

INDEX OF SHEETS	
No.	DESCRIPTION
A Sheets	Title Sheets
A.1	Title Sheet
A.2	Location Map Sheet
B Sheets	Typical Cross Sections and Details
B.1	Typical Cross Sections and Details
D Sheets	Mainline Plan and Profile Sheets
D.1	Plan & Profile Legend & Symbol Information Sheet
D.2 - 8	IA-14
J Sheets	Traffic Control and Staging Sheets
J.1	Traffic Control Plan
J.2	Detour Sheet



PLANS OF PROPOSED IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM

MARION COUNTY

Unknown Pavement - Grade and Replace

N of Kermit Dr in Knoxville to
N of Co Rd G28

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

Value Engineering Saves. Refer to Article 1105.14 of the Specifications.



REVISIONS

TOTAL	
13	
PROJECT IDENTIFICATION NUMBER	
24-63-014-020	
PROJECT NUMBER	
NHSX-014-3(064)--3H-63	
R.O.W. PROJECT NUMBER	

DESIGN DATA RURAL			
20 30	AADT	3,600	V.P.D.
20 50	AADT	3,900	V.P.D.
20 50	DHV	400	V.P.H.
TRUCKS		12	%
Total Design ESALs		--	

INDEX OF SEALS			
SHEET NO.	NAME	TYPE	BID QUANTITY SHEETS
A.1	X	Primary Signature Block	X
X	X	X	X

Future Event Dates:

NHSX-014-3(063)--3H-63:

D8: 08/04/2026
Bid Letting: 10/20/2026

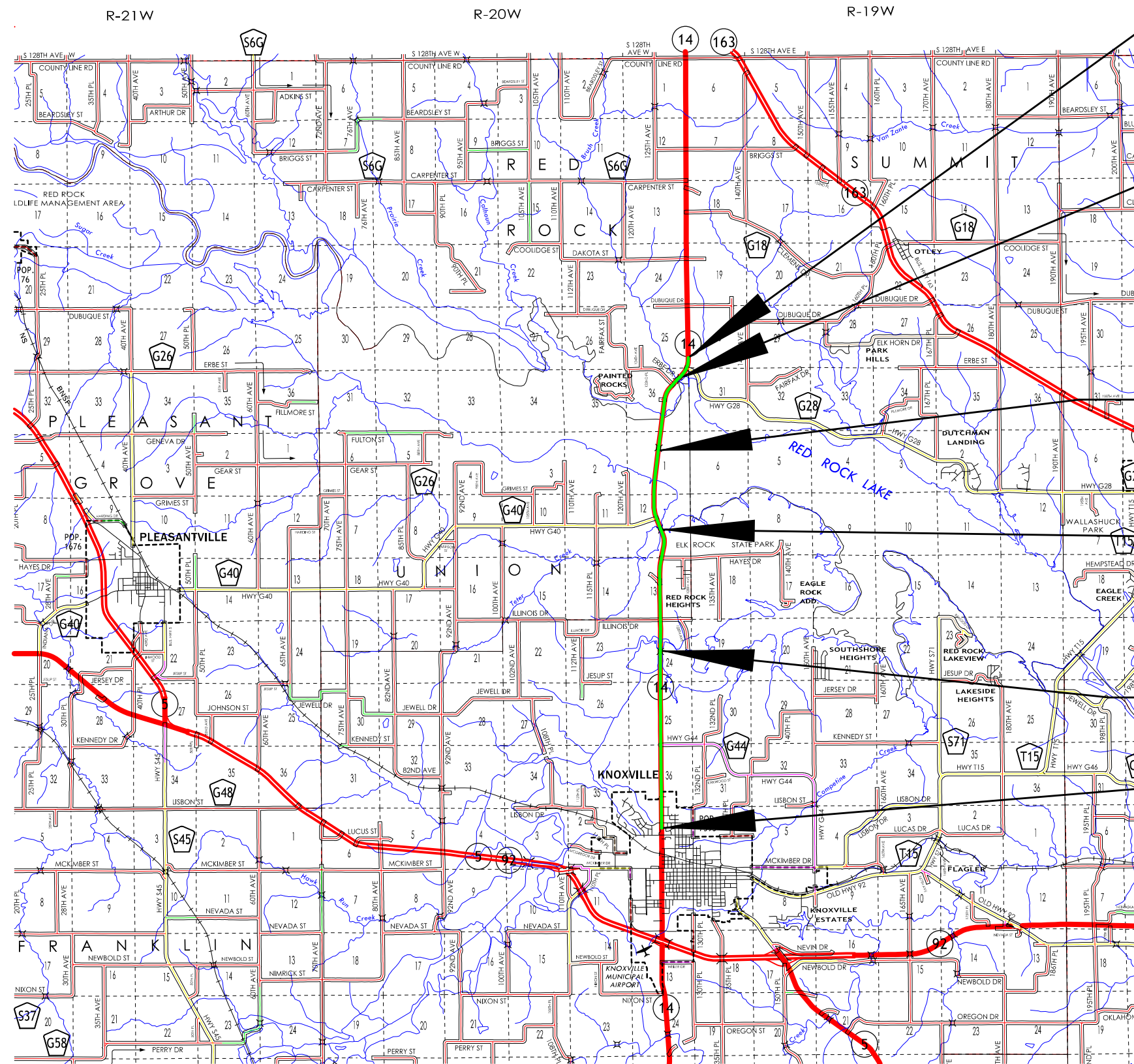
NHSX-014-3(064)--3H-63:

D8: 08/03/2027
Bid Letting: 10/19/2027

PRELIMINARY PLANS

Subject to change by final design.

