3", "OPTION 2a (OVERHEAD WORK ADJACENT TO AN OPEN TRAFFIC LANE)

Overhead work adjacent to an open traffic lane is allowed if all of the following conditions are met:

- a. Work operation is located on a utility pole, light pole, signal pole, or their appurtenances.
- b. Work operations are 1 day or less.
- c. Speed limit is 45 mph or less.
- d. No encroachment by any part of the work activities and equipment within 2 foot from the edge of travelway up to 18' height. Above 18' in height, no encroachment by any part of the work activities and equipment over the open traffic lane (except as allowed in Option 2 for work operations of 60 minutes or less).
- e. Aerial lift equipment in the work area has high-intensity, rotating, flashing, oscillating, or strobe lights operating.
- f. Volume or complexity of the roadway may dictate additional devices, signs, flagmen and/or a traffic control officer.
- g. Adequate precautions are taken to prevent parts, tools, equipment and other objects from falling into open lanes of traffic.
- h. Other Governmental Agencies, Rail facilities, or Codes may require a greater clearance. The greater clearance required prevails as the rule.

Index No. 600 (Sheet 3 of 10), "HIGH-VISIBILITY SAFETY APPAREL", "WORKERS", add the following text to the end of the paragraph: "Workers inside the bucket of a bucket truck are not required to wear high-visibility safety apparel".

Index No. 600 (Sheet 4 of 10), “WORK ZONE SIGN SUPPORTS”, delete the text and the chart (see Interim Index No. 600, sheet 12 of 12)

Index No. 600 (Sheet 5 of 10), “MANHOLES/CROSSWALKS/JOINTS”, the second paragraph is deleted and the following substituted: “All transverse joints that have a difference in elevation of 1” or more shall have a temporary asphalt apron constructed as shown in the diagram below.”

Index No. 600 (Sheet 6 of 10), “DROPOFF NOTES”, Note 3, delete the line “416 Temporary water filled barriers” and substitute: “For temporary water filled barriers see the QPL”

Index No. 600 (Sheet 6 of 10), Delete the “DROPOFF PROTECTION REQUIREMENTS” table and insert the following:

DROPOFF PROTECTION REQUIREMENTS ALL SPEEDS NO CURB AND GUTTER		
X (ft)	D (in)	Device Required
0 -12	> 3	Barrier
12 – CZ	>3 to ≤ 5	Warning Device
0 – CZ	> 5	Barrier

For Clear Zone widths, see Index No. 600 sheet 2.

Index No. 600 (Sheet 8 of 10), “CHANNELIZING AND LIGHTING DEVICE NOTES”, note 10, delete note “c”.

Interim Index No. 600 (Sheet 11 of 11), “GENERAL INFORMATION FOR TRAFFIC CONTROL THROUGH WORK ZONES”, Dated 07-01-06, is added to the Index.

Interim Index No. 600 (Sheet 12 of 12), “GENERAL INFORMATION FOR TRAFFIC CONTROL THROUGH WORK ZONES”, Dated 01-01-07 is added.

Index No. 602 (Sheet 1 of 1), "DURATION NOTES", add following note: "2. Signs, except for the ROAD WORK AHEAD sign, on opposite side of the shoulder work may be omitted if all the following conditions are met:

- a) Work operations are less than a day.”
- b) Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

Index 603 (Sheet 1 of 1), “TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY” is deleted and Interim Index No. 603 (Sheet 1 of 2), Dated 07-01-06, is substituted and (Sheet 2 of 2) is added.

Index No. 613 (Sheet 1 of 2), Add the following note under the drawing, “For device spacing see Table I on Index No. 612.”

Index No. 631 (Sheet 1 of 2), “GENERAL NOTES”, add note 8 as follows: “8. Temporary crossovers on limited access right of way and use of this Index are prohibited unless specifically permitted in the Contract Plans or Special Provisions. When permitted in the Contract Plans or Special Provisions and prior to construction of any temporary crossover, the Contractor must submit, in writing, a request identifying specific locations for approval by the Engineer.”

Index No. 670 (Sheet 1 of 1), Delete from the drawing the box labeled “SLEO” and related text “Speed and Law Enforcement Officer (Patrolling The Active Work Area)”. Also delete the symbol and text for SLEO under the heading “SYMBOLS”.

Index No. 670 (Sheet 1 of 1), “CONDITIONS”, delete existing note and substitute the following: “The MAS shall be used if all the following conditions exist:

- Multilane facility
- Posted speed limit is 55 MPH or greater
- Work activity requires a lane closure for more than 5 days (consecutive or not)
- Workers are present”

Index No. 802 (Sheet 1 of 2), “GENERAL NOTES”- Note 7(b) is deleted and the following note substituted: “(b) In accordance with ASTM F567 Subsections 5.4 through 5.10 as approved by the engineer.”

