

						100-1D 10-18-05			
			ECT DESCRIPTION				Item No.	Item Code	ESTIMATE REFERENC
		wo aprons will be installed by usi relocate two intakes, one each sid	ng trenchless construction eliminating le of the roadway.	the need fo	r a road clos	sure and detour.			
							1 2	2416-1263018 2507-3250005	ENGINEERING FABRIC
						100-0A	3	2121-7425020	Refer to Tabulation 100-23 for more informatic GRANULAR SHOULDERS, TYPE B
		FSTTMATED	ROADWAY QUANTITIES			10-28-97			Refer to special detail sheet U.1 for addition Match existing granular shoulder width.
			VISION PROJECT)				4	2402-2723100	
Item No.	Item Code		Item	Unit	Total	As Built Qty.	5	2416-1263018 2416-0100018	APRONS, CONCRETE, 18 IN. DIA.
1	2416-1263018	CULVERT, CONCRETE PIPE, 3000D, T		LF	e	2	7	2602-0000312	Refer to Tabulation 104-3 for more information PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 1 REMOVAL OF PERIMETER AND SLOPE OR DITCH CHECK
2	2507-3250005 2602-0000351	ENGINEERING FABRIC	R DITCH CHECK SEDIMENT CONTROL DEVICE	SY LF	6		9		Refer to Tabuation 100-19 for more information TRAFFIC CONTROL
4		GRANULAR SHOULDERS, TYPE B EXCAVATION, CLASS 23, FOR ROADWA		TON	e	9	10 11	2533-4980005	
6 7	2416-0100018			EACH	e			2320-8283000	
8 9		PERIMETER AND SLOPE SEDIMENT CON TRAFFIC CONTROL		LF LS	6	9			
10 11	2533-4980005 2526-8285000	MOBILIZATION CONSTRUCTION SURVEY		LS LS LS		2			
	2320-8283000								STANDARD RO
						100-1D	Number	Date	The following Standard Road Plans apply t
						10-18-05		04-18-17 Pi	pe Culvert (Bedding and Backfill) pe Culvert (Cover and Camber)
			UTILITIES				DR-102 DR-103 DR-104	04-21-15 Pi	pe Culvert (Installation Details) pth of Cover Tables for Concrete and Corrugated
Mary Monte Real Estat		Way Representative II					DR-121 DR-201	10-17-17 Co	nnected Pipe Joints ncrete Aprons
	nergy (Electric	and Gas Distribution, Gas and Fib	per Transmission)				EC-204 EC-301	10-19-21 Pe	rimeter, Slope and Ditch Check Sediment Control ck Erosion Control (REC)
	ids, IA 52406-9	9874					PM-110 TC-1	04-21-20 Li	ne Types rk Not Affecting Traffic (Two-Lane or Multi-Lane
	omery@allianten	ergy.com	Add bid item to				TC-202 TC-252	10-19-21 Wo	rk Within 15 ft of Traveled Way utes Closed to Traffic
Mike Brode	erick elecommunicatio	ns Engineer	repair longitudinal				10 252		
Iowa Comm	unications Netw	ork (Fiber Transmission) ate Office Building	subdrain and subdrain outlet.						
Des Moine	s, IA 50319 -4610 Cell: (51)	-	Suburain Outlet.						
	erick@iowa.gov	5) 550 /155	Add Flagger bid						
Jeff Anfi	nson Operations Man	agen	item.						
	Communications (Corporation (Cable TV)							232-3A
Spencer,									10-19-21
	@mediacomcc.com								DSION CONTROL
							Area to be	<u> </u>	JRAL SEEDING)
r			262-6				contractor	determines the	e area exceeds 2 acres, notify the Culty in excess of 2 acres will be paid
			10-18-05				for as ext		Ing to Article 1109.03,B of the S
		UTILITIES							of work in a disturbed area and
This is NO		POINT 25 PROJECT) oject and is not subject to the					according	to the seeding	dates in Section 2601 of the Standard Side, fertilizer, and mulch on the
	of IAC 761-115								eet adjacent to shoulder and median as d
							Place s	eed and fertili	ize according to the requirements of
								2601.03,C,3 an cations.	nd Section 4169 of the Standard
									to the requirements of Articles 0.07,A of the Standard Specifications.
									urnishing and applying seed,
							fertilizer		e all incidental to mobilization and

FILE NO.	ENGLISH	DESIGN TEAM Kelly\Nie	KOSSUTH COUNTY PROJECT NUMBER	NHSN-018-3(14)2R-55	SHEET NUMBER C.1

100-4A 10-29-02

NCE INFORMATION

Description

18 IN. DIA.

tion.

ional information.

cretionary amount for granular shoulder repair.

