PROJECT REFERENCE NO.	SHEET NO.
R-4416	EC-32/CONST.16
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

-L- LINE

PI Sta 173+71.80	PIs Sta 179+36.49
△ = 42° 24' 29.6" (LT)	Θs = 7° 03' 06.4"
D = 4° 24' 26.5"	Ls = 320.00'
L = 962.21'	LT = 213.50'
T = 504.34'	ST = 106.82'
R = 1,300.00'	
Ds = 60mph	
SE = .08	

DETAIL C
SPECIAL CUT DITCH
(Not to Scale)

Natural Ground, 2:1, D, d, 4:1 or Flatter, Front Ditch Slope

Min. D = 1.5 Ft.
Max d = 1.5 Ft.

Type of Liner = PSRM

FROM -L- STA. 179+30 TO STA. 182+50 RT.
-L- STA. 175+00 TO STA. 176+00 RT.

DETAIL
FALSE SUMP
(Not to Scale)

Outside Ditch Traffic Flow, 20:1, 10:1, 2', 0.5' Min. 1.0' Max., GI etc., S

S = Ditch Slope ℄ Proposed Ditch

DETAIL B
SPECIAL CUT DITCH
(Not to Scale)

Natural Ground, 2:1, D, 4:1 or Flatter, Front Ditch Slope

Min. D = 1.5 Ft.

FROM -L- STA. 182+50 TO STA. 185+00 RT.
-L- STA. 176+00 TO STA. 179+30 RT.

NAD 83

U.S. FOREST SERVICE

EXIST. R/W

175+00

180+00

185+00

CS Sta. 178+29.67

ST Sta. 181+49.67

TS Sta. 183+32.17

SCS Sta. 186+52.17

RETAIN EXISTING GUARDRAIL

RETAIN TO EXIST. GUARDRAIL

RETAIN EXISTING RETAINING WALL

RETAIN TO EXIST. GUARDRAIL

RETAINING WALL

U.S.64 22' BST

-L-

N 71° 14' 38.4" W

SPECIAL CUT DITCH PSRM LINER SEE DETAIL 'C'

SPECIAL CUT DITCH GRASS LINED SEE DETAIL 'B'

SPECIAL CUT DITCH PSRM LINER SEE DETAIL 'C'

SPECIAL CUT DITCH GRASS LINED SEE DETAIL 'B'

EXISTING UNDERGROUND FIBER OPTIC CABLES

Conv. 2GI To JB (1601)

REMOVE 24" CMP 30'

2GI-A (1602)

2GI-A (1603)

4' CONC.

RETAIN

40' TYP.

+29.67

+19.17

5' PS

7.50'

TSD

MATCHLINE - SHEET 17 -L- Sta. 188+00.00

-L- LINE

PIs Sta 185+45.67	PI Sta 191+96.62
Θs = 7° 03' 06.4"	△ = 45° 26' 56.6" (RT)
Ls = 320.00'	D = 4° 24' 26.5"
LT = 213.50'	L = 1,031.21'
ST = 106.82'	T = 544.46'
	R = 1,300.00'
	Ds = 60mph
	SE = .08

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FOR -L- PROFILE SEE SHEET 26

8/17/99
17-FEB-2016 12:29
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