PROJECT REFERENCE NO.	SHEET NO.
I-5987A	EC-6/CONST.6
R/W SHEET NO.	

NV5 ENGINEERS & CONSULTANTS, INC.
7500 E. INDEPENDENCE BLVD, STE 100
CHARLOTTE, NC 28227
P: 704.537.7300 www.NV5.com
NC License # F-1333

REVISIONS

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 6

NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

NOTE: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING RW OR EASEMANT.

NOTE: PERIMETER EROSION CONTROL MEASURES SHALL BE INSTALLED DURING CLEARING AND GRUBBING PHASE.

NOTE: CONTRACTOR SHALL PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES",SEE EC-3.

NOTE: PRIOR TO INSTALLATION OF EROSION CONTROL DEVICES, CONTRACTOR SHALL VERIFY BOUNDARIES OF JURISDICTIONAL AREAS AND DELINEATE WITH SAFETY FENCE OR FLAGGING.

-L-
PI Sta 106+48.19
△ = 0° 24′ 48.3″ (RT)
D = 0° 04′ 54.7″
L = 505.08′
T = 252.54′
R = 70,000.00′
DS = 75 mph
e = NC

-SR6-

PI Sta 53+74.13	PI Sta 59+36.50
△ = 33° 38′ 33.1″ (LT)	△ = 11° 44′ 34.4″ (LT)
D = 4° 29′ 37.6″	D = 2° 57′ 29.1″
L = 748.65′	L = 396.98′
T = 385.46′	T = 199.19′
R = 1,275.00′	R = 1,936.93′
DS = 50 mph	DS = EXIST.
e = 04	e = EXIST.
RO = 100.00′	

-SR8-
PI Sta 17+38.27
△ = 30° 48′ 19.3″ (RT)
D = 12° 43′ 56.6″
L = 241.94′
T = 123.97′
R = 450.00′
DS = EXIST.
e = EXIST.

-YIRPA-

PIs Sta 13+33.73	PI Sta 15+06.19	PIs Sta 16+78.35	PI Sta 20+99.95
θs = 3° 52′ 16.8″	△ = 8° 10′ 47.3″ (RT)	θs = 3° 52′ 16.8″	△ = 71° 46′ 53.0″ (LT)
Ls = 200.00′	D = 3° 52′ 16.8″	Ls = 200.00′	D = 19° 05′ 54.9″
LT = 133.37′	L = 211.29′	LT = 133.37′	L = 375.85′
ST = 66.70′	T = 105.83′	ST = 66.70′	T = 217.09′
	R = 1,480.00′		R = 300.00′
	DS = 65 mph		DS = EXIST.
	e = 08		e = EXIST.
	RO = 200.00′		

-YIRPB-

PIs Sta 11+33.37	PI Sta 14+06.66	PIs Sta 16+77.35	PI Sta 24+76.97
θs = 3° 52′ 16.8″	△ = 15° 53′ 52.5″ (LT)	θs = 3° 52′ 16.8″	△ = 150° 37′ 07.3″ (RT)
Ls = 200.00′	D = 3° 52′ 16.8″	Ls = 200.00′	D = 44° 24′ 55.2″
LT = 133.37′	L = 410.66′	LT = 133.37′	L = 339.11′
ST = 66.70′	T = 206.66′	ST = 66.70′	T = 492.05′
	R = 1,480.00′		R = 129.00′
	DS = 65 mph		DS = EXIST.
	e = 08		e = EXIST.
	RO = 200.00′		

-YIRPC-

PIs Sta 13+33.76	PI Sta 14+85.14	PIs Sta 16+36.40	PI Sta 20+86.11
θs = 3° 52′ 16.8″	△ = 6° 33′ 16.4″ (RT)	θs = 3° 52′ 16.8″	△ = 69° 37′ 08.8″ (LT)
Ls = 200.00′	D = 3° 52′ 16.8″	Ls = 200.00′	D = 22° 02′ 12.6″
LT = 133.37′	L = 169.31′	LT = 133.37′	L = 315.92′
ST = 66.70′	T = 84.75′	ST = 66.70′	T = 180.77′
	R = 1,480.00′		R = 260.00′
	DS = 65 mph		DS = EXIST.
	e = 08		e = EXIST.
	RO = 200.00′		

-YIRPD-

PIs Sta 11+31.99	PI Sta 13+65.62	PIs Sta 15+96.57	PI Sta 24+63.97
θs = 0° 04′ 54.9″	△ = 12° 46′ 13.9″ (LT)	θs = 3° 52′ 16.8″	△ = 147° 07′ 41.3″ (RT)
θs = 3° 52′ 16.8″	D = 3° 52′ 16.8″	Ls = 200.00′	D = 42° 07′ 45.3″
Ls = 200.00′	L = 329.87′	LT = 133.37′	L = 349.23′
LT = 131.99′	T = 165.62′	ST = 66.70′	T = 461.02′
ST = 68.08′	R = 1,480.00′		R = 136.00′
	DS = 65 mph		DS = EXIST.
	e = 08		e = EXIST.
	RO = 200.00′		

PROPOSED ROCK PLATING

STEEPEN SLOPE FROM -L- STA. 104+00.00 TO 112+50.00 RT
AND -L- STA. 104+50.00 TO 107+75.00 LT (SEE CROSS SECTIONS)
SEE DETAIL SHEET 2C-13 FOR ROCK PLATING

FOR -L- PROFILE SEE SHEET 41 – 43
FOR -SR6- PROFILE SEE SHEET 78, 79
FOR -Y1RPA- PROFILE SEE SHEET 80
FOR -Y1RPB- PROFILE SEE SHEET 80
FOR -Y1RPC- PROFILE SEE SHEET 81
FOR -Y1RPD- PROFILE SEE SHEET 81
FOR DITCH DETAILS SEE SHEETS 2D-1 AND 2D-2
FOR CULVERT PLANS SEE C19-1 THRU C19-8

GRAPHIC SCALE
50 25 0 50 100
PLANS