1525

2N K32

OREGON DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION

HERMISTON DITCH - BENSEL ROAD

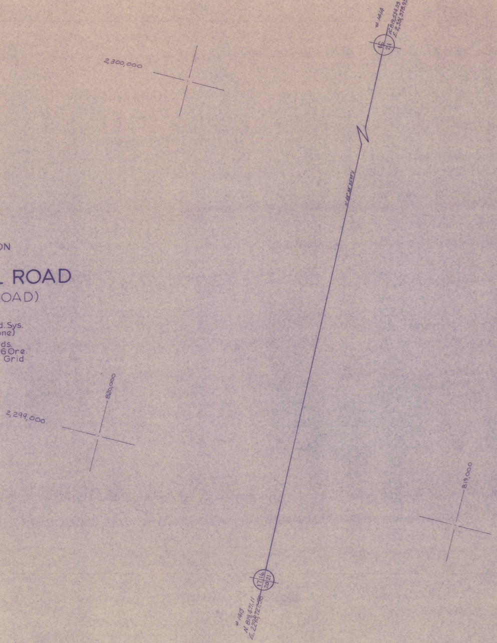
COUNTY ROAD 848 (OLD RIVER ROAD)

UMATILLA COUNTY

Datum: USC&GS 1947 Adj.
Scale: 1"=100'

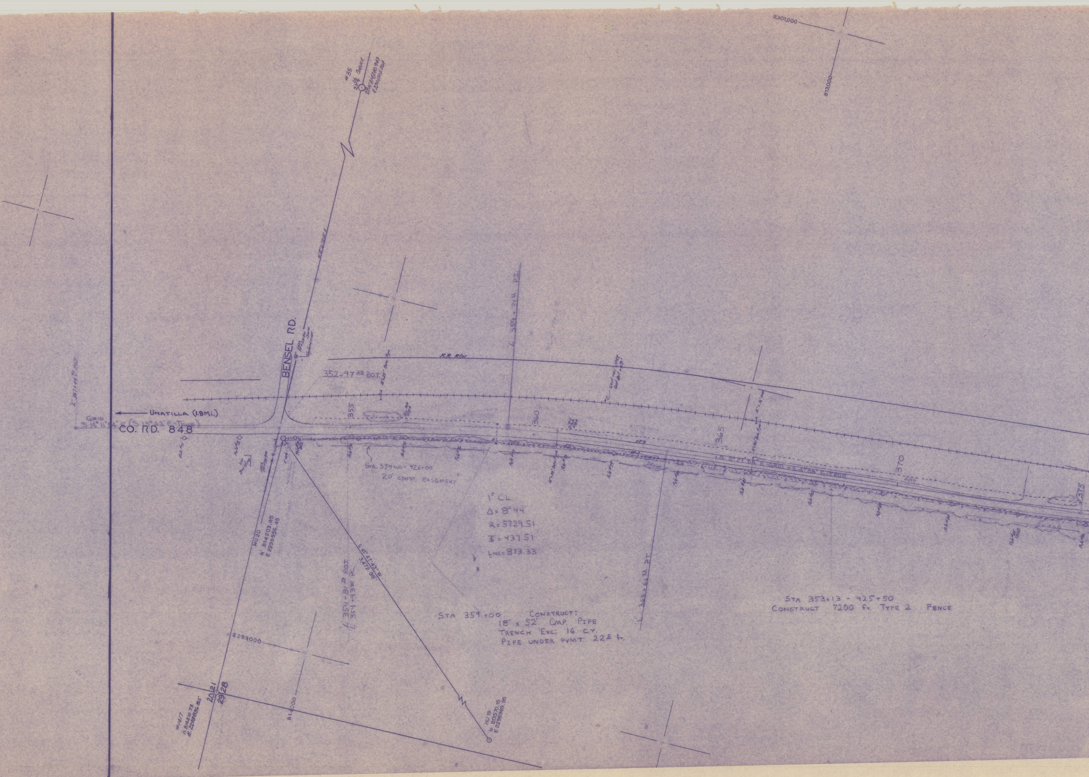
Bearing: Ore. Co-ord. Sys. (North Zone)
Co-ord: LDP Co-ords. X0.9999226 Ore. Grid