D5 PLAN - Date: 08/01/2025



END CONSTRUCTION
M.P. 44.7
Station 434+75.00

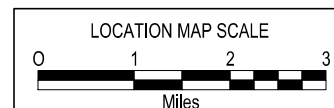
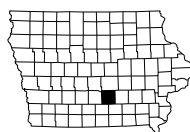
FHWA No. 35210

FHWA No 35200

FHWA No. 35190

FHWA No. 35180

BEGIN CONSTRUCTION
M.P. 52.0
Station 48+28.50



Full Depth PCC Combination Shoulder

Shoulder Jointing:
Longitudinal joint: BT-2, or L-2
Transverse joints: C at 17' spacing

2_C_FullIPCC_ 04-15-25			
STATION TO STATION		(P) Feet	(G) Feet
50+00	168+24.00	6	2
183+95.00	273+65.00	6	2
286+50.00	317+40.00	6	2
382+40.00	406+15.00	6	2
418+00.00	433+85.00	6	2

Full Depth PCC Shoulder

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Transverse joints: C at 17' spacing

2_P_FullIPCC_ 04-15-25			
STATION TO STATION		(P) Feet	
168+24.00	172+24.00	8	
179+95.00	183+95.00	8	
273+65.00	277+65.00	8	
282+50.00	286+50.00	8	
317+40.00	321+40.00	8	
378+40.00	382+40.00	8	
406+15.00	410+15.00	8	
414+00.00	418+00.00	8	

Full Depth PCC Combination Shoulder

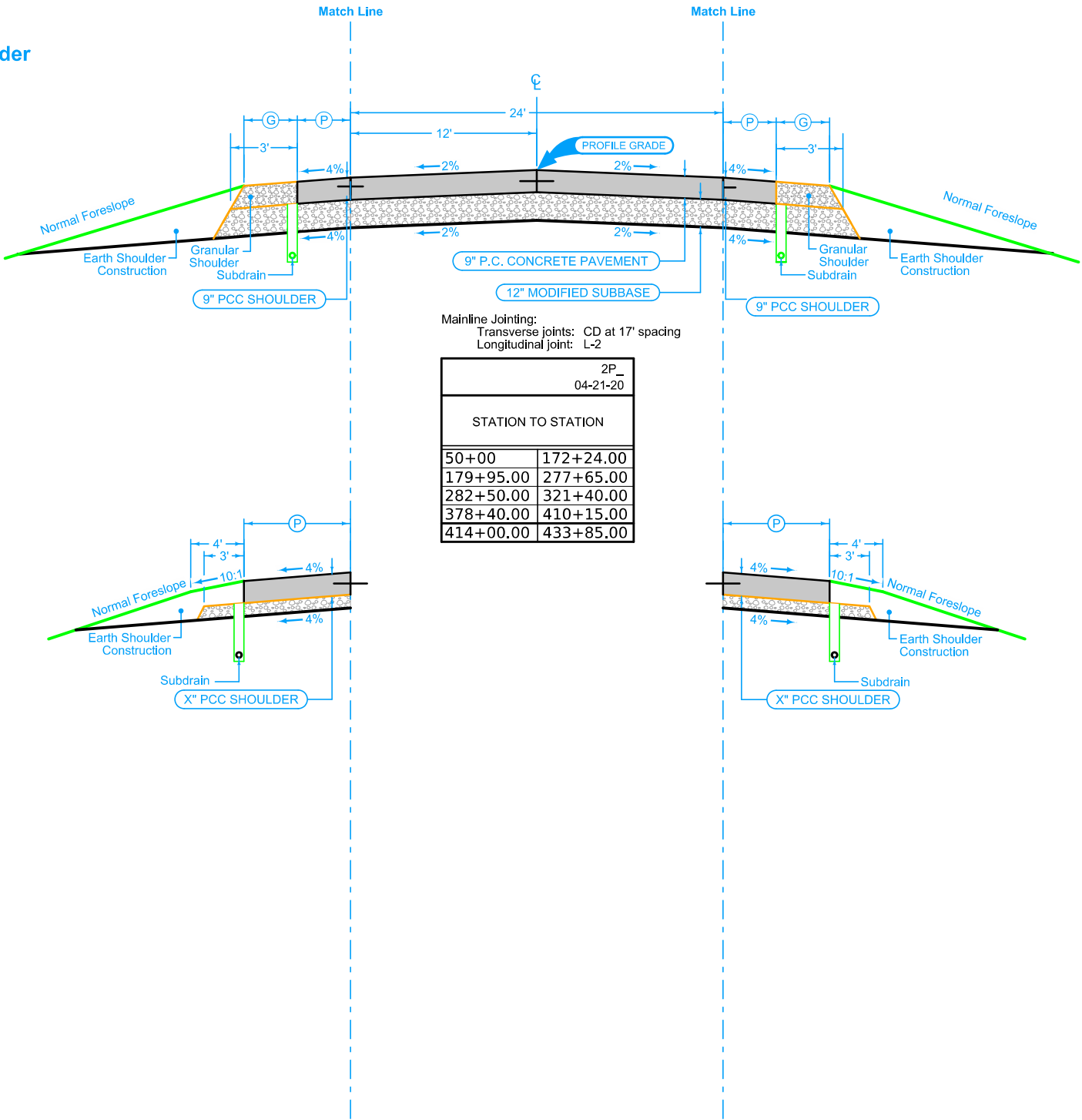
Shoulder Jointing:
Longitudinal joint: BT-2, or L-2
Transverse joints: C at 17' spacing

