FIELD DATA COLLECTION FOR 90-1 SURVEYS

Second Edition

Date: March, 2001

Revised: November 17, 2005

18-4.1 SAMPLE

Mail Box Inventory form

MAIL BOX INVENTORY North Dakota Department of Transportation, Design SFN 51099 (Rev. 04-2000)			Page of	
Project Number ()	Date of Inventory			
Description	Ву			
RP STATION	LT OR RT	TYPE OF MAIL BOX	# OF BOXES PER SUPPORT	PORT
				-
				v
	TYPE OF MAIL BOXES		XIMAT	
RP STATIONING IS FROM THE MILE POINT SYSTEM:	TYPE SIZE 1 (SMALL) 1-A (MEDIUM) 2 (LARGE)	LENGTH 19 19 21 23 1/2	WIDTH HEI 6 1/2 8 · 8 · 10 8 · 10 8 · 10 11 1/2 13	HEIGHT 8 1/2 10 1/2 13 1/2

FIELD DATA COLLECTION FOR 90-1 SURVEYS

Second Edition

Date: March, 2001

Revised: November 17, 2005

18-4.2 SAMPLE R/W monument & marker post Inventory form

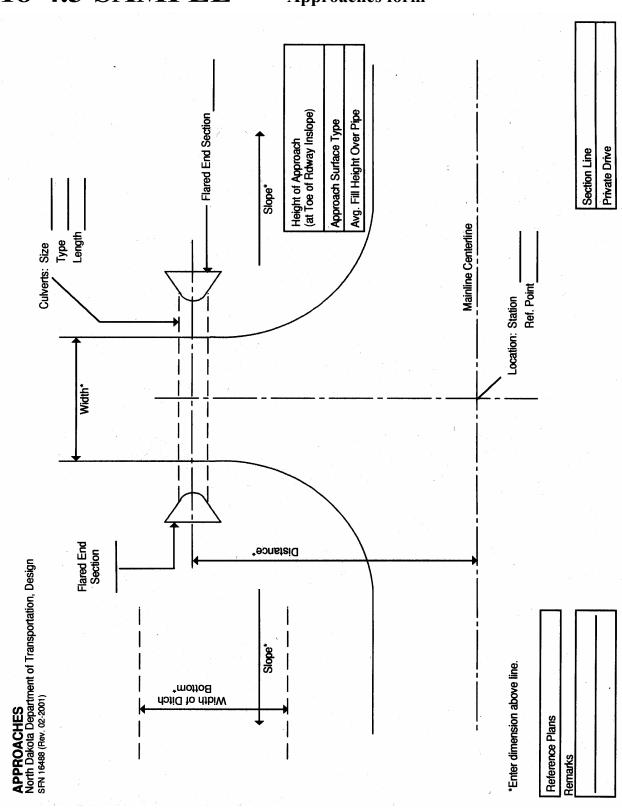
R/W MONUMENT & MARKER POST INVENTORY North Dakota Department of Transportation, Design	TORY				•	
(2002-20) (2004-10)						Page of
Project Number – – ()		Date of Inventory	1	Reference Plans		
Description		Ву		Date /	,	
			STNAMINOM	و		MARKER DOSTS
PLAN STA / RP STA	LT OR RT	SIZE/TYPE	DEPTH (of Mon.)	LOCATION (fr Marker)	7 PE	CONDITION
				,	,	
		·		,		
PLAN STATIONS ARE FROM REFERENCE PLANS	SN		MONUMENT TYPE	УРЕ	N	MARKER POST TYPE
RP STATIONS ARE REFERENCED FROM THE MILE POST STATIONING SYSTEM:		IP= IR(SB = S U = U-I	IP= IRON PIPE; R = REBAR; T = T-IRON; SB = SMOOTH BAR; NF NOT FOUND; U = U-IRON; OTHER (DESCRIBE)	R; T = T-IRON; DT FOUND; CRIBE)	C = CO M = N NF =	C = CONCRETE; W = WOOD; M = METAL; OTHER (DESCRIBE) NF = NOT FOUND

