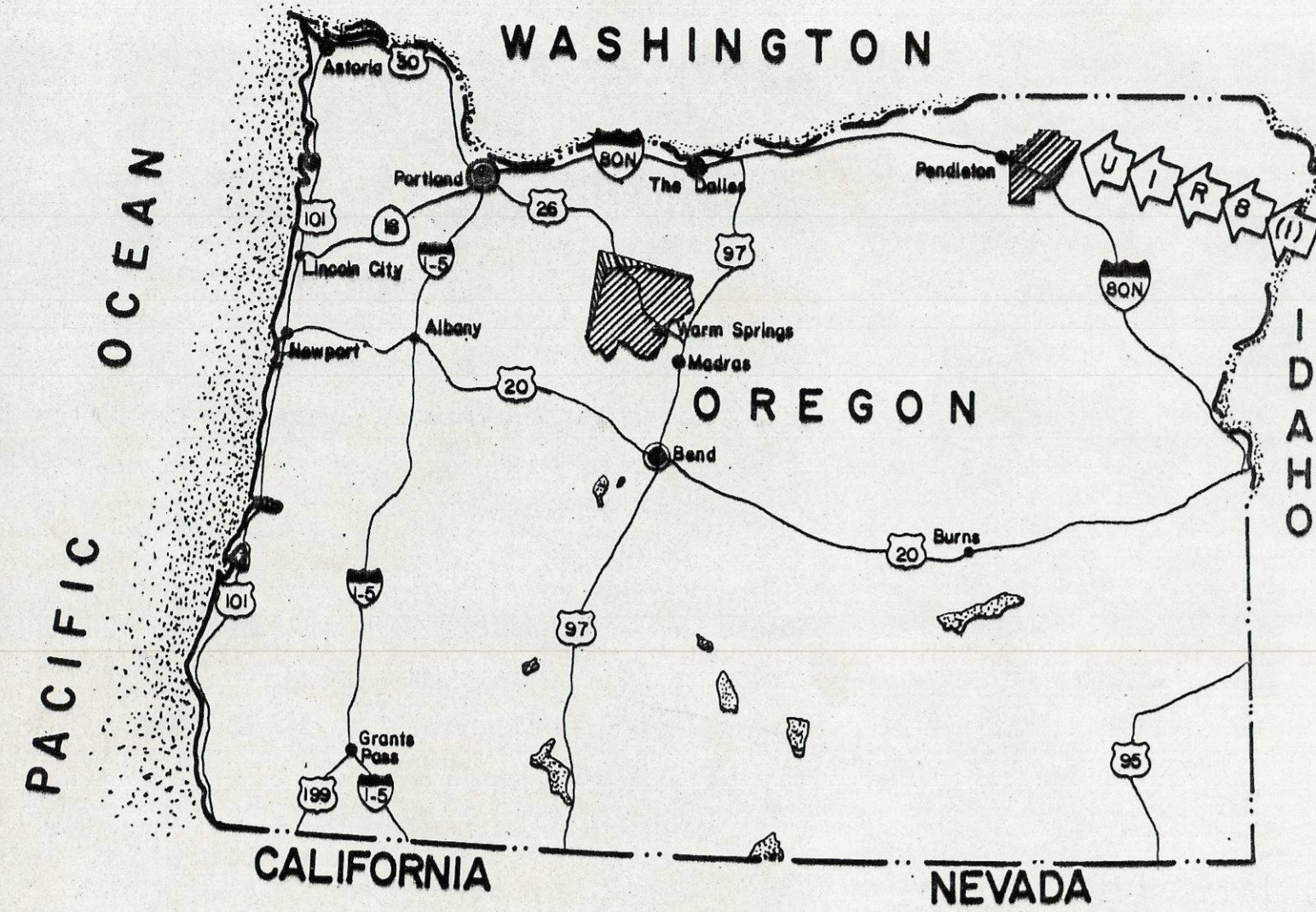


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS

U. S. I. A. AREA	RESERVATION	STATE	PROJ. No.	SHEET No.	TOTAL SHEETS
PORTLAND	UMATILLA	OREGON	UIR 8(1)	.1	13



PLANS FOR PROPOSED
PROJECT UIR 8(1) MISSION HIGHWAY
CONSTRUCT STREET
LENGTH 1.290 MILES
UMATILLA INDIAN RESERVATION
ROAD SYSTEM
OREGON
UMATILLA COUNTY