W.C. Ferguson Resident Engineer
January 1980



2,300,000
# 1414
N. 819,534.03
E. 2,301,378.93
16
21
N 88°38'25.99"E
820,000
2,299,000
819,000
# 1413
N. 819,471.11
E. 2298,727.58
17
16
20
21

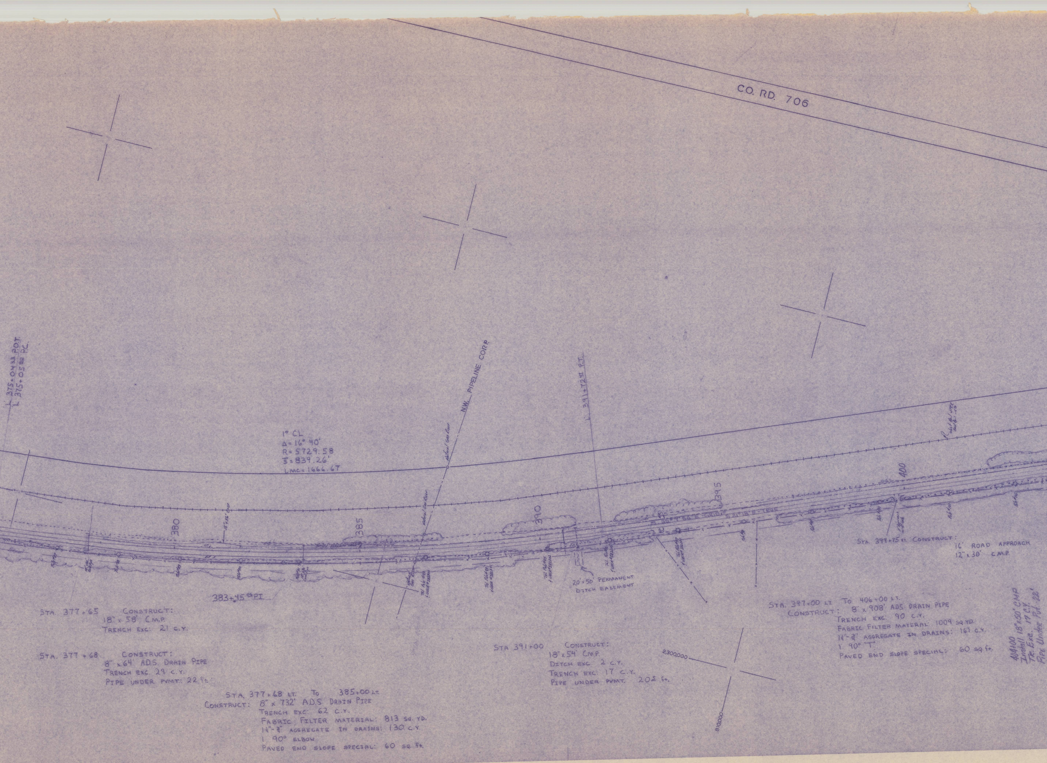
BOX "Y"


#35
21 1/4 Corner
28 N 814240.943
E 2301,502.864
2,301,000
813,000
BENSEL RD.
R.R. R/W
352+97.28 P.O.T.
℄ 359+31.14 P.I.
355
360
365
370
375
UMATILLA (1.8Mi.)
GRID
S 14°11'54" E (S 13°33' E True)
CO. RD. 848
S 5°27'54" E GRID = S 4°38' E TRUE
STA. 354+00 - 426+00
20' CONST. EASEMENT
HU 20
N 814203.85
E 2299556.45
S 41°47'43" W
3,472.08'
℄ 354+81.72 P.O.T.
℄ 354+93.30 P.C.
℄ 363+66.92 P.T.
2299000
814000
20 21
29 28
#1417
N. 814210.73
E. 2298836.85
HU 19
N 813570.15
E 2298989.95

1° CL
Δ = 8°44'
R = 5729.51
T = 437.51
Lmc = 873.33

STA 359+00 CONSTRUCT:
18" x 52' CMP. PIPE
TRENCH EXC: 16 C.Y.
PIPE UNDER PVMT: 22± ft.