Date: March, 2001

Revised: November 17, 2005

18-4.3 SAMPLE

Approaches form



Date: March, 2001

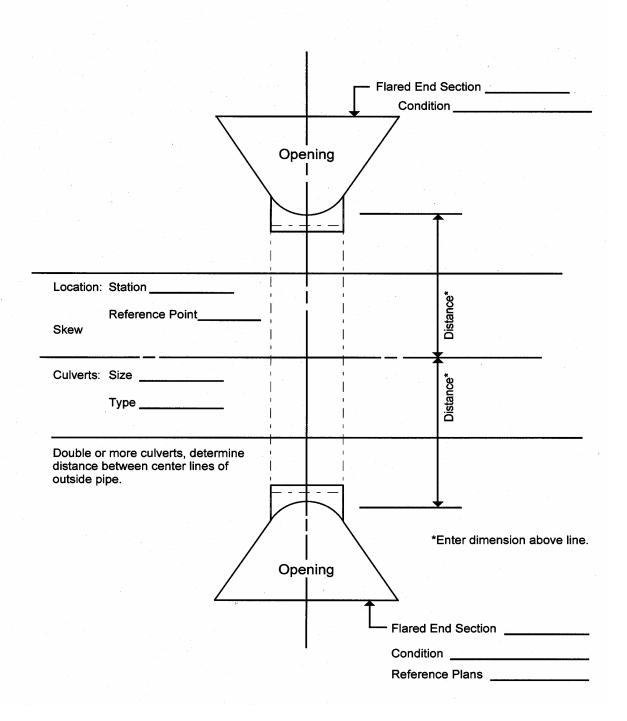
Revised: November 17, 2005

18-4.4 SAMPLE

Centerline Culverts form

CENTER LINE CULVERTS

North Dakota Department of Transportation, Design Division SFN 16489 (Rev. 11-2005)