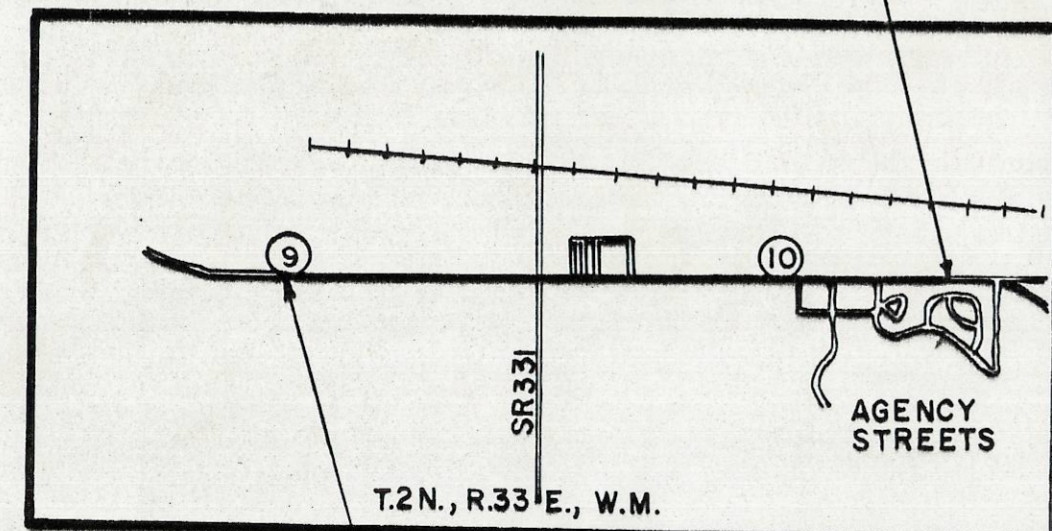
DESIGN STANDARDS

URBAN COLLECTOR
DESIGN SPEED 40 MPH
ADT = 2400 VPD

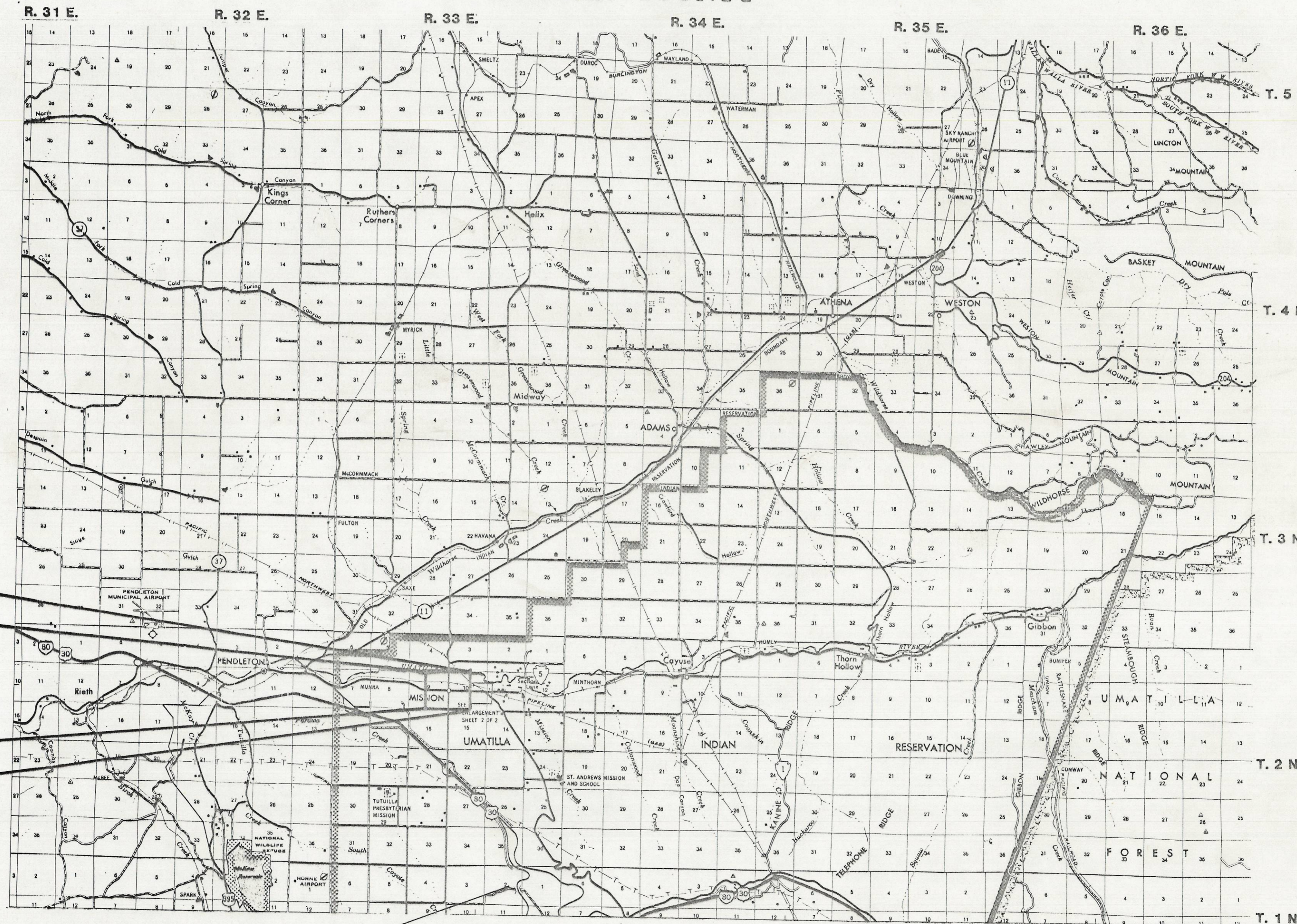
DESCRIPTION OF PROJECT

IMPROVEMENTS: GRADE, DRAIN & PAVE
CURB, GUTTER & SIDEWALK
STORM SEWER
SURFACE: HOT ASPHALTIC CONCRETE
SURFACING

END MISSION HIGHWAY
STA 78+11.54 UIR 8(1)



BEGIN MISSION HIGHWAY
STA 10+00 UIR 8(1)



PIT SITE LOCATED IN THE SE 1/4,
NE 1/4 OF SECTION 2, T1N, R33E, W.M.

Plans prepared by Steven D. Fischer
Plans drawn by Steven D. Fischer

INDEX TO SHEETS	
1	TITLE
2	TYPICAL SECTIONS
3	INTERSECTION, APPROACH AND MISCELLANEOUS DETAILS
4	SUMMARY OF QUANTITIES
5 - 9	PLAN & PROFILE - ROADWAY
10 - 12	PLAN & PROFILE - STORM SEWER
13	TRAFFIC CONTROL PLAN
STANDARDS	
<input type="checkbox"/> 70 - 1.1	CONSTRUCTION APPROACH SIGNING
<input type="checkbox"/> RCS - 1	ROAD CONSTRUCTION SIGNING
<input type="checkbox"/> 603 - 1.01, - 2.01	CORRUGATED METAL PIPE
<input type="checkbox"/> D - 1	DRIVEWAYS
<input type="checkbox"/> 60 - 8.5	STANDARD ROAD APPROACHES
<input type="checkbox"/> SSP - 1	STEEL SIGN POSTS
<input type="checkbox"/> WSM - 1	WATER, SEWER & MANHOLE
<input type="checkbox"/> CB - 1	CATCH BASIN, TYPE 1
<input type="checkbox"/> WCR - 1	WHEELCHAIR RAMP
<input type="checkbox"/> 2117	CHAIN LINK FENCE
<input type="checkbox"/> TCP - 2, - 5	TRAFFIC CONTROL
<input type="checkbox"/> MC - 1	MONUMENT CASE & COVER
<input type="checkbox"/> 2136	MAILBOX INSTALLATIONS
<input type="checkbox"/> TS - 101, 102, 103, 106	TRAFFIC SIGNAL INSTALLATION
<input type="checkbox"/> 40396, 40397	TRAFFIC SIGNAL SUPPORTS
<input type="checkbox"/> RACET	ROAD APPROACH CULVERT END TREATMENT
<input type="checkbox"/> 30 - 10.1	FENCES

