

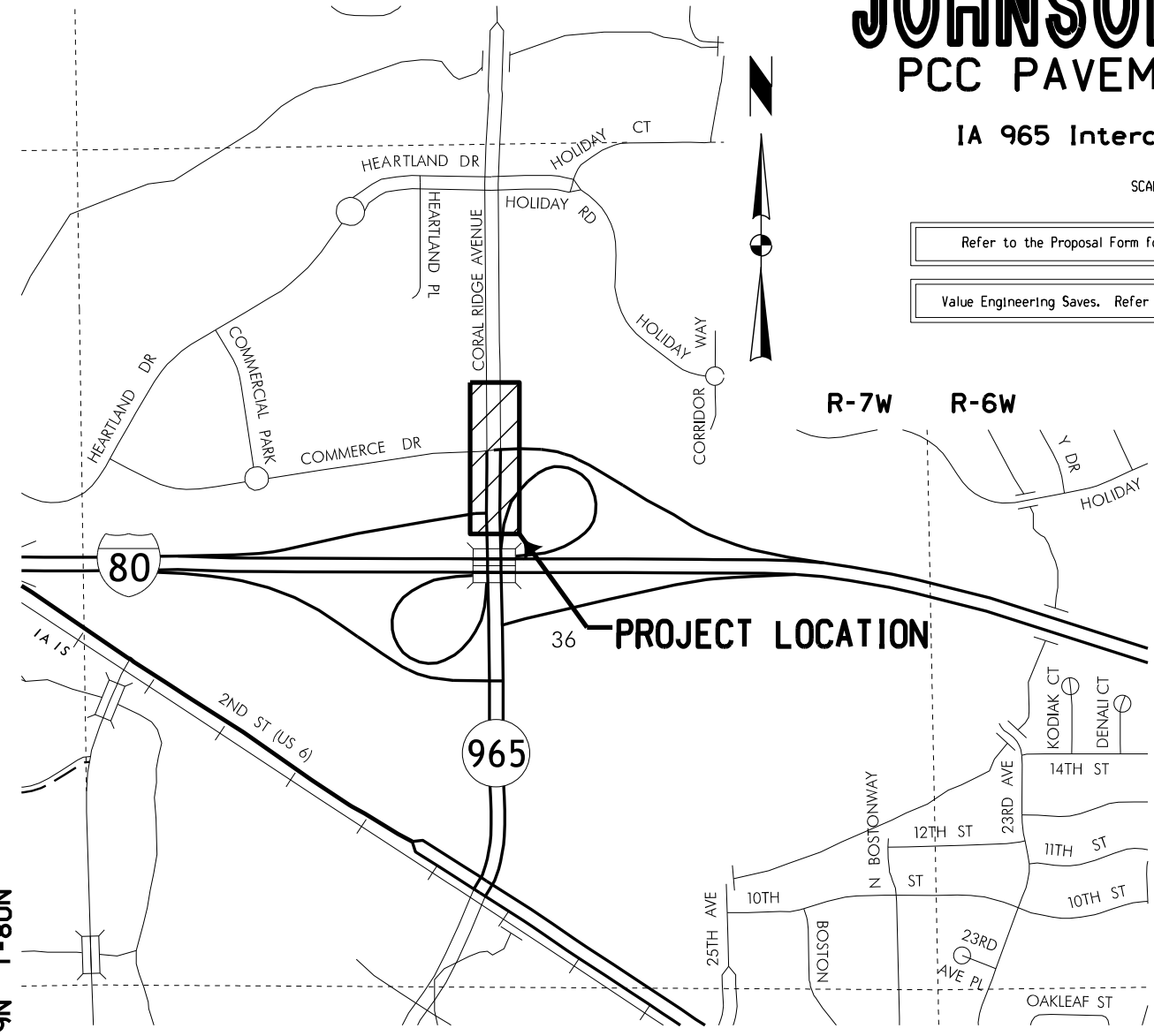
LETTING DATE
 08/15/2017
PCC PAVEMENT WIDENING
IMN-080-6(396)241--OE-52

JOHNSON CO.
 T-79N T-80N



Highway Division
 PLANS OF PROPOSED IMPROVEMENT ON THE
INTERSTATE ROAD SYSTEM
JOHNSON COUNTY
PCC PAVEMENT WIDENING

IA 965 Interchange in Coralville



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 33
PROJECT IDENTIFICATION NUMBER	
16-52-080-040	
PROJECT NUMBER	
IMN-080-6(396)241--OE-52	
R.O.W. PROJECT NUMBER	

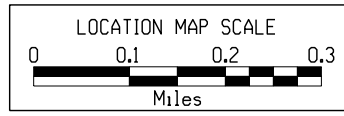
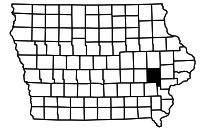
INDEX OF SHEETS	
No.	DESCRIPTION
A Sheets	Title Sheets
A.1	Title and Location Map Sheet
B Sheets	Typical Cross Sections and Details
B.1 - 2	IA 965 / Coral Ridge Ave. & I-80 WB Exit Ramp
D Sheets	Mainline Plan Sheets
* D.1	Plan & Profile Legend & Symbol Information Sheet
* D.2 - 3	IA 965 / Coral Ridge Ave
K Sheets	Interchange Sheets
* K.1	I-80 Ramp A (WB Exit) Plan Sheets
M Sheets	Storm Sewer Sheets
* M.1	Storm Sewer Tabulations
* M.2	Storm Sewer Legend & Symbol Information Sheet
* M.3 - 4	Storm Sewer Plan Sheets IA 965 / Coral Ridge Ave
U Sheets	500 Series, Mod.Stds. and Detail Sheets
U.1	Landscape / Brick Paver Areas
U.2	Brick Paver Area Geometrics
U.3	NE Quadrant Special Pavement Shaping Detail
W Sheets	Mainline Cross Sections
W.1 - 7	IA 965/ Coral Ridge Ave
X Sheets	Side Road Cross Sections
X.1 - 8	Radial Cross Sections at Intersection Quadrants
Y Sheets	Ramp Cross Sections
Y.1 - 4	WB Exit Ramp
* Color Plan Sheets	

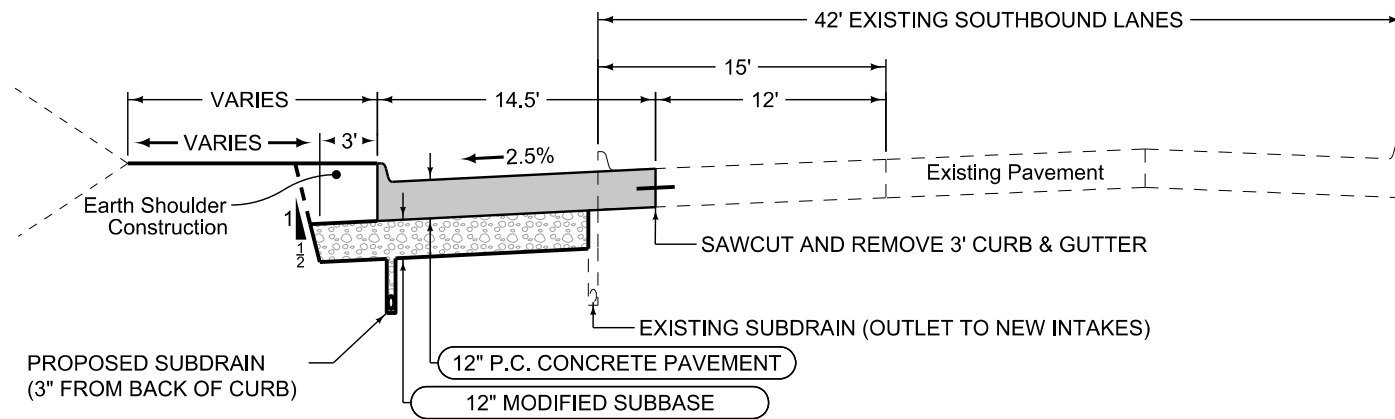


DESIGN DATA URBAN			
20--	AADT	--	V.P.D.
20--	AADT	--	V.P.D.
20--	DHV	--	V.P.H.
	TRUCKS	--	%
	Total		
	Design	ESALs	--

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

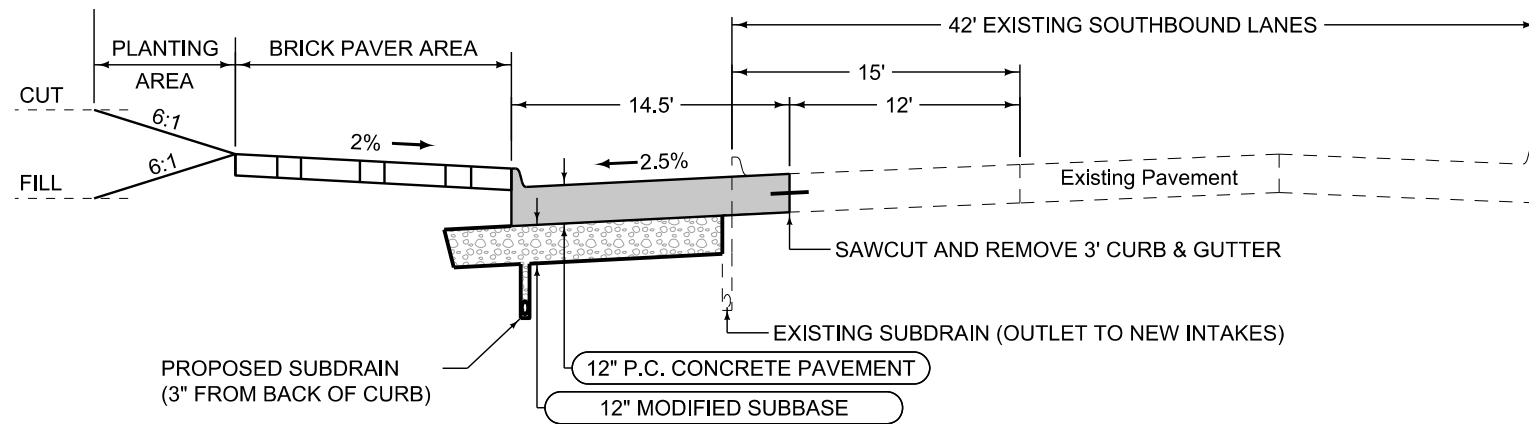
D5 PLAN - Date: 3/9/2017





AUXILIARY LANE (WITH DITCH)

Longitudinal joint: BT-3
 Transverse joint: CD Match Mainline Locations

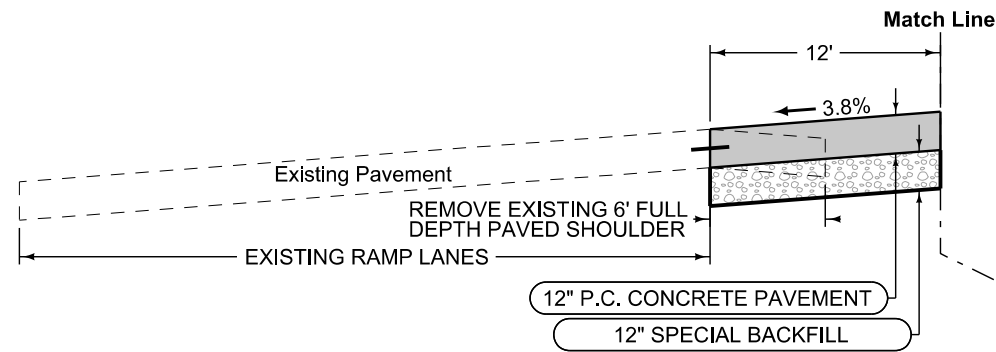


AUXILIARY LANE (WITH LANDSCAPING)

Longitudinal joint: BT-3
 Transverse joint: CD Match Mainline Locations

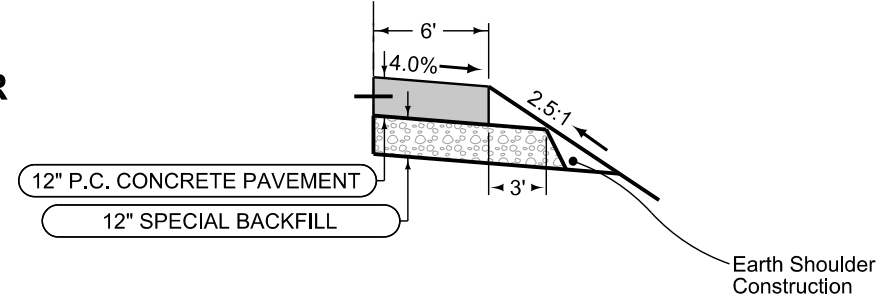
See Tab 100-24 for pavement quantities.
 See Tab 112-9 for shoulder quantities.

**SOUTH BOUND IA 965 / CORAL RIDGE AVENUE
 TYPICAL CROSS SECTION
 PCC RIGHT TURN LANE WITH CURB**



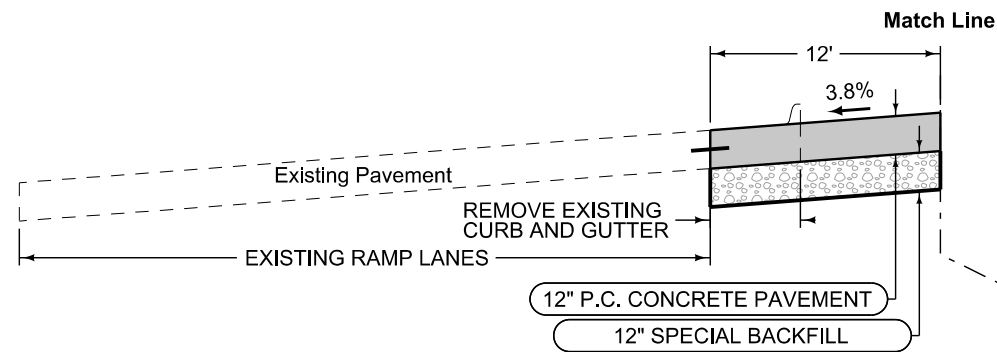
AUXILIARY LANE WITH PAVED SHOULDER

Longitudinal joint: BT-3
 Transverse joint: CD Match Existing Locations



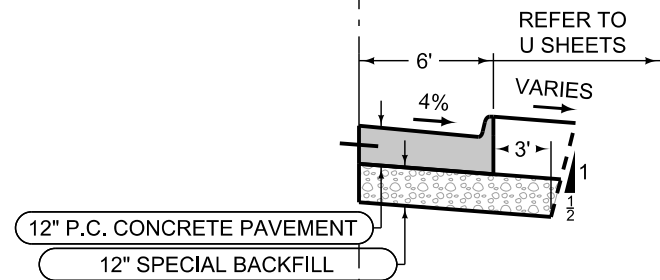
FULL DEPTH SHOULDER

Shoulder Jointing:
 Longitudinal joint: L-2 or KT -2
 Transverse joints: CD Match Existing Ramp Locations



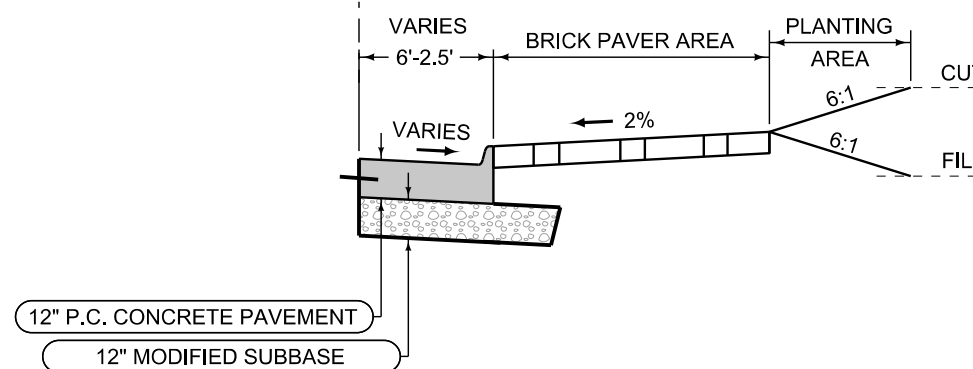
AUXILIARY LANE WITH CURB

Longitudinal joint: BT-3
 Transverse joint: CD Match Existing Locations



CURBED SHOULDER

Shoulder Jointing:
 Longitudinal joint: L-2 or KT -2
 Transverse joints: CD Match Existing Ramp Locations



Section View Is In Direction of Traffic
 See Tab 100-24 for pavement quantities.
 See Tab 112-9 for shoulder quantities.