8 IN. DIA.

ion. , 12 IN. DIA. CK SEDIMENT CONTROL DEVICE ion

105-4 10-18-11

ROAD PLANS

y to construction work on this project. Title

ed Pipe

ol Devices

ane)

232-11 10-19-21

EROSION CONTROL

(STABILIZING CROP SEEDING)

Area to be seeded is estimated to be less than 1 acre. If the contractor determines the area exceeds 2 acres, notify the Engineer. Approved quantity in excess of 2 acres will be paid for as extra work according to Article 1109.03, B of the Standard Specifications.

If outside of permanent seeding dates in Section 2601 of the Standard Specifications, or if required by a storm water permit, place stabilizing crop, fertilizer, and mulch on the disturbed area as follows:

Place seed and fertilize according to the requirements of Article 2601.03, C, 1 and Section 4169 of the Standard Specifications.

Place mulch according to the requirements of Articles 2601.03, E, 2, a and 4169.07, A of the Standard Specifications.

Preparing the seedbed, furnishing and applying seed, fertilizer, and mulch are incidental to mobilization and will will not be paid for separately.

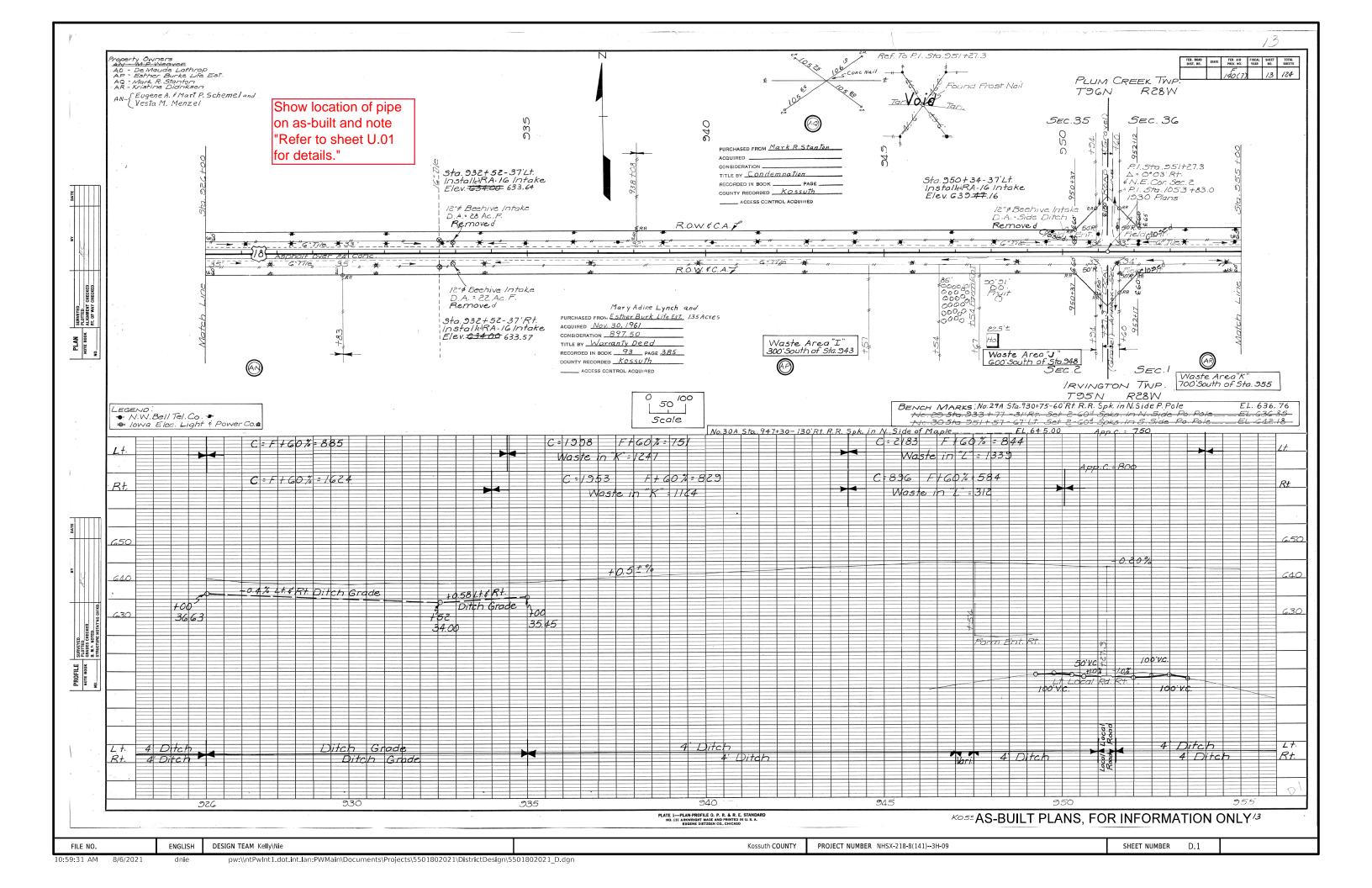
																E	KISTI	NG P	AVEME	NT				1				
No.			Locati				Year	Turno		Decid	oct N	mhon		Sur	face	1	Base		Subbas	e	Re	emovai	1			Coar	rse Agg	regate
NO.	County	Route	Dir. of Travel	Begin Re Loc. Sig		nd Ref. oc. Sign		Туре	pe Project Number			Туре	Depth IN	Туре	Depth IN	<u> </u> ту	/pe	Depth IN	Туре	0	Depth IN			Source		T		