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STATION TO STATION		(P) Feet	(G) Feet
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406+15.00	410+15.00	8	
414+00.00	418+00.00	8	



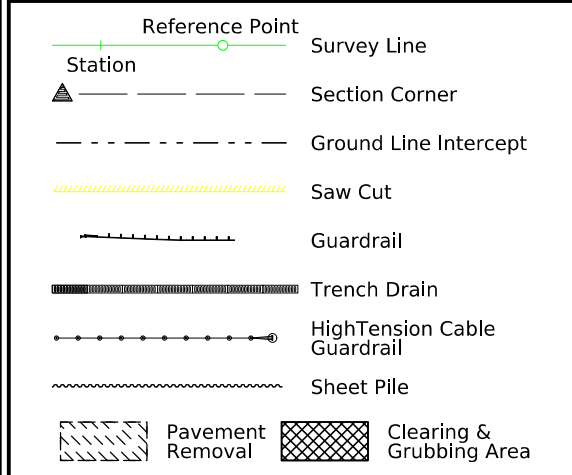
	Interstate Highway Symbol
	U.S. Highway Symbol
	Iowa Highway Symbol
	County Road Highway Symbol
	Evergreen Tree
	Deciduous Tree
	Fruit Tree
	Shrub (Bushes)
	Timber
	Hedge
	Stump
	Swamp
	Rock Outcrop
	Broken Concrete
	Revetment (Rip Rap)
	Cemetery
	Grave
	Cave
	Sink Hole
	Board Fence
	Chain Link or Security Fence
	Wire Fence
	Terrace
	Earth Dam or Dike (Existing)
	Tile Outlet
	Edge of Water
	Existing Drainage
	Right of Way Rail or Lot Corner
	Concrete Monument
	Well
	Windmill
	Beehive Intake
	Existing Intake
	Existing Utility Access (Manhole)
	Fire Hydrant
	Water Hydrant (Rural)

	Septic Tank
	Cistern
	L.P. Gas Tank (No Footing)
	Underground Storage Tank
	Latrine
	Satellite TV Dish
	WHU Water Hook Up
	RT Radio Tower
	TA Tower Anchor
	Guardrail (Beam or Cable)
	GP Guard Post (one or two)
	Guard Post (over two)
	FP Filler Pipe
	GV Gas Valve
	WV Water Valve
	SL Speed Limit Sign
	MM Mile Marker Post
	SIGN Sign
	TCB Traffic Signal Control Box
	RRB Rail Road Signal Control Box
	TSB Telephone Switch Box
	EB Electric Box

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

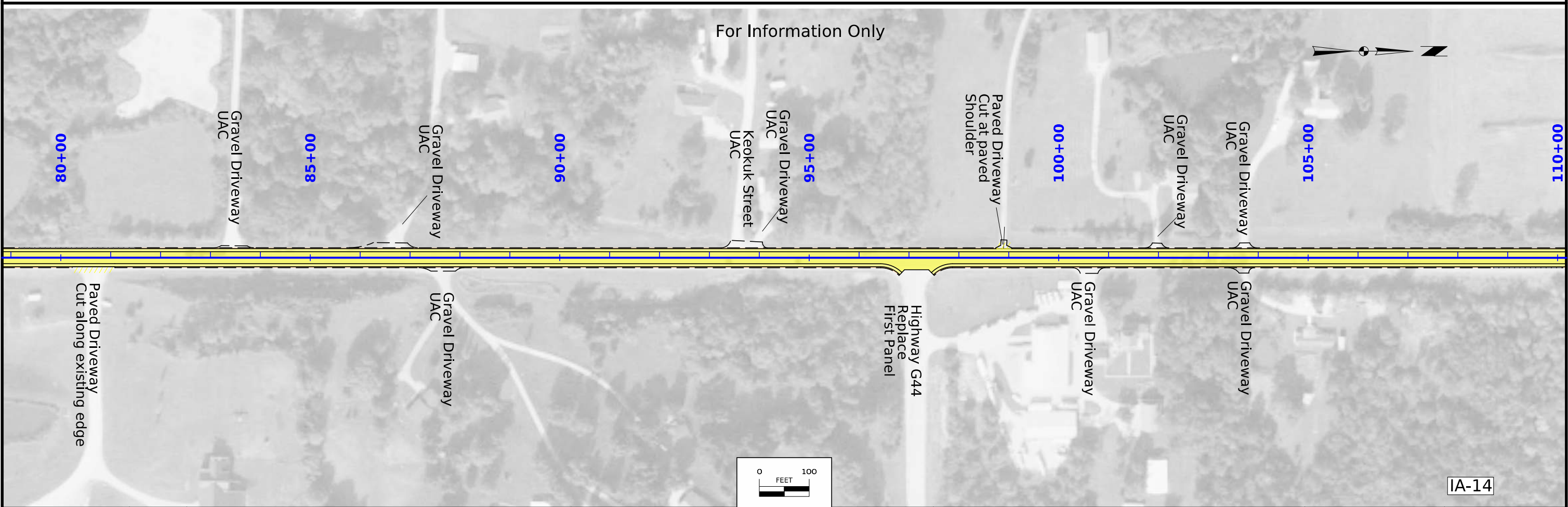
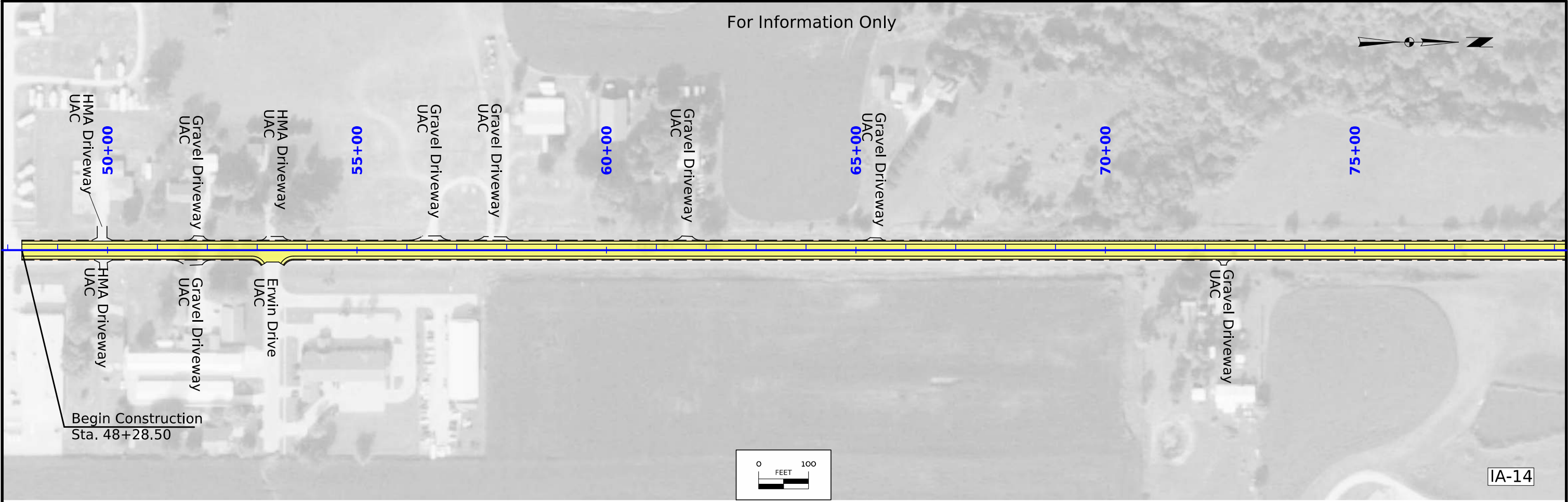
SHADING	Design Color No.	Transparency	
Pink, Dark	(13)	Temporary Pavement Shading	50%
Yellow	(4)	Proposed Pavement Shading	50%
Orange	(6)	Proposed Granular Shading	50%
Orange	(70)	Proposed Shoulder Granular Shading	50%
Yellow	(68)	Proposed Shoulder Paved Full Depth Shading	50%
Yellow	(132)	Proposed Shoulder Paved Partial Depth Shading	50%
Brown, Light	(236)	Grading Shading	50%
Orange, Light	(134)	Proposed Granular Entrance Shading	50%
Yellow	(220)	Proposed Paved Entrance Shading	50%
Tan	(8)	Proposed Sidewalk Shading	50%
Blue, Light	(230)	Proposed Sidewalk Landing Shading	50%
Pink	(11)	Proposed Sidewalk Ramp Shading	50%
Red	(3)	Proposed Structure Shading	50%
Red	(3)	Delineates Restricted Areas	0%

