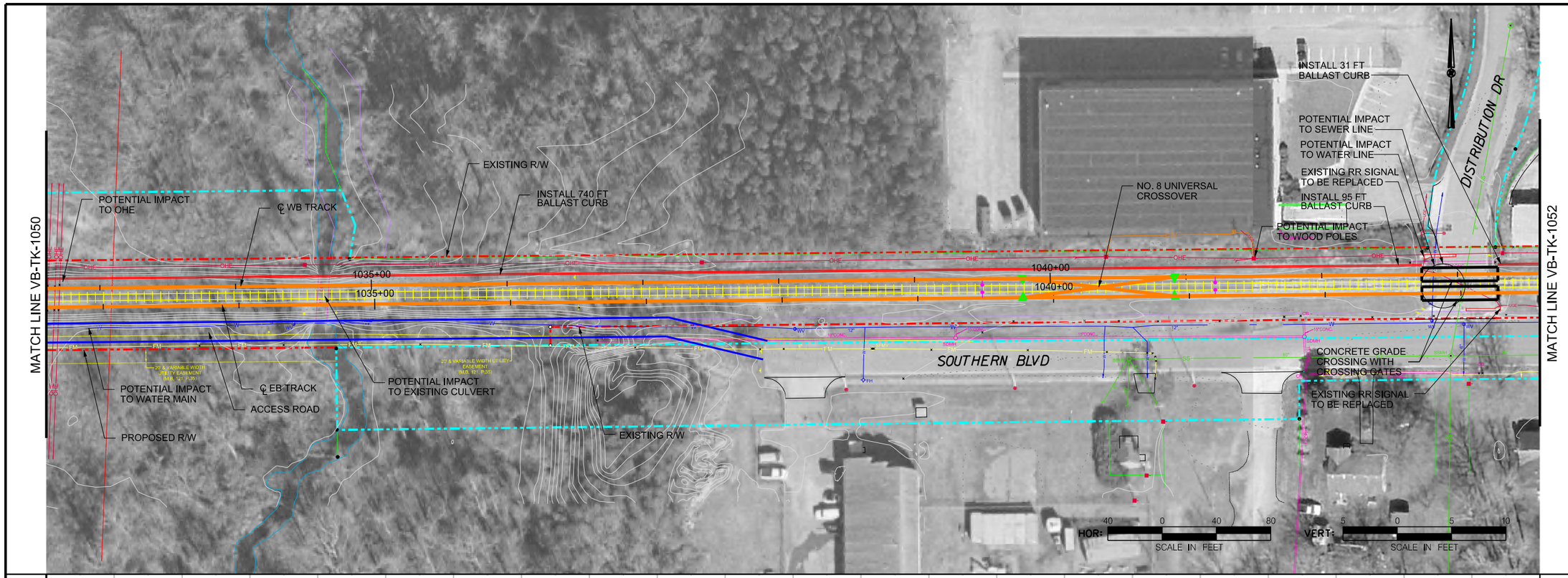
9:41:53 AM

8/30/2013

c:\pwworking\pitt\d0203957\S_VB-TK-1051.dgn



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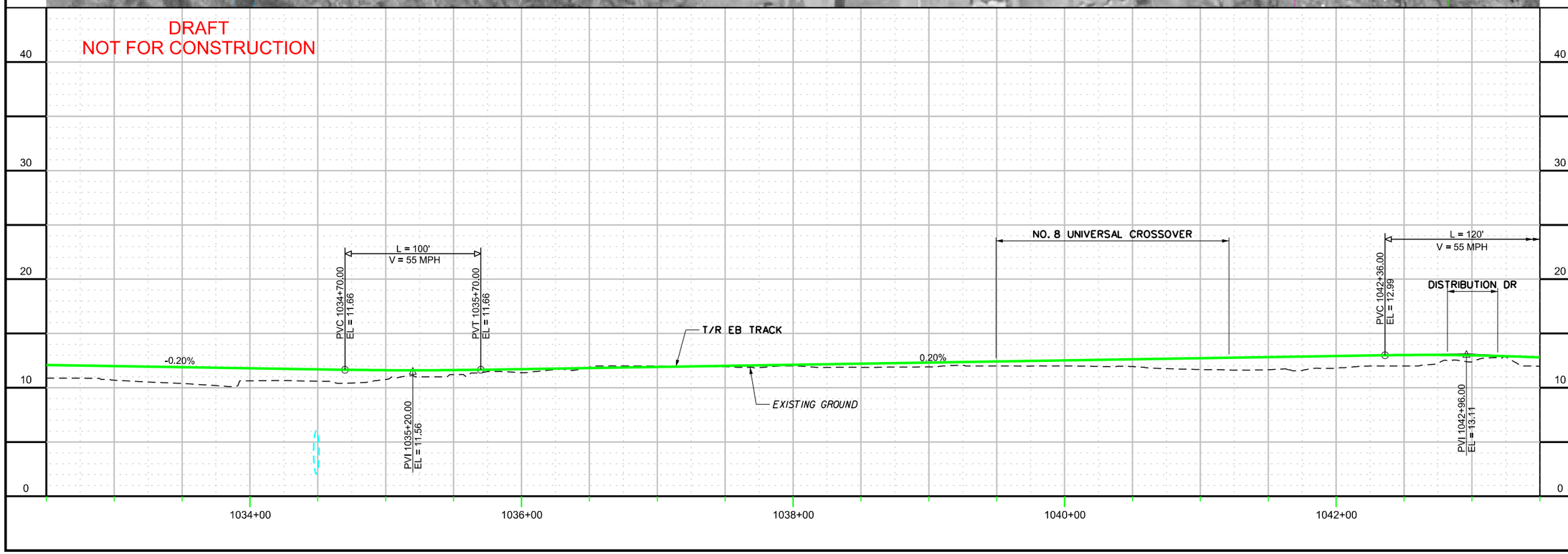


CONTRACT NO.

DRAWING NO. VB-TK-1051

OF

TRACK PLAN / PROFILE
SHEET 51 OF 52

DRAFT

APPR.	DATE	CHCK.	DATE	DRWN.	DATE	DESIGN	DATE
		KVL		SAB		SAB	

NO.	REVISION DESCRIPTION	BY	DATE

PLANS PREPARED BY:

HDR

HAMPTON ROADS TRANSIT

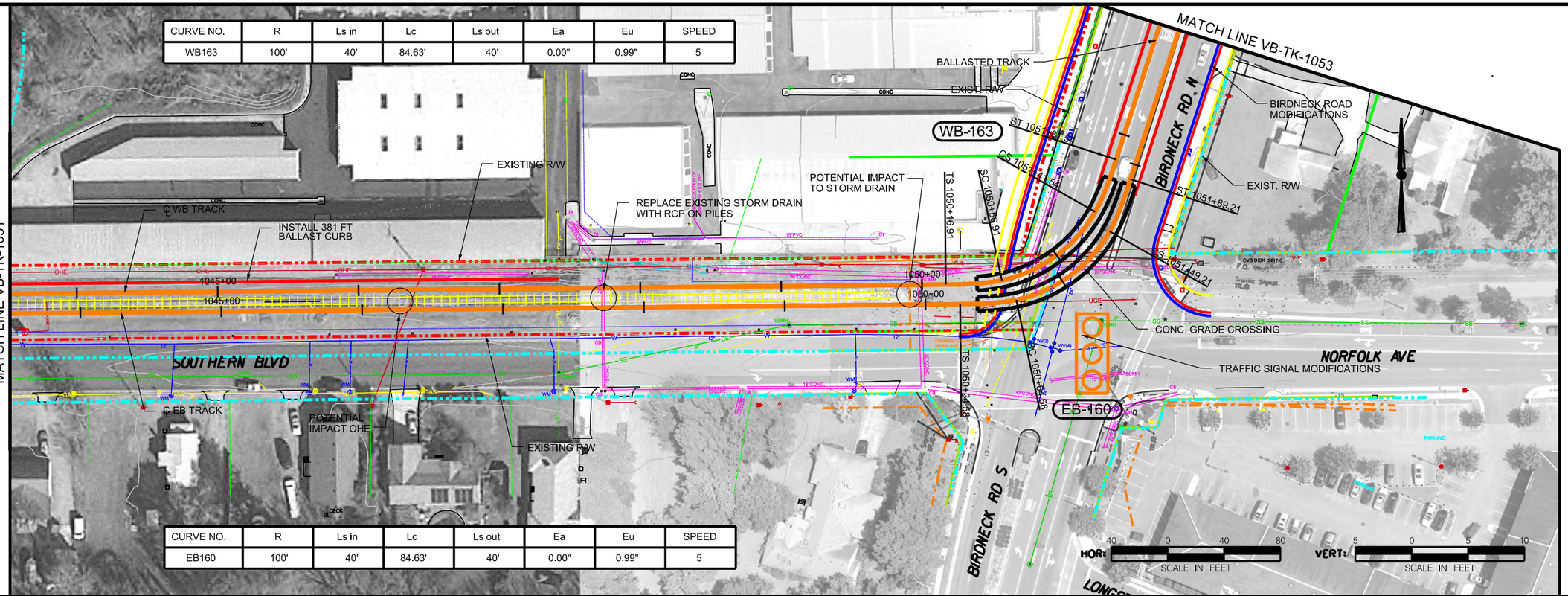
VIRGINIA BEACH TRANSIT EXTENSION STUDY

$TIME$

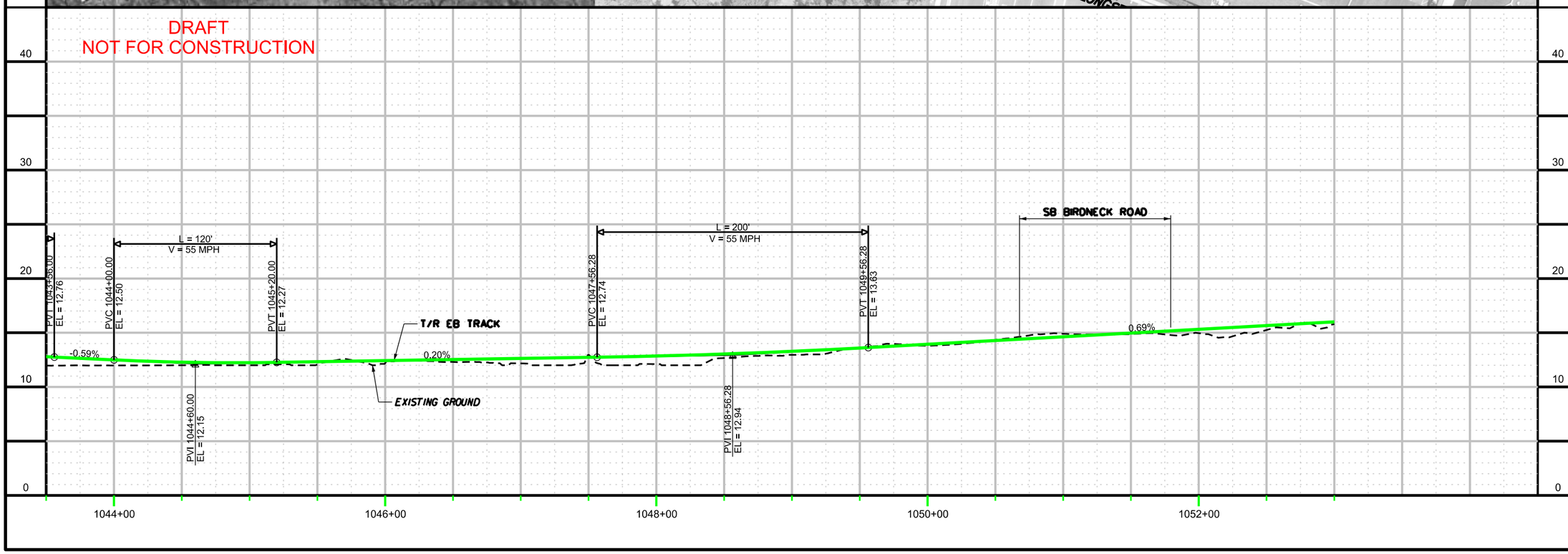
$DATE$

$FILE$

CURVE NO.	R	Ls in	Lc	Ls out	Ea	Eu	SPEED
WB163	100'	40'	84.63'	40'	0.00"	0.99"	5



CURVE NO.	R	Ls in	Lc	Ls out	Ea	Eu	SPEED
EB160	100'	40'	84.63'	40'	0.00"	0.99"	5



CONTRACT NO.

