



Florida Department of Transportation

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SECRETARY

PROGRAM MANAGEMENT BULLETIN 19-06

ROADWAY DESIGN MEMORANDUM 19-03

(FHWA Approved: December 19, 2019)

DATE: *December 27, 2019*

TO: District Directors of Transportation Operations, District Directors of Transportation Development, District Design Engineers, District Construction Engineers, District Structures Design Engineers, District Maintenance Engineers, District Roadway Design Engineers, District Consultant Project Management Engineers, District Traffic Operations Engineers, Program Management Engineers, District Materials Engineers, District Specifications Engineers, District Estimates Engineers, Basis of Estimates Manual Holders

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SUBJECT: Special Detours

This bulletin implements changes to the Pay Items and Summary of Quantities for Special Detours. Special Detours are defined as a diversion or lane shift for vehicular traffic that requires temporary pavement. They may include multiple temporary pavement areas over one or more Temporary Traffic Control phases. These areas may also require a contractor designed combination of earthwork and/or base. The Basis of Estimates (BOE) and the Standard Specifications will be updated for changes to the Special Detours, Lump Sum (LS) pay item.

REQUIREMENTS

The Basis of Estimates has been updated. The following pay item is valid for lettings through June 30, 2020:

102-2- AA Special Detour, LS/LS

AA= Detour Number

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The new pay items are effective for lettings July 1, 2020 and later:

- 102-2-200 Special Detour- Temporary Pavement, LS/SY**
- 102-2-300 Special Detour- Temporary Earthwork/Base, LS/CY**

Note that the square yard and/or cubic yard quantities (secondary/estimating units) must be entered by the designer into the Designer Interface when loading the pay item. Estimating reports will show the estimating units, while the Summary of Quantities reports will show the bid quantity of 1 lump sum.

An updated summary box titled “Summary of Special Detours” will be available with the October CADD release. See Attachment for draft.

COMMENTARY

Our contracting partners have requested that additional information be included in the plans to better summarize the Special Detours. Since the means and methods (materials, thicknesses, and construction) are up to the contractor, based on the current specifications, the Department has agreed to provide better quantity information based on area and volume. This will benefit both the Contractors and FDOT Estimators with better cost history. The Department will not provide the actual design thicknesses of each layer (earthwork, base, or temporary pavement).

On the summary box, designers will show the Temporary Pavement area(s), by phase, for each location; the pavement thickness will not be shown. When additional earthwork and/or base is required, designers will show the Temporary Earthwork/Base volume(s), by phase, for each location. The earthwork/base quantity will be estimated from the top of the temporary pavement to the existing/proposed ground level.

To avoid duplicate payment and conflicting specification requirements, do not include embankment to remain, as shown in the proposed cross sections, in the Temporary Embankment/Base quantities.

For additional guidance on Special Detours, refer to the *FDOT Design Manual (FDM)*, Chapter 240.

IMPLEMENTATION

For projects let on or after July 1, 2020, update the pay item and Summary of Special Detours.

Earlier implementation of the pay item is not available, due to coordination between the specification and pay item numbers. However, an optional Summary Box is attached, for projects let through June 30, 2020.

The *July 2020 Standard Specifications* will be updated. The following is a draft of the proposed revision:

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102-11.3 Special Detours: *When a special detour is shown in the Plans, the work of constructing, maintaining, and subsequently removing such detour facilities will be paid for under Special Detour, lump sum. However, traffic control devices, warning devices, barriers, signing, pavement markings, and restoration to final configuration will be paid for under their respective pay items.*

~~—————When the Plans show more than one special detour, each special detour will be paid for separately, at the Contract lump sum price for each.~~

CONTACT

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Attachments

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SAMPLE Summary Box, effective July 2020 lettings, LS/SY pay item:

| TTC PHASE | LOCATION STA. TO STA. | SIDE | AREA ID | UNITS | SUMMARY OF SPECIAL DETOURS | | | | | | DESIGN NOTES | CONSTRUCTION REMARKS | | |
|-----------|--------------------------|------|---------|-------|-----------------------------------|----|-------------------------------|---|---------------------------|---|--------------|----------------------|---|----|
| | | | | | SPECIAL DETOUR TEMPORARY PAVEMENT | | SPECIAL DETOUR EARTHWORK/BASE | | PEDESTRIAN SPECIAL DETOUR | | | | | |
| | | | | | P | SY | F | P | CY | F | | | P | SY |
| | | | | LS | 1 | | | 1 | | | 1 | | | |

| TTC PHASE | LOCATION STA. TO STA. | SIDE | AREA ID | UNITS | SUMMARY OF SPECIAL DETOURS | | | | | | DESIGN NOTES | CONSTRUCTION REMARKS | | |
|-----------|--------------------------|------|---------|-------|-----------------------------------|-------|-------------------------------|------|---------------------------|---|--------------|----------------------|---|-----------------------------------|
| | | | | | SPECIAL DETOUR TEMPORARY PAVEMENT | | SPECIAL DETOUR EARTHWORK/BASE | | PEDESTRIAN SPECIAL DETOUR | | | | | |
| | | | | | P | SY | F | P | CY | F | | | P | SY |
| Phase 2 | 423+73.00 to 429+85.00 | LT | 12547 | LS | 1 | 202 | | | 1 | | | | | 3' wide Temp Pavement on Shoulder |
| Phase 2 | 431+17.00 to 438+85.00 | RT | 12549 | | | 127 | | | | | | | | 2' wide Temp Pavement on Shoulder |
| Phase 2 | 431+17.00 to 438+85.00 | RT | 12550 | | | | | 50 | | | | | | Earthwork/Base |
| Phase 2 | 431+17.00 to 438+85.00 | RT | 12549 | | | | | | | | 316 | | | 5' wide pedestrian surface |
| Phase 3 | 431+97.00 to 437+90.00 | LT | 12548 | | | 198 | | | | | | | | 3' wide Temp Pavement on Shoulder |
| Phase 4 | 121+14.00 to 351+04.00 | L/RT | 13121 | | | 71974 | | | | | | | | Temp Pavement for crossover |
| | 121+14.00 to 351+04.00 | L/RT | 13121 | | | | | 5000 | | | | | | |