Index No. 810 (Sheet 1 of 4), “FENCING NOTES”, Payment note, delete “(Pedestrian Overpass)” in the first sentence.

Index No. 811 (Sheet 1 of 3), “FENCING NOTES”, Payment note, delete “(Pedestrian Overpass)” in the first sentence.

Index No. 812 (Sheets 1 and 4 of 4), “BRIDGE FENCING (ENCLOSED)” are deleted and Interim Index No. 812 (Sheets 1 and 4 of 4) Dated 01-01-06 is substituted.

Index No. 850 (Sheet 1-2 of 2), "STEEL PEDESTRIAN/BICYCLE PICKET RAILING" is deleted and Interim Index No. 850 (Sheets 1-5 of 5), Dated 01-01-07 is substituted.

Interim Index No. 851 (Sheets 1-2 of 2), "BRIDGE PEDESTRIAN/BICYCLE PICKET RAILING (STEEL)", Dated 01-01-07 is added.

Index No. 860 (Sheets 1-2 of 2), "ALUMINUM PEDESTRIAN/BICYCLE PICKET RAILING" is deleted and Interim Index No. 860 (Sheets 1-5 of 5), Dated 01-01-07 is substituted.

Interim Index No. 861 (Sheets 1-2 of 2), "BRIDGE PEDESTRIAN/BICYCLE PICKET RAILING (ALUMINUM)", Dated 01-01-07 is added.

Index No. 870 (Sheet 1 Of 1), "ALUMINUM PIPE GUIDERAIL" is deleted and Interim Index No. 870 (Sheets 1-5 of 5), Dated 01-01-07 is substituted.

Interim Index No. 880 (Sheets 1-5 of 5), "STEEL PIPE GUIDERAIL", Dated 01-01-07 is added.

Index No. 5200 (Sheet 1 of 1), "PRECAST SOUND BARRIERS – GENERAL NOTES" is deleted and Interim Index No. 5200 (Sheet 1 of 1), Dated 01-01-06 is substituted.

Index No. 5202 (Sheet 2 of 4), "TYPICAL PANEL ELEVATION", "NOTE", text "Smooth" is deleted and "Smooth or Deformed" is substituted.

Index No. 5203 (Sheet 2 of 4), "TYPICAL PANEL ELEVATION", "NOTE", text "Smooth" is deleted and "Smooth or Deformed" is substituted.

Index No. 5204 (Sheet 1 of 1), "PRECAST SOUND BARRIERS - FIRE HOSE ACCESS HOLE & DRAINAGE DETAILS", is deleted and Interim Index No. 5204 (Sheet 1 of 1), Dated 01-01-07 is substituted.

Index No. 5205 (Sheet 6 of 7), "NOTES", Beneath Note 4, delete the address for State Contracting and Engineering, Corp. and substitute the following: "State Contracting and Engineering, Corp., 3800 North 29th Avenue, Hollywood, FL 33020."

Interim Index No. 5300 (Sheets 1-16 of 16), "PERMANENT RETAINING WALL SYSTEMS" Dated 01-01-06 is deleted and Interim Index No. 5300 (Sheets 1-19 of 19), Dated 01-01-07 is substituted.

Index 11200 (Sheets 1-3 of 3), "STANDARD ROADSIDE SIGN" is deleted and Interim Index 11200 (Sheets 1-3 of 3) "MULTI-COLUMN GROUND SIGNS", Dated 01-01-07 is substituted.

Index Nos. 11860 thru 11865, "SINGLE COLUMN GROUND SIGNS", are deleted and Interim Index No. 11860 (Sheets 1-8 of 8), Dated 01-01-07 is substituted.

Index No. 17344 (Sheet 3 of 6), below the "SCHOOL CROSSWALK" note add: "See Index No. 17346 Sheets 2 and 7."

Index No. 17345 (Sheet 3 of 4), "TYPICAL LANE DROP MARKINGS AT EXIT RAMPS" and "TYPICAL MARKINGS AT DUAL LANE EXITS": Sheets in the printed booklets have a printing error/glitch that caused some of the lines in these drawings to be broken or

irregular and the reflective pavement markers are not shown. Refer to the sheet posted on the Roadway Design Office website for details of these two layouts.

Interim Index No. 17346 (Sheet 14 of 14), "SPECIAL MARKING AREAS", Dated 07-01-06 is added to the Index.