DRAWING NO. VB-TK-1052

OF

TRACK PLAN / PROFILE
SHEET 52 OF 52

DRAFT

DESIGN	DRAWN	CHCK	APPR	DATE	DATE	DATE	DATE
SAB	SAB	KVL					

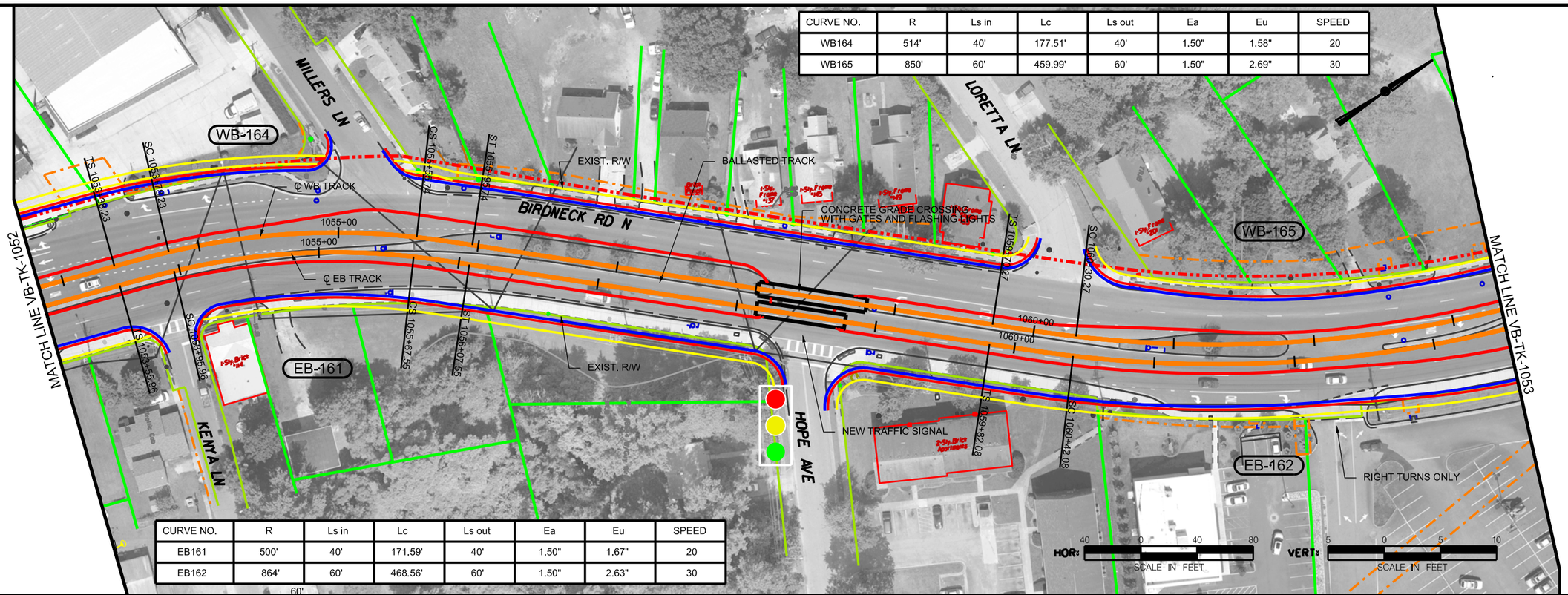
NO.	REVISION DESCRIPTION	BY	DATE

PLANS PREPARED BY:

HDR

HAMPTON ROADS TRANSIT

VIRGINIA BEACH TRANSIT EXTENSION STUDY



CURVE NO.	R	Ls in	Lc	Ls out	Ea	Eu	SPEED
WB164	514'	40'	177.51'	40'	1.50"	1.58"	20
WB165	850'	60'	459.99'	60'	1.50"	2.69"	30

CURVE NO.	R	Ls in	Lc	Ls out	Ea	Eu	SPEED
EB161	500'	40'	171.59'	40'	1.50"	1.67"	20
EB162	864'	60'	468.56'	60'	1.50"	2.63"	30

CONTRACT NO.

DRAWING NO. VB-TK-1053

OF

TRACK PLAN / PROFILE
SHEET 53 OF 60

DRAFT

NO.	REVISION DESCRIPTION	BY	DATE

APPR CKCK KVL DATE
DRWN SAB DATE
DESIGN SAB DATE

PLANS PREPARED BY: HDR

VIRGINIA BEACH TRANSIT EXTENSION STUDY

$TIME$
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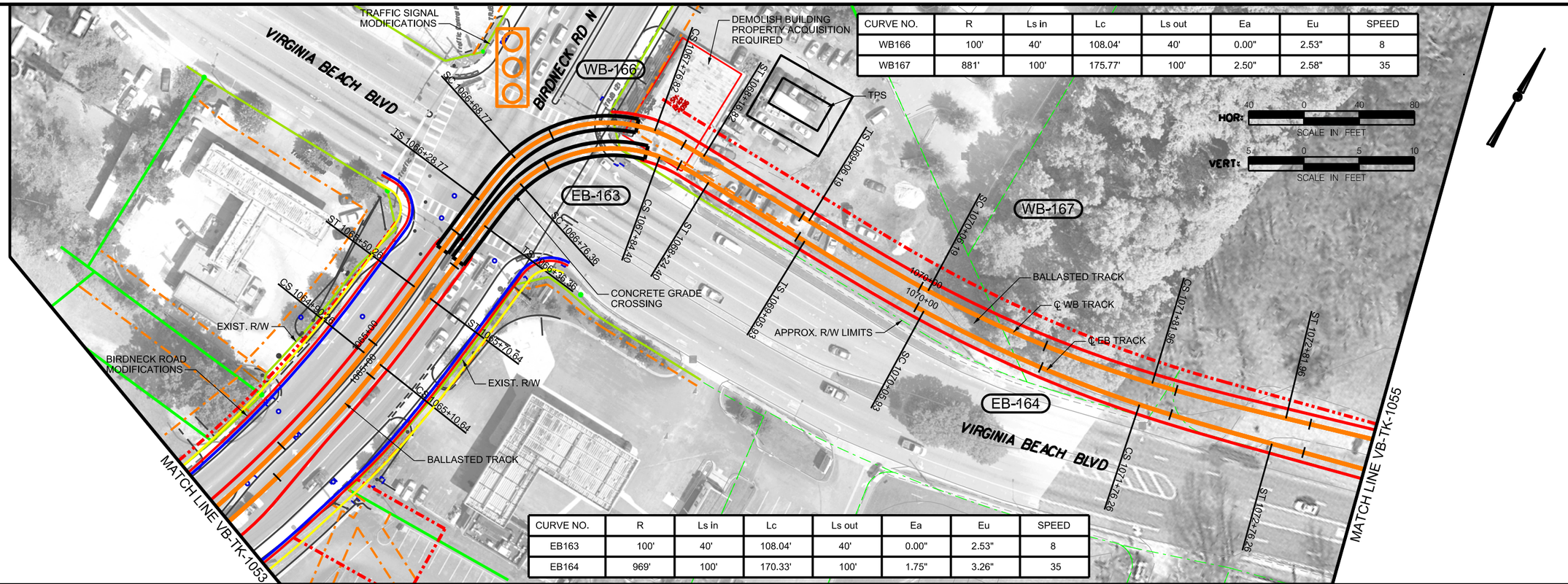
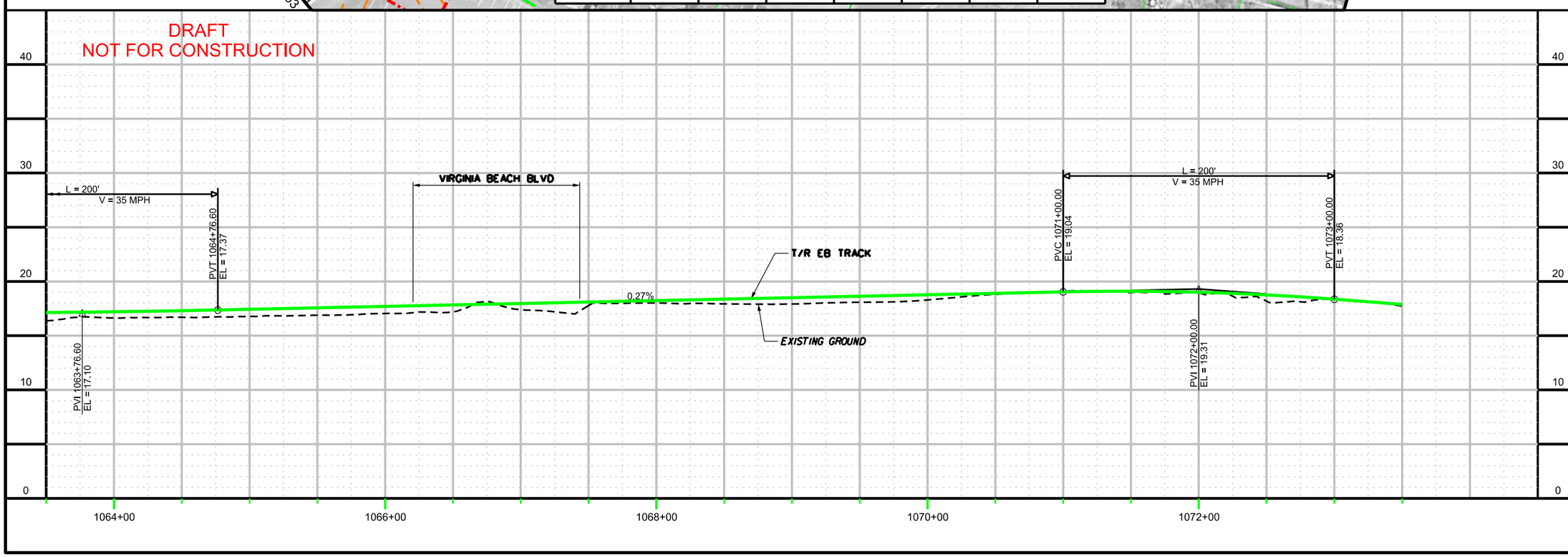


CURVE NO.	R	Ls in	Lc	Ls out	Ea	Eu	SPEED
WB166	100'	40'	108.04'	40'	0.00"	2.53"	8
WB167	881'	100'	175.77'	100'	2.50"	2.58"	35

CURVE NO.	R	Ls in	Lc	Ls out	Ea	Eu	SPEED
EB163	100'	40'	108.04'	40'	0.00"	2.53"	8
EB164	969'	100'	170.33'	100'	1.75"	3.26"	35



CONTRACT NO.