STA 353+13 - 425+50
CONSTRUCT 7200 ft. TYPE 2 FENCE


CO. RD. 706
L 375+04.43 P.O.T.
L 375+05.80 P.C.
1° CL
Δ=16° 40'
R=5729.58
T=839.26'
LMC=1666.67
N.W. PIPELINE CORP.
Natural Gas Riser
L 391+72.41 P.T.
380
385
390
395
400
15"x36' Cmp
383+45.05 P.I.
20'x50' PERMANENT DITCH EASEMENT
S 20°7'54" E GRID
S 21°18' E TRUE
2,300,000
810,000

STA. 377+65 CONSTRUCT:
18" x 58' C.M.P.
TRENCH EXC: 21 C.Y.

STA. 377+68 CONSTRUCT:
8" x 64' A.D.S. DRAIN PIPE
TRENCH EXC. 29 C.Y.
PIPE UNDER PVMT: 22 ft.

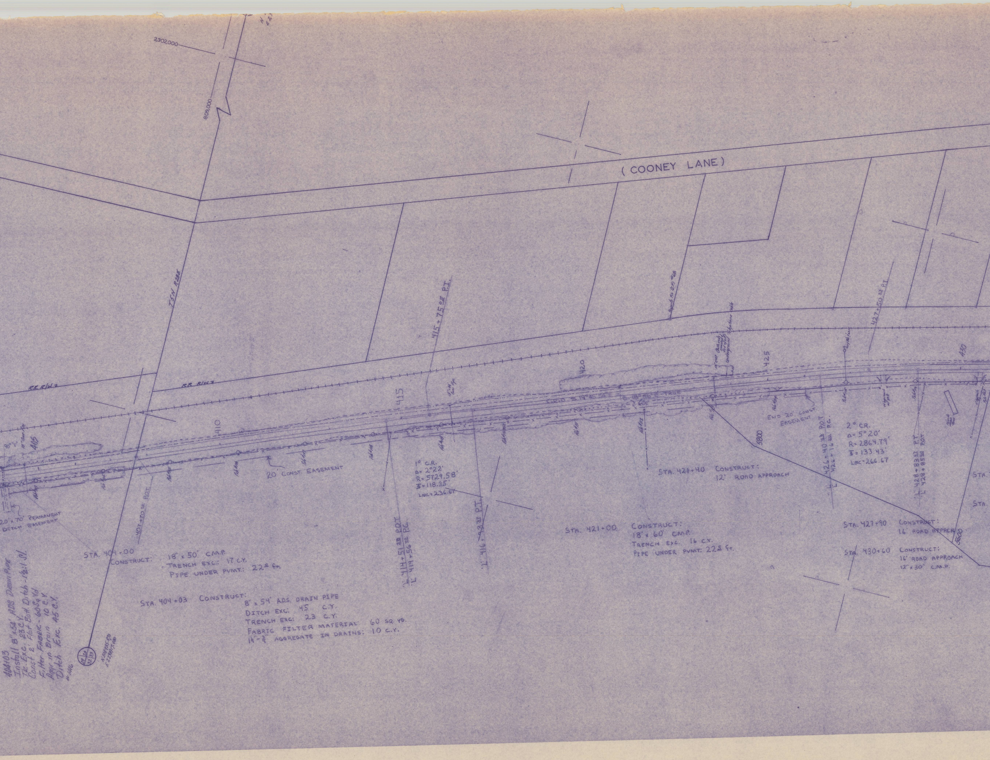
STA. 377+68 LT. TO 385+00 LT.
CONSTRUCT: 8" x 732' A.D.S DRAIN PIPE
TRENCH EXC: 62 C.Y.
FABRIC FILTER MATERIAL: 813 SQ. YD.
1¼"-¾" AGGREGATE IN DRAINS: 130 C.Y.
1 90° ELBOW
PAVED END SLOPE SPECIAL: 60 SQ. ft.