**I-80 WESTBOUND EXIT RAMP
 TYPICAL CROSS SECTION
 PCC RIGHT TURN LANE**

SURVEY SYMBOLS

	IN intake-grate,curb,umbrella		E1 -- Electric Line Company 1
	MH manhole		E2(C) -- Electric Line Company 2
	TSL traffic signal & lum		E3 -- Electric Line Company 3
	PLG Photo Location General		E3(C) -- Electric Line Company 3
	LUM luminaire		E4(C) -- Electric Line Company 4
	TDC tree deciduous		E5 -- Electric Line Company 5
	FHD fire hydrants		E5(C) -- Electric Line Company 5
	TSG traffic signal		F0(C) -- Fiber Optic Company 1
	TLNR tree line right		F02 -- Fiber Optic Company 2
	S Soil Sampling Site (wetlands)		F03 -- Fiber Optic Company 3
	RET retaining walls		G(C) -- Gas Line
	GU gutter		San. -- Sanitary Sewer Line Company 1
	CU curb or center island		San.(C) -- Sanitary Sewer Line Company 1
	CON concrete or a/c slab		T(C) -- Telephon Line Company 1
	EP edge of paved roads		T2(C) -- Telephon Line Company 2
	D cl of draw or stream		T3(C) -- Telephon Line Company 3
	SH shoulder paved		T4(C) -- Telephon Line Company 4
	SNP Shoulder Non-Paved		T5 -- Telephon Line Company 5
	DU cl of draw upstream		W -- Water Line
	S Soil Sampling Site (wetlands)		
	PIP pipes(cast iron,steel,tile,etc)		
	SI sign		
	EB electrical box		
	TPD telephone pedestal		
	FLG flag poles		
	WV water valve		
	UB utility box		

UTILITY LEGEND

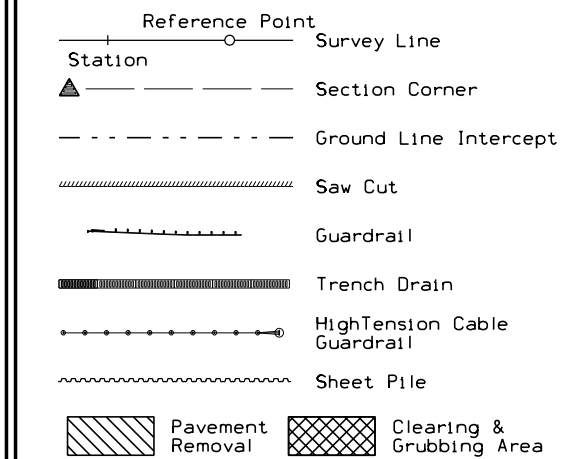
	F0(C) -- CenturyLink (Formerly Qwest) Contact: Dan Shea Office: 319-399-7614 Email: dan.shea@centurylin.com
	E5 -- Iowa Department of Transportation Contact: Travis Nitche Phone: 319-626-2386 Email: travis.nitche@dot.iowa.gov
	E5(C) -- Iowa Department of Transportation Contact: Travis Nitche Phone: 319-626-2386 Email: travis.nitche@dot.iowa.gov
	G(C) -- MidAmerican Energy (Gas Distr.) Contact: Jason Warren Office: 319-341-4425 Email: jlwarren@midamerican.com
	E2(C) -- MidAmerican Energy (Elec. Distr.) Contact: Jason Warren Office: 319-341-4425 Email: jlwarren@midamerican.com
	F02 -- Unite Private Networks LLC (UPN) Contact: Clark Lundy Office: 515-321-3336 Email: clark.lundy@upnfiber.com
	F03 -- Iowa Communication Network Contact: Mike Broderick Office: 515-725-4610 Email: mike.broderick@iowa.gov
	T3(C) -- University of Iowa Contact: George Stumpf (Fiber Optic) Phone: 319-631-1356 Email: george-stumpf@uiowa.edu
	T5 -- IMON Communications Contact: Lennox (Lennie) Marner Phone: 319-261-4640 Email: lenniem@imon.net
	E1 -- Linn County Rec Contact: Kevin Stucker Office: 319-377-1587 Email: kstuck@linncountyrec.com
	E3(C) -- City of Coralville Contact: Dan Holderness Phone: 319-248-1700 Email: dholderness@ci.coralville,ia.us
	San. -- Linn County Rec Contact: Kevin Stucker Office: 319-377-1587 Email: kstuck@linncountyrec.com
	San.(C) -- City of Coralville Contact: Dan Holderness Phone: 319-248-1700 Email: dholderness@ci.coralville,ia.us
	W -- South Slope Cooperative Contact: Mark Ditch Phone: 319-626-2211 Email: mark@southslope.com
	T(C) -- Unknown / Undefined Owners
	T2(C) -- Unknown / Undefined Owners
	E4(C) -- Unknown / Undefined Owners
	T4(C) -- Unknown / Undefined Owners

PLAN VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK	Design Color No.	Description
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.	Description	
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 "In conjunction with a paving project"
Brown, Light	(236)	Grading Shading
Tan	(8)	Proposed Sidewalk Shading
Blue, Light	(230)	Proposed Sidewalk Landing Shading
Pink	(11)	Proposed Sidewalk Ramp Shading

PROFILE VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK	Design Color No.	Description
Green	(2)	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



RIGHT-OF-WAY LEGEND

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

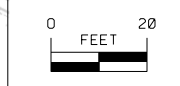
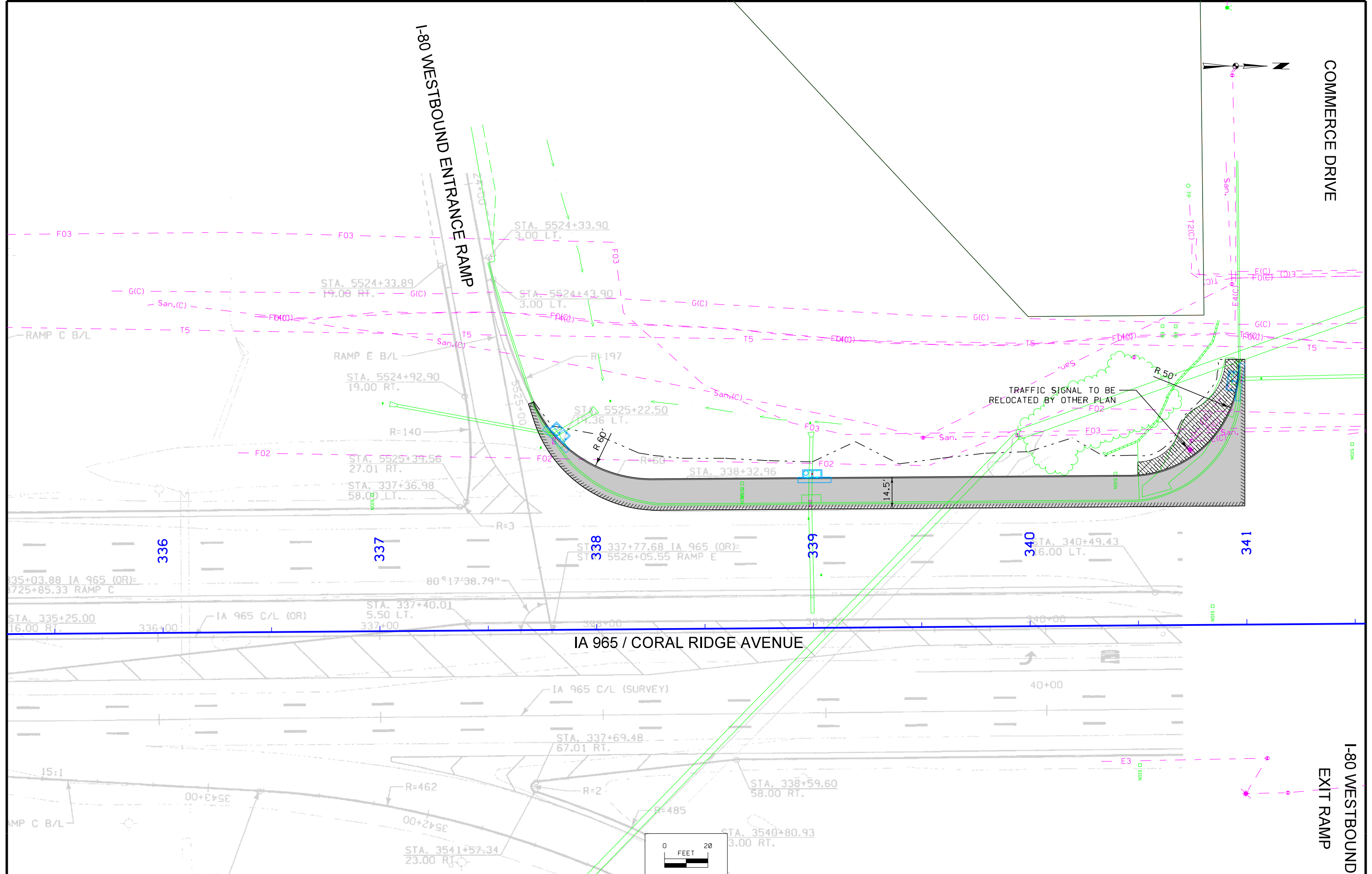
PLAN AND PROFILE LEGEND AND SYMBOL INFORMATION SHEET

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

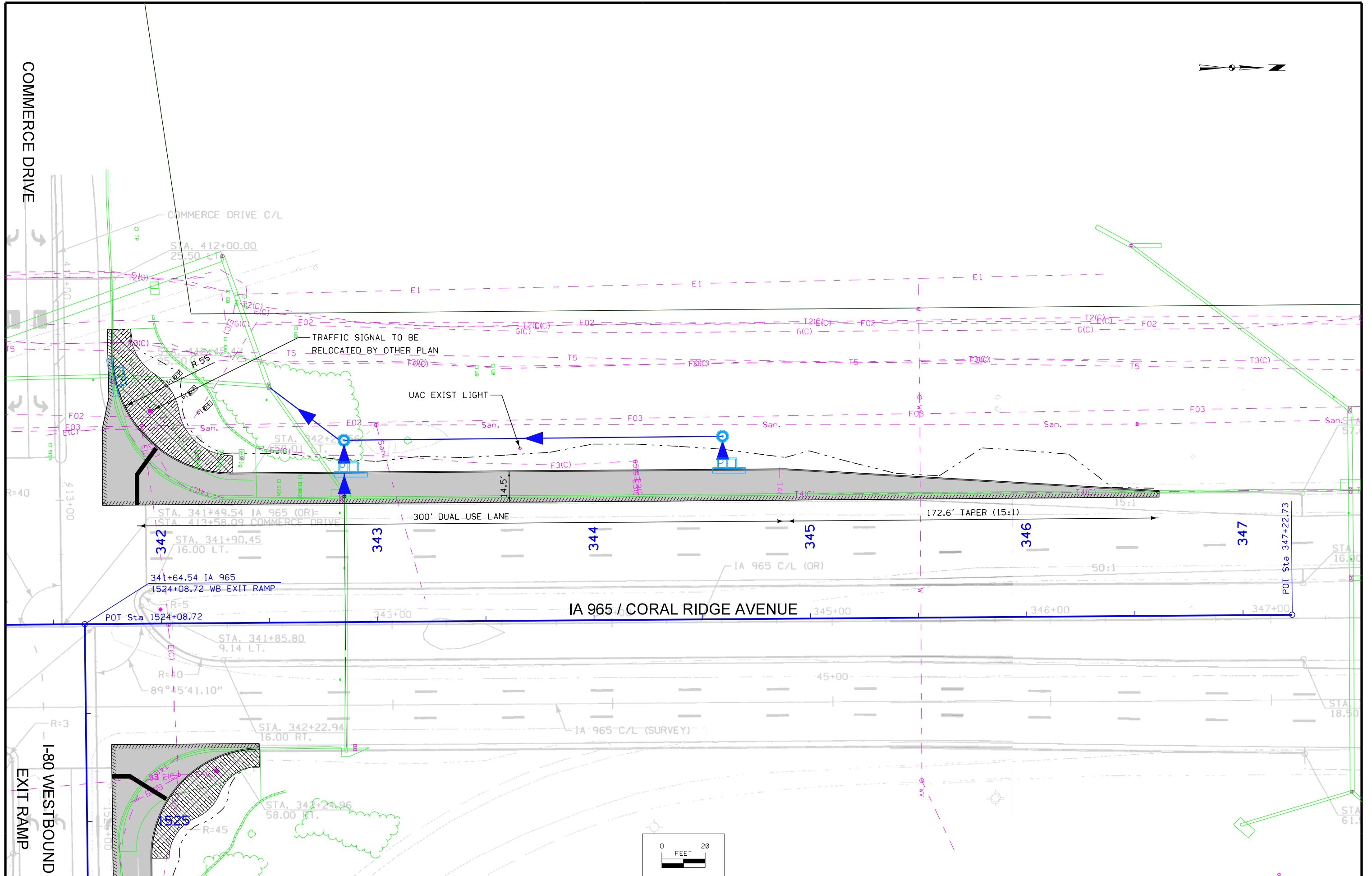
I-80 WESTBOUND ENTRANCE RAMP

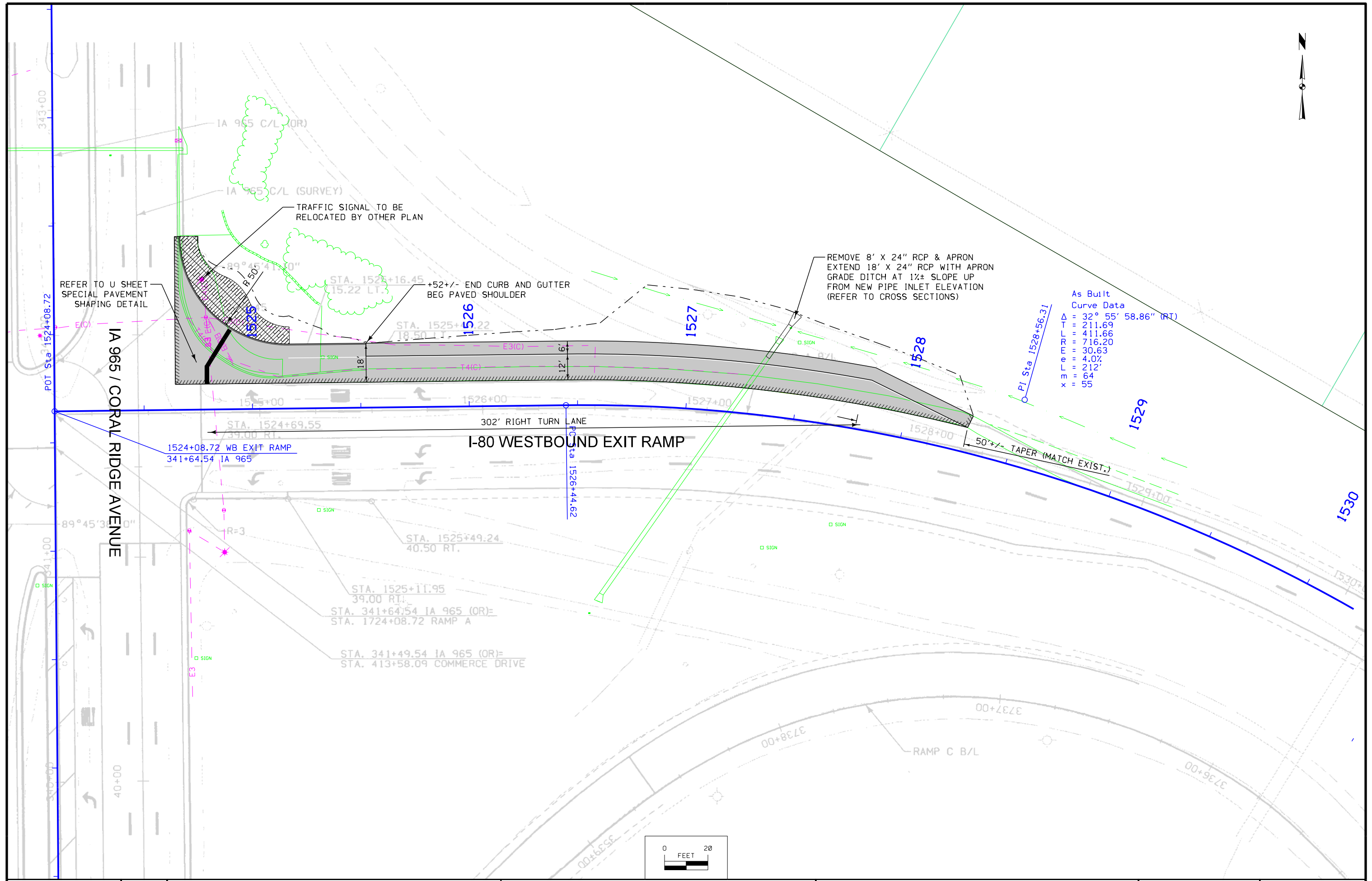
COMMERCE DRIVE

I-80 WESTBOUND
EXIT RAMP

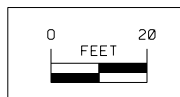


COMMERCE DRIVE





As Built
Curve Data
 $\Delta = 32^\circ 55' 58.86''$ (RT)
 $T = 211.69$
 $L = 411.66$
 $M = 716.20$
 $e = 30.63$
 $f = 4.0\%$
 $x = 212'$
 $y = 55'$



STORM SEWER

① Diameter or equivalent diameter

* Bid Item

** For SW-545

INTAKES AND UTILITY ACCESSES							PIPES														
							Design Length, Slope, and Flowlines are calculated from inside wall to inside wall along CL of pipe. An additional 2 ft length is added to each side of the Design Length to account for estimated length to center of structures.														
No.	Location Station and Offset	*Type or Standard Road Plan	Form Grade	Bottom Well	Extension Length**	Notes	Line Number	Intake/Utility Access No.		Class 'D'	Pipe Size ①	Bid* Length	Design Length	Slope %	Connected Pipe Joint (DR-121)	Flow Lines			Pipe Profile Sheet No.	Notes	
			Elev.	Elev.	FT			From	To							IN	FT	FT			Type
1	337+81, -91.1	SW-510					P-1	1	E1	2000	24	4									NOTE 1
E1	337+80, -86.8	existng																			
2	338+99, -69.3	SW-510					P-2	2	E2	2000	18	4									NOTE 1
E2	338+99, -57.2	existng																			
3	340+98, -114.2	SW-510					P-3	3	E3	2000	18	4		0.5							NOTE 1
E3	340+98, -113.5	existng																			
4C	344+60, -70.0	SW-510					P-4C	4C	4D	2000	18	13	9.0	3							
4D	344+60, -84.5	SW-401					P-4D	4D	4B	2000	18	179	175.0	3.8							
4B	342+85, -84.0	SW-401					P-4B	4B	E4E	2000	18	45	41.0	3							
E4E	342+50, -110.1	existng																			
E4A	342+85, -58.0						P-E4A	E4A	4	2000	18	16	12.0	3							
4	342+85, -69.5	SW-510					P-4	4	4B	2000	18	13	9.0	3							
4B	342+84, -84.0	SW-401																			
5	341+78, -112.4	SW-510					P-5	5	E-5	2000	18	4									NOTE 1
E5	341+80, -111.9	existng																			
																				NOTE 1: Construct intake over existng pipe	