LINEWORK		Design Color No.
Green	(10)	Existing Ground Line Profile
Blue	(1)	Proposed Profile and Annotation
Magenta	(5)	Existing Utilities
Blue, Light	(230)	Proposed Ditch Grades, Left
Black	(0)	Proposed Ditch Grades, Median
Rust	(14)	Proposed Ditch Grades, Right



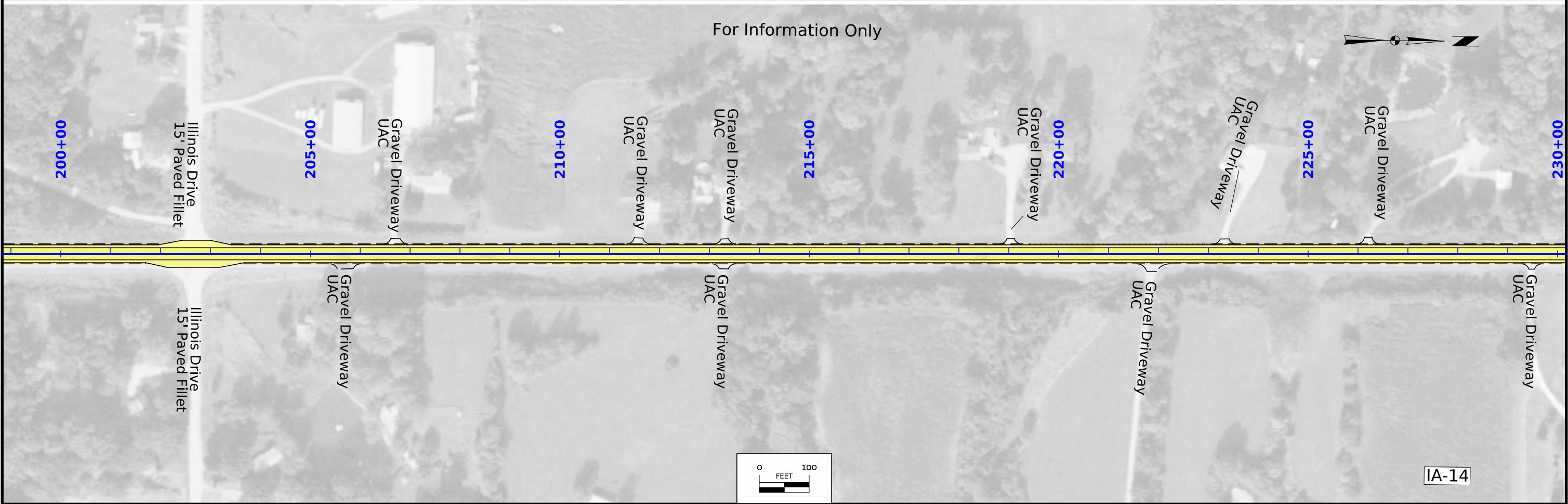
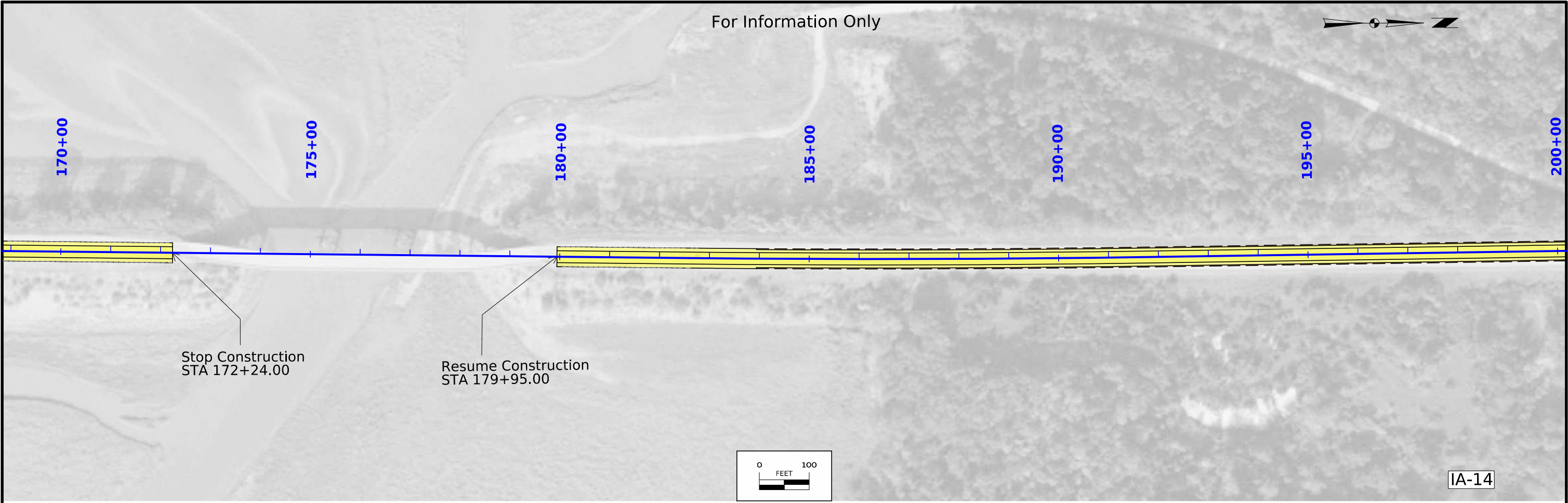
	Proposed Right-of-Way Symbol
	Proposed Right-of-Way Line
	Existing Right of Way
	Existing and Proposed Right-of-Way
	Easement and Existing Right-of-Way
	Easement (Temporary) Symbol
	Easement (Temporary) Line
	Easement
	Access Control
	Property Line Symbol
	Property Line