Index No. 17346 (Sheet 7 of 13), "SPECIAL EMPHASIS CROSSWALK YIELD MARKINGS", delete the W11-2 and W16-7p sign references and the symbol.

Index No. 17355 (Sheet 4 of 11), Sign FTP-22-04, in the sign text delete "F.S. 318.14" and insert "F.S. 318.18".

Index No. 17355 (Sheet 6 of 11), Signs FTP-40-04 and FTP-41-04, in the sign text delete "\$50" and insert "\$100".

Index No. 17501 (Sheet 1 of 1), Delete note 12 and substitute the following: "12. Install pole foundations in accordance with Section 715 of the Specifications.

Index No. 17505 (Sheet 2 of 2), "EXTERNAL LIGHTING FOR SIGNS" is deleted and Interim Index No. 17505 (Sheet 2 of 2), Dated 01-01-06 is substituted.

Index No. 17505 (Sheet 1 of 2), "EXTERNAL LIGHTING FOR SIGNS" is deleted and Interim Index No.17505 (Sheet 1 of 2) is substituted.

Index No. 17515 (Sheet 3 of 7), "FOUNDATION", delete the note "Class I (Special) Foundation Concrete may be cast-in-place or precast with flowable fill backfill" and substitute the following: "Class I (Special) Foundation Concrete may be cast-in-place or precast with installation in accordance with Section 715 of the Specifications".

Index No. 17515 (Sheet 7 of 7), "DATA FOR POLE WITH 15 FT ARM", delete Case Nos. 8, 9, 10, and 11.

Index No. 17725 (Sheet 1 of 1), "NOTES", add the following new note: "Rake pole back from the span wire as necessary to achieve a final rake of $\frac{1}{2} \pm \frac{1}{4}$ inch per foot."

Index No. 17727 (Sheet 1-2 of 2), "SIGNAL CABLE & SPAN WIRE INSTALLATION DETAILS" is deleted and Interim Index No.17727 (Sheet 1 - 2 of 2) is substituted. Single Point Connection was modified and adjustable hanger was changed.

Index No. 17841 (Sheet 1 of 1), "CABINET INSTALLATION DETAILS" is deleted and Interim Index No. 17841 (Sheet 1 of 1), Dated 07-01-06 is substituted.

Interim Index No. 18100 (Sheet 1 of 1), "CCTV POLE PLACEMENT" Dated 01-01-06 is added.

Interim Index No. 18101 (Sheet 1 of 1), "TYPICAL CCTV SITE", Dated 01-01-06 is added.

Interim Index No. 18102 (Sheet 1 – 2 of 2), "CCTV POLE GROUNDING", Dated 01-01-06 is added.

Interim Index No. 18104 (Sheet 1 of 1), "CCTV CABINET EQUIPMENT LAYOUT", Dated 01-01-06 is added.

Interim Index No. 18105 (Sheet 1 of 1), "CCTV BLOCK DIAGRAM", Dated 01-01-06 is added.

Interim Index No. 18107 (Sheet 1 of 1), "GROUND MOUNTED CCTV CABINET", Dated 01-01-06 is added.

Interim Index No. 18108 (Sheet 1 of 1), "POLE MOUNTED CCTV CABINET", Dated 01-01-06 is added.

Interim Index No. 18110 (Sheet 1 – 2 of 2), "CAMERA MOUNTING DETAILS", Dated 01-01-06 is added.

Interim Index No. 18111 (Sheet 1 – 2 of 2), "STEEL CCTV POLE", Dated 01-01-06 is added.

Interim Index No. 18113 (Sheet 1 – 2 of 2), "CONCRETE CCTV POLE", Dated 01-01-06 is added.

Interim Index No. 18202 (Sheet 1 of 1), "FIBER OPTIC PULLBOX AND TRENCH DETAILS", Dated 01-01-06 is added.

Interim Index No. 18204 (Sheet 1 of 1), "FIBER OPTIC SPLICE BOX AND PULLBOX", Dated 01-01-06 is added.

Interim Index No. 18300 (Sheet 1 of 1), "DMS CABINET AND SIGN WIRING AND BLOCK DIAGRAM", Dated 01-01-06 is added.

Interim Index No. 18301 (Sheet 1 of 1), "DMS CABINET LAYOUT", Dated 01-01-06 is added.

Interim Index No. 18302 (Sheet 1 of 1), "TYPICAL DMS MOUNTING DETAILS", Dated 01-01-06 is added.

Interim Index No. 18303 (Sheet 1 – 2 of 2), "DMS STRUCTURE DETAILS", Dated 01-01-06 is added.

