

Document Release Notice

Document Number:	SP 416.1	Title:	Drilled Shaft Foundatins
Current Revision #:	416.0	Type of Change:	<input type="checkbox"/> ORIG RELEASE <input checked="" type="checkbox"/> REVISION <input type="checkbox"/> ARCHIVE <input type="checkbox"/> OBSOLETE
New Revision #:	416.1	Document Type:	NTTA Special Provision Choose from Drop Down Menu - left
Date Submitted:	5/10/2010	DRN Number:	10156

Summary of Proposed Changes:

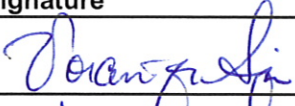
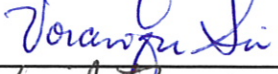

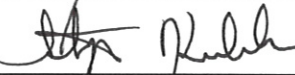
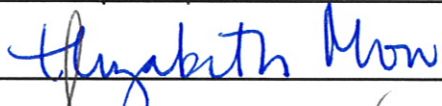



- Include paragraph numbers or other references & attach a copy of the new or revised documents)
- For new documents, indicate "Original Release"

Modify standard specification to pay for core holes as subsidiary and add drilled shafts over 72" diameter to mass placement of concrete.

Reason for New Release / Revision / Obsolescence:

Revision to document

Required Signatures:

Title:	Printed Name	Signature	Date:
Originator	Nikki Simon		5/11/10
Specifications Manager	Nikki Simon		5/11/10
	(N/A)		
Deputy Program Manager	Clif Davis		5/12/10
	(Alt - Steve Knobbe)		
Program Manager	Steve Knobbe		5-18-10
	(Alt - Clif Davis)		
Department Director	Elizabeth Mow		5-22-10
	(N/A)		
Assistant Executive Director	Gerry Carrigan		5/26/10
	(Alt - Elizabeth Mow)		
Technical Oversight Leader	Mark Bouma		5/12/10
	(N/A)		
Document Control	Md Omar Faruk		5/27/2010
	(Alt - Peter Claypool)		

From: Faruk, Omar
 Sent: Thursday, May 27, 2010 3:56 PM
 To: Faruk, Omar
 Subject: NTTA Special Provision/Specification and Front End Document Updates

The following NTTA Special Specifications, Special Provisions, and Front End Documents are now released:

Document #	Document Title	Originator	DRN#	Changes
SS-836.1	Junction Box	Nikki Simon	10148	Revised to remove reference to electrical/illumination items and change text on cover of fiber box.
SP-416.1	Drilled Shaft Foundations	Nikki Simon	10156	Revision made to standard specification to pay for core holes as subsidiary and add drilled shafts over 72" diameter to mass placement of concrete.
SP-1.4	Definition of Terms	Nikki Simon	10158	Revised to add Article 1.58 - Definition of Hazardous Materials.
SP-858.2	Toll Gantry	Nikki Simon	10159	Original Release
DOC001C	Table of Contents	Nikki Simon	10165	Table of contents for federally funded projects and for non-federally funded projects have been combined into one document.

The following NTTA Standard Specification and Front End documents are now obsolete:

DOC001A	Table of Contents - Federal	Nikki Simon	10165	Obsolete
DOC001B	Table of Contents - Non Federal	Nikki Simon	10165	Obsolete
SP-858.1	Toll Gantry	Nikki Simon	10159	Obsolete

The above revised/new documents are available at the following locations:

T:\Standards and Specifications\NTTA Specifications\Current - 2004 Specifications\2004 Special Provisions

T:\Standards and Specifications\NTTA Specifications\Current - 2004 Specifications\2004 Special Specifications

T:\Standards and Specifications\NTTA Specifications\Current - 2004 Specifications\2004 Front end document

Thanks,

PROPOSED SPECIAL PROVISION OR SPECIAL SPECIFICATION REQUEST

Construction: Project Delivery Maintenance ITS Specification Book Year 2004
Non-review Reviewed

Anticipated Use: System Wide Use Specific Tollway/Turnpike Use One Time Use

County: All Project Number: N/A
City: _____ Letting: Beginning May 2010 letting
Highway: Systemwide

Proposed Special Provision or Special Specification (Title):
SP 416.1 - Drilled Shaft Foundations

Conditions that created the need for the New Special Provision or Special Specification:
Modification to standard specification: payment of core holes, concrete mass placement

Is the Proposed Special Provision or Special Specification identical or similar to a previously approved specification or provision? Yes If yes, then list most recent number: Sp 416.0 revised on April 2005

Give a brief summary of content (if similar to previously approved specification or provision, list changes and provide marked up copy):

Revised payment of core holes, added drilled shafts over 72" as concrete mass placement

Reference Items: N/A

WORD File Name: SP-416.1_Drilled Shaft Foundations_Rev_052010.doc
(please Groupwise WORD file and this form to processing office)

Created by: Nikki Simon Phone: 972-628-3095 Date: 5/10/10

Submitted by: Nikki Simon Phone: 972-628-3095 Date: 5/10/10

Approved By: Spec. Committee Date: 5/5/10

New special provision/ special specification number SP-416.1-Drilled Shaft Foundations

Bid Item Number (for new special specification only) _____

Bid Item Code, Abbreviation, and Pay Item Unit * N/A

* Abbreviation and Pay Item Units to be provided, if applicable, with the 1814NTTA form. The Item Code will be assigned at the approval of the specification.