SURVEY SYMBOLS

- IN intake-grate,curb,umbrella
- MH manhole
- TSL traffic signal & lum
- PLG Photo Location General
- LUM luminaire
- TDC tree deciduous
- FHD fire hydrants
- TSG traffic signal
- TLNR tree line right
- S Soil Sampling Site (wetlands)
- RET retaining walls
- GU gutter
- CU curb or center island
- CON concrete or a/c slab
- EP edge of paved roads
- D cl of draw or stream
- SH shoulder paved
- SNP Shoulder Non-Paved
- DU cl of draw upstream
- S Soil Sampling Site (wetlands)
- PIP pipes(cast iron,steel,tile,etc)
- SI sign
- EB electrical box
- TPD telephone pedestal
- FLg flag poles
- WV water valve
- UB utility box

UTILITY LEGEND

- E1 Electric Line Company 1
- E2(C) Electric Line Company 2
- E3 Electric Line Company 3
- E3(C) Electric Line Company 3
- E4(C) Electric Line Company 4
- E5 Electric Line Company 5
- E5(C) Electric Line Company 5
- F0(C) Fiber Optic Company 1
- F02 Fiber Optic Company 2
- F03 Fiber Optic Company 3
- G(C) Gas Line
- E2(C) MidAmerican Energy (Elec. Distr.)
- F02 Unite Private Networks LLC (UPN)
- F03 Iowa Communication Network
- T3(C) University of Iowa
- T5 IMON Communications
- E1 Linn County Rec
- E(C) Linn County Rec
- E3 City of Coralville
- E3(C) City of Coralville
- San. City of Coralville
- San.(C) City of Coralville
- W City of Coralville
- T(C) South Slope Cooperative
- T2(C) South Slope Cooperative
- E4(C) Unknown / Undefined Owners
- T4(C) Unknown / Undefined Owners

PLAN VIEW COLOR LEGEND OF STORM SEWER SHEETS

LINEWORK	Design Color No.	Description
Gray, Dark	(112)	Existing Topographic Features, Utilities, and Labels
Black	(17)	Proposed Storm Sewer Details, Alignment, Stationing, Tic Marks, and Alignment Annotation
SHADING	Design Color No.	Description
Gray, Light	(48)	Proposed Pavement Shading

PROFILE VIEW COLOR LEGEND OF STORM SEWER SHEETS

LINEWORK	Design Color No.	Description
Gray, Dark	(112)	Existing Ground Line Profile and Existing Utilities Information
Black	(17)	Proposed Pipes and Intakes

PLAN VIEW LINE STYLE LEGEND OF STORM SEWER SHEETS

- Plug and Abandon Existing Pipe or Structure
- Removal of Existing Pipe or Structure
- Previously Constructed Pipe or Structure
- Direction of Pipe Flow

PROFILE VIEW LINE STYLE LEGEND OF STORM SEWER SHEETS

- Existing Ground
- Proposed Ground
- Previously Constructed Pipe or Structure
- Proposed Pipe or Structure

Reference Point	RIGHT-OF-WAY LEGEND
Station	Proposed Right-of-Way
Survey Line	Existing and Proposed Right-of-Way
Section Corner	Easement and Existing Right-of-Way
Ground Line Intercept	Borrow
Saw Cut	Easement (Temporary)
Guardrail	Easement
Clearing & Grubbing Area	Excess
Pavement Removal	A/C Access Control

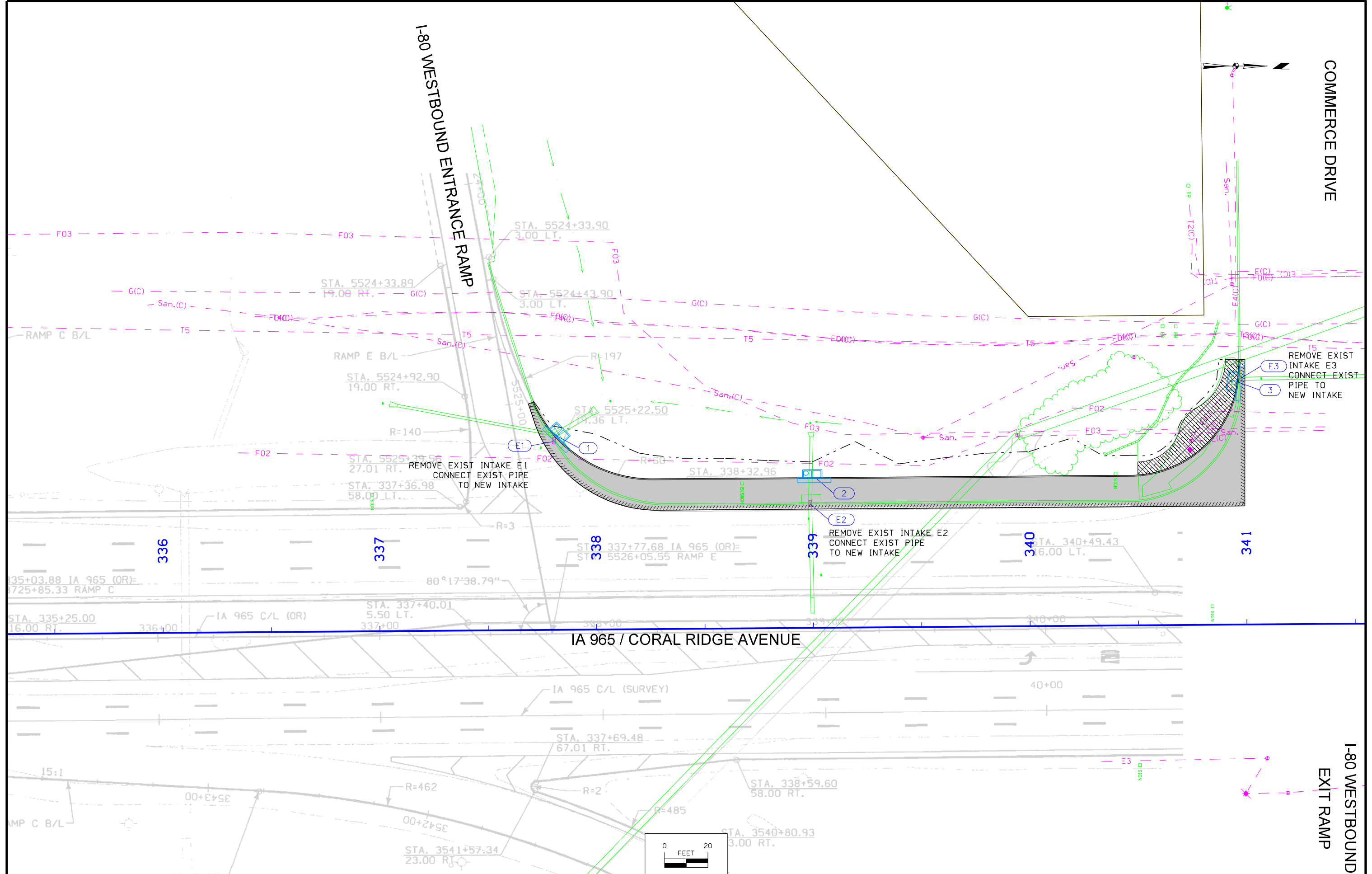
**STORM SEWER
LEGEND AND SYMBOL
INFORMATION SHEET**

(COVERS SHEET SERIES M)

I-80 WESTBOUND ENTRANCE RAMP

COMMERCE DRIVE

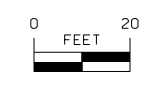
I-80 WESTBOUND EXIT RAMP



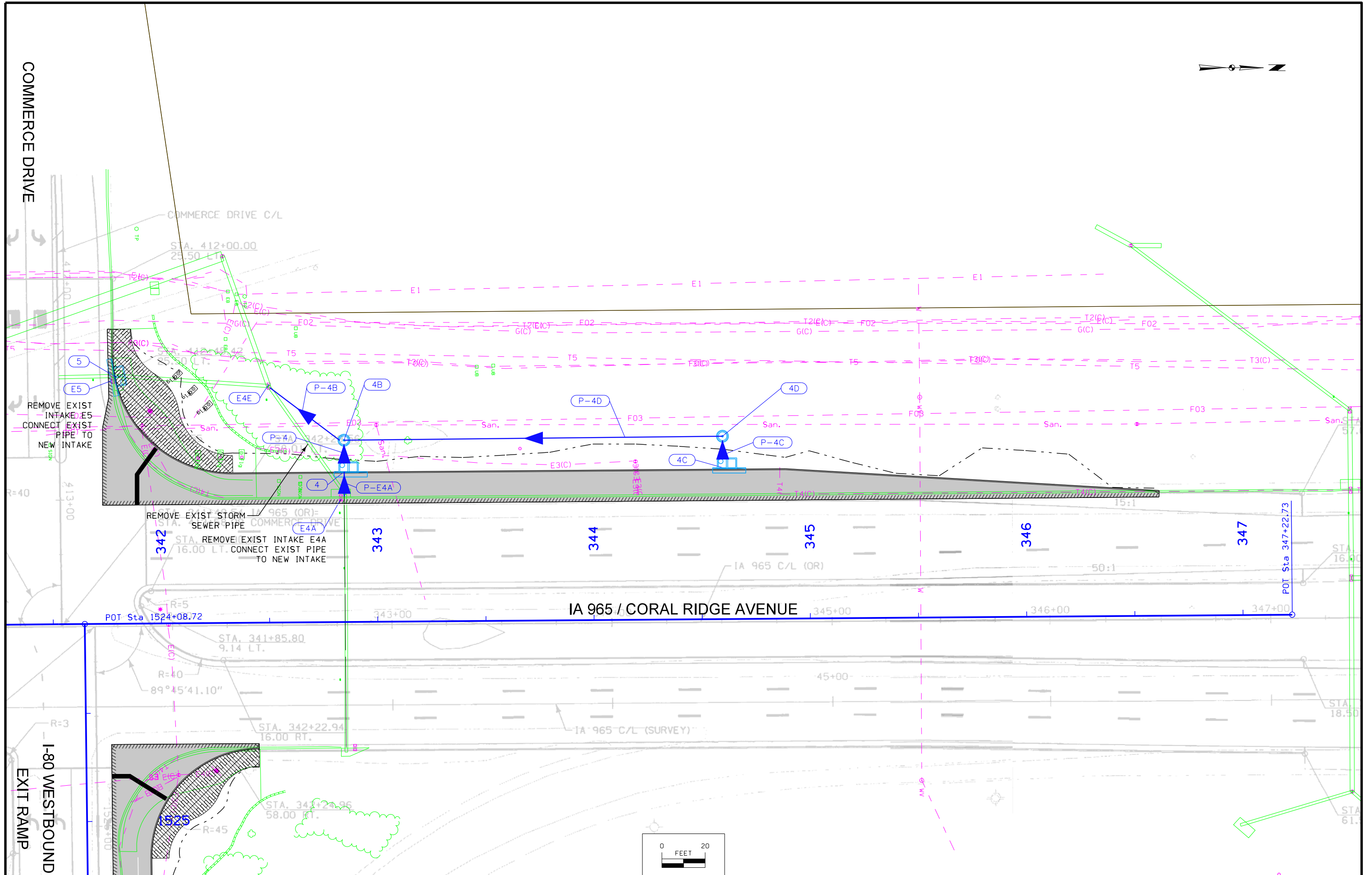
REMOVE EXIST INTAKE E1
CONNECT EXIST PIPE
TO NEW INTAKE

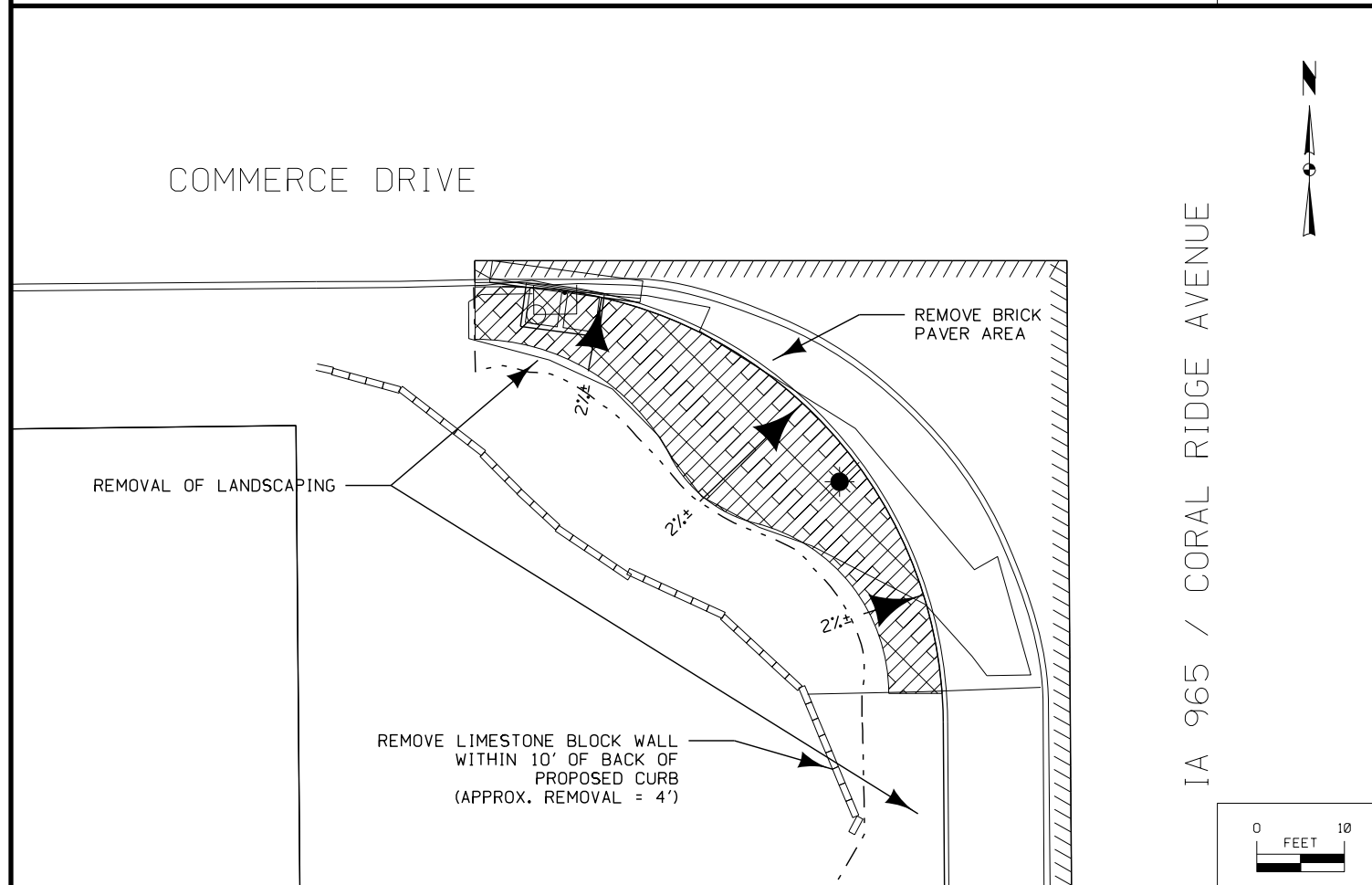
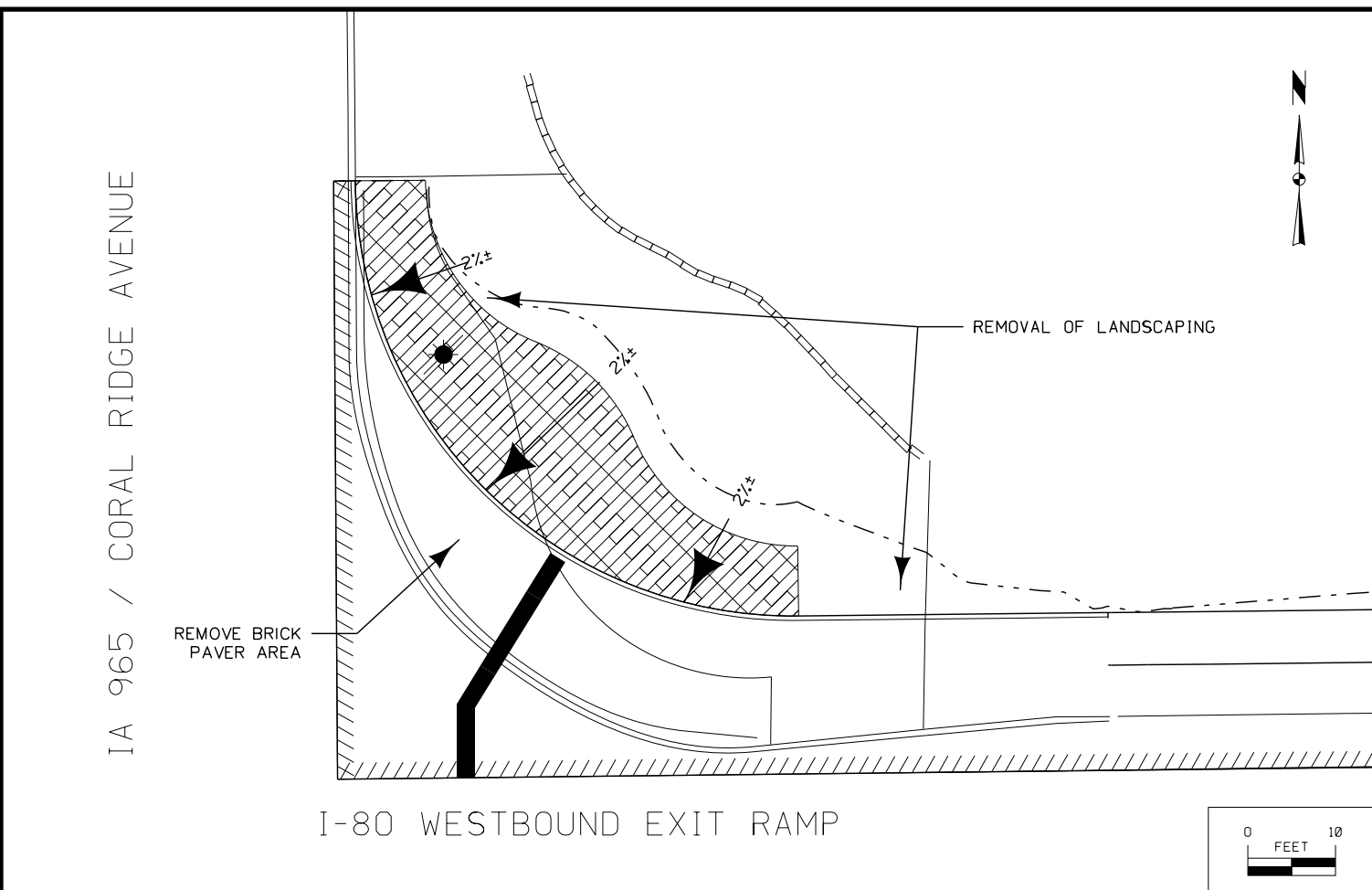
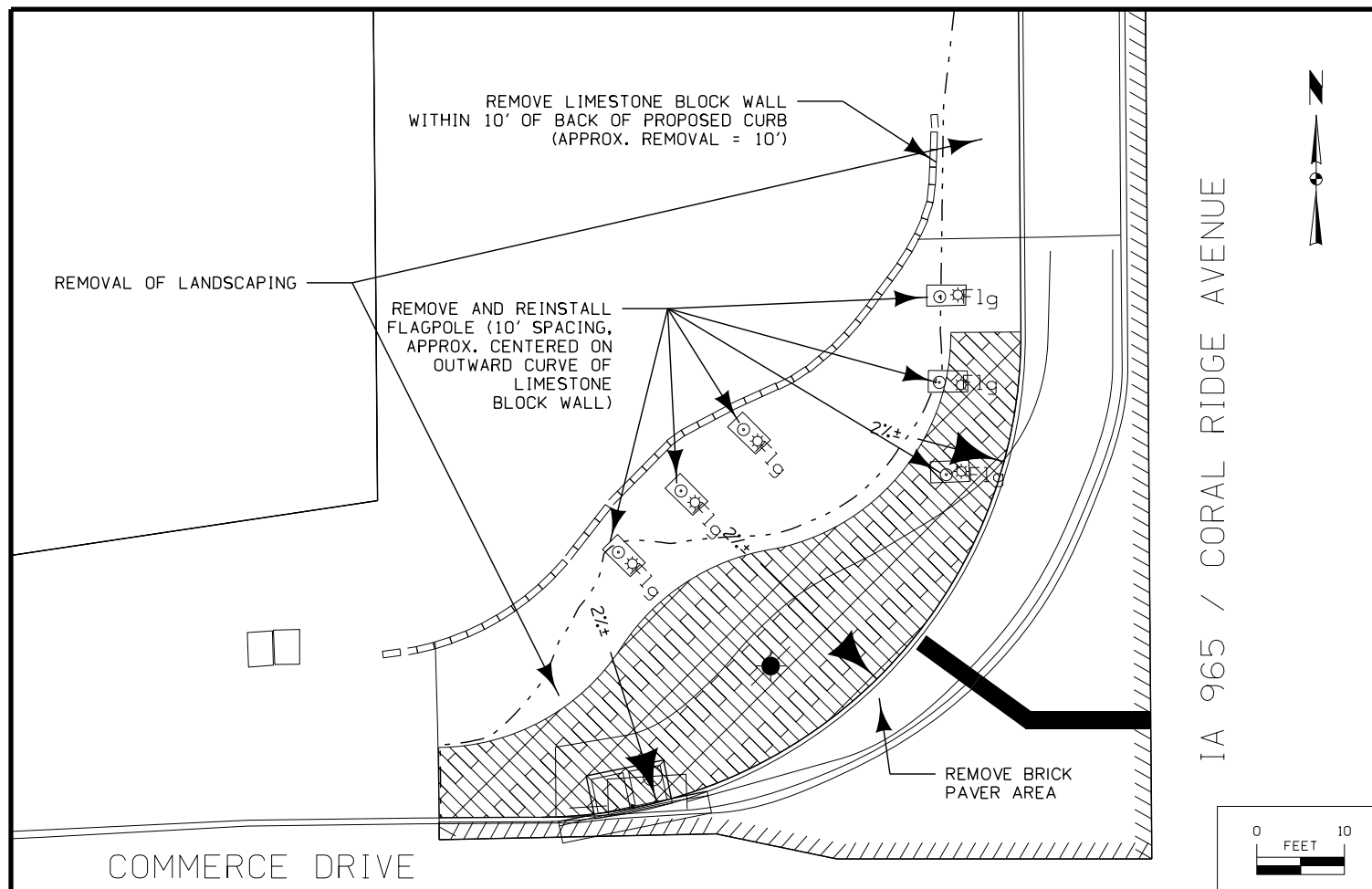
REMOVE EXIST INTAKE E2
CONNECT EXIST PIPE
TO NEW INTAKE