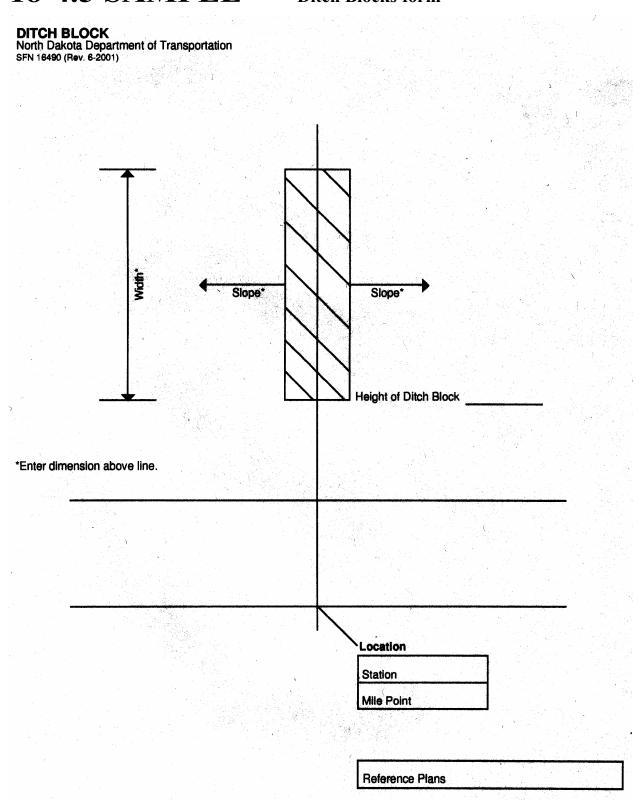


Date: March, 2001

Revised: November 17, 2005

18-4.5 SAMPLE

Ditch Blocks form



Date: March, 2001

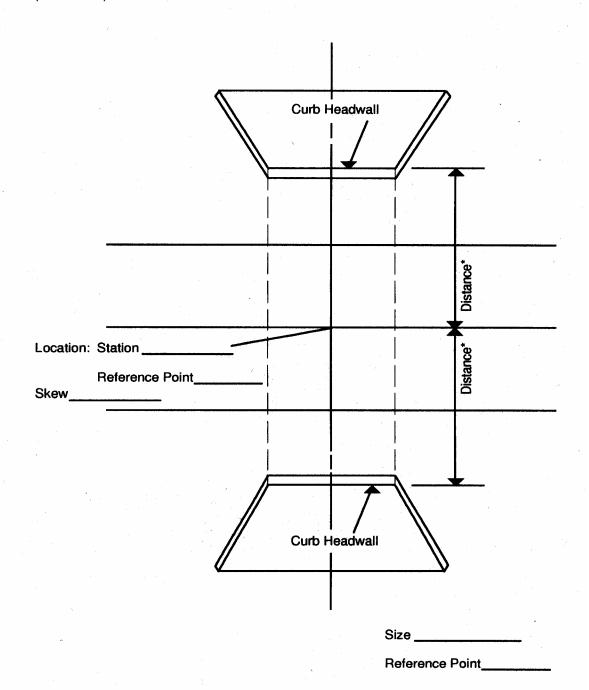
Revised: November 17, 2005

18-4.6 SAMPLE

Box Culverts form

BOX CULVERT

North Dakota Department of Transportation, Design SFN 16491 (Rev/ 12-2000)



*Enter dimension above line.