NORTH TEXAS TOLLWAY AUTHORITY
SPECIAL PROVISION TO ITEM 416
“DRILLED SHAFT FOUNDATIONS”

For this Contract, Item 416 of the Texas Standard Specifications is hereby amended with respect to the clauses cited below and no other clauses or requirements of this Item are waived or changed hereby.

Article 416.3, “**Construction, Section F. Concrete**”, the first paragraph is hereby voided and replaced by the following:

Perform all work in accordance with requirements of Item 420, “Concrete Structures.” Mass concrete placement requirements, pursuant to Article 420.4, “Construction, Section G. Placing Concrete, Subarticle 14. Mass Placements,” shall apply to all drilled shafts 72” in diameter and greater.

Article 416.5, “**Payment, Section A. Drilled Shaft**”, is hereby voided and replaced by the following:

A. Drilled Shaft. The work performed and materials furnished in accordance with this Item and measured as provided under “Measurement” will be paid for at the unit price bid for “Drilled Shaft” or “Drilled Shaft (Non-reinforced)” or “Drilled Shaft (Sign Mounts)” or “Drilled Shaft (High Mast Pole)” or “Drilled Shaft (Roadway Illumination Pole)” or “Drilled Shaft (Traffic Signal Pole)” or “Drilled Shaft (Closed Circuit Television)” or “Drilled Shaft (Dynamic Message Sign)” of the specified diameter, subject to the limitations for overruns authorized by the Engineer given in Section 416.5.A.1, “Overrun.”

Article 416.5, “**Payment, Section A. Drilled Shaft, Section 2. Maximum Plan Length Shaft**”, is supplemented by the following:

- For roadway illumination poles, the maximum plan length shaft is the maximum length shaft, regardless of diameter, for any roadway illumination pole included in the contract.
- For traffic signal poles, the maximum plan length shaft is the maximum length shaft, regardless of diameter, for any traffic signal pole included in the contract.

May, 2010

- For closed circuit television poles, the maximum plan length shaft is the maximum length shaft, regardless of diameter, for any closed circuit television pole included in the contract.
- For dynamic message sign poles, the maximum plan length shaft is the maximum length shaft, regardless of diameter, for any dynamic message sign pole included in the contract.

Article 416.5, "**Payment, Section C. Core Hole**", is hereby voided and replaced with the following:

C. Core Hole. Core Holes will be subsidiary to the unit price bid for the various classifications of drilled shafts specified under Item 416.

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NORTH TEXAS TOLLWAY AUTHORITY
SPECIAL PROVISION TO ITEM 416
"DRILLED SHAFT FOUNDATIONS"

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For this Contract, Item 416 of the Texas Standard Specifications is hereby amended with respect to the clauses cited below and no other clauses or requirements of this Item are waived or changed hereby.

Article 416.3, "Construction, Section F. Concrete", the first paragraph is hereby voided and replaced by the following:

Perform all work in accordance with requirements of Item 420, "Concrete Structures." Mass concrete placement requirements, pursuant to Article 420.4, "Construction, Section G. Placing Concrete, Subarticle 14. Mass Placements," shall apply to all drilled shafts 72" in diameter and greater.

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Article 416.5, "Payment, Section A. Drilled Shaft", is hereby voided and replaced by the following:

A. Drilled Shaft. The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Drilled Shaft" or "Drilled Shaft (Non-reinforced)" or "Drilled Shaft (Sign Mounts)" or "Drilled Shaft (High Mast Pole)" or "Drilled Shaft (Roadway Illumination Pole)" or "Drilled Shaft (Traffic Signal Pole)" or "Drilled Shaft (Closed Circuit Television)" or "Drilled Shaft (Dynamic Message Sign)" of the specified diameter, subject to the limitations for overruns authorized by the Engineer given in Section 416.5.A.1, "Overrun."

Article 416.5, "Payment, Section A. Drilled Shaft, Section 2. Maximum Plan Length Shaft", is supplemented by the following:

- For roadway illumination poles, the maximum plan length shaft is the maximum length shaft, regardless of diameter, for any roadway illumination pole included in the contract.
- For traffic signal poles, the maximum plan length shaft is the maximum length shaft, regardless of diameter, for any traffic signal pole included in the contract.

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- For closed circuit television poles, the maximum plan length shaft is the maximum length shaft, regardless of diameter, for any closed circuit television pole included in the contract.

- For dynamic message sign poles, the maximum plan length shaft is the maximum length shaft, regardless of diameter, for any dynamic message sign pole included in the contract.

Article 416.5, "Payment, Section C. Core Hole", is hereby voided and replaced with the following:

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C. Core Hole. Core Holes will be subsidiary to the unit price bid for the various classifications of drilled shafts specified under Item 416.