DRAWING NO. VB-TK-1054

OF

TRACK PLAN / PROFILE
SHEET 54 OF 60

DRAFT

	DATE	DATE	DATE	DATE
	SAB	SAB	KVL	
	DESIGN	DRAWN	CHCK	APPR

NO.	REVISION DESCRIPTION	BY	DATE

PLANS PREPARED BY:

HDR

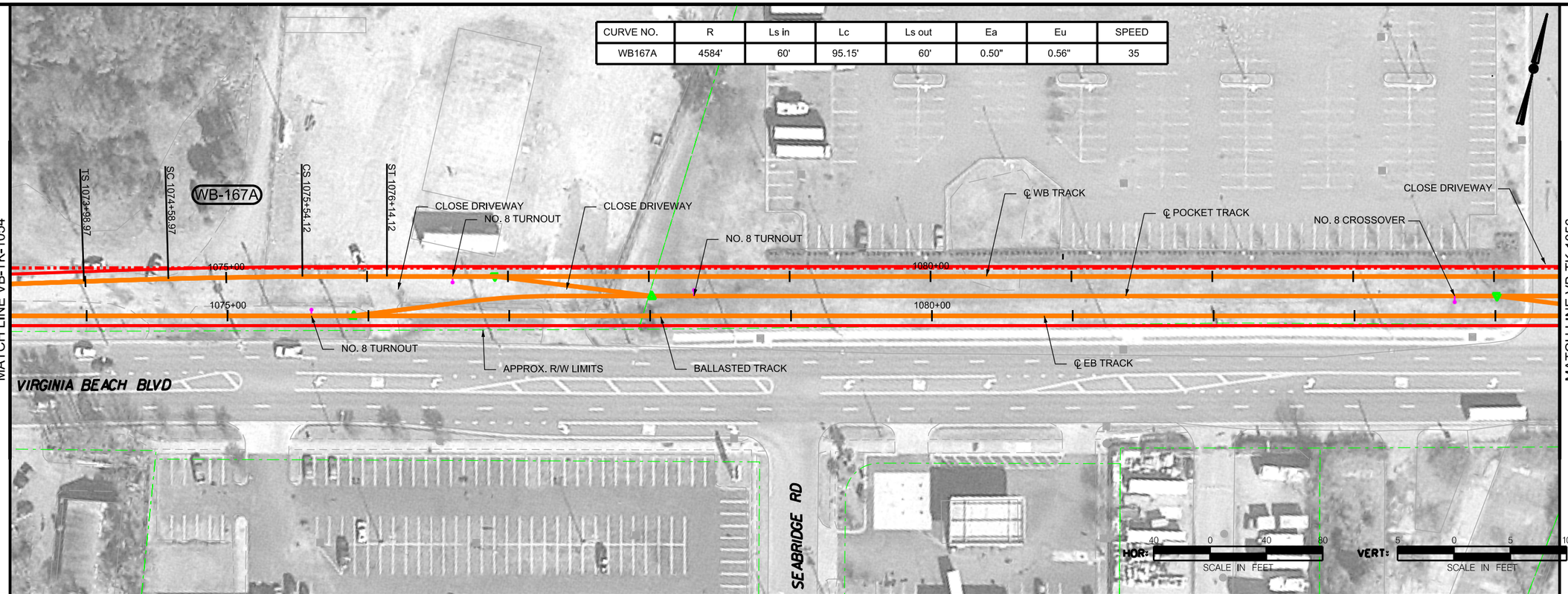
HAMPTON ROADS TRANSIT

VIRGINIA BEACH TRANSIT EXTENSION STUDY

$TIME$

$DATE$

CURVE NO.	R	Ls in	Lc	Ls out	Ea	Eu	SPEED
WB167A	4584'	60'	95.15'	60'	0.50"	0.56"	35



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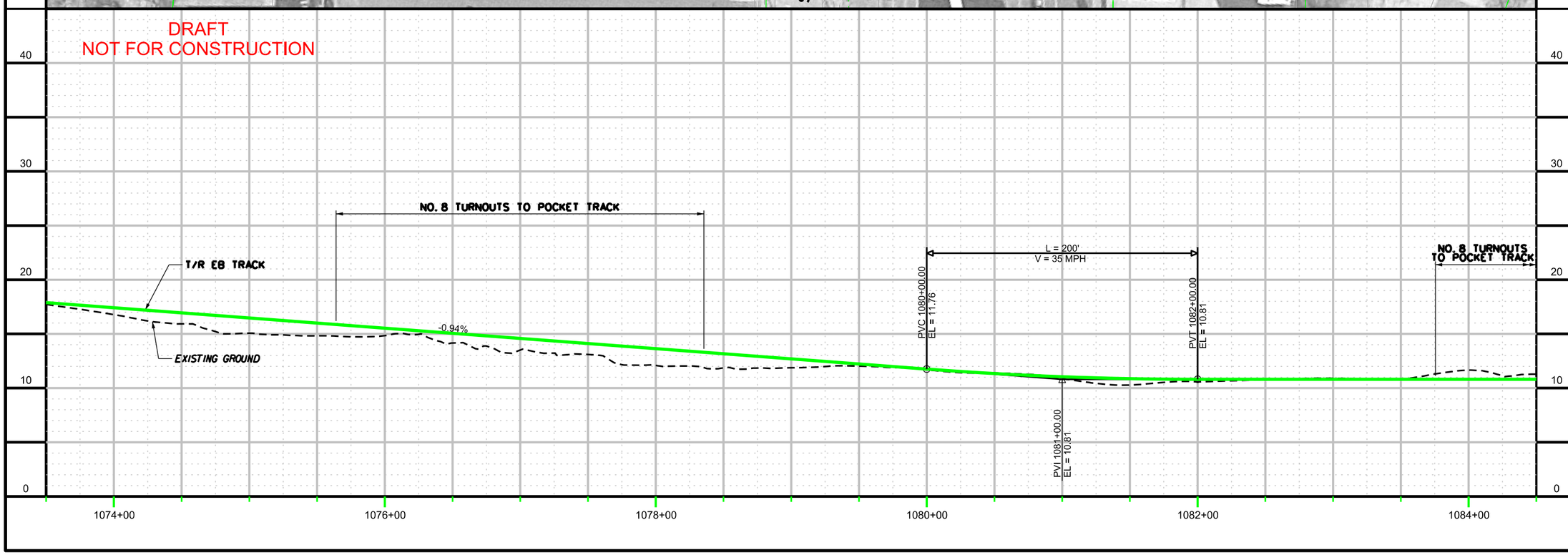


CONTRACT NO.

DRAWING NO. VB-TK-1055

OF

TRACK PLAN / PROFILE
SHEET 55 OF 60

DRAFT

APPR	CHCK	DRWN	DESIGN
KVL		SAB	SAB
DATE	DATE	DATE	DATE

NO.	REVISION DESCRIPTION	BY	DATE

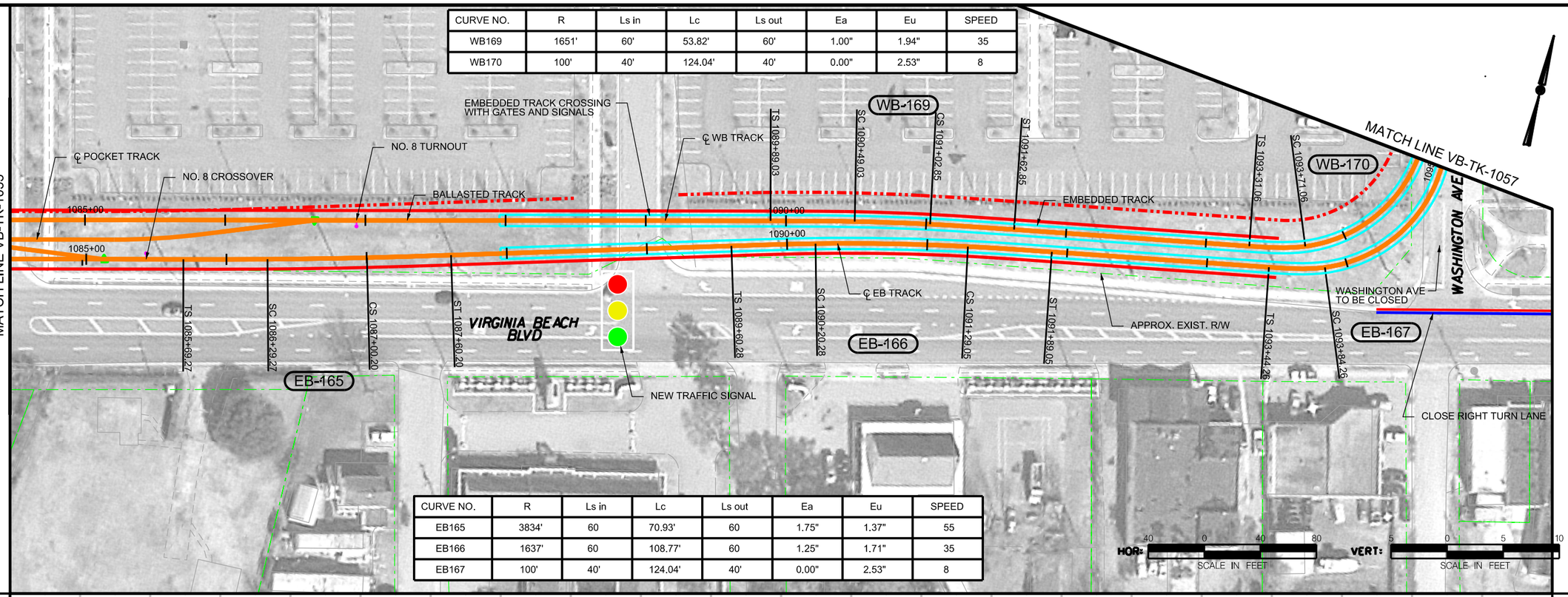
PLANS PREPARED BY:
HDR
HAMPTON ROADS TRANSIT

VIRGINIA BEACH TRANSIT EXTENSION STUDY

$FILE$

$TIME$

CURVE NO.	R	Ls in	Lc	Ls out	Ea	Eu	SPEED
WB169	1651'	60'	53.82'	60'	1.00"	1.94"	35
WB170	100'	40'	124.04'	40'	0.00"	2.53"	8



CURVE NO.	R	Ls in	Lc	Ls out	Ea	Eu	SPEED
EB165	3834'	60	70.93'	60	1.75"	1.37"	55
EB166	1637'	60	108.77'	60	1.25"	1.71"	35
EB167	100'	40'	124.04'	40'	0.00"	2.53"	8

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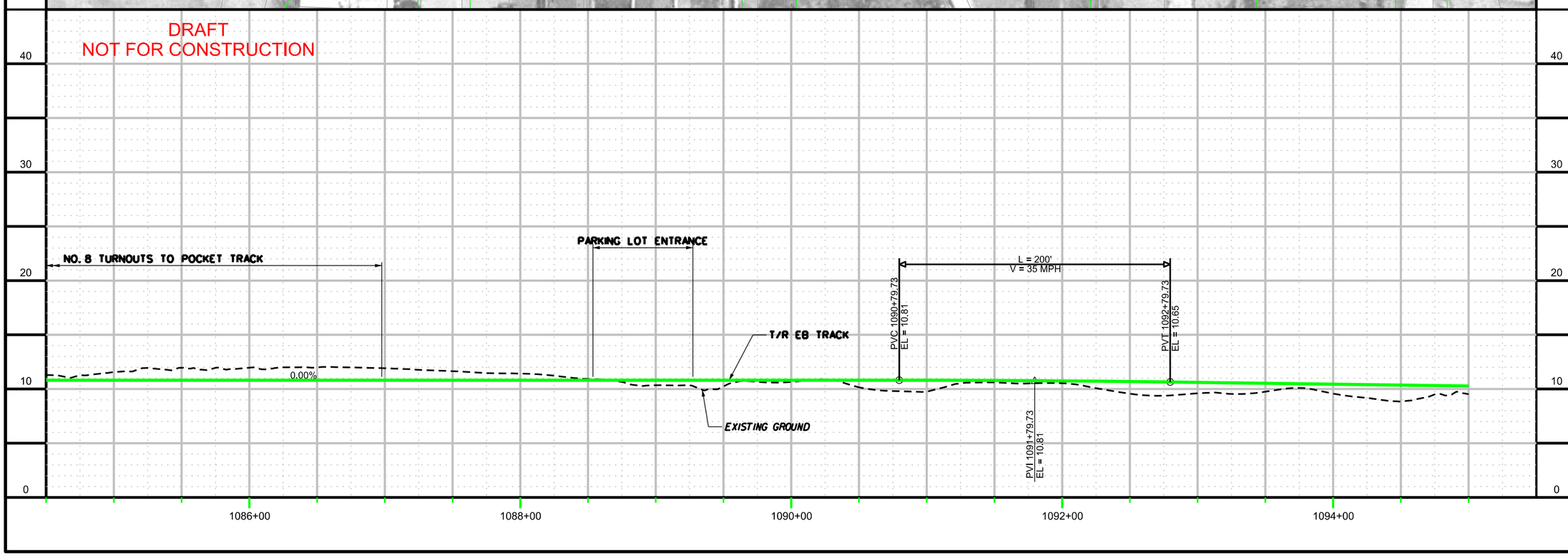
NOT FOR CONSTRUCTION



CONTRACT NO.

