PROJECT REFERENCE NO.	SHEET NO.
I-5987A	EC-42/CONST.6
R/W SHEET NO.	

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FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 6

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

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

NOTE: CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY.

NOTE: CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE.

NOTE: INSTALL MATTING FOR EROSION CONTROL IN ALL PROPOSED DITCH LINES EXCCEPT WHERE PERMANENT LINERS ARE SPECIFIED ON THE PLANS OR DIRECTED OTHERWISE BY THE ENGINEER.

NOTE: UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF ROCK INLET SEDIMENT TRAPS TYPE-C, AS DIRECTED, TO AVOID IMPOUNDMENT OF RUNOFF IN ROADWAY OPEN TO TRAFFIC.

-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
△ = 33° 38' 33.1" (LT)
D = 4° 29' 37.6"
L = 748.65'
T = 385.46'
R = 1,275.00'
DS = 50 mph
e = 04
RO = 100.00'

PI Sta 59+36.50
△ = 11° 44' 34.4" (LT)
D = 2° 57' 29.1"
L = 396.98'
T = 199.19'
R = 1,936.93'
DS = EXIST.
e = EXIST.

-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
Θs = 3° 52' 16.8"
Ls = 200.00'
LT = 133.37'
ST = 66.70'

PI Sta 15+06.19
△ = 8° 10' 47.3" (RT)
D = 3° 52' 16.8"
L = 211.29'
T = 105.83'
R = 1,480.00'
DS = 65 mph
e = 08
RO = 200.00'

PIs Sta 16+78.35
Θs = 3° 52' 16.8"
Ls = 200.00'
LT = 133.37'
ST = 66.70'

PI Sta 20+99.95
△ = 71° 46' 53.0" (LT)
D = 19° 05' 54.9"
L = 375.85'
T = 217.09'
R = 300.00'
DS = EXIST.
e = EXIST.

-YIRPB-
PIs Sta 11+33.37
Θs = 3° 52' 16.8"
Ls = 200.00'
LT = 133.37'
ST = 66.70'

PI Sta 14+06.66
△ = 15° 53' 52.5" (LT)
D = 3° 52' 16.8"
L = 410.66'
T = 206.66'
R = 1,480.00'
DS = 65 mph
e = 08
RO = 200.00'

PIs Sta 16+77.35
Θs = 3° 52' 16.8"
Ls = 200.00'
LT = 133.37'
ST = 66.70'

PI Sta 24+76.97
△ = 150° 37' 07.3" (RT)
D = 44° 24' 55.2"
L = 339.11'
T = 492.05'
R = 129.00'
DS = EXIST.
e = EXIST.

-YIRPC-
PIs Sta 13+33.76
Θs = 3° 52' 16.8"
Ls = 200.00'
LT = 133.37'
ST = 66.70'

PI Sta 14+85.14
△ = 6° 33' 16.4" (RT)
D = 3° 52' 16.8"
L = 169.31'
T = 84.75'
R = 1,480.00'
DS = 65 mph
e = 08
RO = 200.00'

PIs Sta 16+36.40
Θs = 3° 52' 16.8"
Ls = 200.00'
LT = 133.37'
ST = 66.70'

PI Sta 20+86.11
△ = 69° 37' 08.8" (LT)
D = 22° 02' 12.6"
L = 315.92'
T = 180.77'
R = 260.00'
DS = EXIST.
e = EXIST.

-YIRPD-
PIs Sta 11+31.99
Θs = 0° 04' 54.9"
Θs = 3° 52' 16.8"
Ls = 200.00'
LT = 131.99'
ST = 68.08'

PI Sta 13+65.62
△ = 12° 46' 13.9" (LT)
D = 3° 52' 16.8"
L = 329.87'
T = 165.62'
R = 1,480.00'
DS = 65 mph
e = 08
RO = 200.00'

PIs Sta 15+96.57
Θs = 3° 52' 16.8"
Ls = 200.00'
LT = 133.37'
ST = 66.70'

PI Sta 24+63.97
△ = 147° 07' 41.3" (RT)
D = 42° 07' 45.3"
L = 349.23'
T = 461.02'
R = 136.00'
DS = EXIST.
e = EXIST.

MATCHLINE -L- STA. 87+00 SEE SHEET 5

MATCHLINE -L- STA. 116+00 SEE SHEET 7

TRAFFIC DIAGRAM
ADT 2022
ADT 2042
US 301 (EXIT 22) 11,000 / 13,250
I-95 69,000 / 99,900
I-95 63,500 / 92,950
FAYETTEVILLE ROAD (SR 1997) 19,750 / 23,850

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 -YIRPA- PROFILE SEE SHEET 80
FOR -YIRPB- PROFILE SEE SHEET 80
FOR -YIRPC- PROFILE SEE SHEET 81
FOR -YIRPD- 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