	LEFT LANE			RIGHT LANE			
	Alignment:	TRNMID		Alignment:	TRNMID		
	Tie-In Cross Slope:	-1.94%		Tie-In Cross Slope:	-1.94%		
	Normal Crown:	1.60%		Normal Crown:	-1.60%		
	Width (ft):	13		Width (ft):	13		
	Design Speed (mph):	25		Design Speed (mph):	25		
	G-Value:	143		G-Value:	143		
	b_w:	1		b_w:	1		
	L=	65.81		L=	6.32		
	use L=	66.00		use L=	6.50		
	Begin Rotation:	50+50.00		Begin Rotation:	50+50.00		
	End Rotation:	51+16.00		End Rotation:	50+56.50		

BURGESS & NIPLE COMPUTATION SHEET

JOB NO.	40566	JOB NAME	Cleveland Innerbelt		SHEET	1 OF 1	SHEETS
SUBJECT	TRNMID Carnegie Tie-in			PREPARED BY	ENL	DATE	2/3/2010
SCALE				CHECKED BY	XXX	DATE	XX/XX/XX

LEFT LANE			RIGHT LANE		
Alignment:	TRNMID		Alignment:	TRNMID	
Tie-In Cross Slope:	-0.72%		Tie-In Cross Slope:	-0.72%	
Normal Crown:	1.60%		Normal Crown:	-1.60%	
Width (ft):	13		Width (ft):	13	
Design Speed (mph):	25		Design Speed (mph):	25	
G-Value:	143		G-Value:	143	
b_w:	1		b_w:	1	
L=	43.13		L=	16.36	
use L=	43.50		use L=	16.50	
Begin Rotation:	54+81.50		Begin Rotation:	55+08.50	
End Rotation:	55+25.00		End Rotation:	55+25.00	

BURGESS & NIPLE COMPUTATION SHEET

JOB NO.	40566	JOB NAME	Cleveland Innerbelt		SHEET	1 OF 1	SHEETS
SUBJECT	TRNMID Prospect Tie-in			PREPARED BY	ENL	DATE	2/3/2010
SCALE				CHECKED BY	XXX	DATE	XX/XX/XX

LEFT LANE			RIGHT LANE		
Alignment:	TRNMID		Alignment:	TRNMID	
Tie-In Cross Slope:	-0.74%		Tie-In Cross Slope:	-0.74%	
Normal Crown:	1.60%		Normal Crown:	-1.60%	
Width (ft):	13		Width (ft):	13	
Design Speed (mph):	25		Design Speed (mph):	25	
G-Value:	143		G-Value:	143	
b_w:	1		b_w:	1	
L=	43.50		L=	15.99	
use L=	43.50		use L=	16.00	
Begin Rotation:	56+00.00		Begin Rotation:	56+00.00	
End Rotation:	56+43.50		End Rotation:	56+16.00	

BURGESS & NIPLE COMPUTATION SHEET

JOB NO.	40566	JOB NAME	Cleveland Innerbelt		SHEET	1 OF 1	SHEETS
SUBJECT	TRNMID Prospect Tie-in			PREPARED BY	ENL	DATE	2/3/2010
SCALE				CHECKED BY	XXX	DATE	XX/XX/XX

	LEFT LANE			RIGHT LANE			
	Alignment:	TRNMID		Alignment:	TRNMID		
	Tie-In Cross Slope:	-1.78%		Tie-In Cross Slope:	-1.78%		
	Normal Crown:	1.60%		Normal Crown:	-1.60%		
	Width (ft):	13		Width (ft):	13		
	Design Speed (mph):	25		Design Speed (mph):	25		
	G-Value:	143		G-Value:	143		
	b_w:	1		b_w:	1		
	L=	62.83		L=	3.35		
	use L=	63.00		use L=	3.50		
	Begin Rotation:	59+62.00		Begin Rotation:	60+21.50		
	End Rotation:	60+25.00		End Rotation:	60+25.00		

BURGESS & NIPLE COMPUTATION SHEET

JOB NO.	40566	JOB NAME	Cleveland Innerbelt		SHEET	1 OF 1	SHEETS
SUBJECT	TRNMID Prospect Tie-in			PREPARED BY	ENL	DATE	2/3/2010
SCALE				CHECKED BY	XXX	DATE	XX/XX/XX

	LEFT LANE			RIGHT LANE			
	Alignment:	TRNMID		Alignment:	TRNMID		
	Tie-In Cross Slope:	-1.78%		Tie-In Cross Slope:	-1.78%		
	Normal Crown:	1.60%		Normal Crown:	-1.60%		
	Width (ft):	13		Width (ft):	13		
	Design Speed (mph):	25		Design Speed (mph):	25		
	G-Value:	143		G-Value:	143		
	b_w:	1		b_w:	1		
	L=	62.83		L=	3.35		
	use L=	63.00		use L=	3.50		
	Begin Rotation:	61+00.00		Begin Rotation:	61+00.00		
	End Rotation:	61+63.00		End Rotation:	61+03.50		

BURGESS & NIPLE COMPUTATION SHEET

JOB NO.	40566	JOB NAME	Cleveland Innerbelt		SHEET	1 OF 1	SHEETS
SUBJECT	TRNMID Prospect Tie-in			PREPARED BY	ENL	DATE	2/3/2010
SCALE				CHECKED BY	XXX	DATE	XX/XX/XX

	LEFT LANE			RIGHT LANE			
	Alignment:	TRNMID		Alignment:	TRSMID		
	Tie-In Cross Slope:	-1.04%		Tie-In Cross Slope:	-1.04%		
	Normal Crown:	1.60%		Normal Crown:	-1.60%		
	Width (ft):	13		Width (ft):	13		
	Design Speed (mph):	25		Design Speed (mph):	25		
	G-Value:	143		G-Value:	143		
	b_w:	1		b_w:	1		
	L=	49.08		L=	10.41		
	use L=	49.50		use L=	10.50		
	Begin Rotation:	67+20.50		Begin Rotation:	67+59.50		
	End Rotation:	67+70.00		End Rotation:	67+70.00		

BURGESS & NIPLE COMPUTATION SHEET

JOB NO.	40566	JOB NAME	Cleveland Innerbelt		SHEET	1 OF 1	SHEETS
SUBJECT	TRNMID Chester Tie-in			PREPARED BY	ENL	DATE	2/3/2010
SCALE				CHECKED BY	XXX	DATE	XX/XX/XX