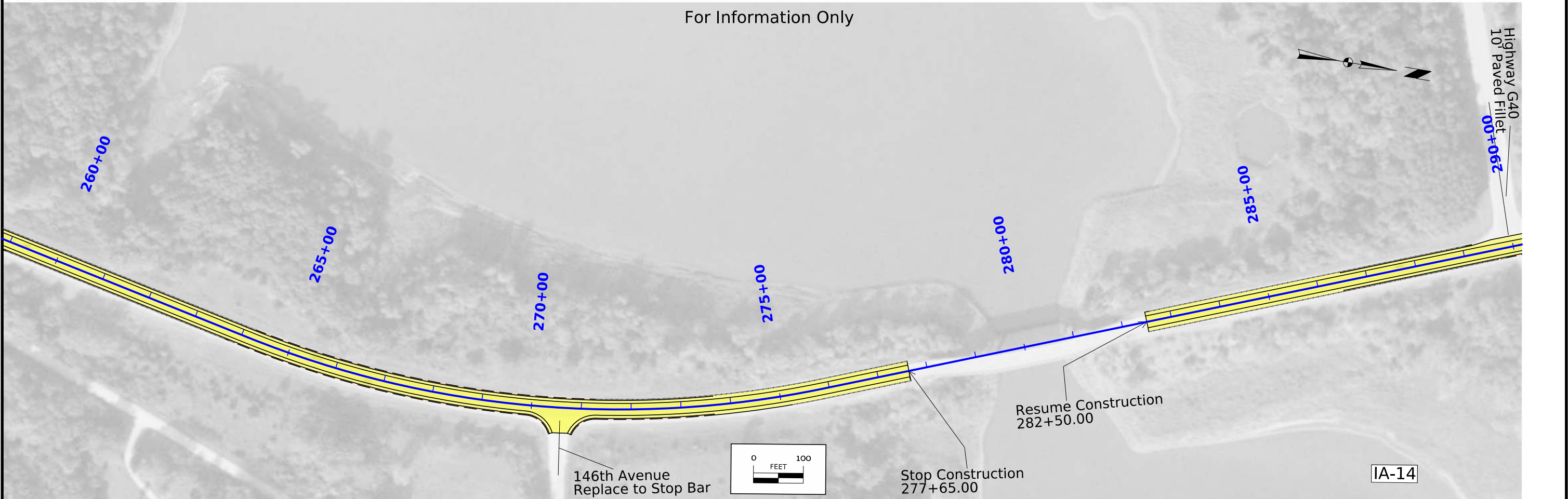
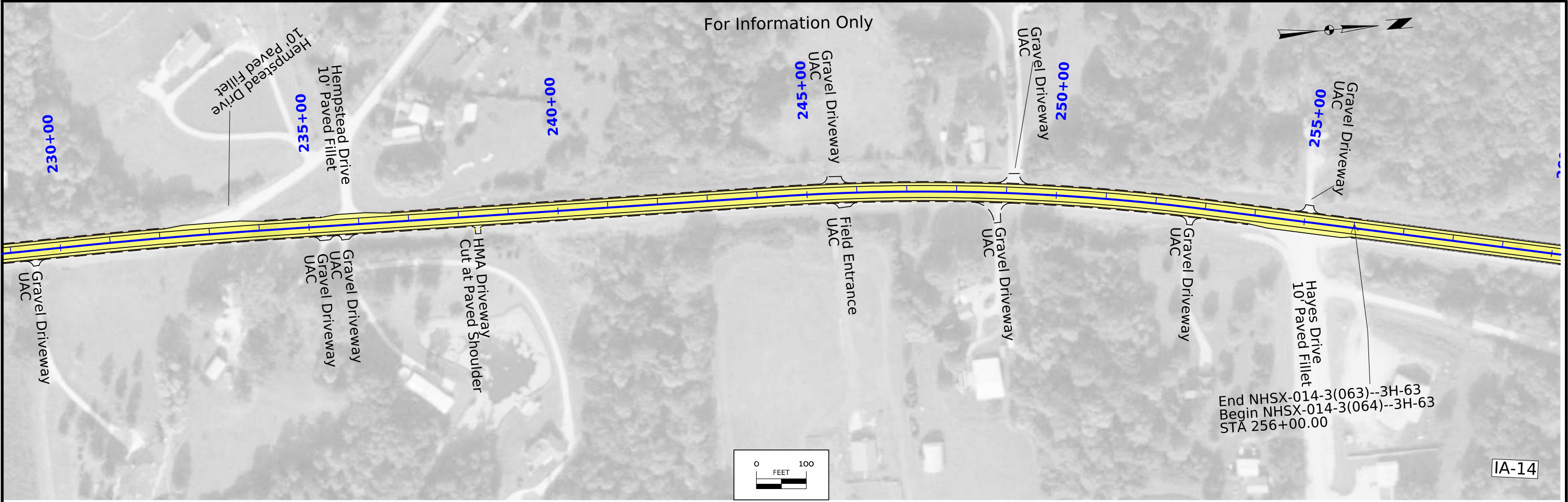
(COVERS SHEET SERIES