REMOVE EXIST
INTAKE E3
CONNECT EXIST
PIPE TO
NEW INTAKE



COMMERCE DRIVE

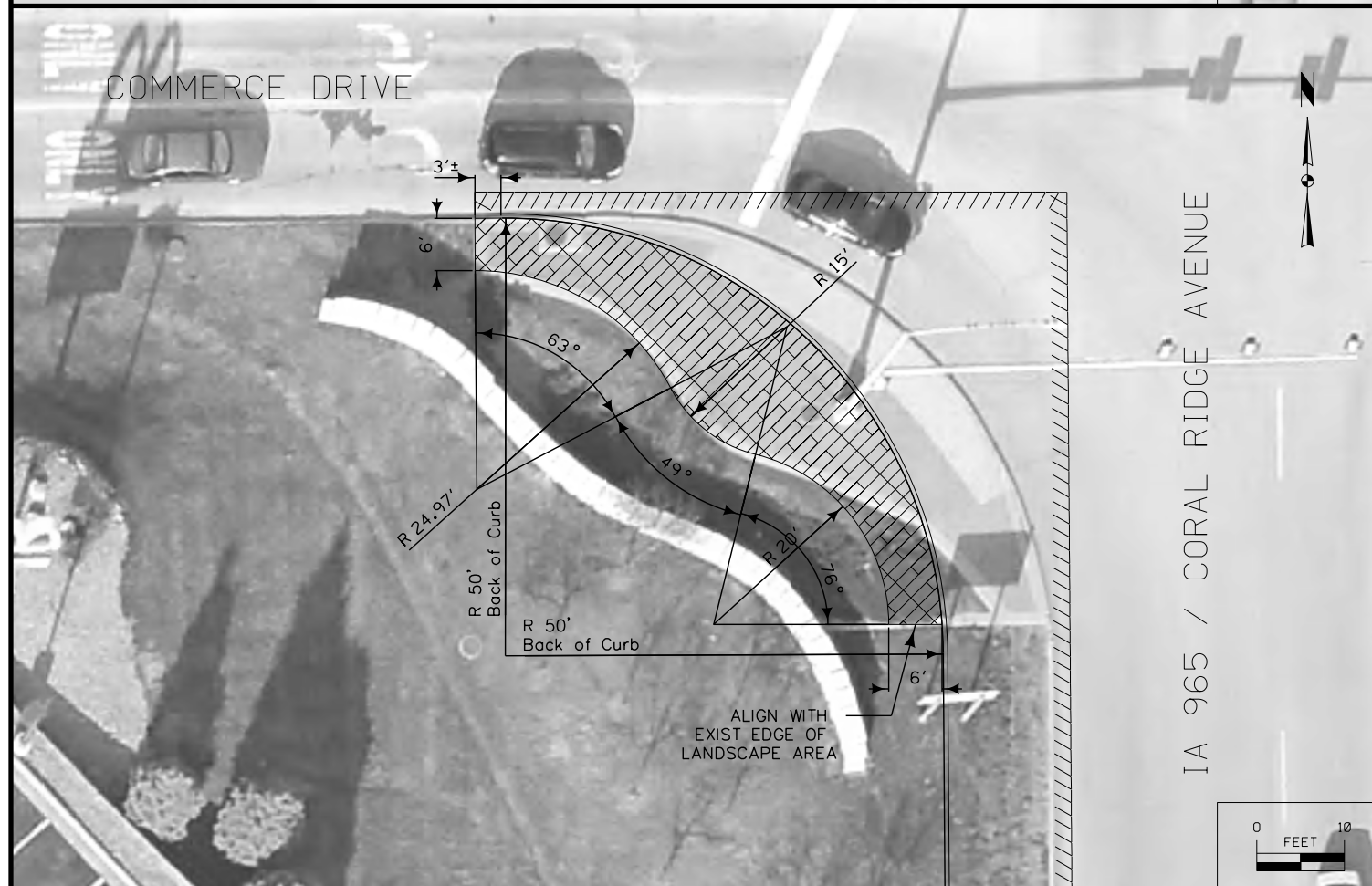
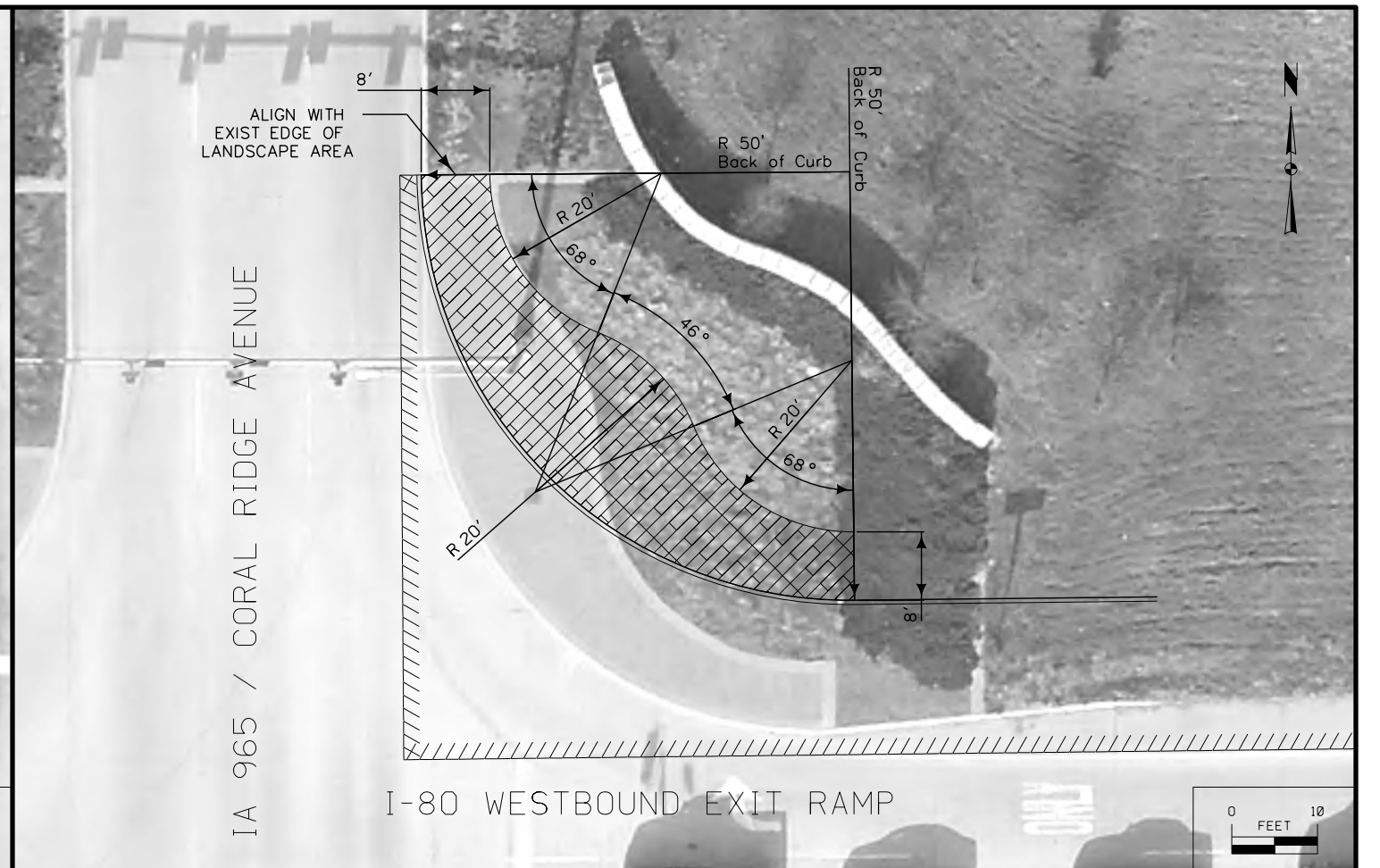
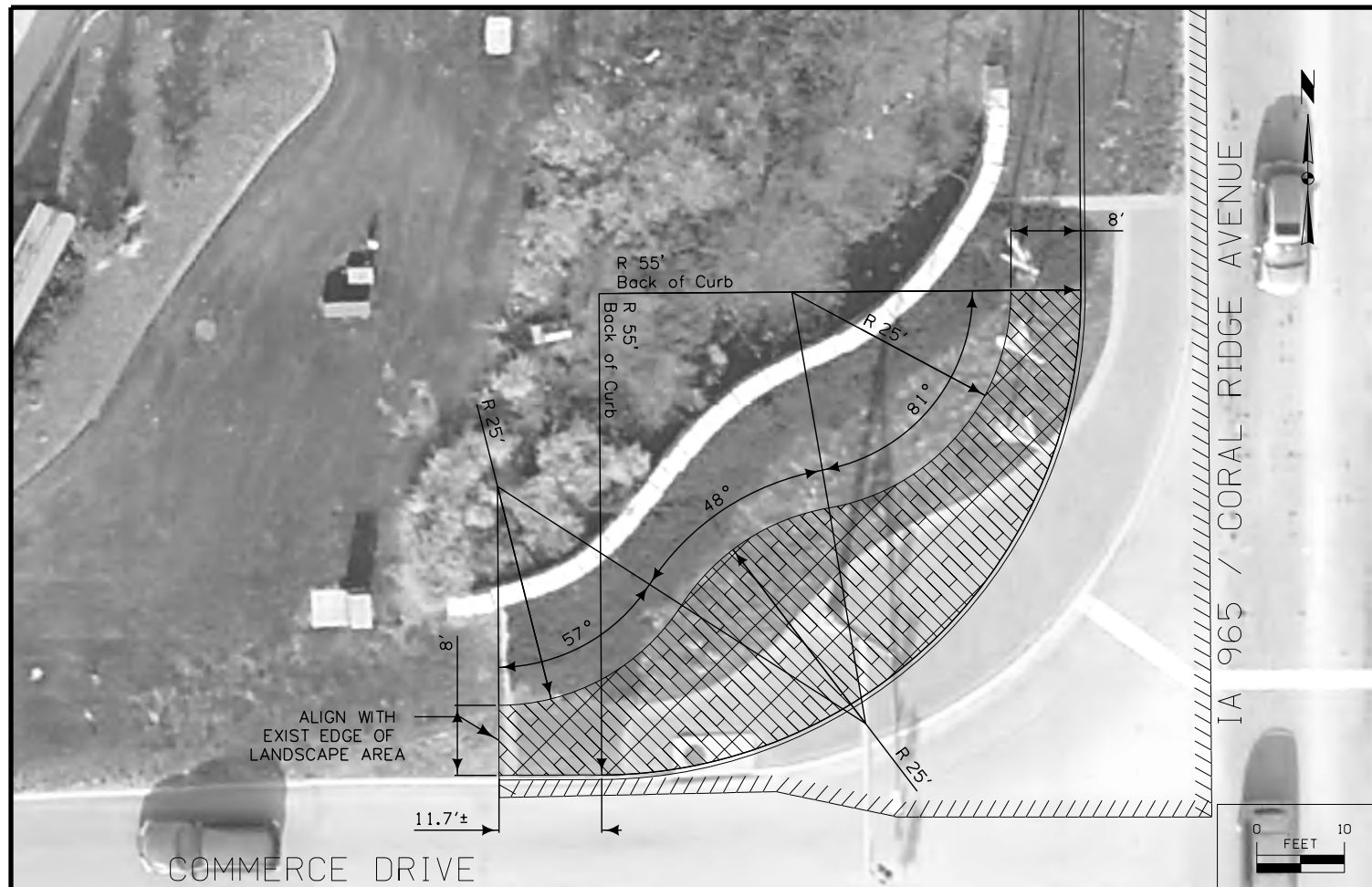




NOTES:

1. REMOVAL OF LIMESTONE BLOCK WALL
 - 1A. SALVAGE BLOCKS AND DELIVER TO CITY'S STREETS SHOPS, 750 CAMP CARDINAL BLVD
 - 1B. REMOVE CONCRETE FOOTING TO 2-FT BELOW FINISHED GRADE
2. REMOVAL OF LANDSCAPING INCLUDES REMOVAL OF ALL ITEMS NOT SPECIFICALLY IDENTIFIED WITHIN THE QUADRANT AREA, AS NECESSARY FOR THE CONSTRUCTION OF THE BRICK PAVER AREA AND ASSOCIATED GRADING
3. BRICK PAVER AREA - COORDINATE PLACEMENT WITH:
 - 3A. SIGNAL POLES - EXISTING LOCATIONS SHOWN. COORDINATE WITH EXISTING LOCATION, OR, IF TO BE RELOCATED BY OTHER PLAN, RELOCATED SIGNAL POLE LOCATION.
 - 3B. INTAKES - PROPOSED LOCATIONS SHOWN
4. REFER TO U SHEET "BRICK PAVER AREA GEOMETRICS" FOR ADDITIONAL LAYOUT DETAILS.