DRAWING NO. VB-TK-1056

OF

TRACK PLAN / PROFILE
SHEET 56 OF 60

DRAFT

DESIGN SAB	DRAWN SAB	CHCK KVL	APPR
DATE	DATE	DATE	DATE

NO.	REVISION DESCRIPTION	BY	DATE

PLANS PREPARED BY:
HDR
HAMPTON ROADS TRANSIT

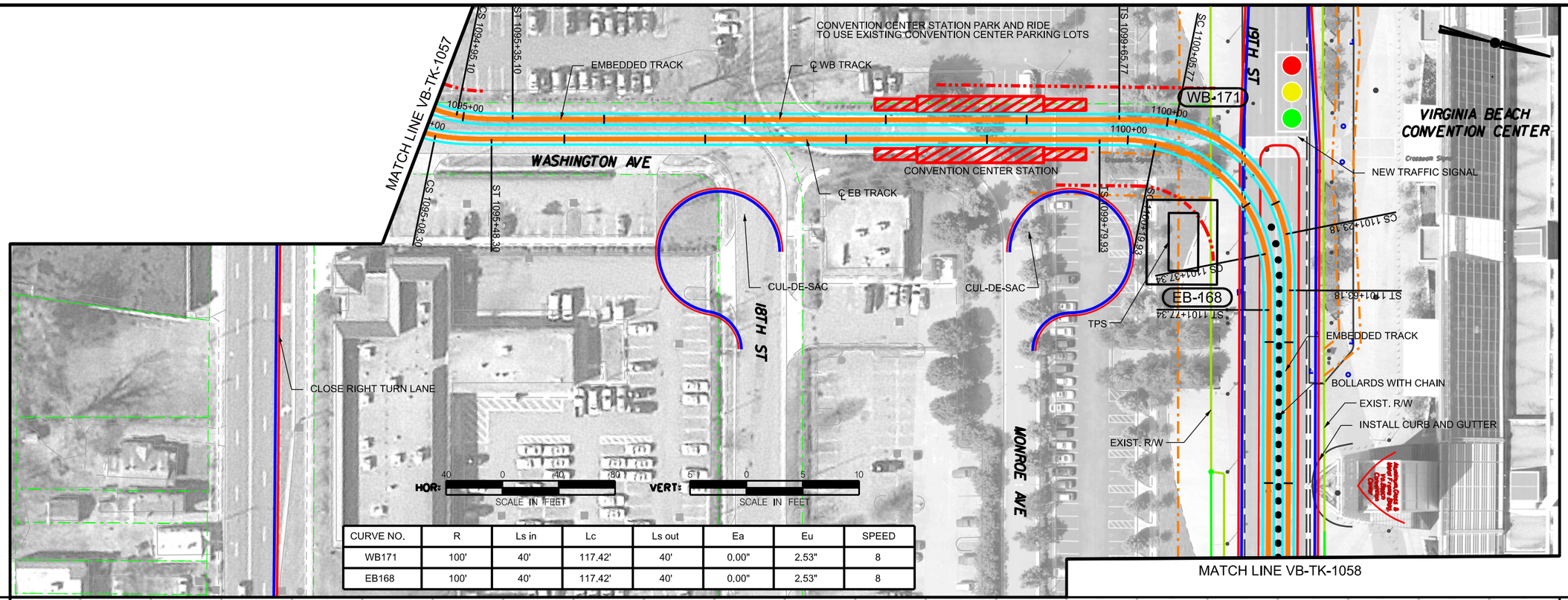
VIRGINIA BEACH TRANSIT EXTENSION STUDY

$DATE$

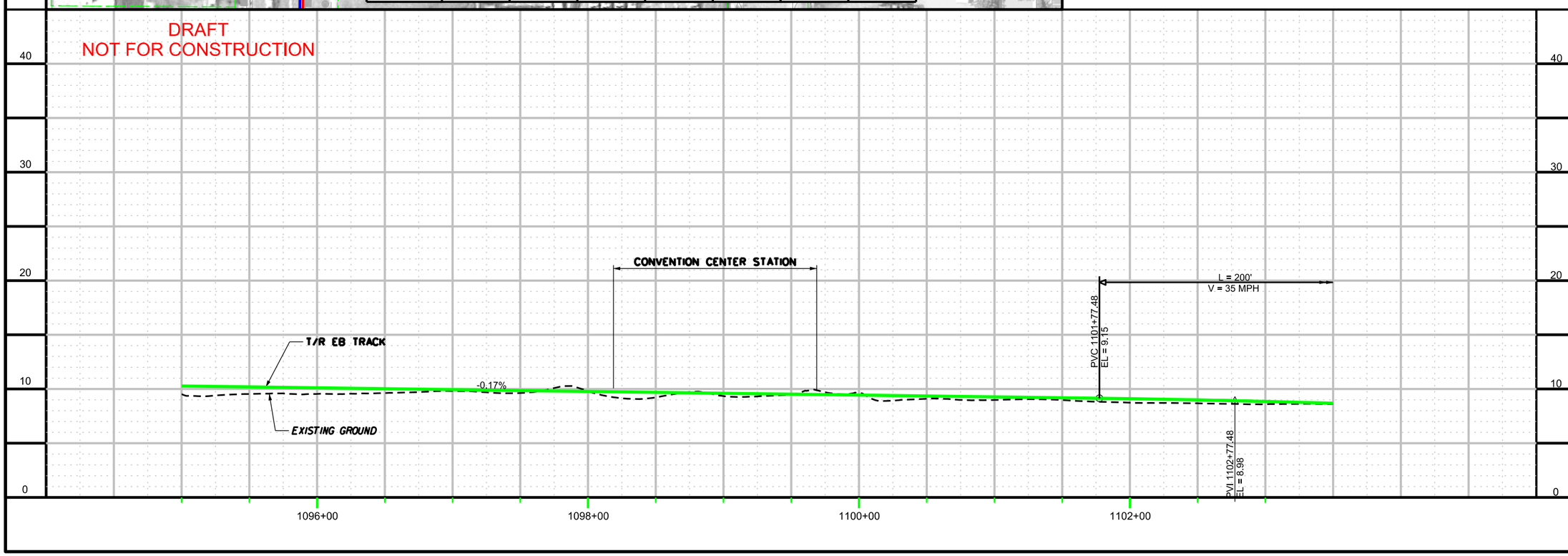
$FILE$

$TIME$

$DATE$



CURVE NO.	R	Ls in	Lc	Ls out	Ea	Eu	SPEED
WB171	100'	40'	117.42'	40'	0.00"	2.53"	8
EB168	100'	40'	117.42'	40'	0.00"	2.53"	8



CONTRACT NO.

DRAWING NO. VB-TK-1057

OF

TRACK PLAN / PROFILE
SHEET 57 OF 60

DRAFT

DESIGN SAB	DRAWN SAB	CHCK KVL	APPR
DATE	DATE	DATE	DATE

NO.	REVISION DESCRIPTION	BY	DATE

PLANS PREPARED BY:

HDR

HAMPTON ROADS TRANSIT

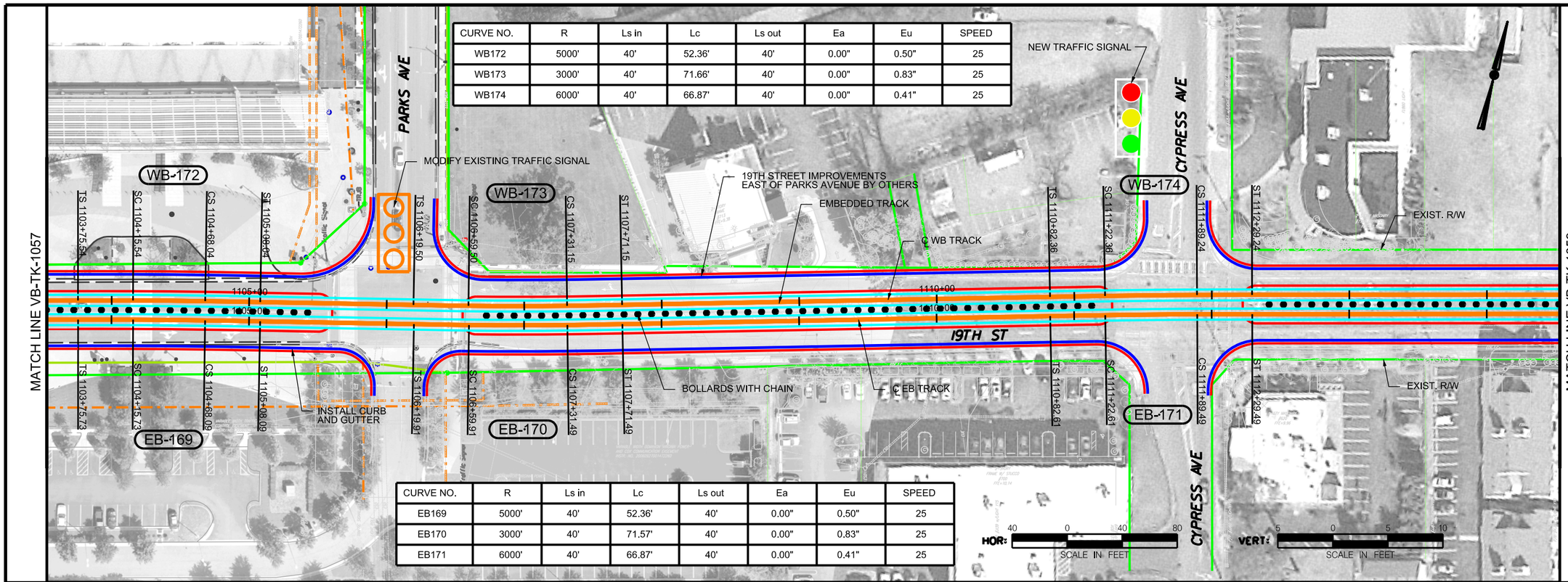
VIRGINIA BEACH TRANSIT EXTENSION STUDY

$FILE$

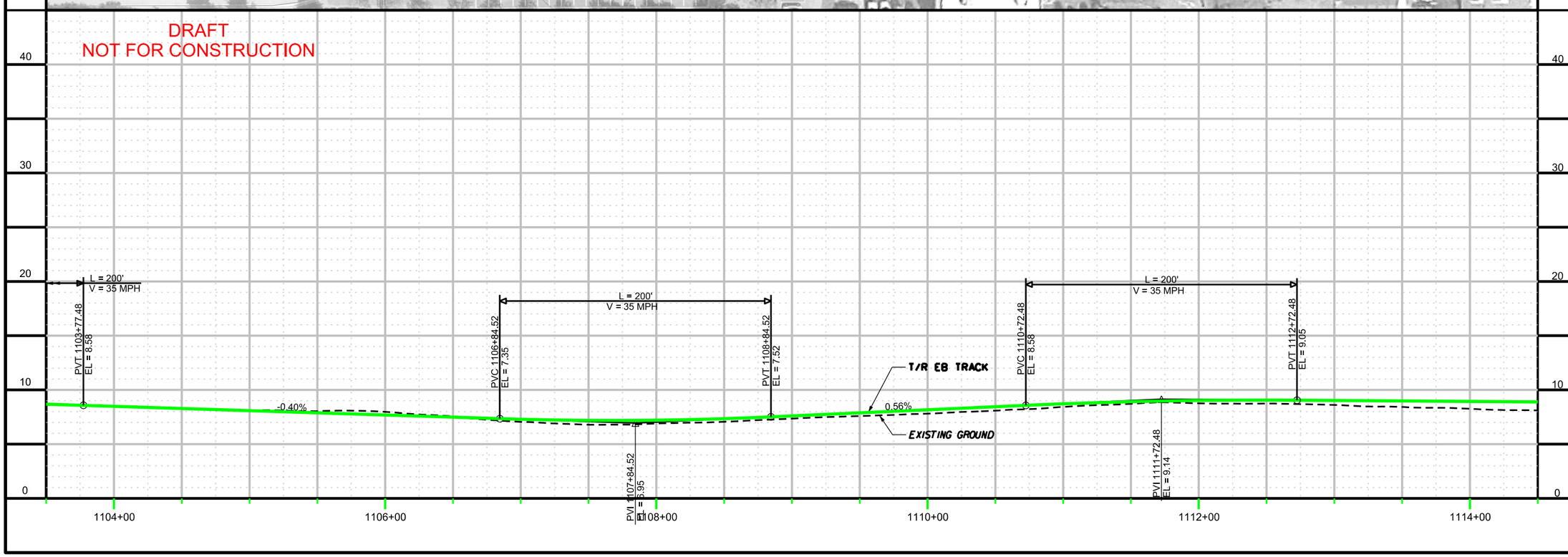
$TIME$

$DATE$

CURVE NO.	R	Ls in	Lc	Ls out	Ea	Eu	SPEED
WB172	5000'	40'	52.36'	40'	0.00"	0.50"	25
WB173	3000'	40'	71.66'	40'	0.00"	0.83"	25
WB174	6000'	40'	66.87'	40'	0.00"	0.41"	25



CURVE NO.	R	Ls in	Lc	Ls out	Ea	Eu	SPEED
EB169	5000'	40'	52.36'	40'	0.00"	0.50"	25
EB170	3000'	40'	71.57'	40'	0.00"	0.83"	25
EB171	6000'	40'	66.87'	40'	0.00"	0.41"	25



CONTRACT NO.

DRAWING NO. VB-TK-1058

OF

TRACK PLAN / PROFILE
SHEET 58 OF 60

DRAFT

NO.	REVISION DESCRIPTION	BY	DATE

APPR.	CHCK.	DRWN.	DESIGN
KVL		SAB	SAB
DATE	DATE	DATE	DATE

PLANS PREPARED BY:

HDR

HAMPTON ROADS TRANSIT

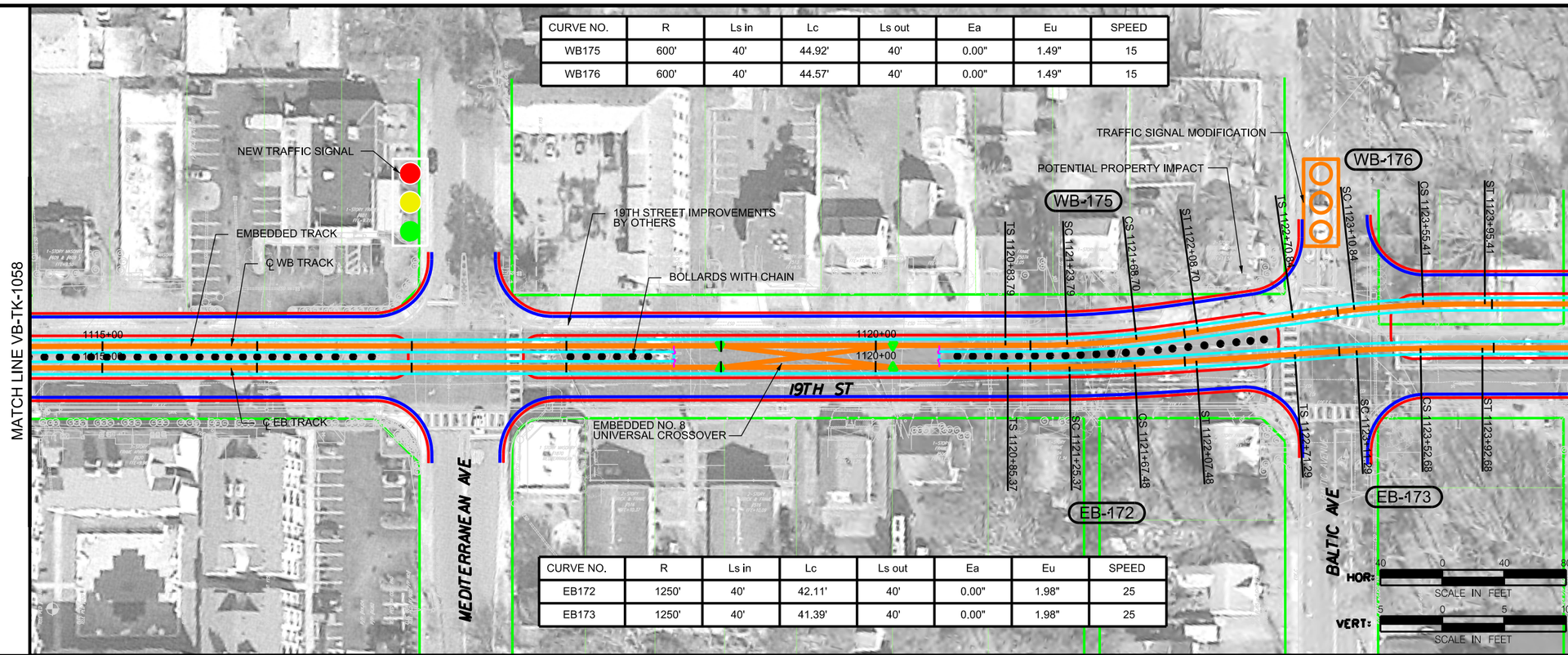
VIRGINIA BEACH TRANSIT EXTENSION STUDY

$FILE$

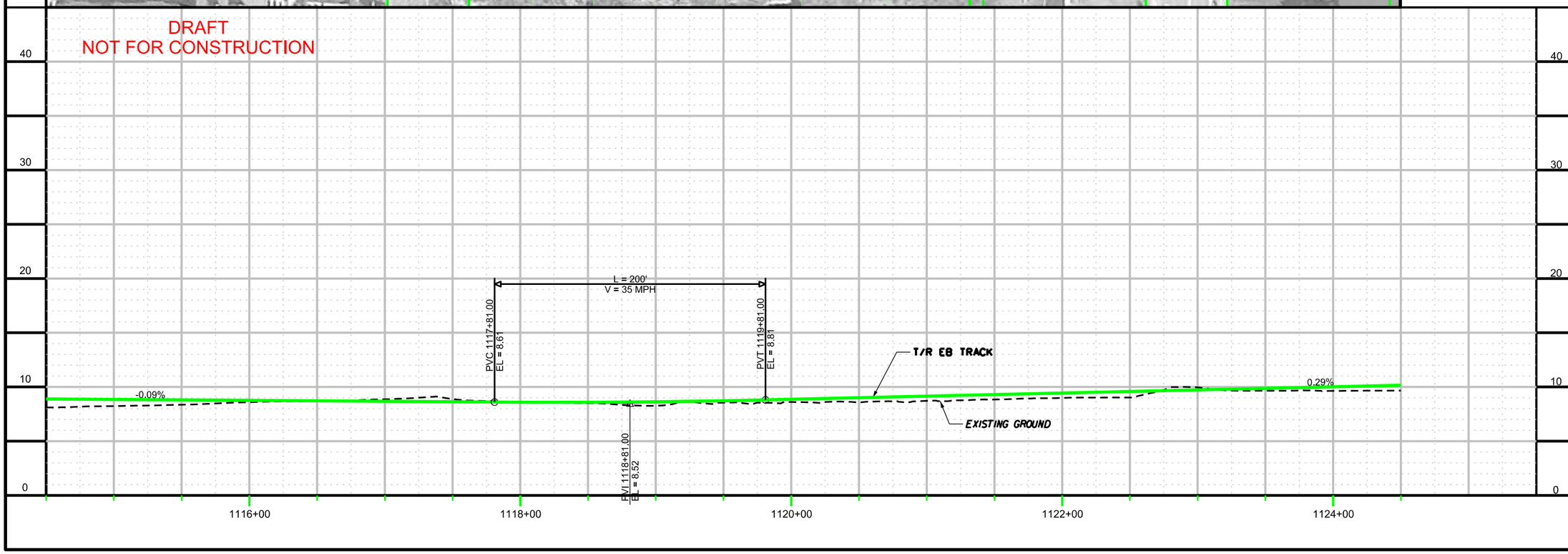
$TIME$

$DATE$

CURVE NO.	R	Ls in	Lc	Ls out	Ea	Eu	SPEED
WB175	600'	40'	44.92'	40'	0.00"	1.49"	15
WB176	600'	40'	44.57'	40'	0.00"	1.49"	15



CURVE NO.	R	Ls in	Lc	Ls out	Ea	Eu	SPEED
EB172	1250'	40'	42.11'	40'	0.00"	1.98"	25
EB173	1250'	40'	41.39'	40'	0.00"	1.98"	25



CONTRACT NO.

DRAWING NO. VB-TK-1059

OF

TRACK PLAN / PROFILE
SHEET 59 OF 60

DRAFT

DESIGN	DRAWN	CHCK	APPR	DATE
SAB	SAB	KVL		

NO.	REVISION DESCRIPTION	BY	DATE

PLANS PREPARED BY:

HDR

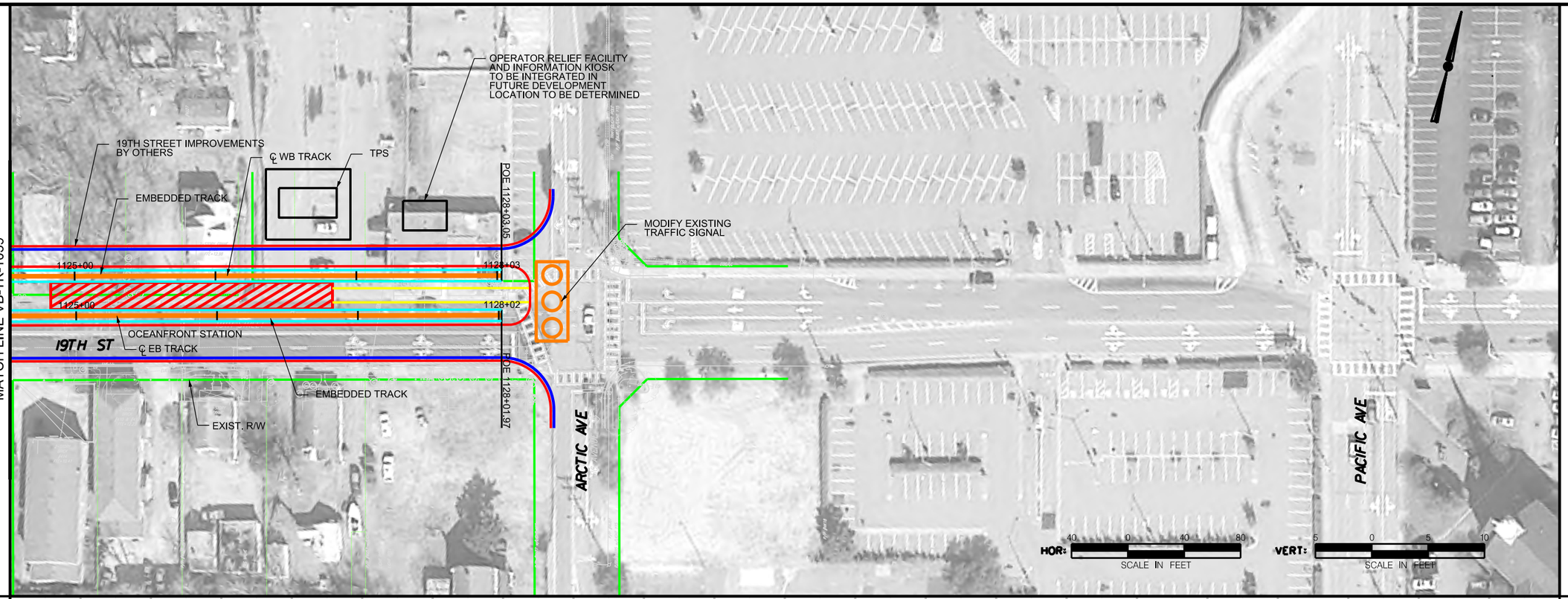
HAMPTON ROADS TRANSIT

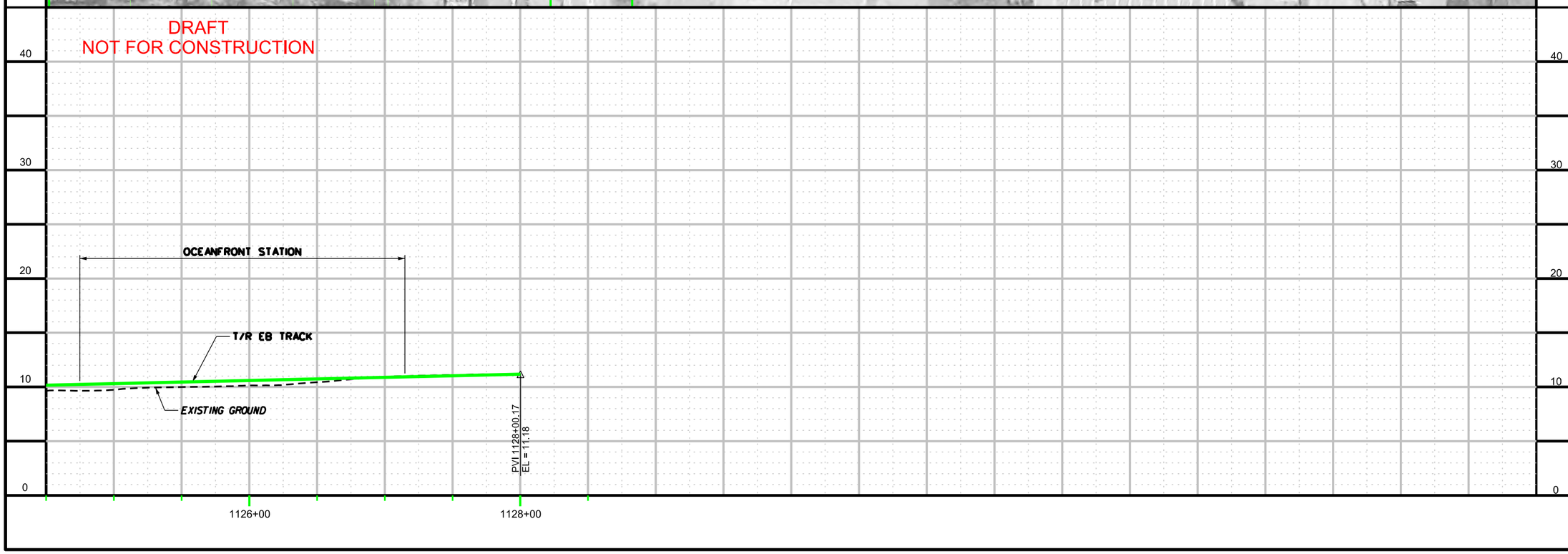
VIRGINIA BEACH TRANSIT EXTENSION STUDY

$FILE$

$TIME$

$DATE$





CONTRACT NO.

DRAWING NO. VB-TK-1060

OF

TRACK PLAN / PROFILE
SHEET 60 OF 60

DRAFT

DESIGN SAB	DRAWN SAB	CHCK KVL	APPR
DATE	DATE	DATE	DATE

NO.	REVISION DESCRIPTION	BY	DATE

PLANS PREPARED BY:

HDR

HAMPTON ROADS TRANSIT

VIRGINIA BEACH TRANSIT EXTENSION STUDY

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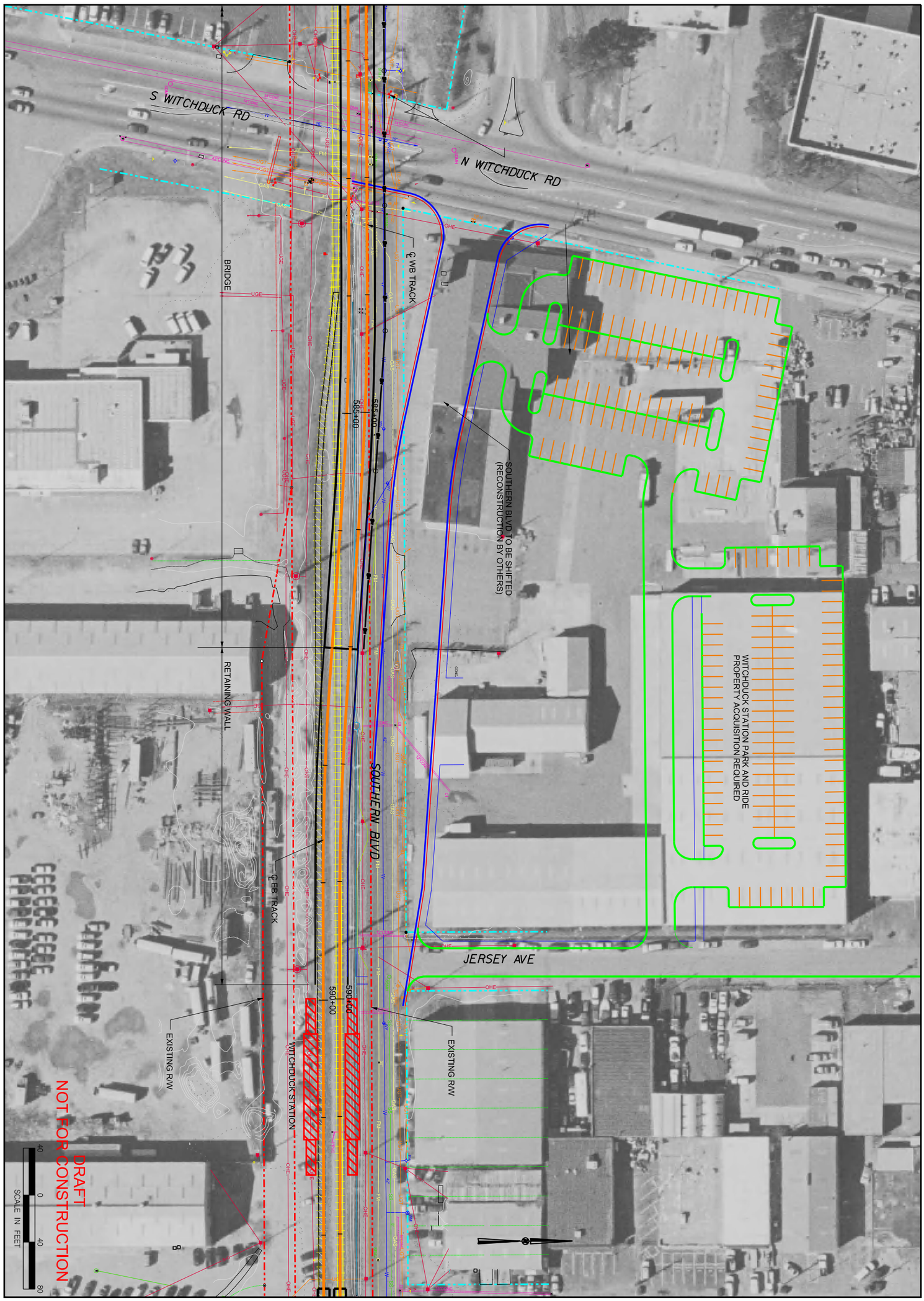
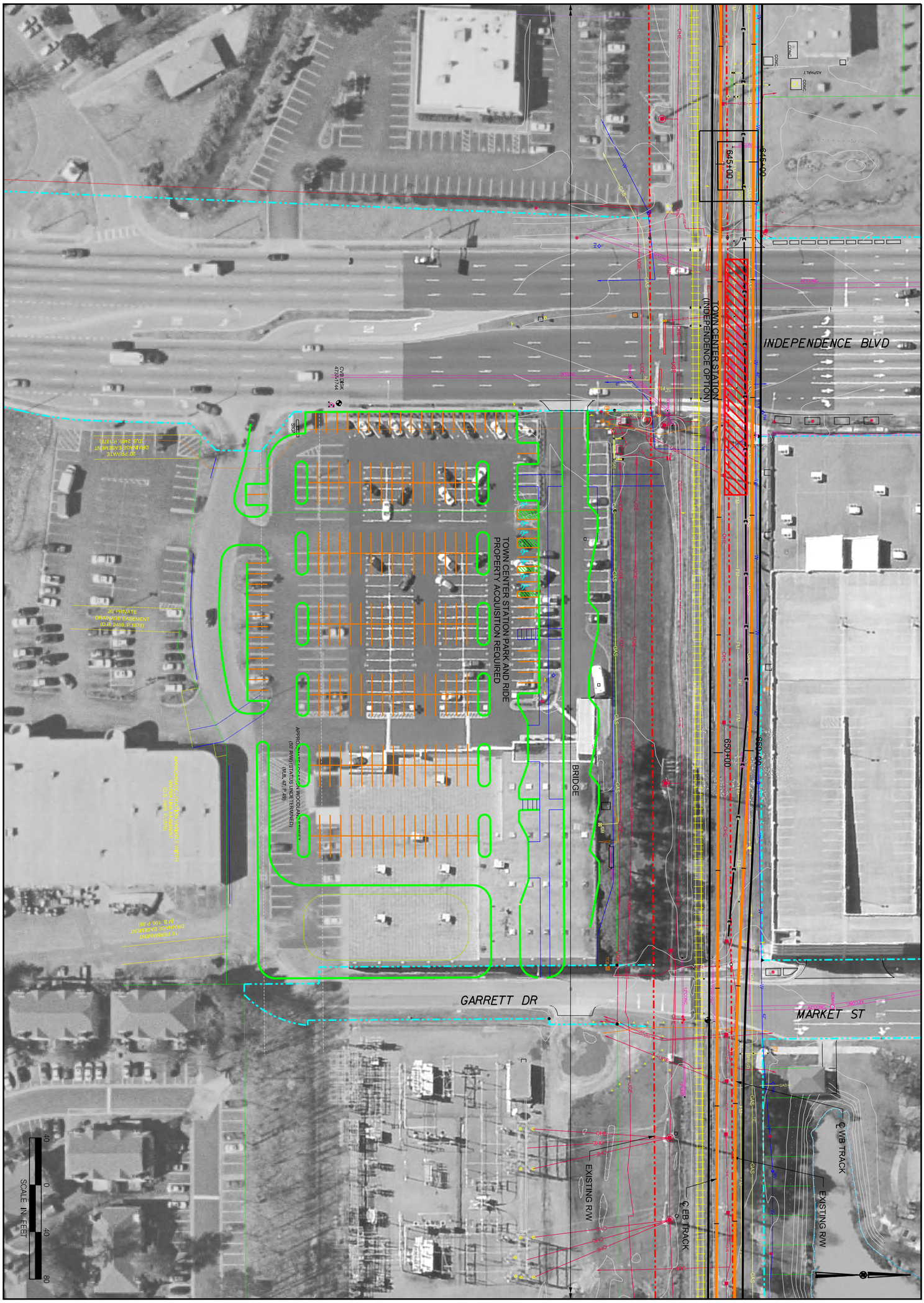
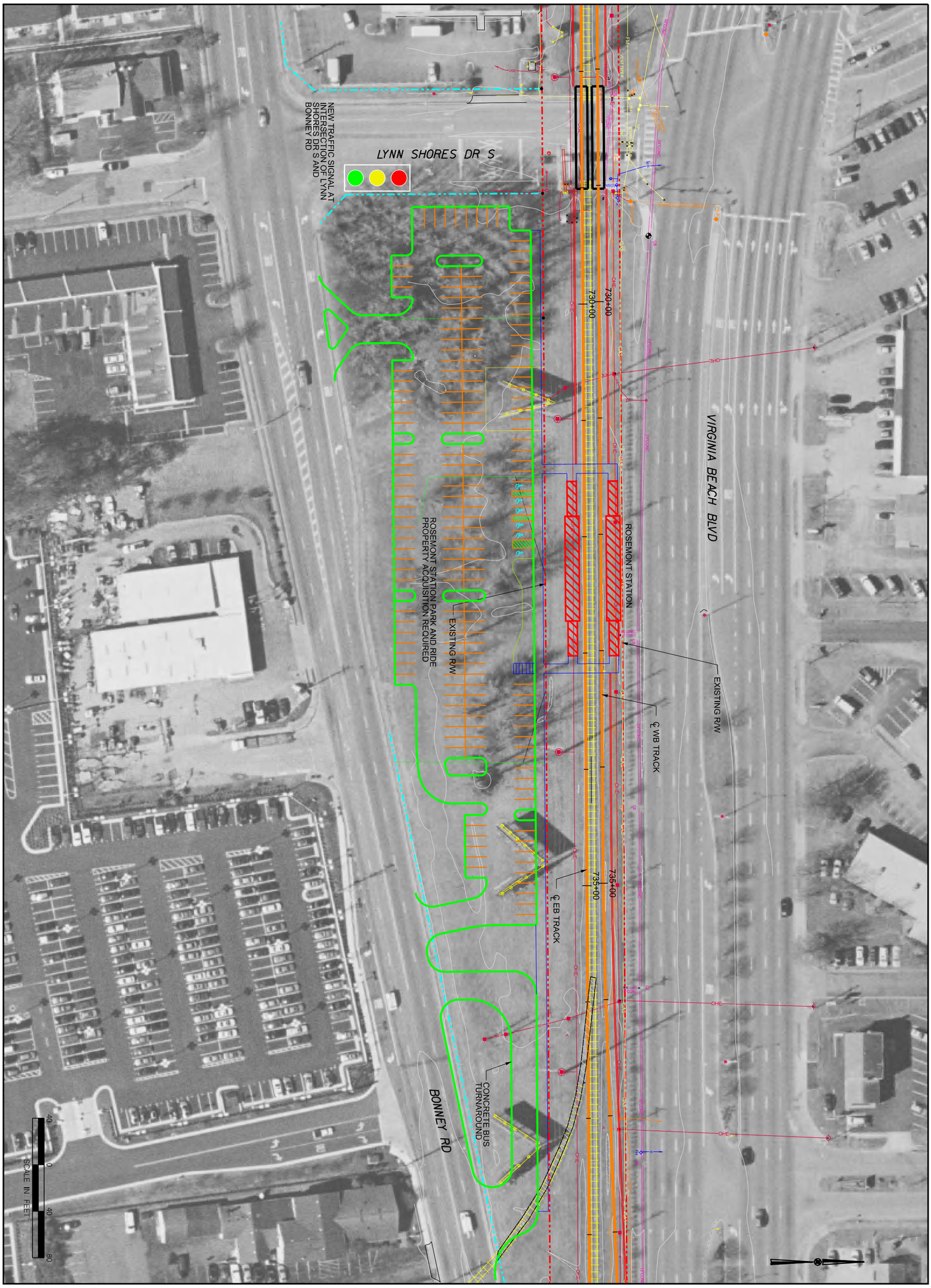