D, E, F, & K)

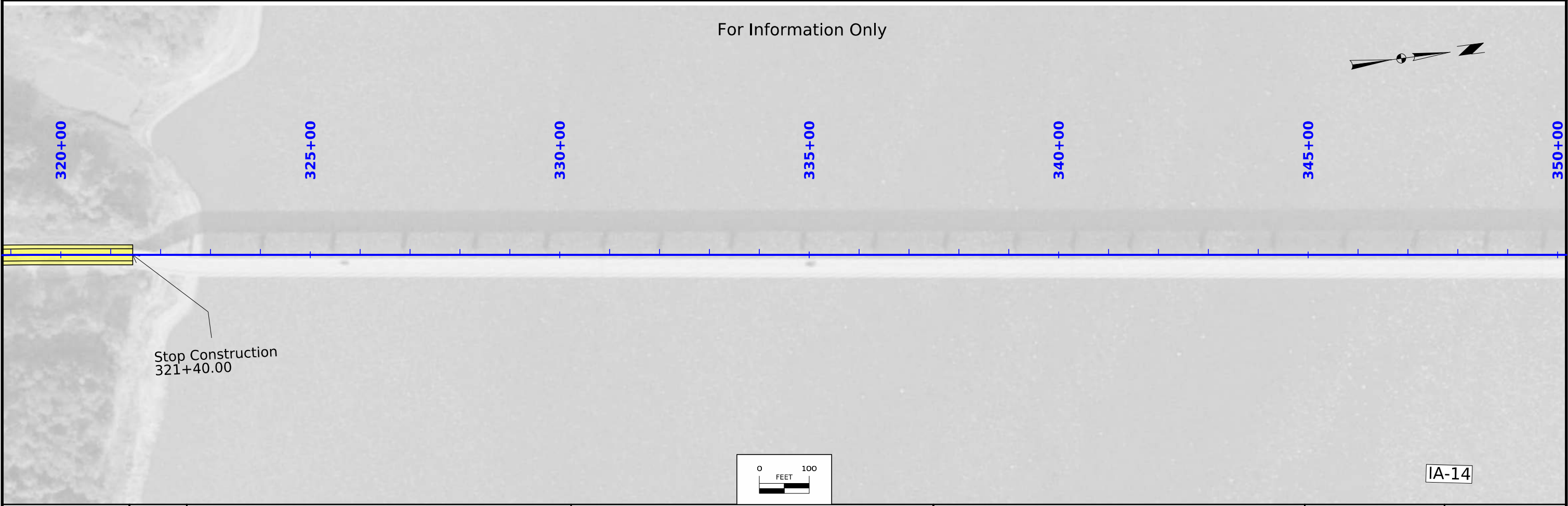
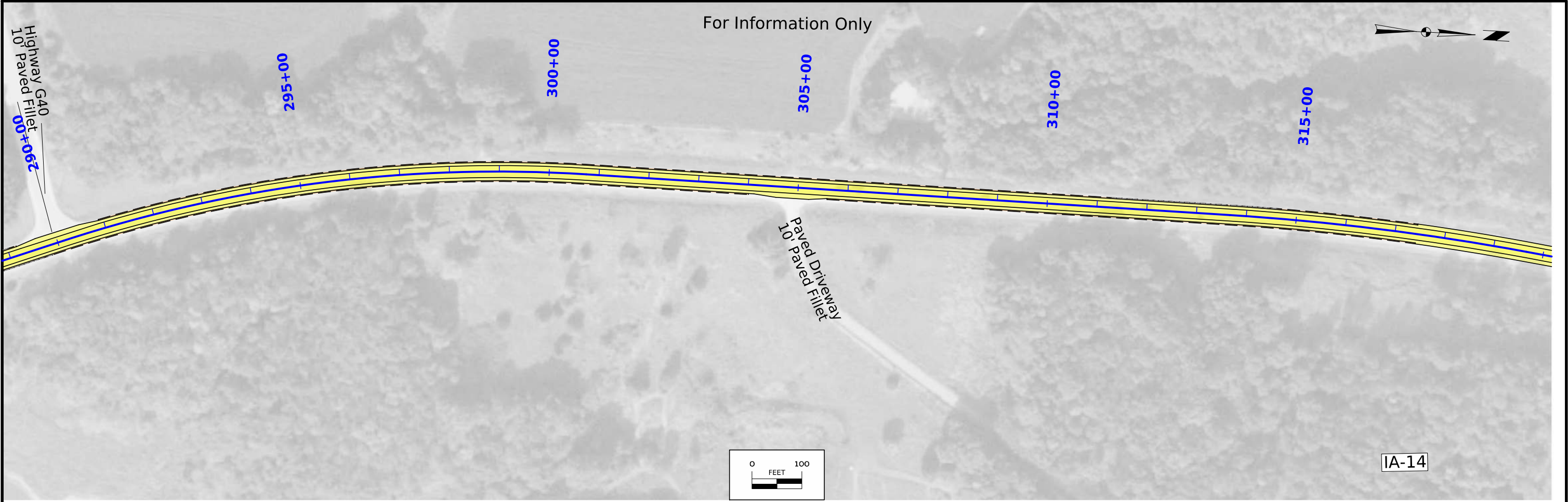