FHWA STANDARD DRAWING
 OREGON DEPARTMENT OF TRANSPORTATION
ALL OTHERS BIA

WHITE SHIELD, INC.
CONSULTING ENGINEERING SURVEYING
P.O. BOX 477
GRANDVIEW, WA 98930
PHONE (509) 882-1144

Preliminary
Approved for Construction
Bureau of Indian Affairs
Larry R. Seibel DATE 1/4/91
ROAD ENGINEER
Shirley Sandy DATE 1/8/91
SUPERINTENDENT
AREA ROAD ENGINEER DATE _____

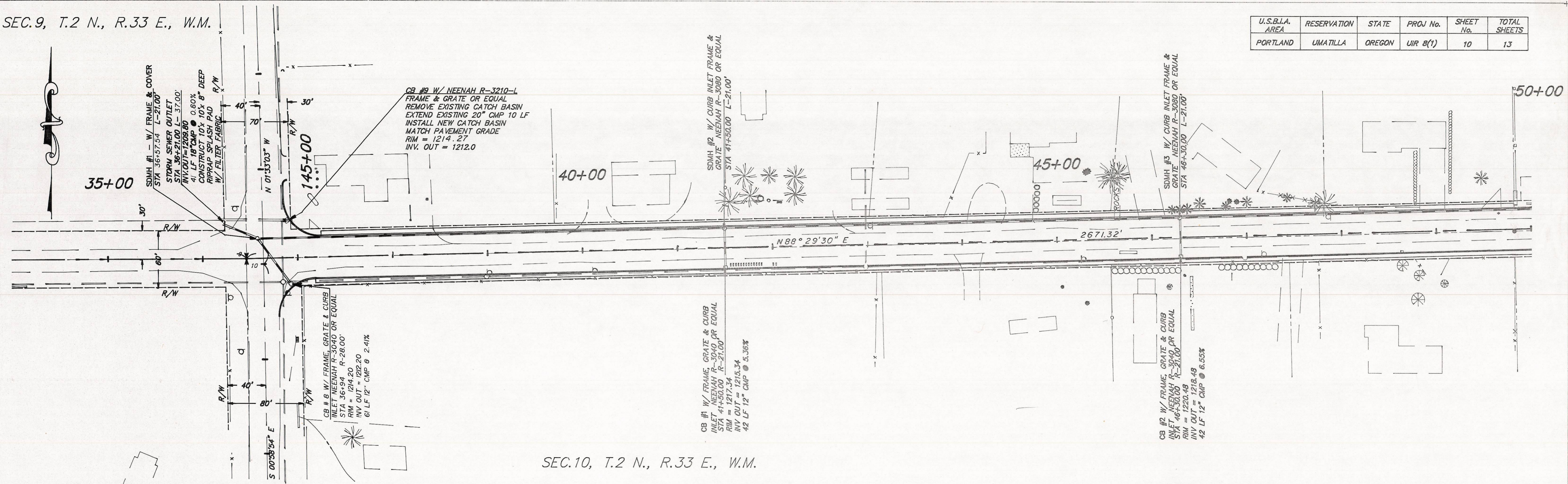
Federal Highway Administration
DIVISION ADMINISTRATOR DATE _____

Box "V"
900

SEC. 9, T. 2 N., R. 33 E., W.M.