HAMPTON ROADS TRANSIT	PLANS PREPARED BY: HDR				DESIGN	SAB	DATE	WITCHDUCK STATION PARK AND RIDE SHEET 1 OF 5	CONTRACT NO.
					DRWN	SAB	DATE		DRAWING NO. VB-TK-7001
VIRGINIA BEACH TRANSIT EXTENSION STUDY					CKCK	KVL	DATE		
		NO.	REVISION DESCRIPTION	BY	DATE	APPR	DATE	DRAFT	OF



HAMPTON ROADS TRANSIT	PLANS PREPARED BY: HDR			DRWN DESIGN	SAB	DATE	TOWN CENTER STATION PARK AND RIDE SHEET 2 OF 5	CONTRACT NO.
VIRGINIA BEACH TRANSIT EXTENSION STUDY				DRWN	SAB	DATE		DRAWING NO. VB-TK-7002
				CKCK	KVL	DATE		
	NO.	REVISION DESCRIPTION	BY	DATE	APPR	DATE	DRAFT	OF



HAMPTON ROADS TRANSIT

PLANS PREPARED BY: HDR

VIRGINIA BEACH TRANSIT EXTENSION STUDY

NO.	REVISION DESCRIPTION	BY	DATE

DESIGN	SAB	DATE
DRWN	SAB	DATE
CKCK	KVL	DATE
APPR		DATE

ROSEMONT STATION PARK AND RIDE

SHEET 3 OF 5

DRAFT

CONTRACT NO.

DRAWING NO. VB-TK-7003

OF

HAMPTON ROADS TRANSIT

PLANS PREPARED BY: HDR

VIRGINIA BEACH TRANSIT EXTENSION STUDY

NO.	REVISION DESCRIPTION	BY	DATE

DRWN DESIGN	SAB	DATE
DRWN	SAB	DATE
CKCK	KVL	DATE
APPR		DATE

LYNNHAVEN STATION PARK AND RIDE

SHEET 4 OF 5

DRAFT

CONTRACT NO.

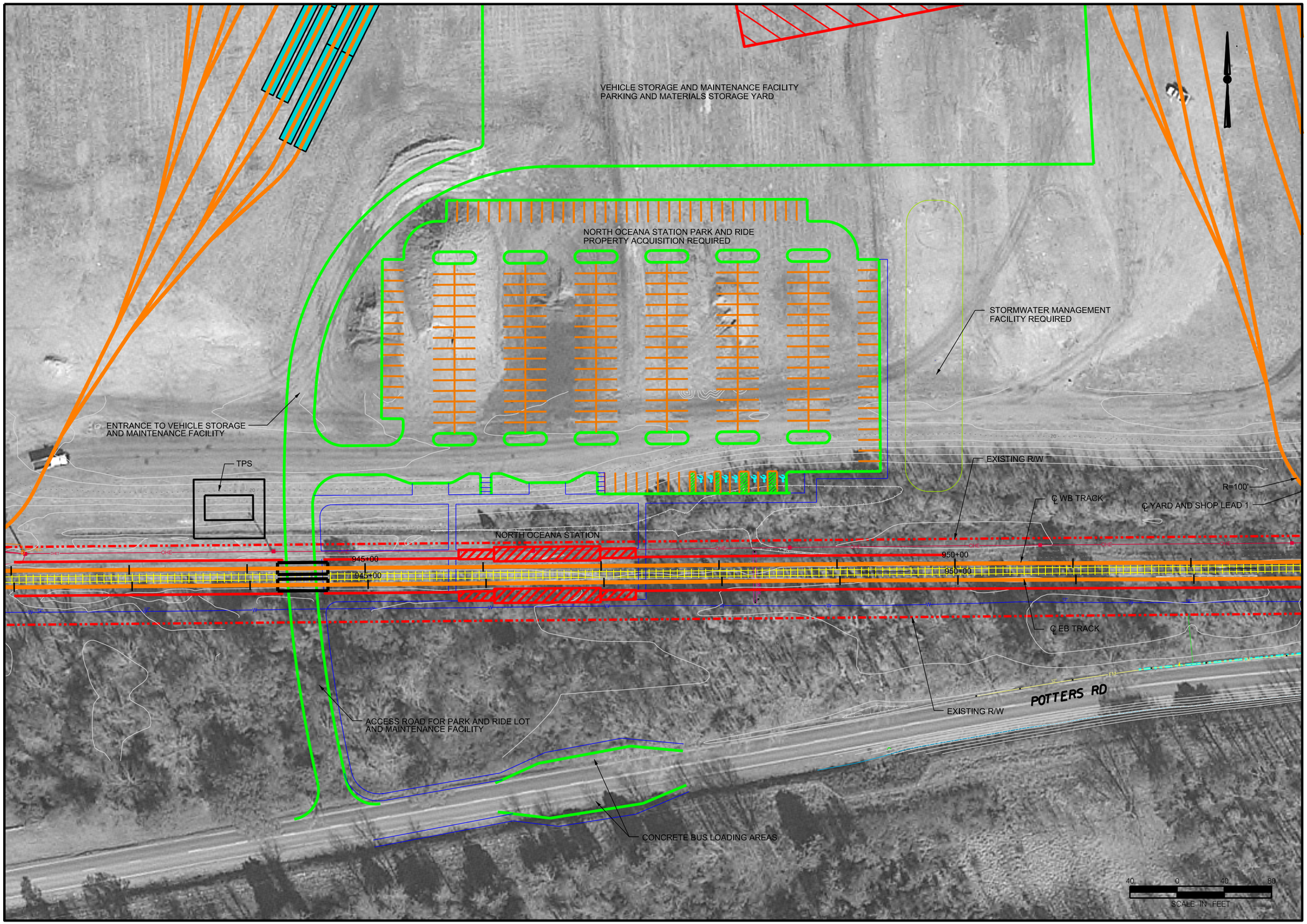
DRAWING NO. VB-TK-7004

OF

$TIME$

$DATE$

$FILE$



CONTRACT NO.

DRAWING NO. VB-TK-7005

OF

NORTH OCEANA STATION
PARK AND RIDE
SHEET 5 OF 5

DRAFT

DESIGN	SAB	DATE	
DRAWN	SAB	DATE	
CHCK	KVL	DATE	
APPR		DATE	

NO.	REVISION DESCRIPTION	BY	DATE

PLANS PREPARED BY:

HDR

HAMPTON ROADS TRANSIT

VIRGINIA BEACH TRANSIT
EXTENSION STUDY

HAMPTON ROADS TRANSIT

PLANS PREPARED BY: HDR

VIRGINIA BEACH TRANSIT EXTENSION STUDY

NO.	REVISION DESCRIPTION	BY	DATE

DESIGN	CEC	DATE
DRWN	CEC	DATE
CKDK	KVL	DATE
APPR		DATE

POTTERS ROAD SITE
VSMF TRACK PLAN

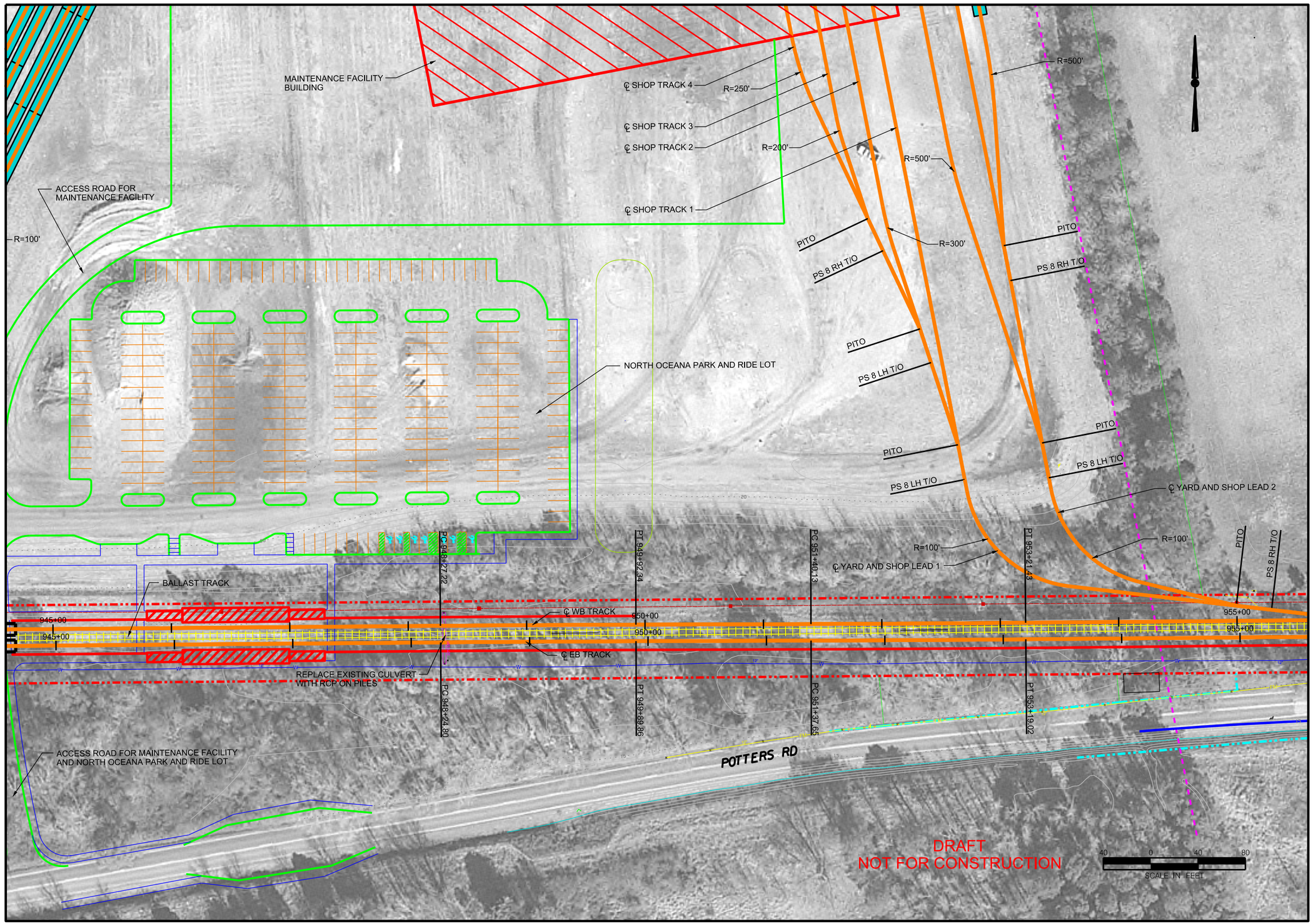
SHEET 1 OF 3

DRAFT

CONTRACT NO.

DRAWING NO.
VB-TK-5001A

OF



CONTRACT NO.

DRAWING NO. VB-TK-5002A

OF

POTTERS ROAD SITE
VSMF TRACK PLAN

SHEET 2 OF 3

DRAFT

NO.	REVISION DESCRIPTION	BY	DATE

DESIGN CEC DATE

DRWN CEC DATE

CKCK KVL DATE

APPR DATE

PLANS PREPARED BY:

HDR

HAMPTON ROADS TRANSIT

VIRGINIA BEACH TRANSIT
EXTENSION STUDY

$TIME$

$DATE$

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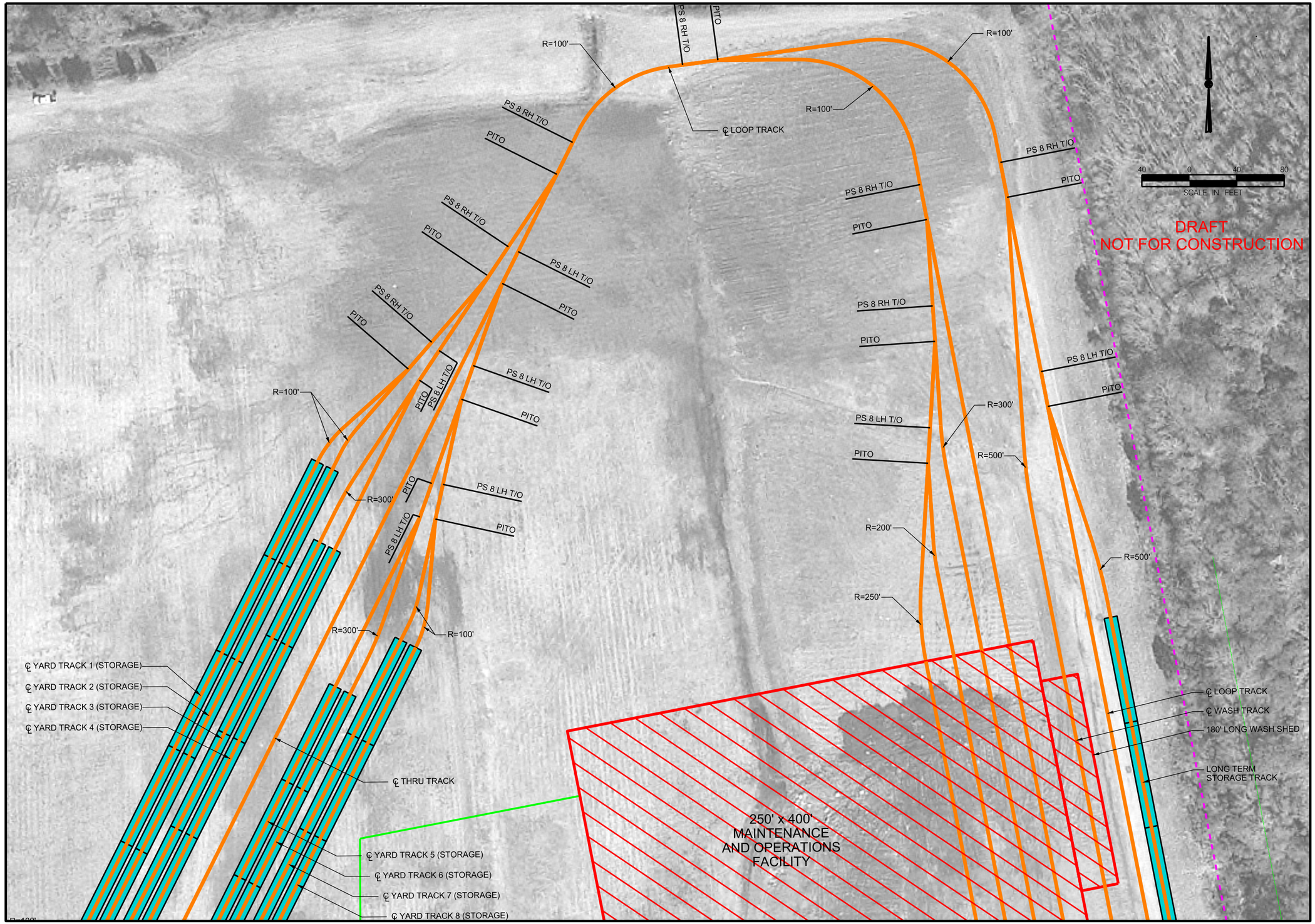


CONTRACT NO.

DRAWING NO. VB-TK-5003A

OF

POTTERS ROAD SITE
VSMF TRACK PLAN

SHEET 3 OF 3

DRAFT

NO.	REVISION DESCRIPTION	BY	DATE

DESIGN CEC DATE
DRWN CEC DATE
CKCK KVL DATE
APPR DATE

PLANS PREPARED BY:

HDR

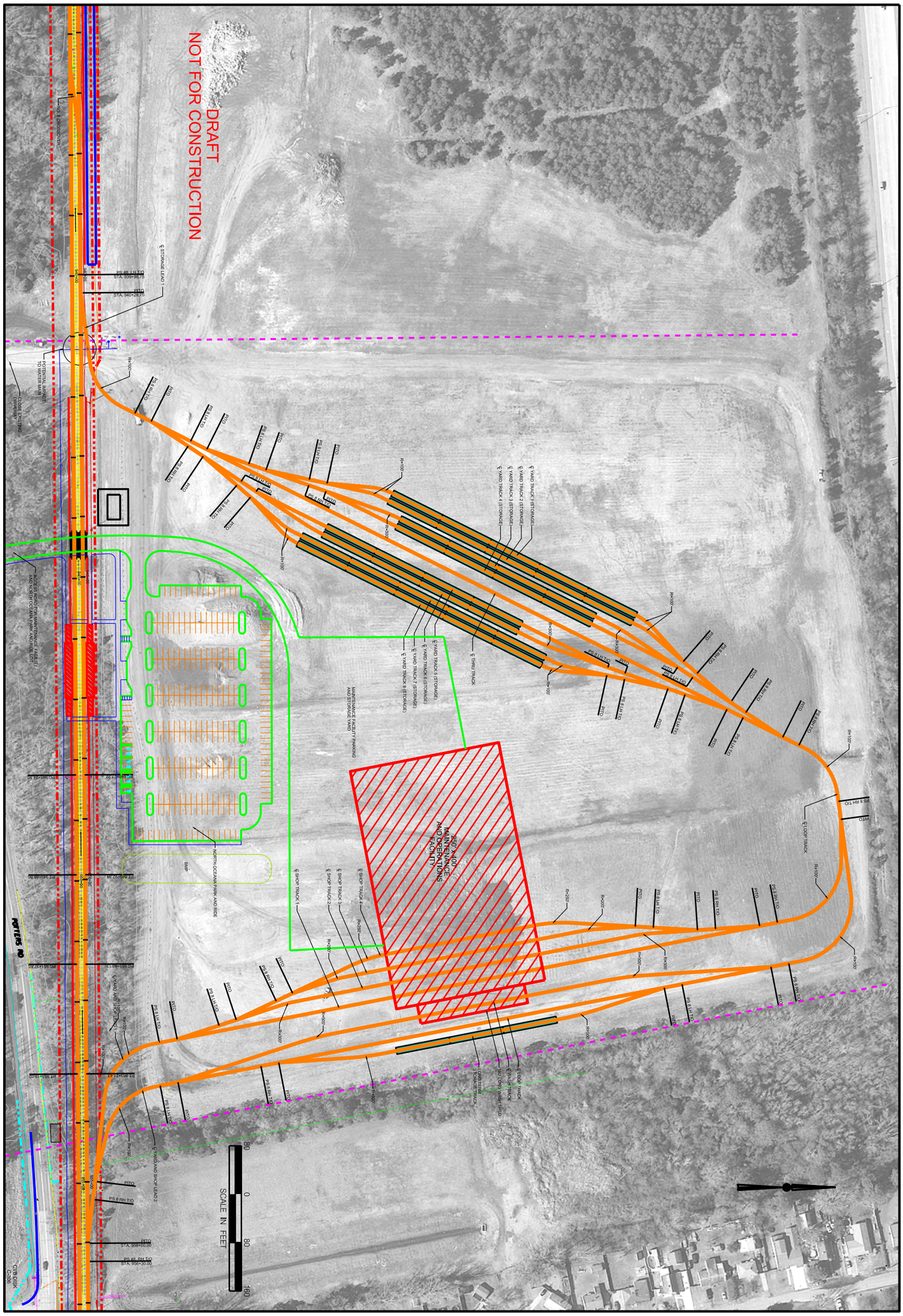
HAMPTON ROADS TRANSIT

VIRGINIA BEACH TRANSIT
EXTENSION STUDY

$TIME$

$DATE$

$FILE$



HAMPTON ROADS TRANSIT

PLANS PREPARED BY: HDR

VIRGINIA BEACH TRANSIT EXTENSION STUDY

NO.	REVISION DESCRIPTION	BY	DATE

DESIGN	CEC	DATE
DRWN	CEC	DATE
CHCK	KVL	DATE
APPR		DATE

POTTERS ROAD SITE VSMF LAYOUT

DRAFT

CONTRACT NO.

DRAWING NO. VB-TK-3509

OF