Interim Index No. 18305 (Sheet 1 – 2 of 2), "DMS GROUNDING DETAILS", Dated 01-01-06 is added.

Index No. 20150 (Sheet 1 of 1), "AASHTO TYPE V BEAM" is deleted and Interim Index No. 20150 (Sheet 1 of 1), Dated 01-01-06 is substituted.

Index No. 20160 (Sheet 1 of 1), “AASHTO TYPE VI BEAM” is deleted and Interim Index No. 20160 (Sheet 1 of 1), Dated 01-01-06 is substituted.

Index No. 20172 (Sheet 1 of 1), “FLORIDA BULB-T 72 BEAM” is deleted and Interim Index No. 20172 (Sheet 1 of 1), Dated 01-01-06 is substituted.

Index No. 20178 (Sheet 1 of 1), “FLORIDA BULB-T 78 BEAM” is deleted and Interim Index No. 20178 (Sheet 1 of 1), Dated 01-01-06 is substituted.

Index No. 20400 (Sheet 1 of 1), “NOTES AND DETAILS FOR PRECAST CONCRETE SHEET PILES” is deleted and Interim Index No. 20400 (Sheet 1 of 1), Dated 01-01-06 is substituted.

Index No. 20501 (Sheet 1 of 1), “BEVELED BEARING PLATE DETAILS” is deleted and Interim Index No 20501 (Sheet 1 of 1), “BEVELED BEARING PLATE DETAILS – PRESTRESSED AASHTO AND BULB-T BEAMS”, Dated 01-01-06 is substituted.

Interim Index No. 20502 (Sheet 1 of 1), “BEVELED BEARING PLATE DETAILS – FLORIDA U-BEAMS”, Dated 01-01-06 is added.

Interim Index No. 20602 (Sheet 1 of 1), “EDC INSTRUMENTATION FOR SQUARE PRESTRESSED CONCRETE PILES”, Dated 11-07-06 is added.

Interim Index No. 20630 (Sheet 1 of 1), “30” SQUARE PRESTRESSED CONCRETE PILE”, Dated 01-01-06 is deleted and Interim Index No 20630 (Sheet 1 of 1), Dated 11-07-06 is substituted.

Interim Index No. 21110 (Sheets 1 – 2 of 2), “POURED JOINT WITH BACKER ROD EXPANSION JOINT SYSTEM”, Dated 01-01-06 is added.

Index No. 21220 (Sheet 1 of 2), “NAVIGATION LIGHT SYSTEM DETAILS (FIXED BRIDGES)” is deleted and Interim Index No. 21220 (Sheet 1 of 2), Dated 01-01-06 is substituted.

Interim Index No. 21600 (Sheets 1-7 of 7), “TEMPORARY DETOUR BRIDGE GENERAL NOTES AND DETAILS”, Dated 07-01-06 is added.

Interim Index No. 21600 (Sheet 1 of 7), "TEMPORARY DETOUR BRIDGE GENERAL NOTES AND DETAILS ", Dated 07-01-06 is deleted and Interim Index No. 21600 (Sheet 1 of 7) Dated 01-01-07 is substituted.

Interim Index No. 21610 (Sheets 1-3 of 3), “TEMPORARY DETOUR BRIDGE DETAILS – TIMBER PILE FOUNDATIONS”, Dated 07-01-06 is added.

Interim Index No. 21620 (Sheets 1-2 of 2), “TEMPORARY DETOUR BRIDGE DETAILS – STEEL H PILE FOUNDATIONS”, Dated 07-01-06 is added.

Interim Index No. 21630 (Sheets 1-3 of 3), “TEMPORARY DETOUR BRIDGE DETAILS – STEEL PIPE PILE FOUNDATIONS”, Dated 07-01-06 is added.

Interim Index No. 21900 (Sheet 1 – 2 of 2), “FENDER SYSTEM GENERAL NOTES AND LAYOUT”, Dated 01-01-06 is added.

Interim Index No. 21900 (Sheet 1 of 2) "FENDER SYSTEM GENERAL NOTES AND LAYOUT", Dated 01-01-06 is deleted and Interim Index No. 21900 (Sheet 1 of 2), Dated 01-01-07 is substituted.

Interim Index No. 21910 (Sheets 1 – 5 of 5), “FENDER SYSTEM HEAVY DUTY”, Dated 01-01-06 is added.

Interim Index No. 21920 (Sheets 1 – 5 of 5), “FENDER SYSTEM MEDIUM DUTY”, Dated 01-01-06 is added.

Interim Index No. 21930 (Sheets 1 – 5 of 5), “FENDER SYSTEM LIGHT DUTY”, Dated 01-01-06 is added.