	55 55 55 55	18 18 18 18		131.9 131.9 131.9 131.9	4	138.36 138.36 138.36 138.36	1922 1960 1974 1987		F-1 FN-	-140 130(5) -18-3(29 -18-3(59				PCC AAC ASC AAC	8 1.5 1 5.5	ACC	1.							BRADG				C.LS
* Not 1 Dian 2 UNCL 3 Back	:h of uncla: a bid item neter or equ . = Unclass: fill accord	uivalent	diameter				-	P = Reir	nforce	d Concr			LC	CP = Arch c		.cal Low (CONTR 21 Arch F		FOR					
Drainage Area	Location	Туре	Pi	Length New Cor	Bedding Class		Uder (DR-102) ON ON		(DR-213) Elbow*	(DK-141) Diaphragm* (DR-501)	Tee Section (DR-142)	"D" Section (DR-141)	Reducer*	Type 'C' Connections* (DR-122)	Connected Pipe Joint* (DR-121)	4" Perforated Subdrain*			Line				Dimen: Lin.	Ft.		Skew Ahead Degrees	Rt.	Locat
ACRE			IN				FT IN	OUT No	. No.	. No.	No.	No.	No.	Type No.	Туре	FT	Lt.	Rt.	Other	01	her l	Tot t.	al Rt.	Exter Lt.	Rt.	Lt. Rt.	Lt.	Stat
	Road Id	entificat	cion	Location	Beg: Stat:		End Station	ı	ide /Rt.	L	Ref	W FT		01 and Det Type 1 ock Ditch Check		rosion Cc Type 3 Rock Flume		e 4 Splash	Type Rock Sl Protect	ope	Mater Eng. Fabric SY	Cl Rev	Bid Qua ass E vetment TON	Ero: Sto	sion one ON	Rema	rks	_
Begin S		tion End Stati			Per: Lengt Dia	imeter a th of In:	and Slope stallation n Dia 20 i	Possit	ole St	andards Ditcl	: EC- h Che Insta	204 ck allati	on	NT CO	NTROL		CES			10-	00-19 19-21							