FIELD DATA COLLECTION FOR 90-1 SURVEYS

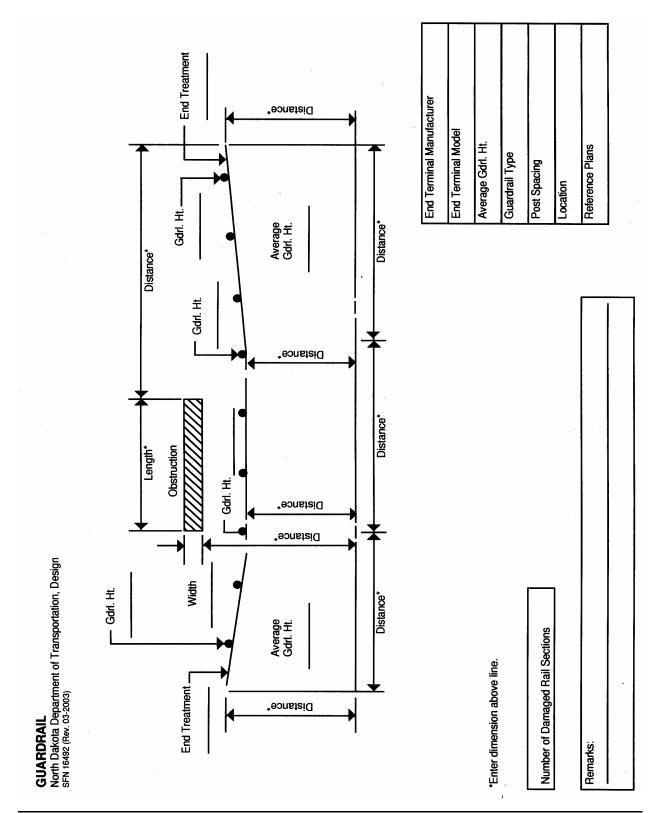
Second Edition

Date: March, 2001

Revised: November 17, 2005

18-4.7 SAMPLE

Guardrail form

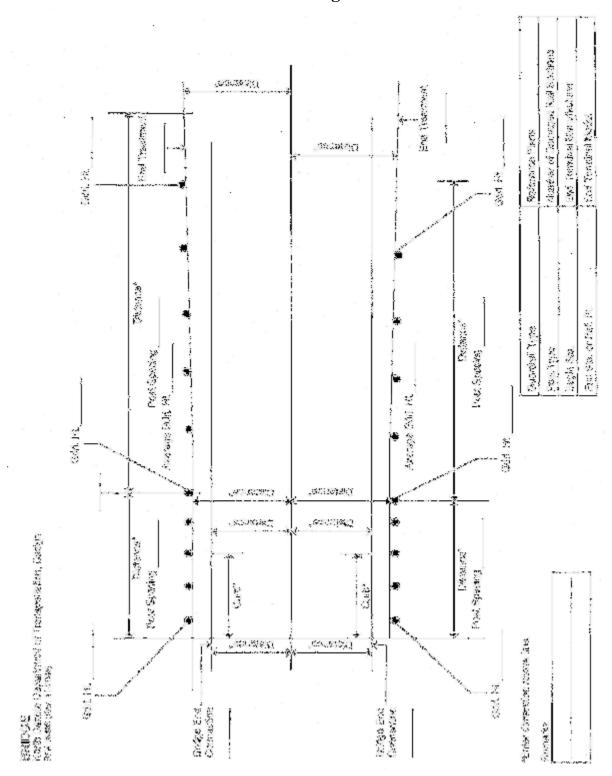


Date: March, 2001

Revised: November 17, 2005

18-4.8 SAMPLE

Bridge form



FIELD DATA COLLECTION FOR 90-1 SURVEYS

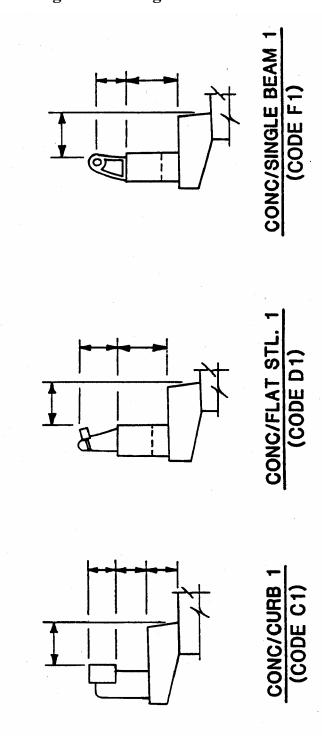
Second Edition

Date: March, 2001

Revised: November 17, 2005

18-4.9 SAMPLE

Bridge Curb Length form



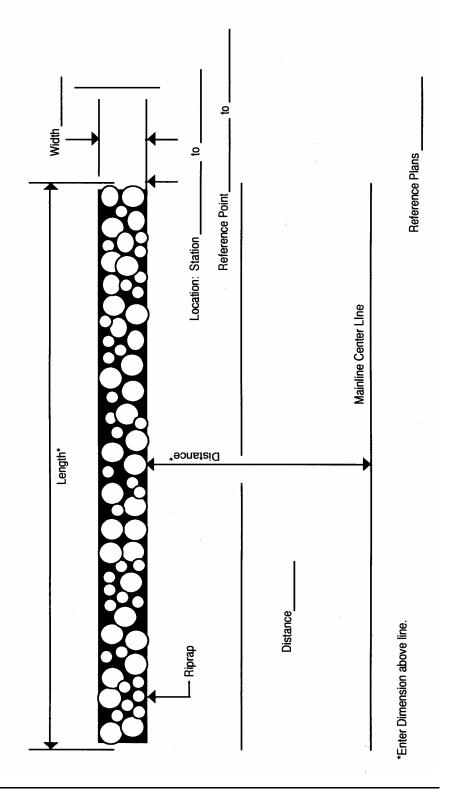
GEOMETRIC REQUIREMENTS

BRIDGE CURB LENGTHNorth Dakota Department of Transportation, Design SFN 16494 (Rev. 1-2000)

Date: March, 2001

Revised: November 17, 2005

18-4.10 SAMPLE Riprap form



North Dakota Department of Transportation, Design SFN 16495 (Rev. 03-2003)