STA 391+00 CONSTRUCT:
18" x 54' CMP.
DITCH EXC. 2 C.Y.
TRENCH EXC: 17 C.Y.
PIPE UNDER PVMT. 20± ft.

STA. 399+75 RT. CONSTRUCT:
16' ROAD APPROACH
12" x 30' C.M.P.

STA. 397+00 LT. TO 406+00 LT.
CONSTRUCT: 8" x 908' ADS DRAIN PIPE
TRENCH EXC. 90 C.Y.
FABRIC FILTER MATERAL: 1009 SQ. YD.
1¼"-¾" AGGREGATE IN DRAINS: 161 C.Y.
1 90° "T"
PAVED END SLOPE SPECIAL: 60 sq. ft.

404+00
Install 18"x50' CMP
Tr. Exc. 17 C.Y.
Pipe Under Pvt. 22'


(COONEY LANE)
2302,000
809,000
T3N R28E
RR R/W
405
410
415
420
425
430
GRID S 74°
20' CONST. EASEMENT
END 20' CONST. EASEMENT
20' x 70' PERMANENT DITCH EASEMENT
407+70 POT
415+75 P.I.
'L' 414+51 28 POT
'L' 414+56 10 P.C.
'L' 416+93 37 P.I.
427+50 P.I.
'L' 426+40 43 POT
'L' 426+16 P.C.
'L' 428+83 47 P.T.
'L' 428+85 POT
5800
5600
STA.
STA.
N 808,835.870
E 2298,917.080
29 28
32 33

1° C.R.
Δ= 2°22'
R= 5729.58'
T= 118.35'
LMC=236.67

2° CR.
Δ= 5°20'
R= 2864.79'
T= 133.43'
LMC=266.67

STA. 404+00 CONSTRUCT: 18" x 50' C.M.P.
TRENCH EXC.: 17 C.Y.
PIPE UNDER PVMT.: 22± ft.

STA. 404+03 CONSTRUCT: 8" x 54' ADS. DRAIN PIPE
DITCH EXC: 45 C.Y.
TRENCH EXC: 23 C.Y.
FABRIC FILTER MATERIAL 60 SQ. YD.
1¼"-¾" AGGREGATE IN DRAINS: 10 C.Y.