LANDSCAPE / BRICK PAVER AREAS

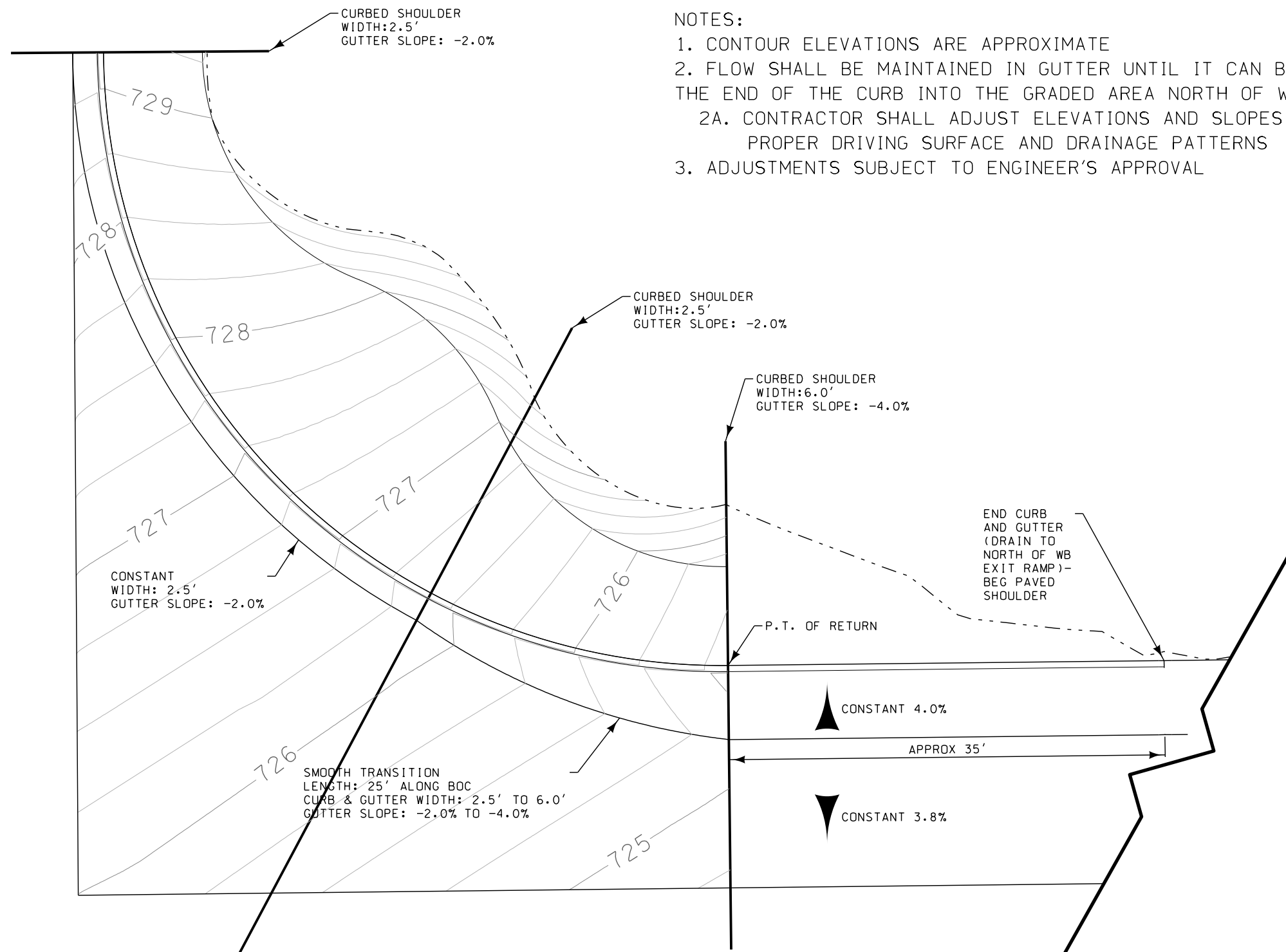


- NOTES:
1. DATA PROVIDED FOR GENERAL INFORMATION ONLY
 2. ALL DIMENSIONS AND ANGLES APPROXIMATE
 3. CONTRACTOR SHALL ADJUST INSTALLATION TO CONFORM TO THE SITE, AS APPROVED BY THE ENGINEER

BRICK PAVER AREA GEOMETRICS



IA 965 / CORAL RIDGE AVENUE

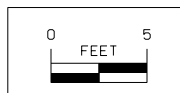


NOTES:

1. CONTOUR ELEVATIONS ARE APPROXIMATE
2. FLOW SHALL BE MAINTAINED IN GUTTER UNTIL IT CAN BE DISCHARGED AT THE END OF THE CURB INTO THE GRADED AREA NORTH OF WB EXIT RAMP
 - 2A. CONTRACTOR SHALL ADJUST ELEVATIONS AND SLOPES TO MAINTAIN PROPER DRIVING SURFACE AND DRAINAGE PATTERNS
3. ADJUSTMENTS SUBJECT TO ENGINEER'S APPROVAL

I-80 WESTBOUND EXIT RAMP

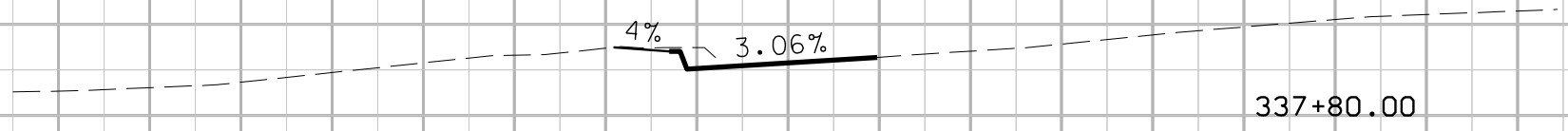
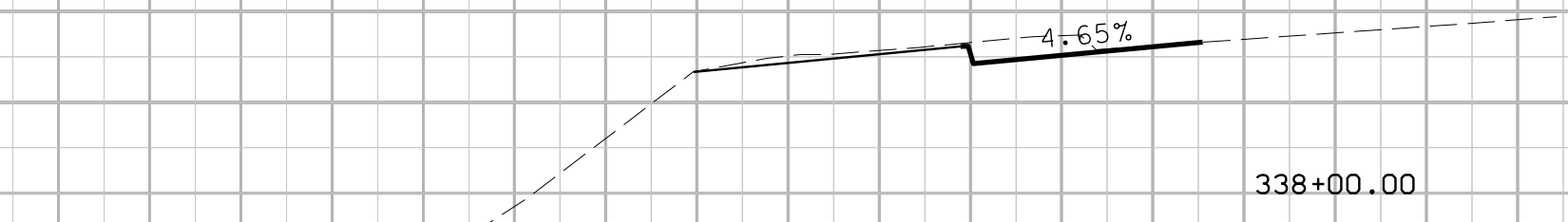
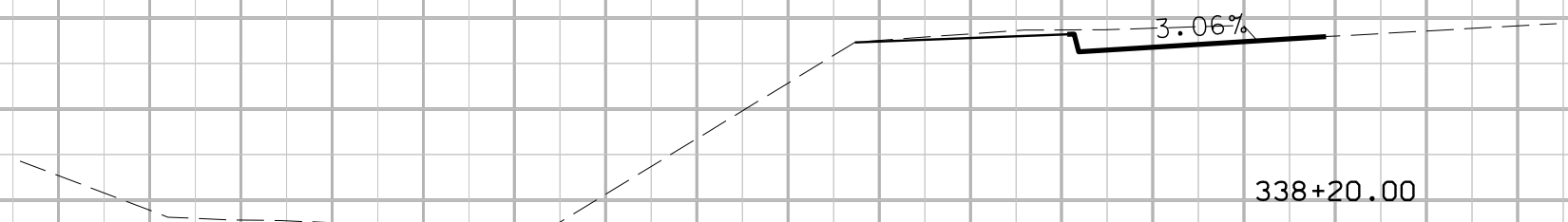
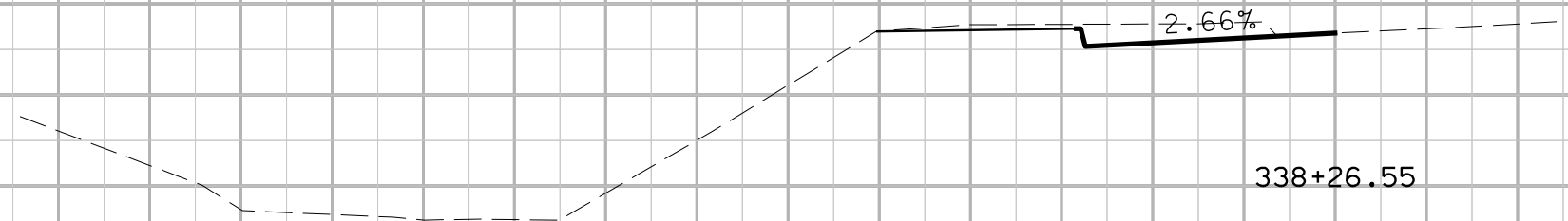
NE QUADRANT
SPECIAL PAVEMENT SHAPING DETAIL



125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

IA 965/CORAL RIDGE AVENUE SW TURN LANE

FOR INFORMATION ONLY
 CROSS SECTIONS (ELEVATIONS AND
 SLOPES) TO PROVIDE GUIDANCE ON
 DESIGN INTENT ONLY. CONTRACTOR
 SHALL MAKE ADJUSTMENTS TO
 CONFORM TO THE SITE, SUBJECT TO
 THE APPROVAL OF THE ENGINEER.



2.5'
 SCALE
 5'

125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

IA 965/CORAL RIDGE AVENUE SW TURN LANE

FOR INFORMATION ONLY
CROSS SECTIONS (ELEVATIONS AND
SLOPES) TO PROVIDE GUIDANCE ON
DESIGN INTENT ONLY. CONTRACTOR
SHALL MAKE ADJUSTMENTS TO
CONFORM TO THE SITE, SUBJECT TO
THE APPROVAL OF THE ENGINEER.

2.50%
339+20.00

4% 2.50%
339+00.00

2.50%
338+80.00

2.50%
338+60.00

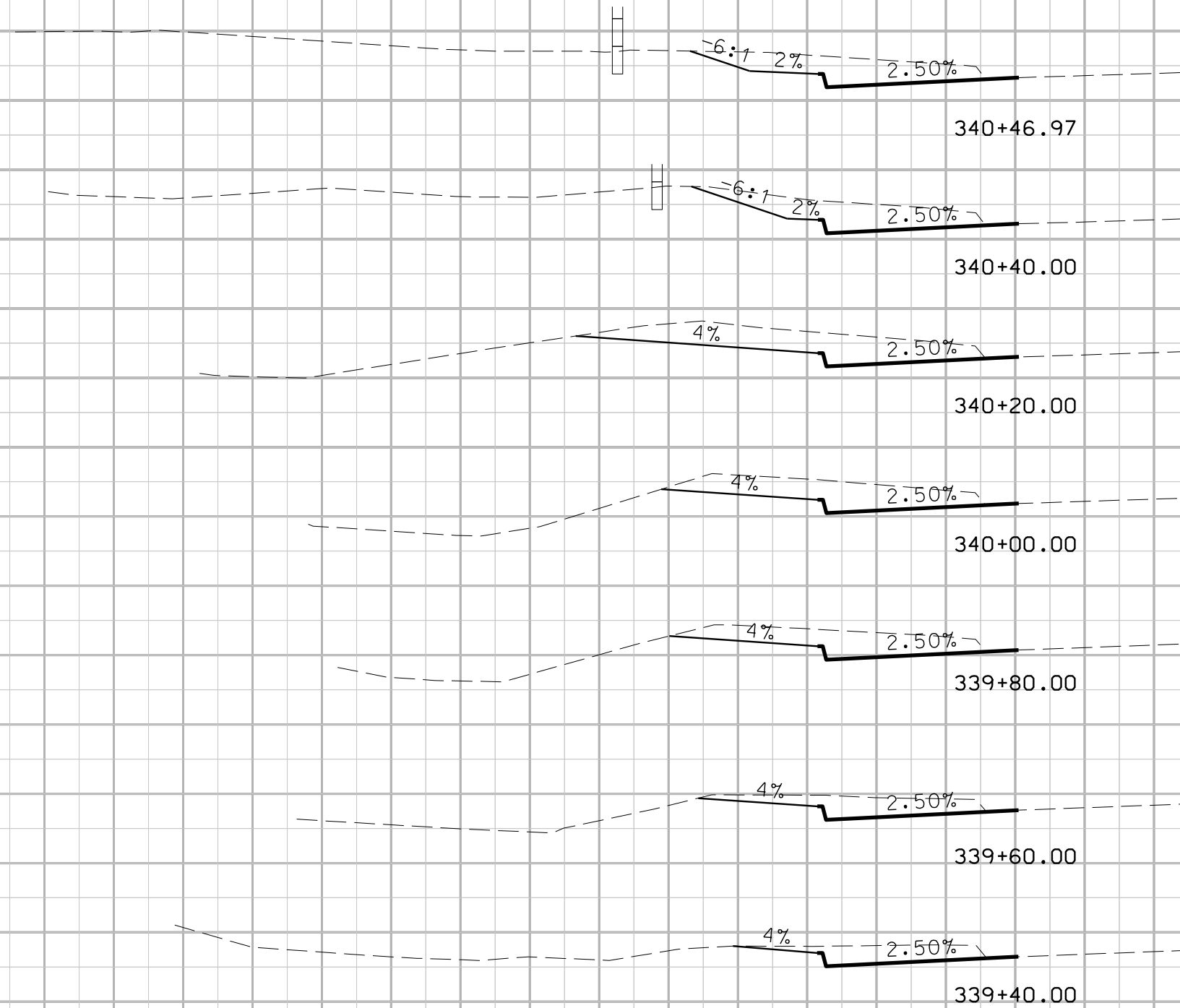
2.50%
338+40.00

2.5'
SCALE
5'

125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

IA 965/CORAL RIDGE AVENUE SW TURN LANE

FOR INFORMATION ONLY
CROSS SECTIONS (ELEVATIONS AND
SLOPES) TO PROVIDE GUIDANCE ON
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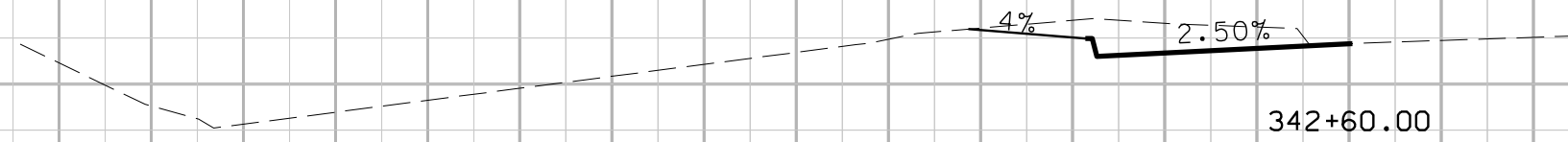
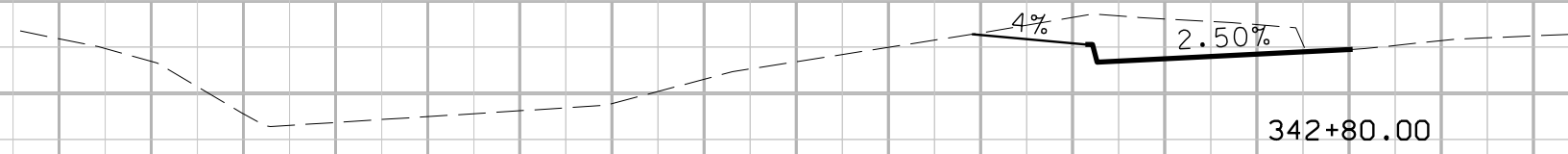
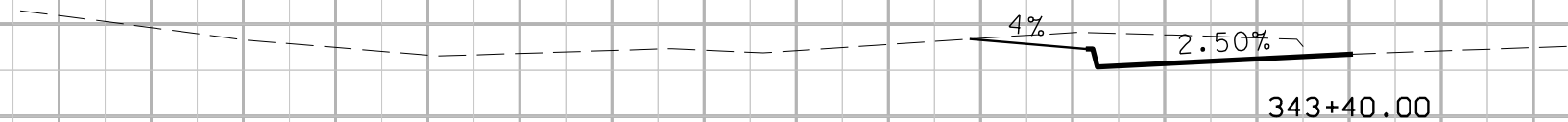


2.5'
SCALE
5'

125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

IA 965/CORAL RIDGE AVENUE NW TURN LANE

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2.5'
SCALE
5'

125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

IA 965/CORAL RIDGE AVENUE NW TURN LANE

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344+80.00

344+60.00

344+40.00

344+20.00

344+00.00

343+80.00

343+60.00

4%

2.50%

4%

2.50%

4%

2.50%

4%

2.50%

4%

2.50%

4%

2.50%

4%

2.50%

2.5'
SCALE
5'

