










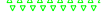















































































SURVEY SYMBOLS		
	SI Sign	 F03 - FOC Underground Fiber Optic Co. 3
	TDC Tree Deciduous	 TFR Tree Fruit
	TEV Evergreen Tree	 WV Water Valve
	D Centerline Draw or Stream (Down)	 WLA Underground Water Line Co. 1
	PPA Power Pole Co. 1	 DU Centerline Draw or Stream (Up)
	LP L.P. Tank	 RIP Rip-Rap
	FWD Wood Fence	 GAS Underground Gas Co. 1
	FCL Chain Link and Security Fence	
	LUM Luminaire	
	MH Utility Access (Manhole)	
	FLG Flag Poles	
	EW Edge of Water	
	SHR Shrub	
	RET Retaining Walls	
	DIK Centerline of Dike or Dam	
	GDL Guard Rail (Rail and Cable)	
	HDG Hedge Row	
	WM Wind Mill	
	TV Satelite TV Dish	
	FW Wire Fence	
	TPD Telephone Pedestal	
	UB Utility Box	
	TIL Tile Line	
	OUT Tile Outlet	
	BIN Grain Bin	
	MM Mile Marker Post	
	INB Storm Sewer Beehive Intake	
	EB Electrical Box	
	WEL Well	
	WHD Water Hydrant	
	SEP Septic Tank	
	AST Above Ground Storage Tank	
	CIS Cistern	
	UST Underground Tank	
	GP Guard Post (Less Than 4 Posts)	
	IN Storm Sewer Intake	
	TLC Underground Telephone Line Co. 3	
	FOA Underground Fiber Optic Co. 1	
	FOE Underground Fiber Optic Co. 2	
	TLB Underground Telephone Line Co. 2	
	TLA Underground Telephone Line Co. 1	
	ELA Underground Electric Line Co. 1	
	BB Billboard	
	SL Speed Limit Sign	
	SAA Sanitary Sewer Line Co. 1	
	FHD Fire Hydrants	
	TLD Underground Telephone Line Co. 4	
	FOD Underground Fiber Optic Co. 4	

UTILITY LEGEND	
	MidAmerican Energy Company Steven Fisher 223 Iowa Street Sioux City, IA 51110 712-233-4834 sefisher@midamerican.com
	Qwest Steven Parker 7404 N 78th Street Building A Omaha, NE 68122 507-285-2335 steven.parker4@qwest.com
	Frontier Communications Bob Hudson 2573 Chamberlain Drive Denison, IA 51442 712-263-5222 robert.hudson@frontiercorp.com
	Western Iowa Telephone Phil Robinson 202 Cedar Street Lawton, IA 51030 712-944-5711 phil.robinson@wiatel.com
	Schaller Telephone Company Missy Kestel 111 West Second Street Schaller, IA 51053 712-275-4211 allison@schaller.net
	FiberComm Mike Massey 1605 9th Street Sioux City, IA 51101 712-224-2020 info@fibercomm.net
	Iowa Network Services Jeff Klocko 4201 Corporate Drive West Des Moines, IA 50266 515-830-0445 jeff@netins.com
	PAETEC (formerly McLeod USA) Timothy Fickinger 3630 109th Street Urbandale, IA 50322 515-309-1135 timothy.fickinger@paetec.com
	Knology Scott Schroeder 5100 S Broadband Lane Sioux Falls, SD 57108 605-965-9355 scott.schroeder@knology.com
	Cass County Rural Electric Coperative Ronald Kunkel 1495 Humbolt Avenue Exira, IA 51666 712-873-3125 rjkunkel@netins.net
	City of Atlantic Pat Langschwager 312 Driftwood Street Atlantic, IA 51016 712-372-4791 atlantic@ruralwaves.us
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	City of Atlantic Pat Langschwager 312 Driftwood Street Atlantic, IA 55551 712-372-4791 atlantic@ruralwaves.us

PLAN VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS			
LINEWORK	Design Color No.		
Green	(2)		Existing Topographic Features and Labels
Blue	(1)		Proposed Alignment, Stationing, Tic Marks, and Alignment Annotation
Magenta	(5)		Existing Utilities
SHADING	Design Color No.		
Tan	(8)		Proposed Sidewalk Shading
Blue, Light	(230)		Proposed Sidewalk Landing Shading
Pink	(11)		Proposed Sidewalk Ramp Shading
Yellow	(4)		Highlight for Critical Notes or Features
Red	(3)		Delineates Restricted Areas
Lavender	(9)		Temporary Pavement Shading
Gray, Light	(48)		Proposed Pavement Shading
Gray, Med	(80)		Proposed Granular Shading
Gray, Dark	(112)		Proposed Grade and Pave Shading
Brown, Light	(236)		Grading Shading

RIGHT-OF-WAY LEGEND	
	Proposed Right-of-Way
	Existing and Proposed Right-of-Way
	Easement and Existing Right-of-Way
	Borrow
	Easement (Temporary)
	Easement
	Excess
	Access Control

SIDEWALK LEGEND AND SYMBOL INFORMATION SHEET			
(COVERS SHEET SERIES S)			

ENGLISH	IOWA DOT	DESIGN TEAM	Project Manager\Designer	CASS COUNTY	PROJECT NUMBER	NHSX-21-3(69)--5H-32	SHEET NUMBER	S.1
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