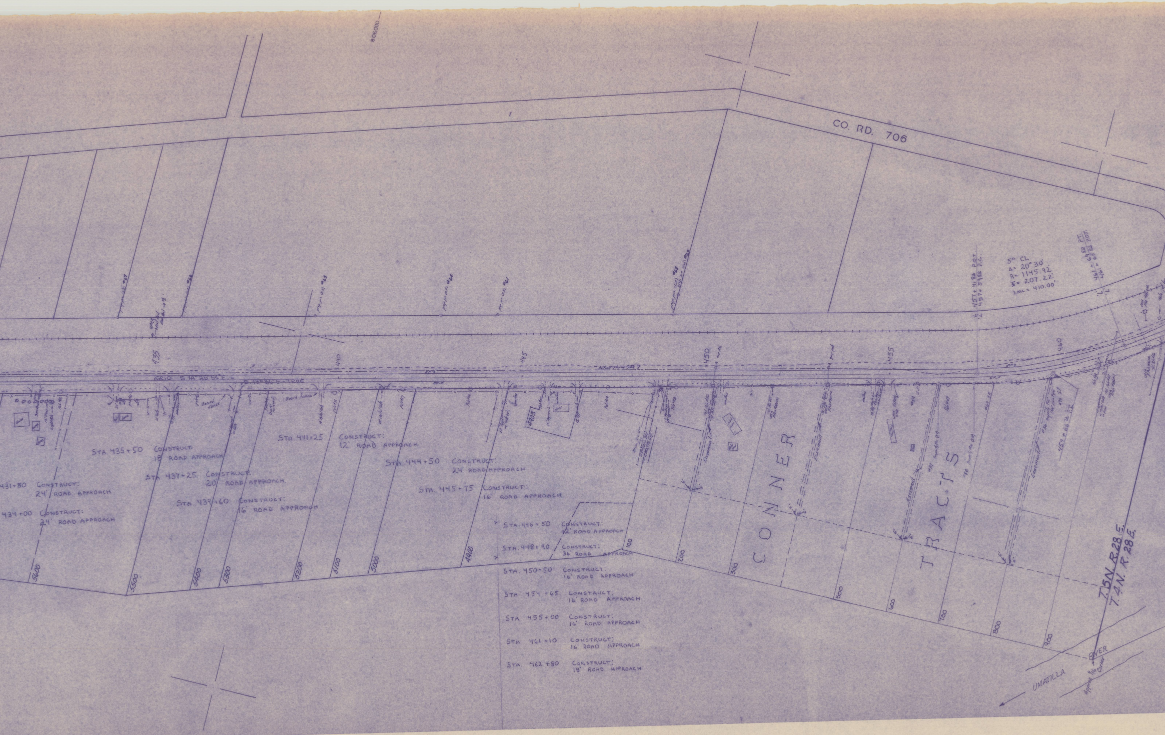
404+03
Install 8" x 54' ADS Drain Pipe
Tr. Exc. 23 C.Y.
Const 2' Flat Bott. Ditch - 1½:1 Sl.
Filter Fabric - 60 Sq Yd
Aggr in Drain 10 C.Y.
Ditch Exc. 45 C.Y.
#-1416

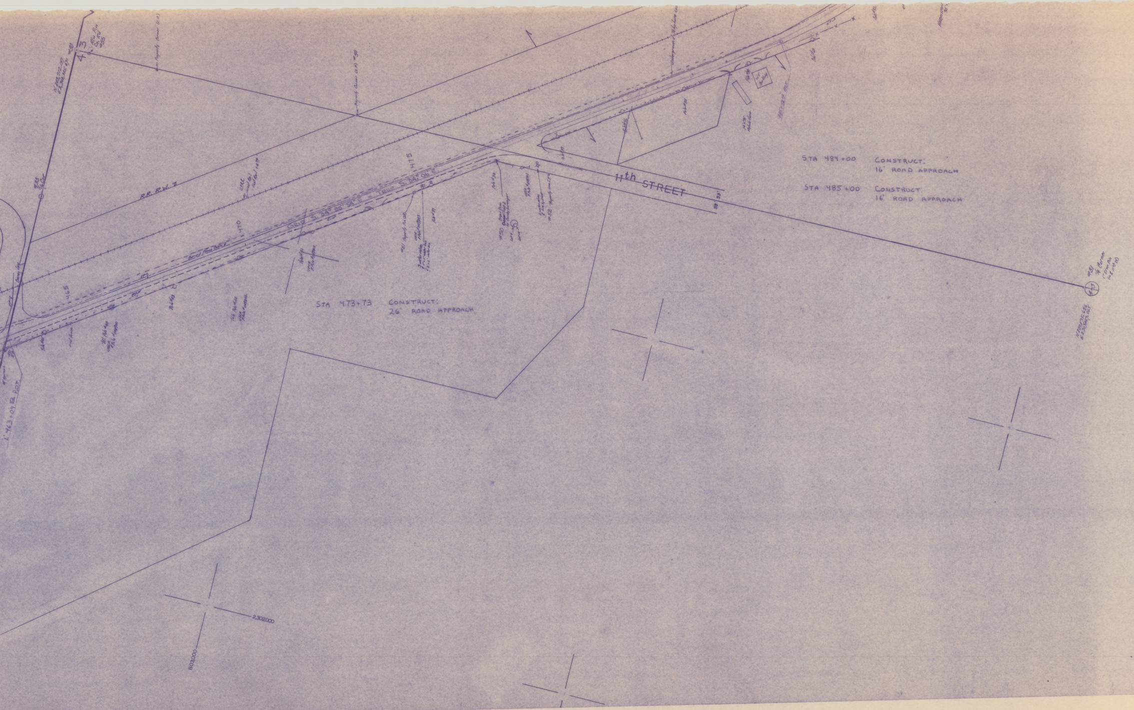
STA. 421+00 CONSTRUCT: 18" x 60' C.M.P.
TRENCH EXC. 16 C.Y.
PIPE UNDER PVMT: 22± ft.