125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

IA 965/CORAL RIDGE AVENUE NW TURN LANE

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346+20.00

346+00.00

345+80.00

345+60.00

345+40.00

345+20.00

345+00.00

344+88.98

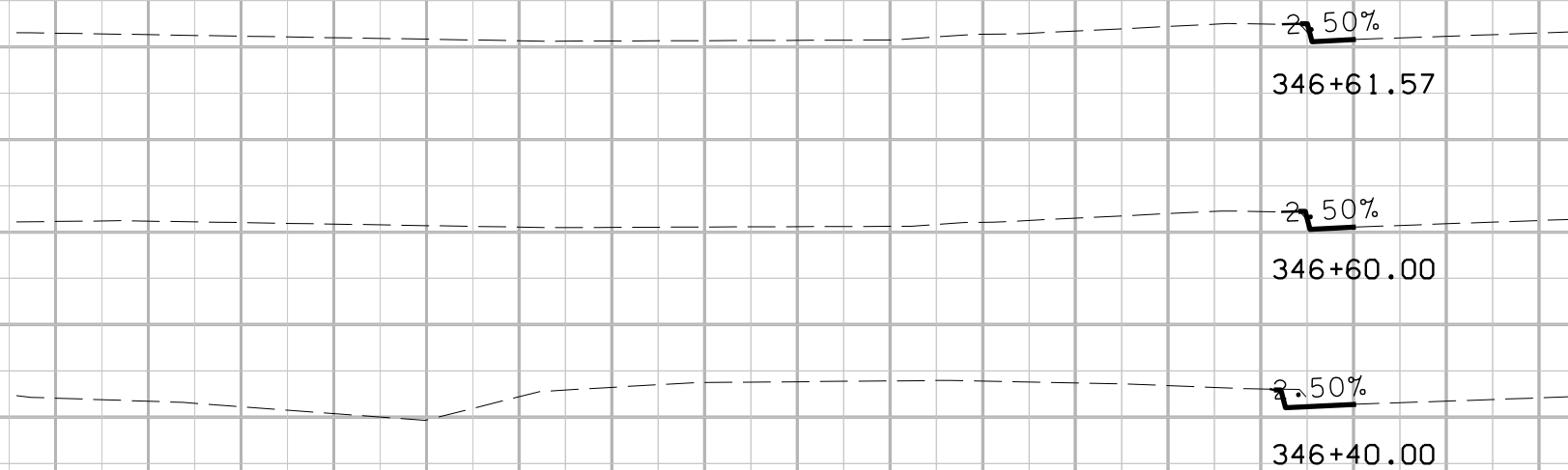
2.5'
SCALE
5'

125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

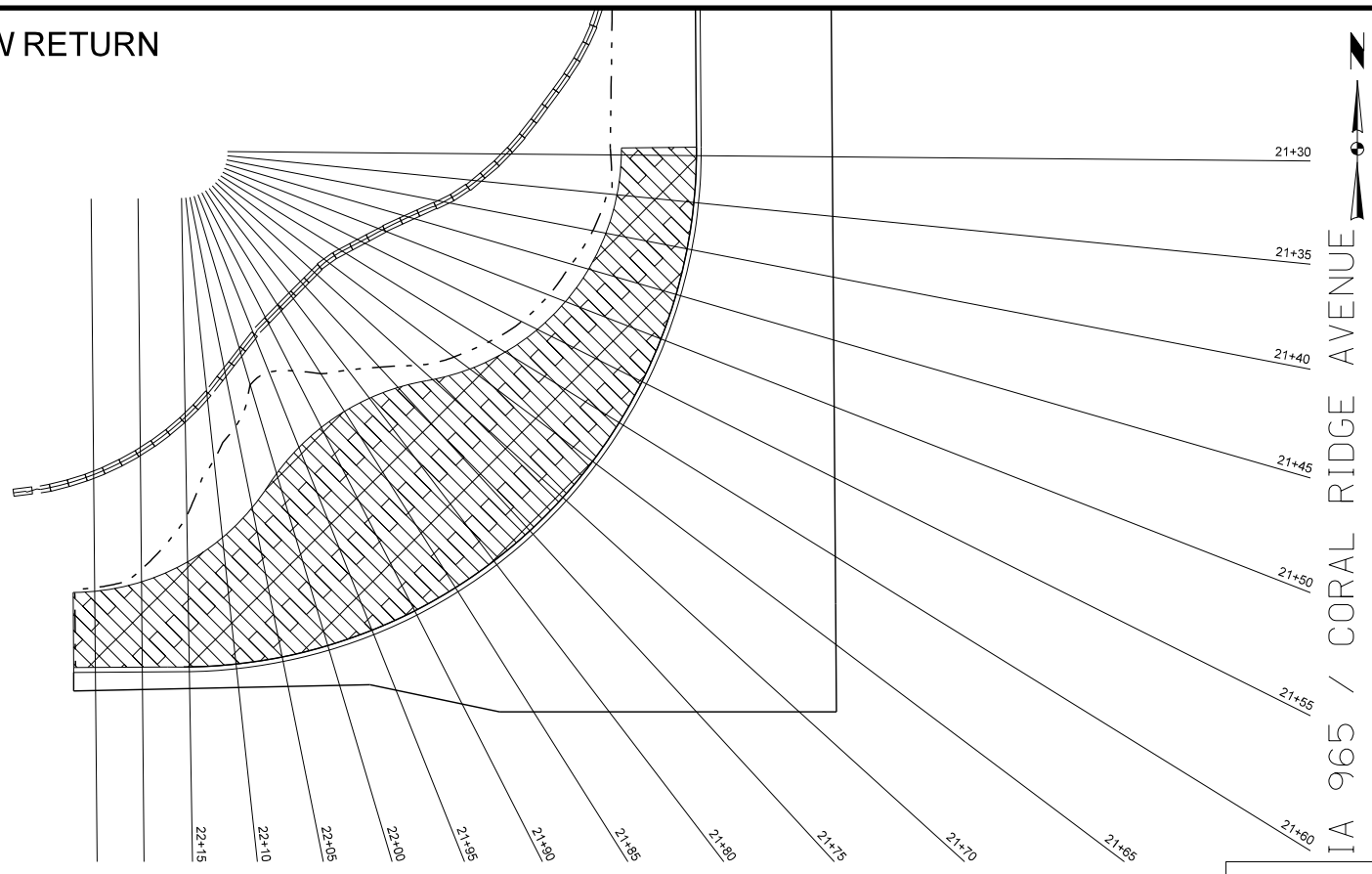
IA 965/CORAL RIDGE AVENUE NW TURN LANE

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2.5'
SCALE
5'

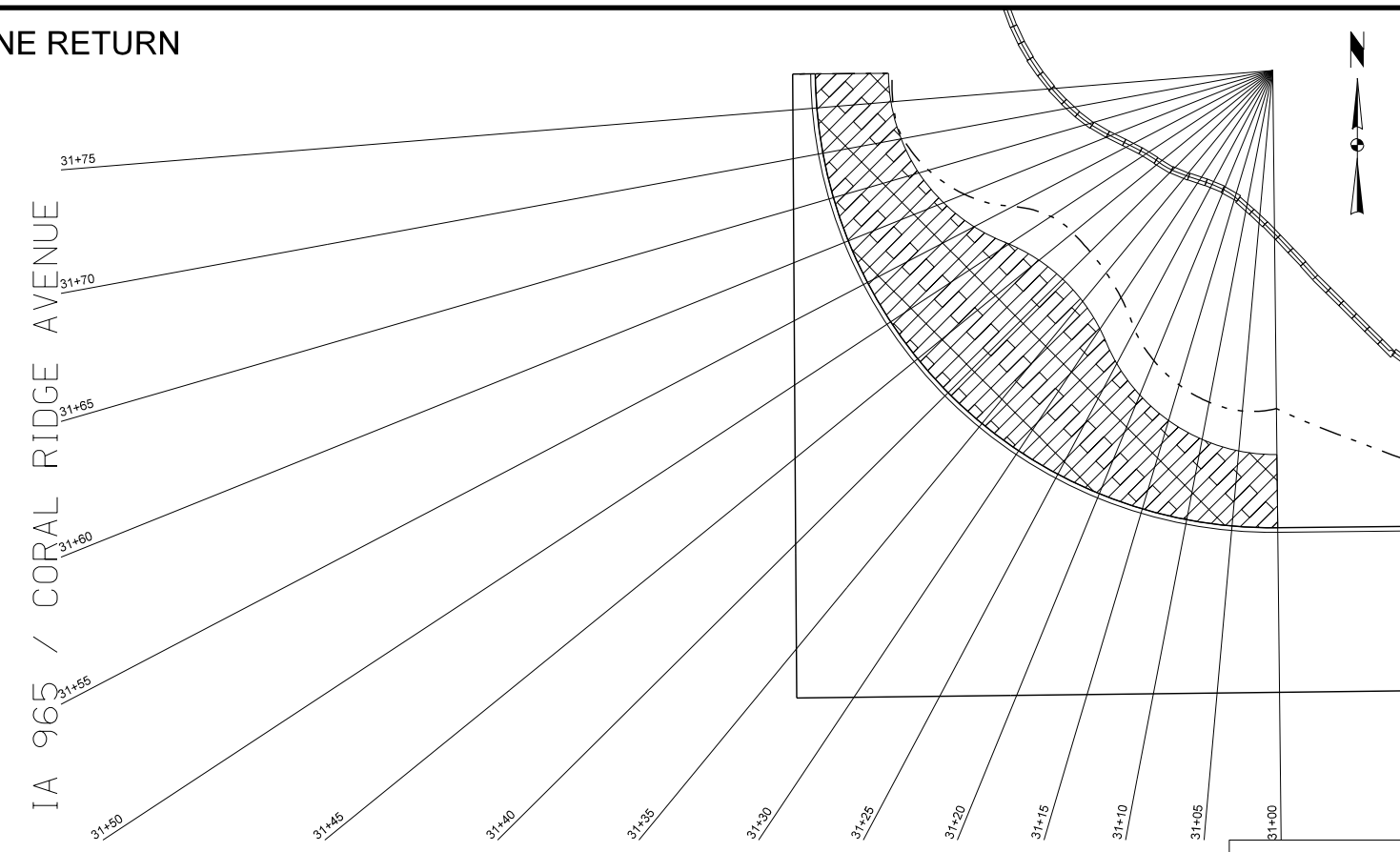
NW RETURN



COMMERCE DRIVE



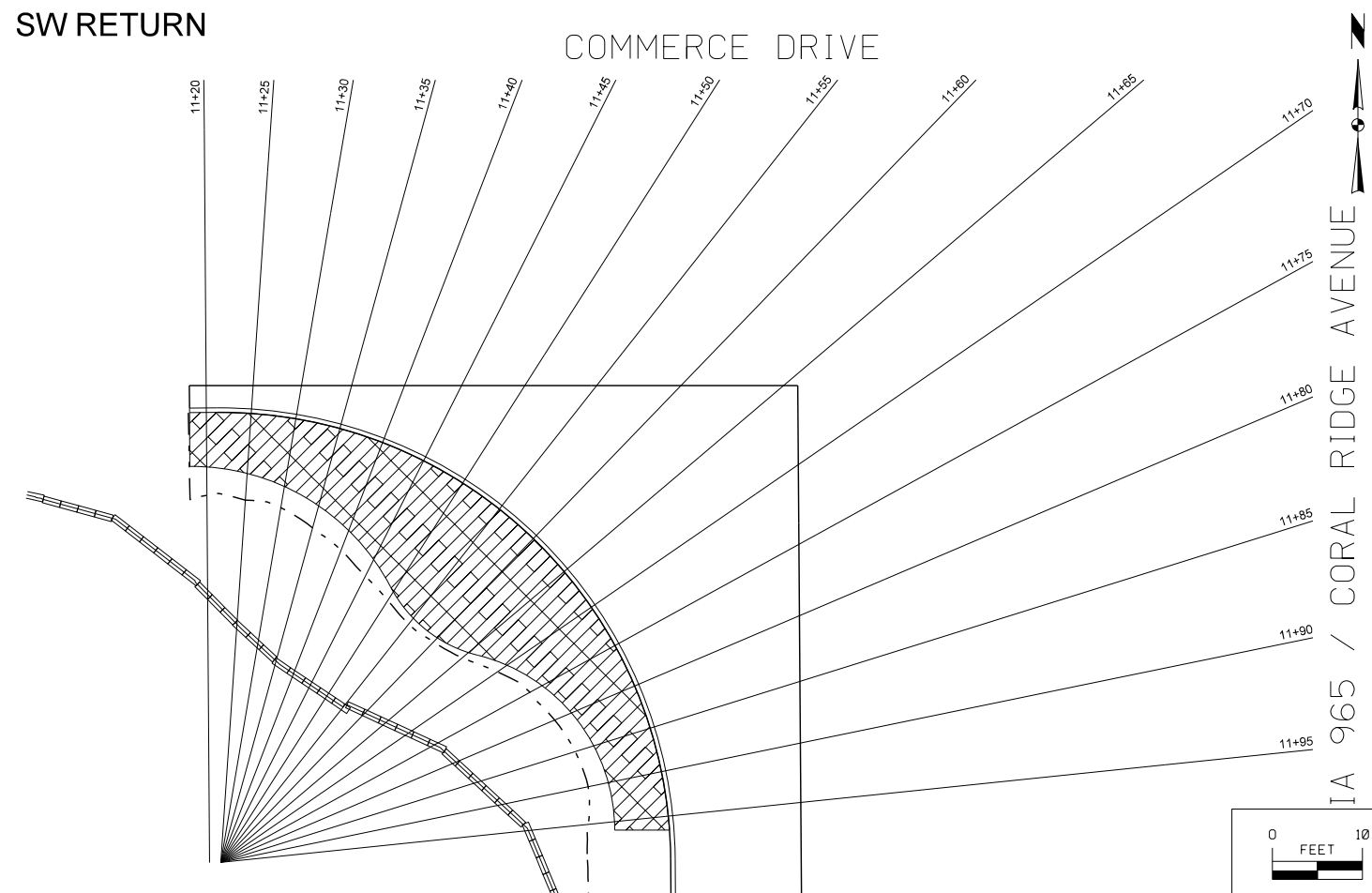
NE RETURN



I-80 WESTBOUND EXIT RAMP



SW RETURN



COMMERCE DRIVE

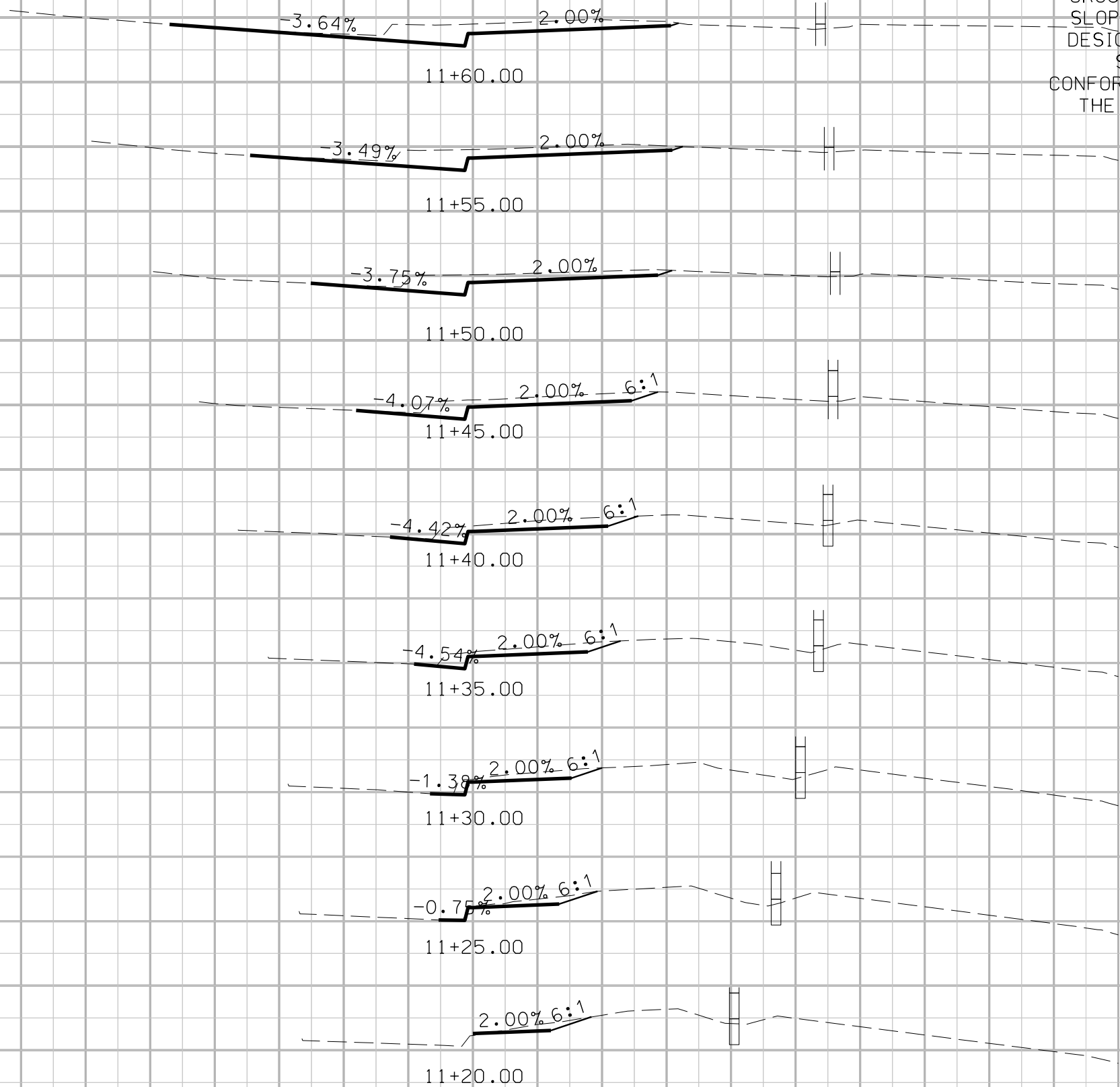


Sheet X.1 shows the locations of the X-Sheet Radial Cross Sections, as based on the direction of travel and stationing around each of the returns.