102-5 04-18-17

		Reinforcement					
Туре	Durability Class	Туре	Remarks				
LST			HOT SAND MIX				
LST.							

								104-3 10-17-17
Dike	2		Class 20	Flowable Mortar	Floodable* Backfill	Porous* Backfill	↓ Flooded Backfill	Remarks
ocation tation	Top Elevation	Туре	CY	CY	(A) CY	(B) CY	(A+B) CY	

)2R-55	SHEET NUMBER	C.2

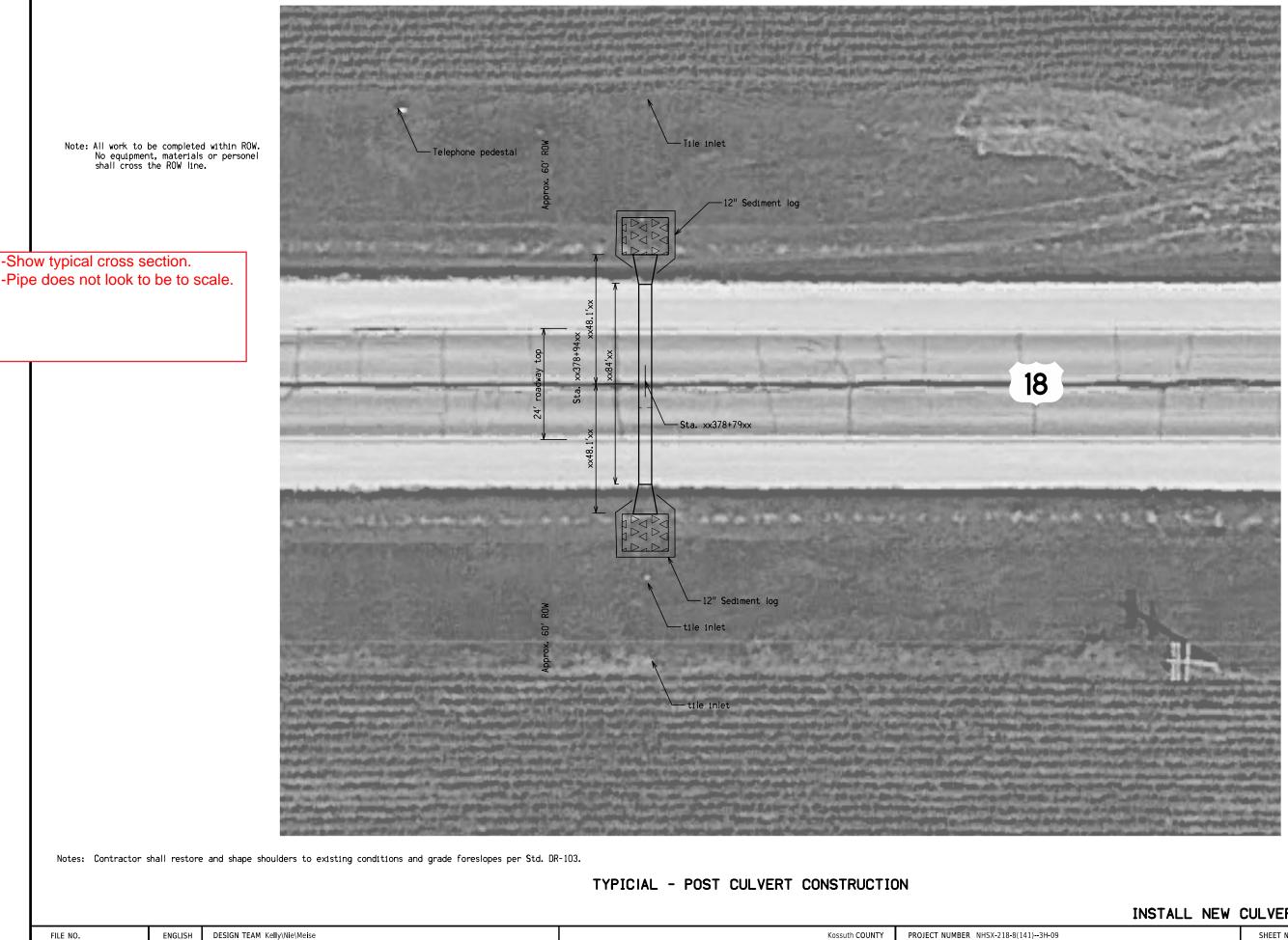


									511	TRAVEL R	ESTRICTIO	DNS		
Route	Directio	on C	ounty			Location Descrip	ption		Fe	eature Crossed		Object Type	Maint. Bridge No., Structure ID, or FHWA No.	, Type of Restrictio
				None										
					111-01								108	3-23A
	COOPD	τνλτει		و ATIONS	111-01 4-17-12				TRAFF	IC CONTRO	L PLAN		08-	01-08
Other work	in progres	s during t	he same pe	riod of time wil	1	Eastbound and	Westbound US 18 1	anes will be						
operations	e construct with those	ion of the of other	projects contractor	listed. Coordina s working within	te the	TC-213 m	nay be used fo	or intermitt	ent lane clo		eded			
same area.	Project			Type of Work										
NHSN-169-8	8(65)2R-5	5	Pipe Jack	ing- Tied Projec	÷ŧ									
			Pipe Cu	ulvert										
			-											
FILE NO.		ENGLISH	DESIGN	TEAM Kelly	Nie						KOSSUTH	COUNTY PROJECT	NUMBER NHSN-0	18-3(114

108-25 10-21-14

f ion	Existing Measurement	Construction Measurement	Construction Measurement as Signed	Projected As Built Measurement	Remarks	

4)2R-55	SHEET NUMBER	J.1



dnie

Benchmark: xxdescriptionxx -Elevation = xxxx.xx'

Sta. xxx+xx D.A. = 100 Acres

Install xx" x xx' RCP w/ aprons Flowline Lt. = xxxx.xx' Flowline Rt. = xxxx.xx'



INSTALL NEW	CULVERT @	STA :	378+79
	SHEET NUMBER	U.1	