FIELD DATA COLLECTION FOR 90-1 SURVEYS

Second Edition

Date: March, 2001

Revised: November 17, 2005

18-4.11 **SAMPLE**

Concrete pavement repair (CPR) survey

CONCRETE PAVEME	ENT REPAIR (CPR) S	URVEY				
North Dakota Department of Transportation, Design SFN 16513 (Rev. 1-2000)	of Transportation, Design		D.	Project Engineer		
			Įā.	Project Number		Milepoint
		Page of		DIRECTION OF TRAVEL (circle): N	EL (circle): N S E W	Date
Milepoint Station of	Concrete (ft.)	Spall (ft.) Renair	Random	Relief	Curb &	Sidewalk
Joint No.	Length x Width	Length x Width	(l.f.)	John (ea.)	(l.f.)	(S.Y.)
	×	×	-			
	×	×				
	×	×				
	×	×				
	×	×				
	×	×				
	×	×				
	×	×				
	×	×				
,	×	×				
	X	×				
	×	×				
	×	×				
	×	×				
	×	×				
	×	×				
	×	×		2		

FIELD DATA COLLECTION FOR 90-1 SURVEYS

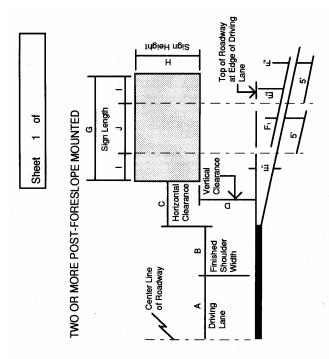
Second Edition

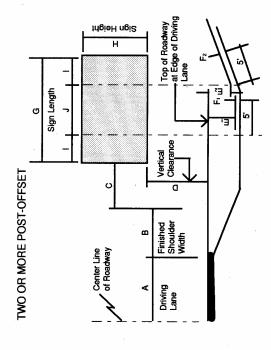
Date: March, 2001

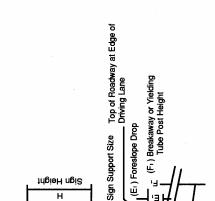
Revised: November 17, 2005

18-4.12 **SAMPLE**

Sign Inventory (Instruction Sheet)







Clearance

Vertical

Finished Shoulder Width

Driving Lane

Sign Height

Horizontal Clearance

Perforated tubes across the flat part of the tube. Flange channel across the flats and the wall thickness. Round pipe, outside diameter. Sign support size should be measured as follows:

Yielding type posts such as perforated tube or flange channel with driven anchor are

Finished shoulder could be concrete, asphalt or aggregate

Note:

to be measured to top of anchor. Breakaway slip base measured to top of lower baseplate. If sloped base plate is on a divided highway measure to center of base.

- d. W shape across the flanges

- The distance F should be the maximum height above ground in all directions inside the 5 foot radius.
- The foreslope drop E should be measured for each post.
- The breakaway or yielding tube height should be measured for each post
- The post spacing for each set of posts shall be measured
- If post is on backslope the 5 feet offset distance for F2 may be less than 5 feet on the ditch section side.

SFN 19953

Center Line of Roadway

REFACING, OVERLAY, AND UPDATING SUPPORTS PROJECTS

SIGN INVENTORY - INSTRUCTIONS

FIELD DATA COLLECTION FOR 90-1 SURVEYS

Second Edition

Date: March, 2001

Revised: November 17, 2005

18-4.13 SAMPLE

Sign Inventory form

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) 1			PHOTOS	PICT.													
Sheet				ROLL	ġ												
			REFLECTIVE RACK	GROUND													
			MOTAN	PLATE CONDITION													
	Inventory by		90.00	PLATE	T				<u> </u>								
	Inve	Date		F -1													
			BREAKAWAY OR YIELDING BASE HEIGHT	F ₁ F ₂ F ₃ F ₄	드												
			REAKAWAY	F ₁ F ₂	L -	-											
			POSTS	SIZE													
			TYPEOF	POSTS POSTS													
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			SIGN		ᇤ	_	-										
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ECT				N SIGN													
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ORY /ERL artmer oos)			FNISHED SHOULDER WIDTH	-	ᄩ												
MTC Depa Depa			DRIVING LANE WIDTH	٨	Ë												
SIGN INVENTORY REFACING, OVERLAY, AND UPDATING SUPPORTS PROJECTS North Dakota Department of Transportation, Design SFN 19953 (Rev. 03-2003)	lumber		Š	5													
GEFA	Project Number	Location	{	LOCATION													
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FIELD DATA COLLECTION FOR 90-1 SURVEYS