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

SW RETURN

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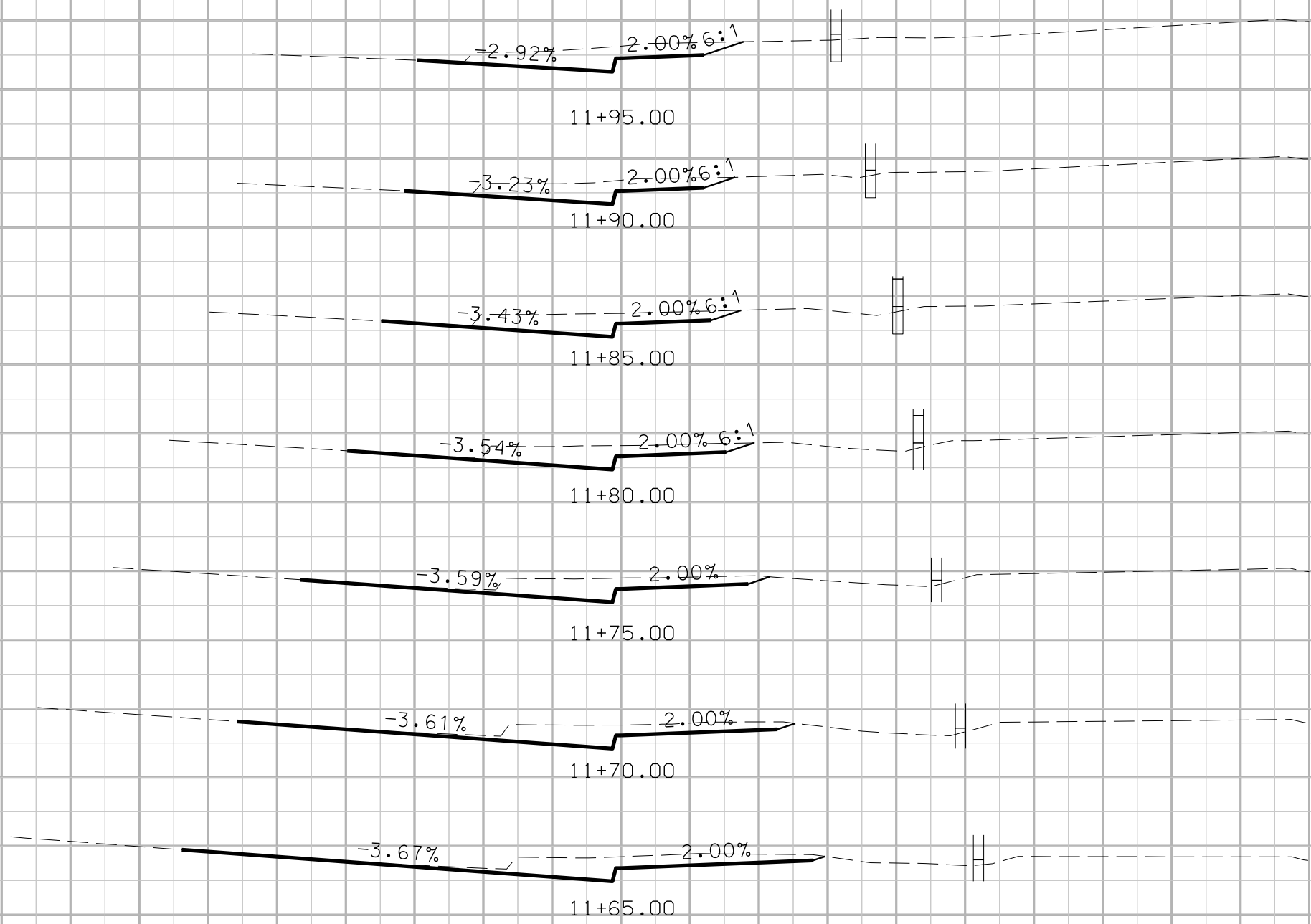


2.5'
SCALE
5'

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

SW RETURN

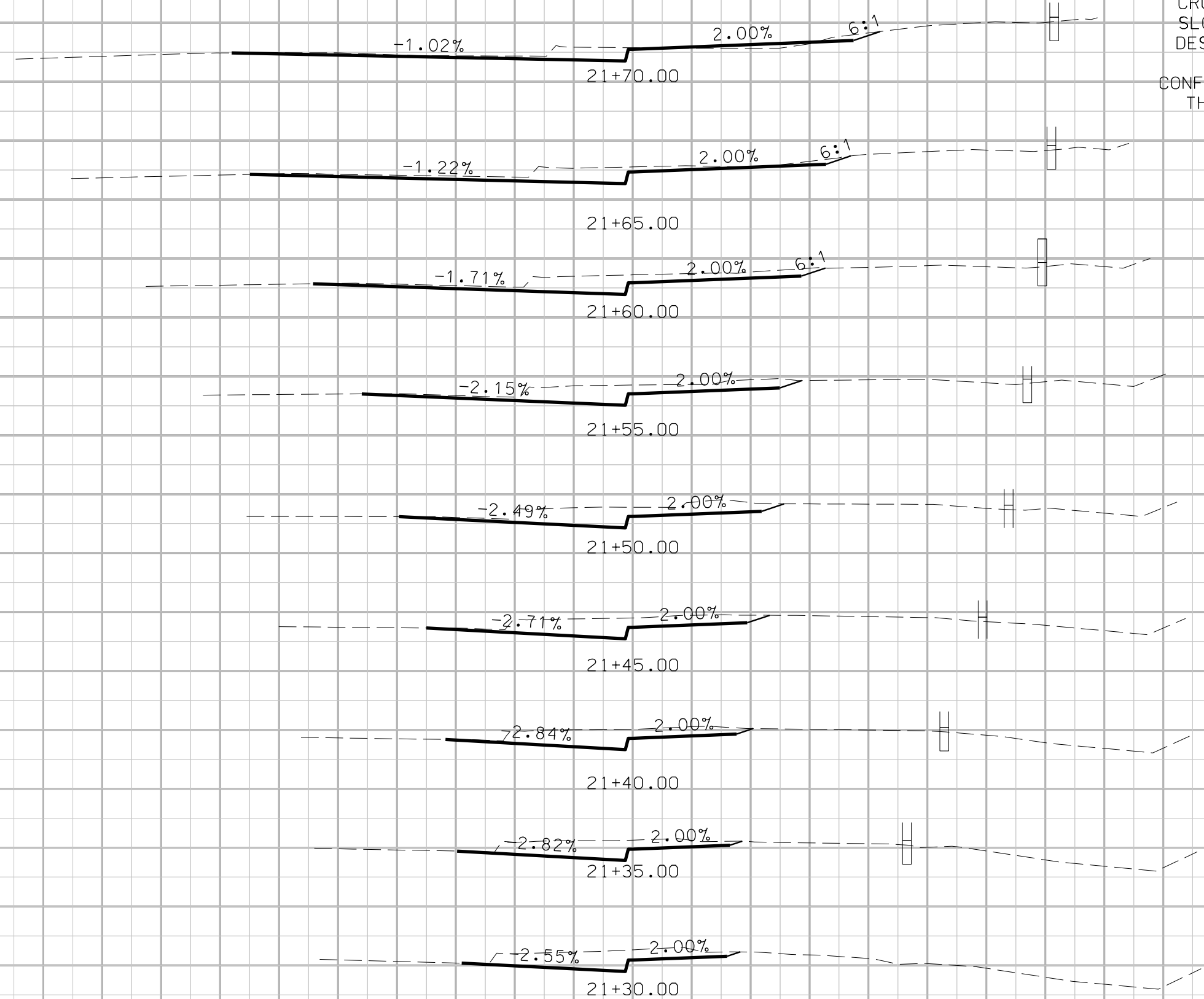
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70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

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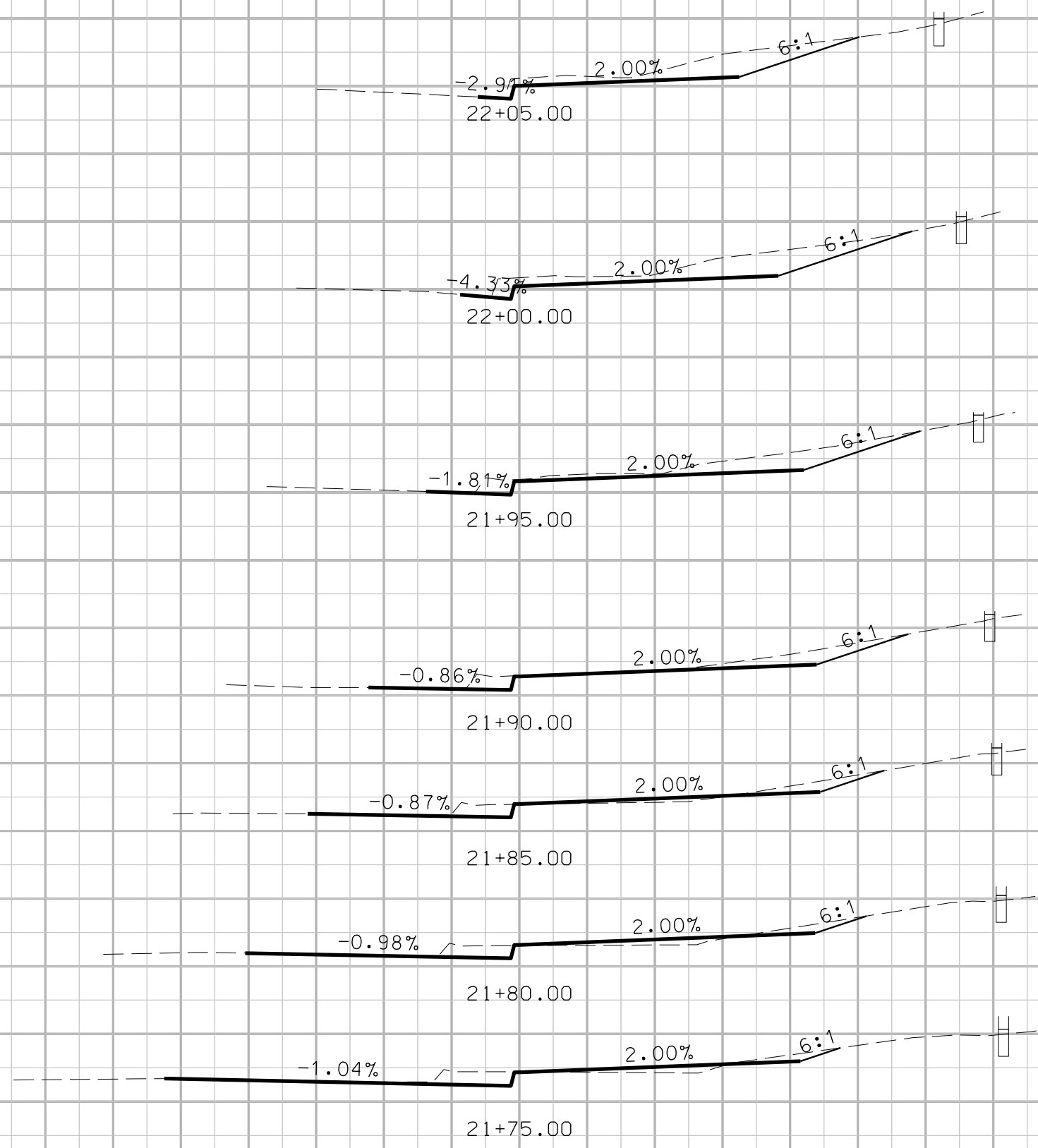


2.5'
SCALE
5'

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

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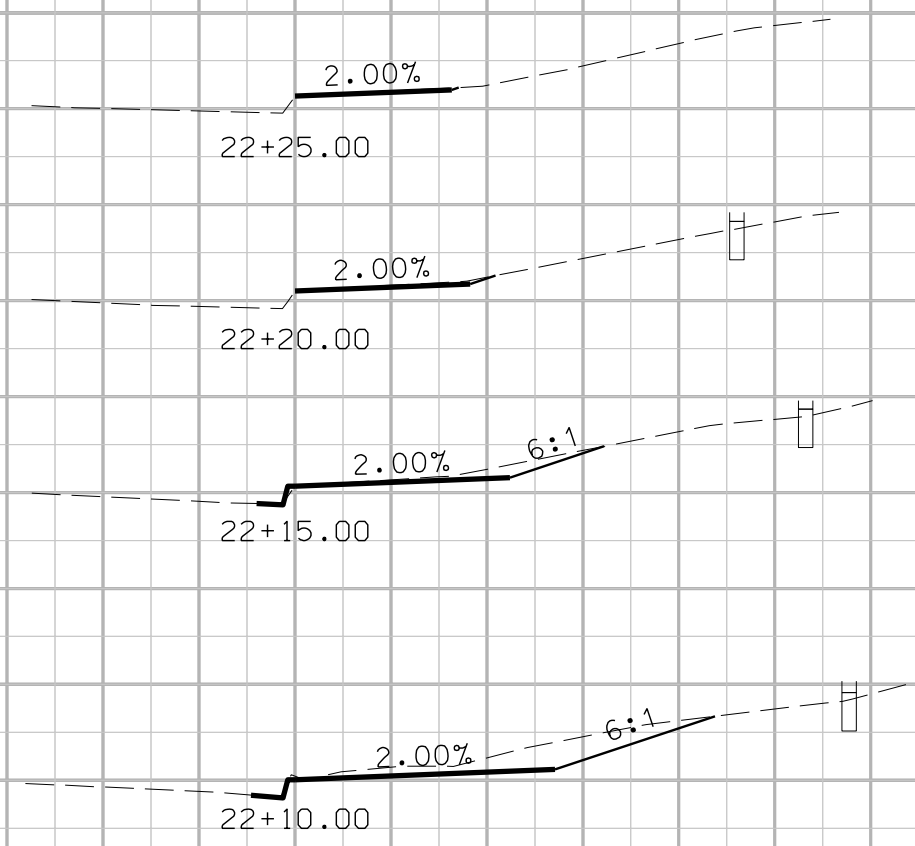


2.5'
SCALE
5'

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

NW RETURN

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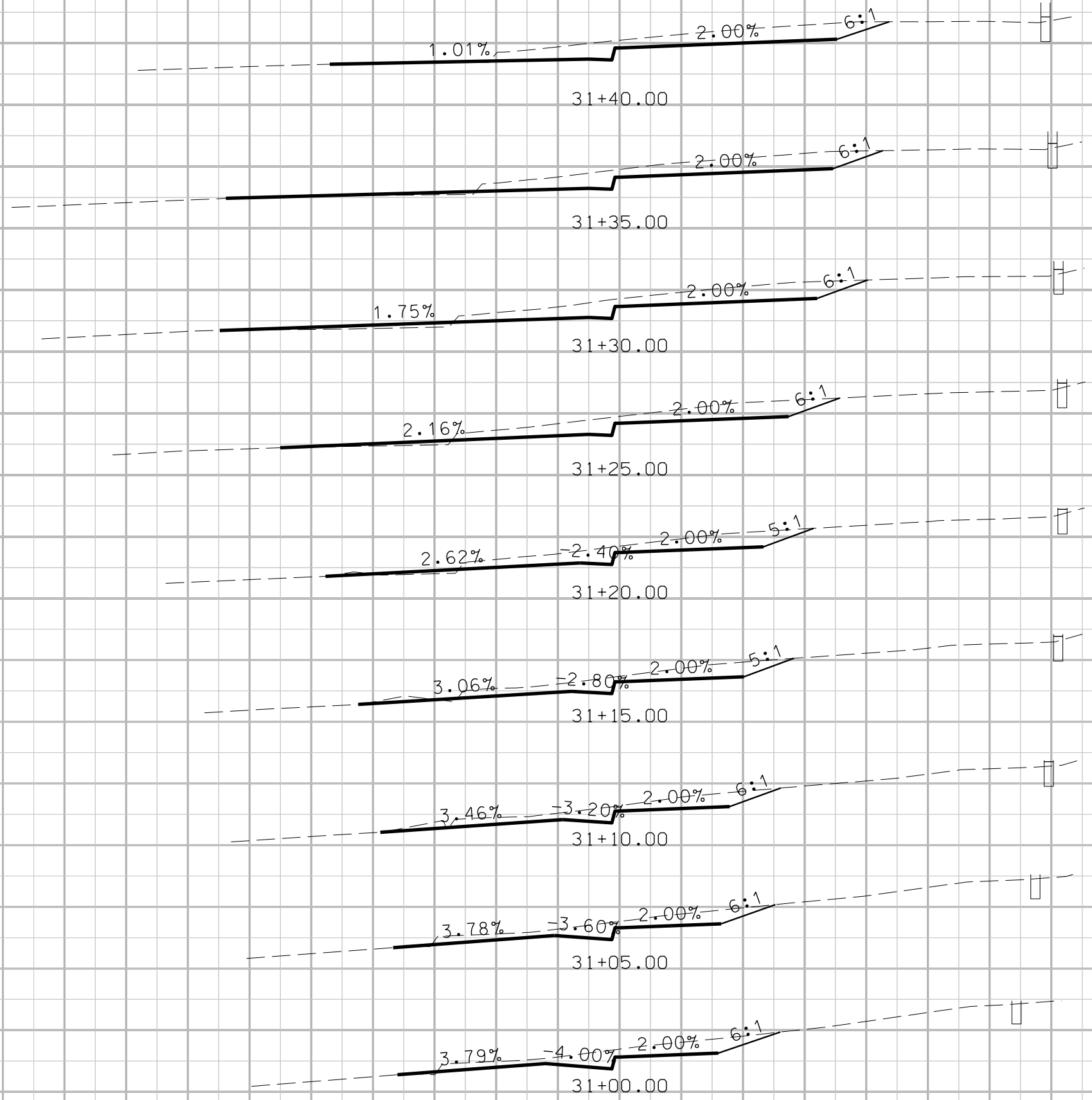