STA. 421+40 CONSTRUCT: 12' ROAD APPROACH

STA. 427+90 CONSTRUCT: 16' ROAD APPRACH

STA. 430+60 CONSTRUCT: 16' ROAD APPROACH
12" x 30' C.M.P.


808,000
CO. RD. 706
5° CL
A= 20°30'
R= 1145.92'
T= 207.22'
LMC= 410.00'
'L' 457+41.82 P.O.T.
'L' 457+59.82 P.C.
'L' 461+69.82 P.T.
'L' 461+65.82 P.O.T.
435
440
445
450
455
460
Board fence
4903
STA. 435+50 CONSTRUCT: 18 ROAD APPROACH
STA. 441+25 CONSTRUCT: 12' ROAD APPROACH
STA. 444+50 CONSTRUCT: 24' ROAD APPROACH
431+80 CONSTRUCT: 24' ROAD APPROACH
STA. 437+25 CONSTRUCT: 20' ROAD APPROACH
STA. 445+75 CONSTRUCT: 16' ROAD APPROACH
434+00 CONSTRUCT: 24' ROAD APPROACH
STA. 439+60 CONSTRUCT: 16' ROAD APPROACH
STA. 446+50 CONSTRUCT: 12' ROAD APPROACH
STA. 448+90 CONSTRUCT: 36' ROAD APPROACH
STA. 450+50 CONSTRUCT: 16' ROAD APPROACH
STA 454+65 CONSTRUCT: 16' ROAD APPROACH
STA 455+00 CONSTRUCT: 16' ROAD APPROACH
STA 461+10 CONSTRUCT: 16' ROAD APPROACH
STA. 462+80 CONSTRUCT: 18' ROAD APPROACH
5600
5500
5400
5300
5200
5100
5000
4900
100
200
300
500
600
700
800
900
CONNER TRACTS
Easement
T.5N. R.28 E.
T.4N. R.28 E.
UMATILLA RIVER


R/W Pin Co. Rd #35
4 3
#30
N 803,712.137
E 2,300,385.871
Property Corner (C.R.)
#35 1/16 Cor
R.R. R.W. ℄
U.P.R.R. West Rail
East Rail
Buried Phone Cable ℄
465
470
475
GRID S. 34° 35' 54" E = TRUE S. 34° 06' E.
Pole #45
end fence
Tel. Pole #44
Tel. Pole #42
Power Pole #41
#51 Property Pin C.O.
Pole #38
#50 Brass Disc Corner Tract 2 by County Surveyor
Lot 9
Lot 10
#52 Property Line
11th STREET
L 463+09.52 P.O.T.
#31 1/4 Corner 1" Iron Pin (in ℄ 11th St.)
N 800,375.626
E 2,303,427.065
2,302,000
803,000

STA 473+73 CONSTRUCT:
26' ROAD APPROACH

STA 484+00 CONSTRUCT:
16' ROAD APPROACH

STA 485+00 CONSTRUCT:
16' ROAD APPROACH