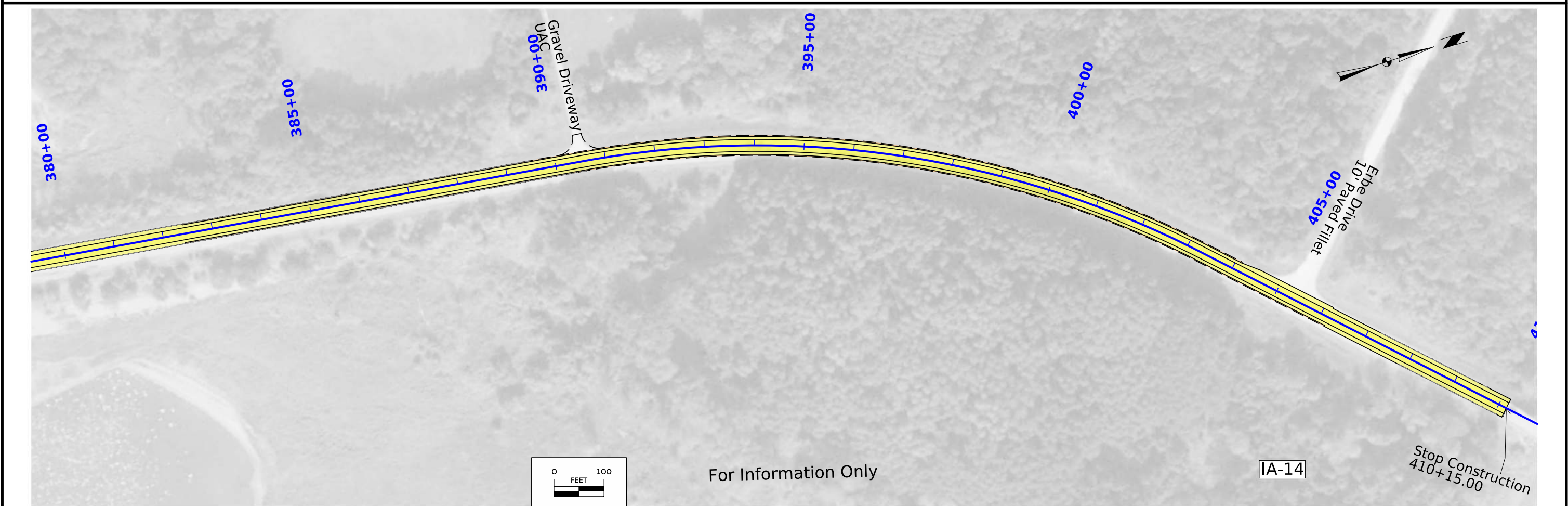
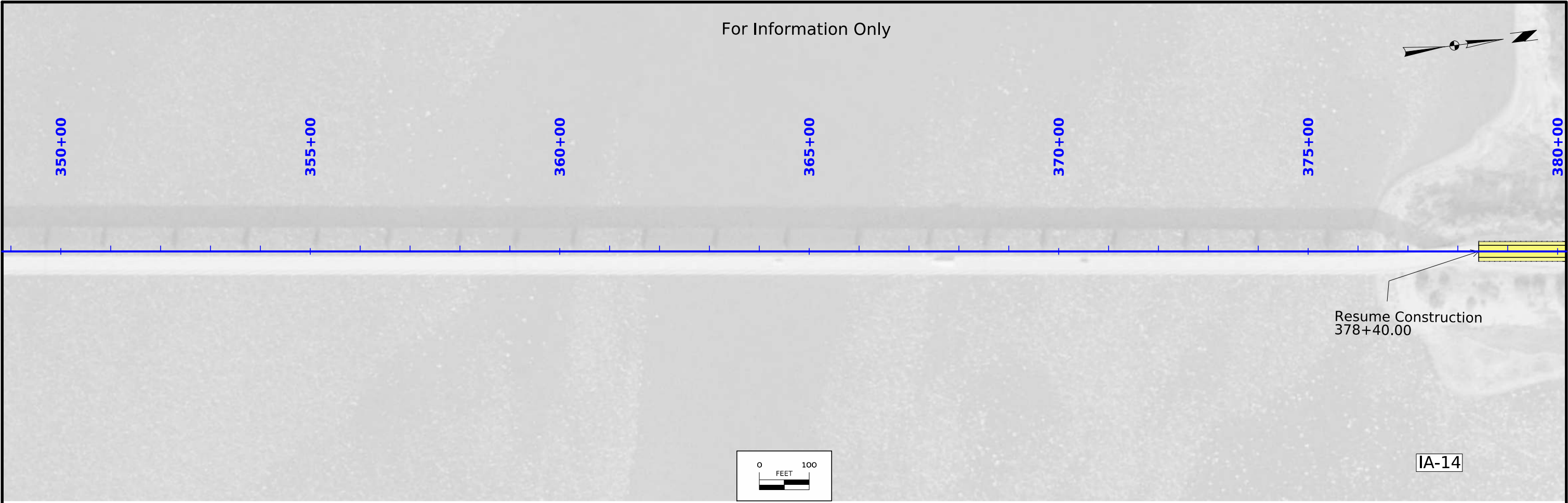
FILE NO.	ENGLISH	DESIGN TEAM	Schrock/Gunderson	MARION COUNTY	PROJECT NUMBER	NHSX-014-3(064)--3H-63	SHEET NUMBER	D.2
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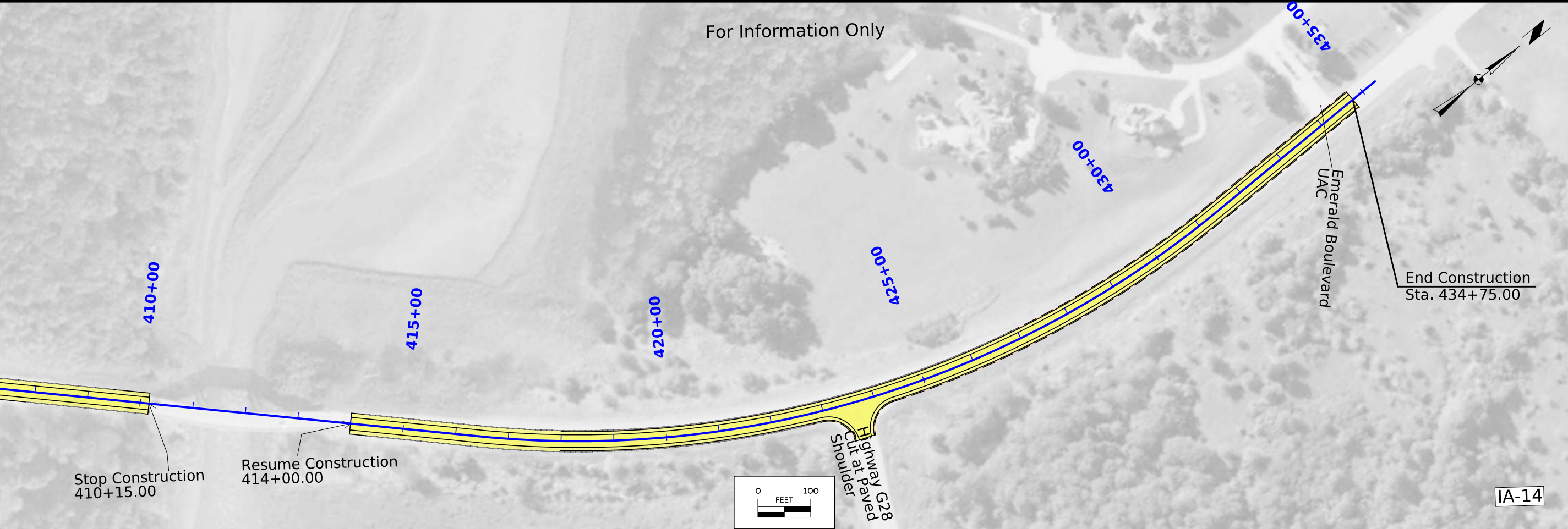












108-23A
08-01-08

TRAFFIC CONTROL PLAN

IA-14 will be closed to thru traffic for the duration of construction.
Staged construction will be necessary throughout both projects in order to maintain access to residences and businesses.

108-25
10-21-14

511 TRAVEL RESTRICTIONS

Route	Direction	County	Location Description	Feature Crossed	Object Type	Maint. Bridge No., Structure ID, or FHWA No.	Type of Restriction	Existing Measurement	Construction Measurement	Construction Measurement as Signed	Projected As Built Measurement	Remarks
				None Anticipated								

FILE NO.

ENGLISH

DESIGN TEAM **Schrock/Gunderson**

MARION COUNTY

PROJECT NUMBER **NHSX-014-3(064)--3H-63**

SHEET NUMBER **J.1**