Second Edition

Date: March, 2001

Revised: November 17, 2005

18-4.14 SAMPLE

Traffic Control sign Inventory form

Project Number						TBAEELC CONTROL SIGN INVENTORY	ENCO	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	MINO	JOHN!	>~
Location								ופ שטר			
Photos Roll Picture	P. S. S.	Station	عَ الْحُ	Offset (A)	Direction Sign	Sign Message	Sign	Vertical Clearance	Type	Number of Ournords	Comments
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FIELD DATA COLLECTION FOR 90-1 SURVEYS

Second Edition

Date: March, 2001

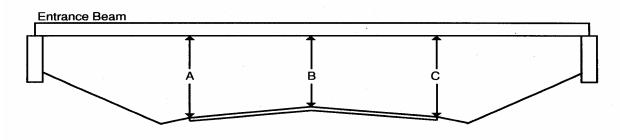
Revised: November 17, 2005

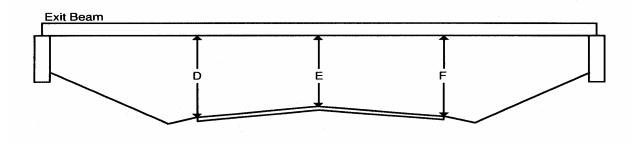
18-4.15 SAMPLE

Vertical Clearance – Single Span form

VERTICAL CLEARANCE - SINGLE SPANNorth Dakota Department of Transportation, Bridge SFN 17387 (Rev. 06-2001)

Structure No.	_
Date	
Direction of Inventory	





Α	В	С	D	E	F
		•			

Item 10 - Inventory Route, Minimum Vertical Clearance (XX feet XX inches)

Code the minimum vertical clearance over the inventory route identified in item 5, whether the route is "on" the structure or "under" the structure. The minmun clearance for a 10-foot width of pavement or traveled part of the roadway where the clearance is the greatest shall be recorded and coded in feet and inches. For structures have multiple openings, clearances for each opening shall be recorded, but only the greatest of the minimum clearance for the two or more openings shall be coded regardless of the direction of travel.

Item	10			
l				

Date: March, 2001

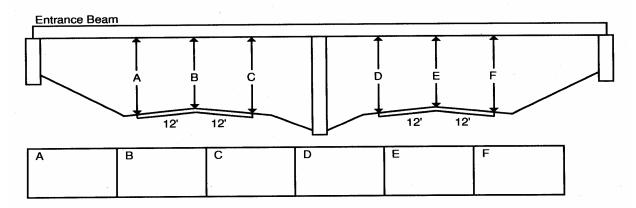
Revised: November 17, 2005

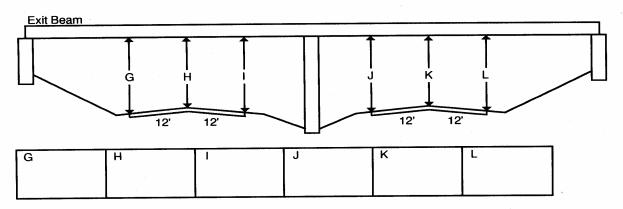
$18\text{--}4.16 \ SAMPLE \ \ \text{Vertical Clearance} - \text{4-Lane Highways form}$

VERTICAL CLEARANCE -- 4-LANE HIGHWAYS

North Dakota Department of Transportation, Bridge SFN 17388 (Rev. 06-2001)

Structure No.	
Date	
Direction of Inventory	





Item 10 - Inventory Route, Minimum Vertical Clearance (XX feet XX inches)

Code the minimum vertical clearance over the inventory route identified in item 5, whether the route is "on" the structure or "under" the structure. The minmun clearance for a 10-foot width of pavement or traveled part of the roadway where the clearance is the greatest shall be recorded and coded in feet and inches. For structures have multiple openings, clearances for each opening shall be recorded, but only the greatest of the minimum clearance for the two or more openings shall be coded regardless of the direction of travel.

Item 10		