LOCHNER

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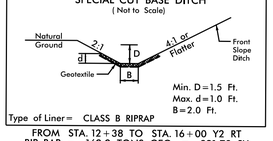
PROJECT REFERENCE NO.	SHEET NO.
R-5523	EC-9/CONST.6
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DETAIL #2
SPECIAL CUT BASE DITCH
(Not to Scale)

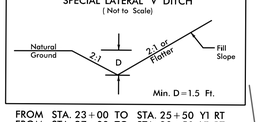


Min. D=1.5 Ft.
Max. d=1.0 Ft.
B=2.0 Ft.

Type of Liner= CLASS B RIPRAP

FROM STA. 12+38 TO STA. 16+00 Y2 RT
RIP RAP = 162.2 TONS, GEO = 321.78 SY

DETAIL #5
SPECIAL LATERAL 'V' DITCH
(Not to Scale)



Min. D=1.5 Ft.

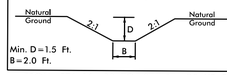
FROM STA. 23+00 TO STA. 25+50 Y1 RT
FROM STA. 27+00 TO STA. 29+50 Y1 RT

DETAIL #6
STANDARD 'V' DITCH
(Not to Scale)

Min. D=1.5 Ft.

FROM STA. 19+06 TO STA. 19+86 NS_TRK RT
DDE=15CY
FROM STA. 16+08 TO STA. 16+54 Y2 LT
DDE=12CY

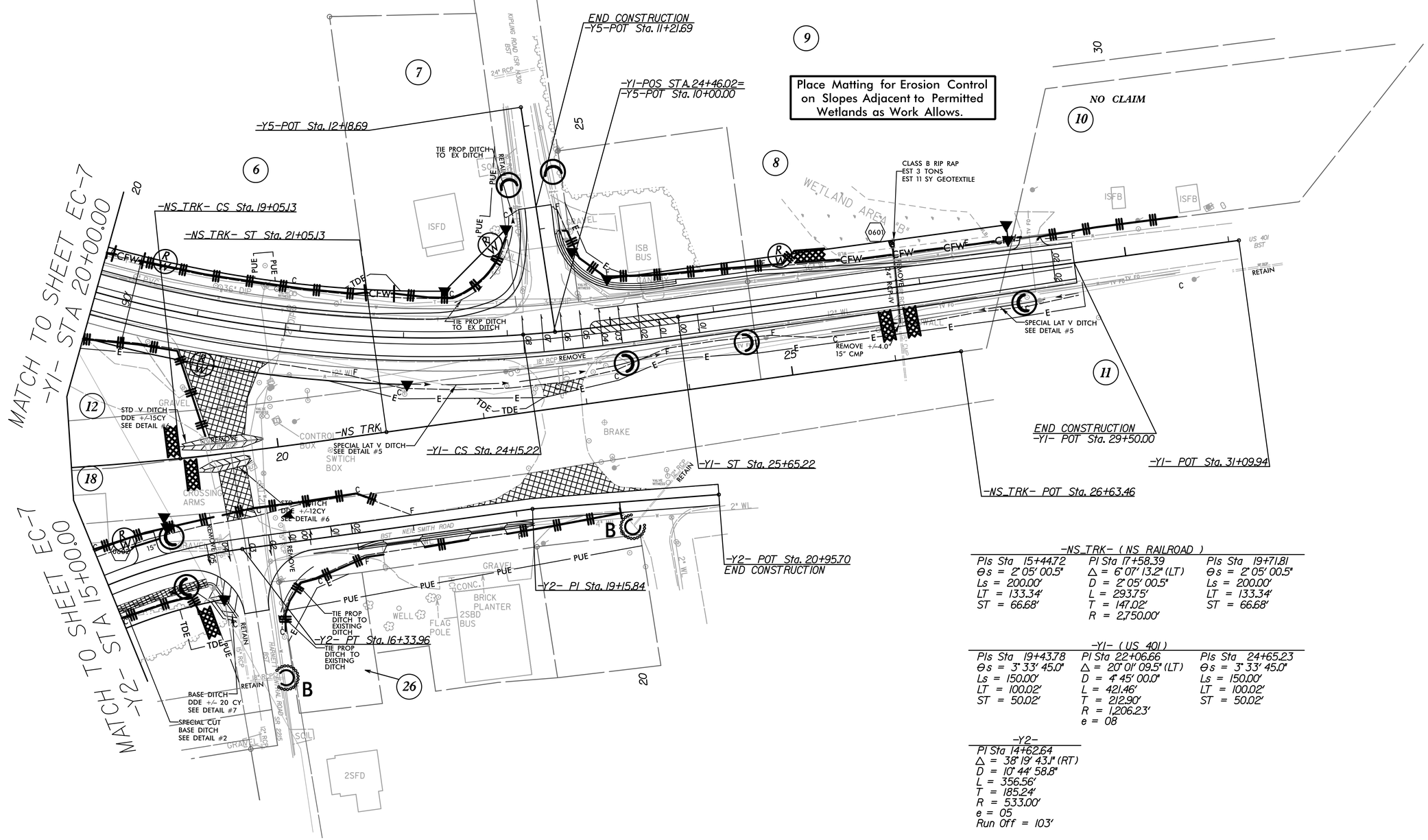
DETAIL #7
STANDARD BASE DITCH
(Not to Scale)



Min. D=1.5 Ft.
B=2.0 Ft.

FROM STA. 16+00 TO STA. 16+20 Y2 RT

NAD 83/11



-NS_TRK- (NS RAILROAD)

PIs Sta 15+44.72	PI Sta 17+58.39	PIs Sta 19+71.81
Θs = 2° 05' 00.5"	Δ = 6° 07' 13.2" (LT)	Θs = 2° 05' 00.5"
Ls = 200.00'	D = 2° 05' 00.5"	Ls = 200.00'
LT = 133.34'	L = 293.75'	LT = 133.34'
ST = 66.68'	T = 147.02'	ST = 66.68'
	R = 2,750.00'	

-Y1- (US 401)

PIs Sta 19+43.78	PI Sta 22+06.66	PIs Sta 24+65.23
Θs = 3° 33' 45.0"	Δ = 20° 01' 09.5" (LT)	Θs = 3° 33' 45.0"
Ls = 150.00'	D = 4° 45' 00.0"	Ls = 150.00'
LT = 100.02'	L = 421.46'	LT = 100.02'
ST = 50.02'	T = 212.90'	ST = 50.02'
	R = 1,206.23'	
	e = 08	

-Y2-

PI Sta 14+62.64
Δ = 38° 19' 43.1" (RT)
D = 10° 44' 58.8"
L = 356.56'
T = 185.24'
R = 533.00'
e = 05
Run Off = 103'

SEE SHEET 8 FOR -Y2- PROFILE

REVISIONS

8/17/99

3:01:30 PM
R:\Roadway Consultants\10514 HW Lochner\10514-006 R-5523 Harnet Central Road\Environmental\Design\R5523_REU_EC09.dgn