70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

NE RETURN

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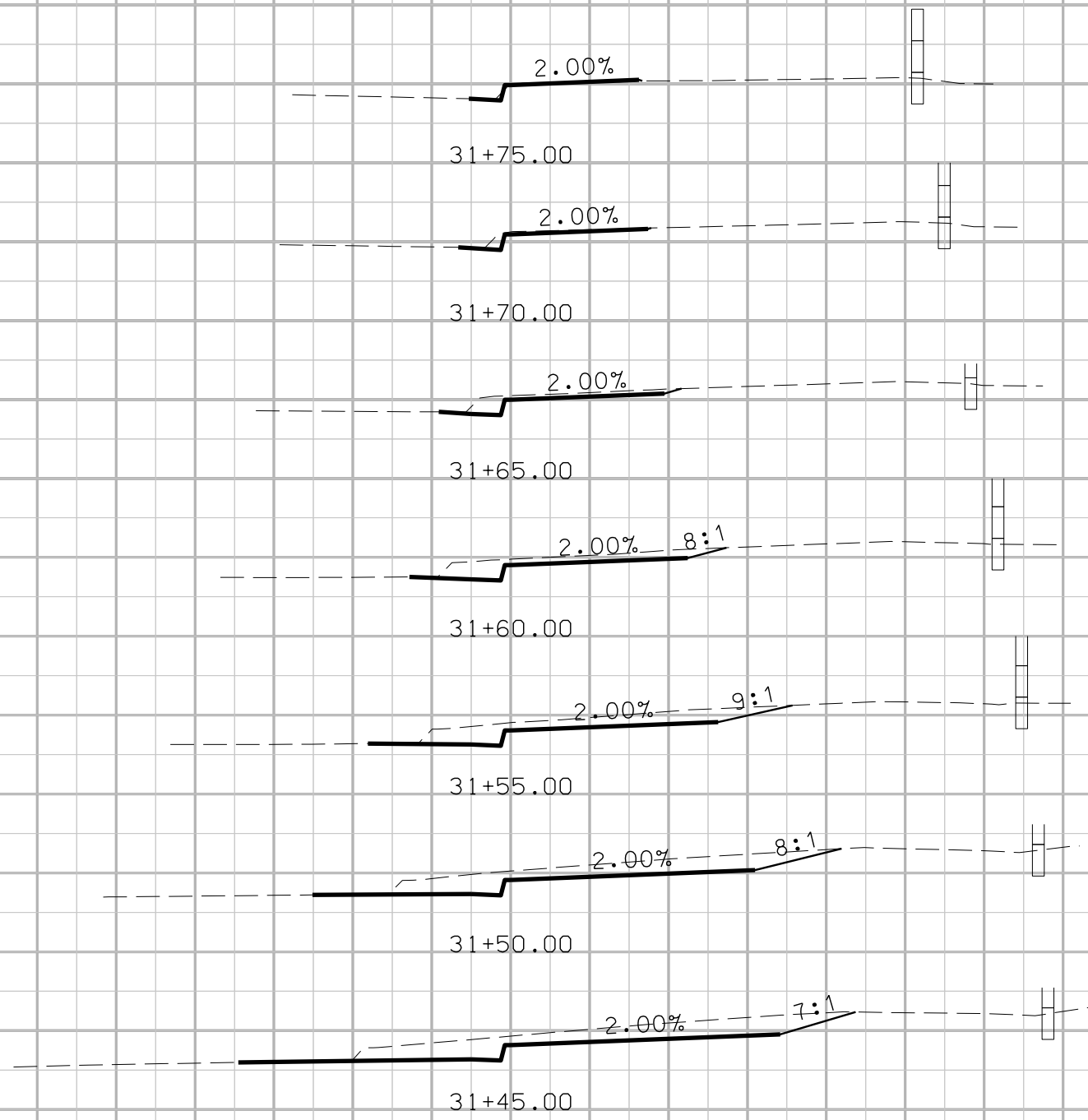


2.5'
SCALE
5'

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

NE RETURN

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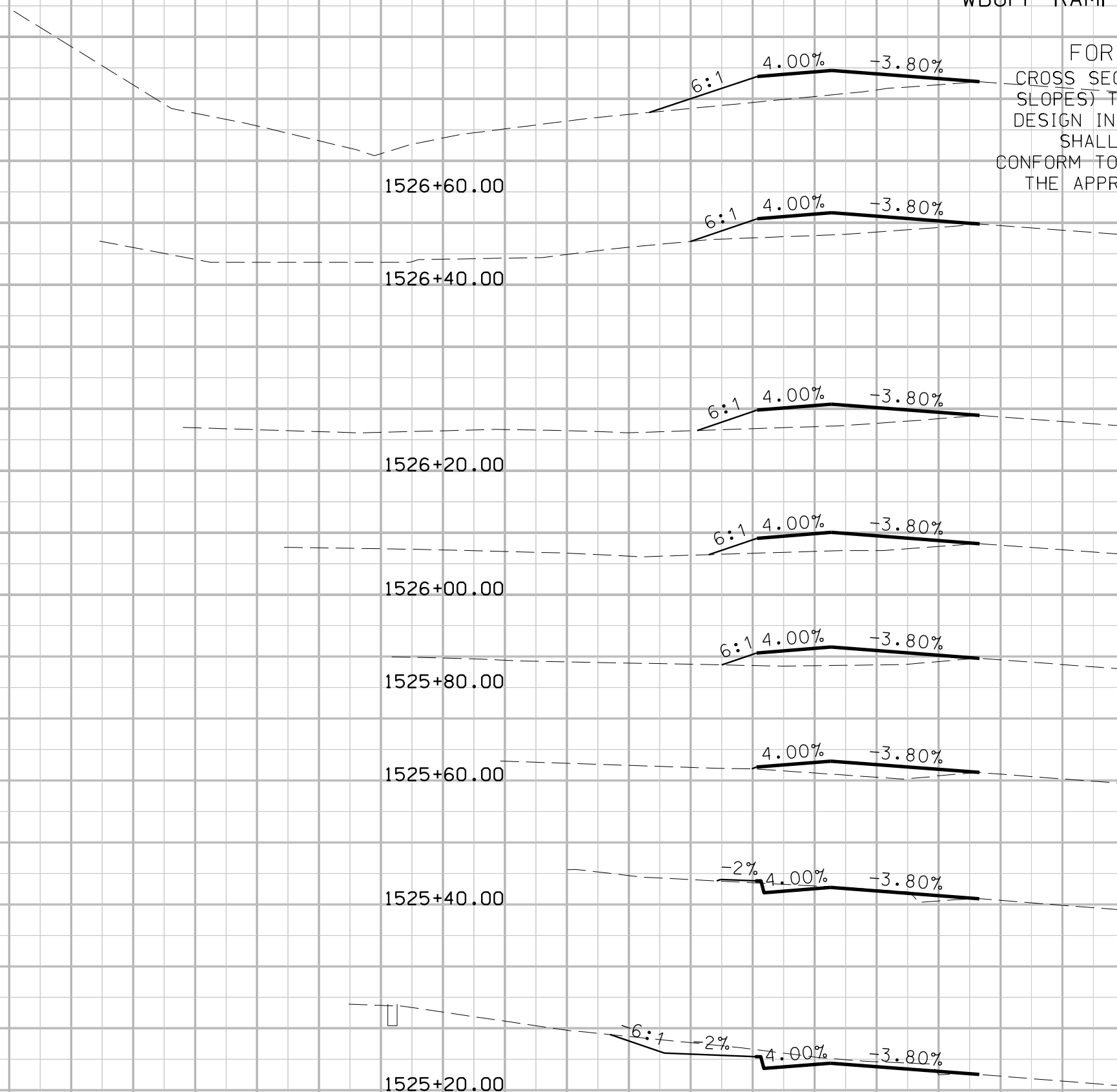


2.5'
SCALE
5'

125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

WBOFF RAMP NE TURN LANE

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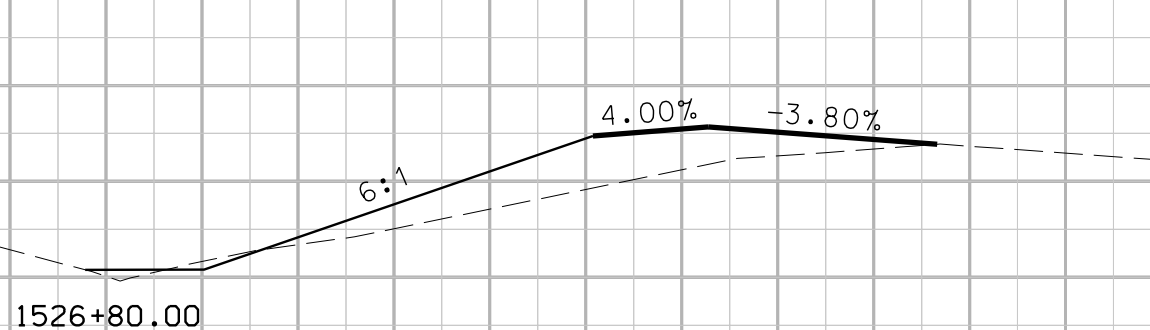
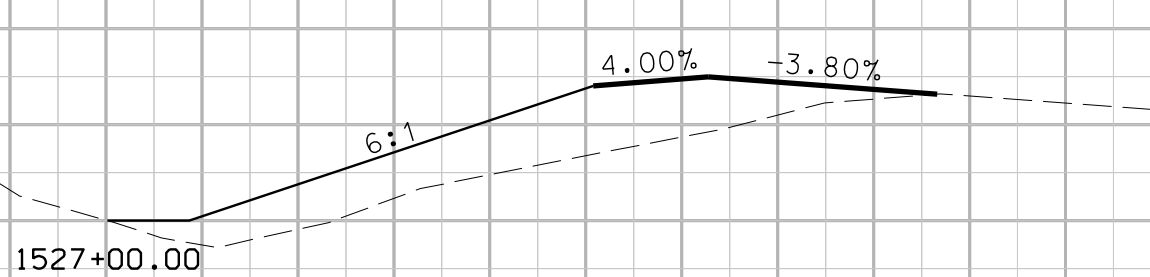
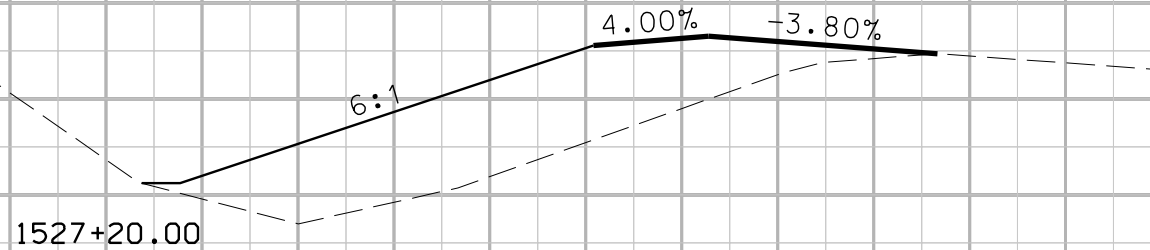
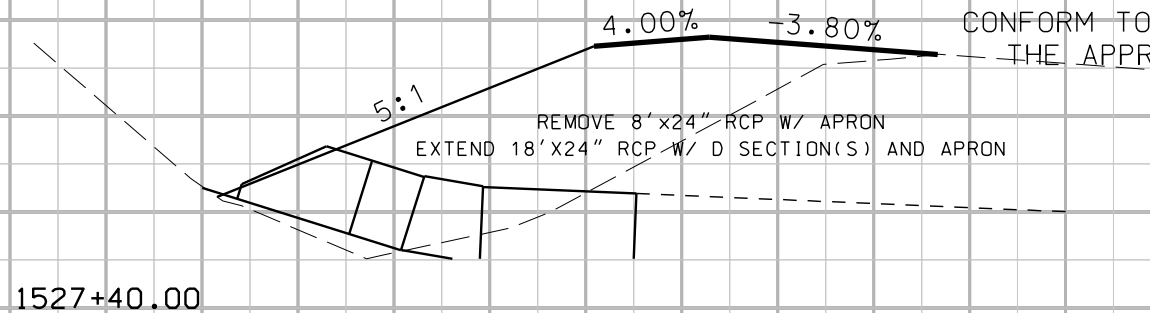


2.5'
SCALE
5'

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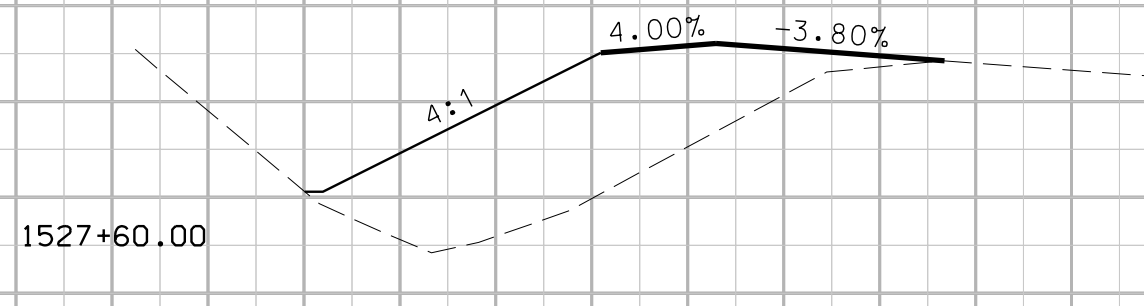
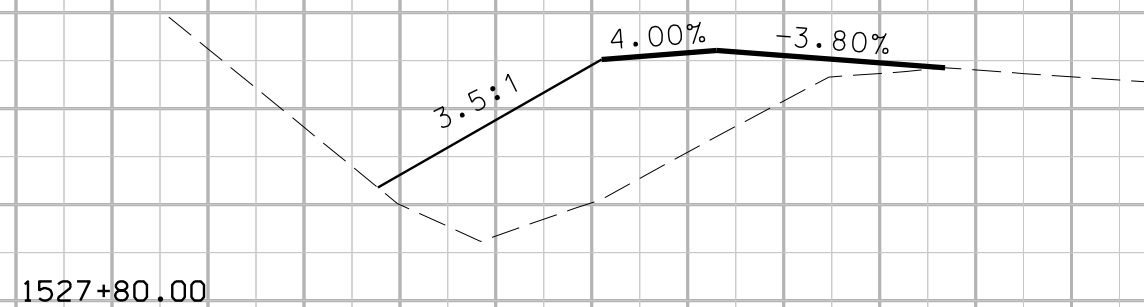
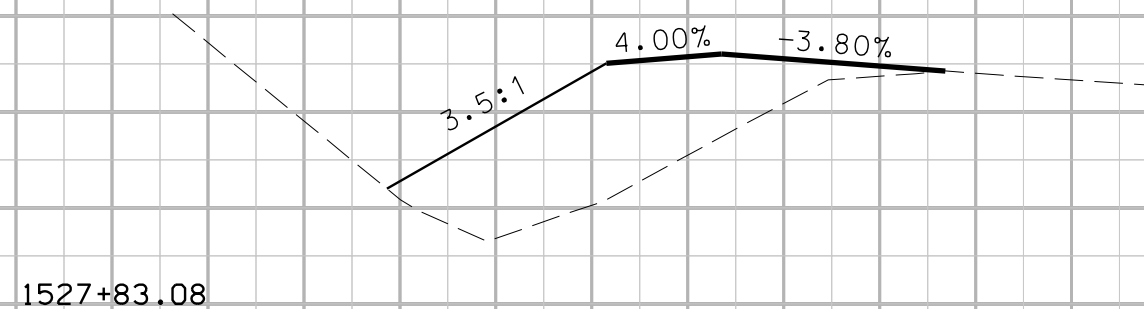
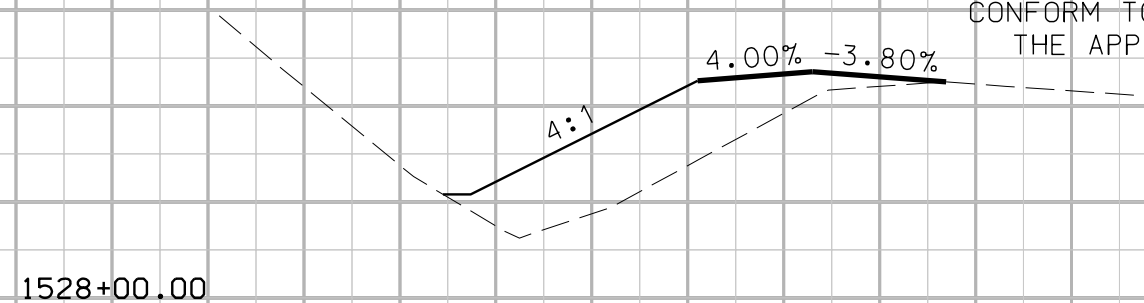


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SCALE
5'

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