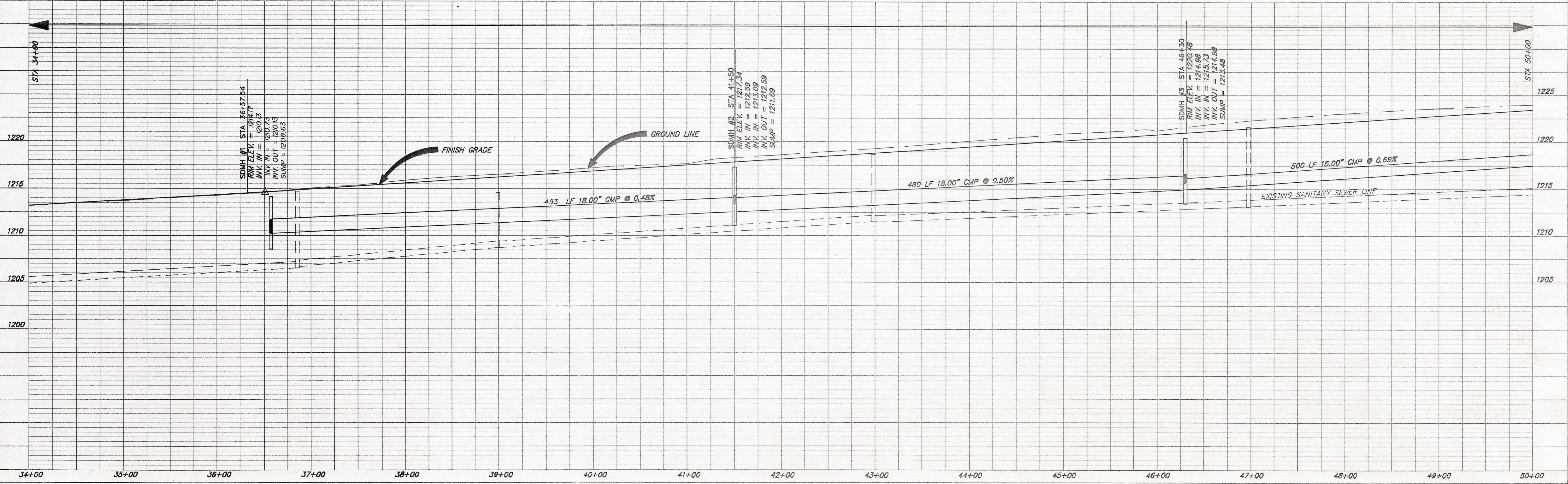
U.S.B.I.A. AREA	RESERVATION	STATE	PROJ No.	SHEET No.	TOTAL SHEETS
PORTLAND	UMATILLA	OREGON	UIR B(1)	10	13

PLAN
 SURVEYED
 PLOTTED
 NOTE BOOK, ALIGNMENT CHECKED
 R. OF WAY CHECKED
 No.



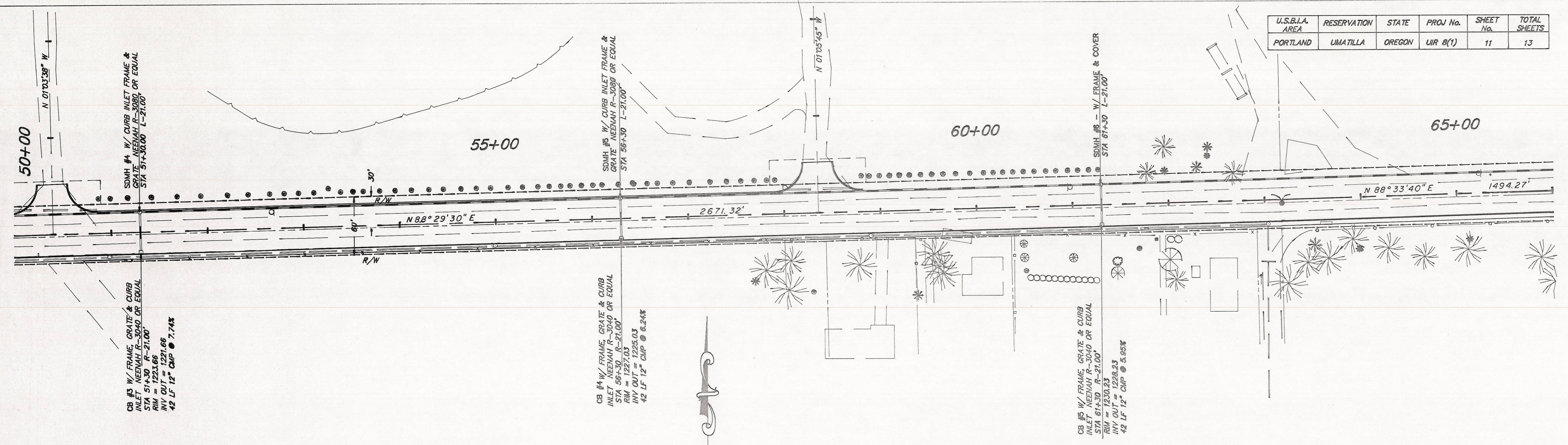
SEC. 10, T. 2 N., R. 33 E., W.M.

PROFILE
 SURVEYED
 PLOTTED
 NOTE BOOK, GRADES CHECKED
 STRUCTURE NOTATIONS CHECKED
 No.



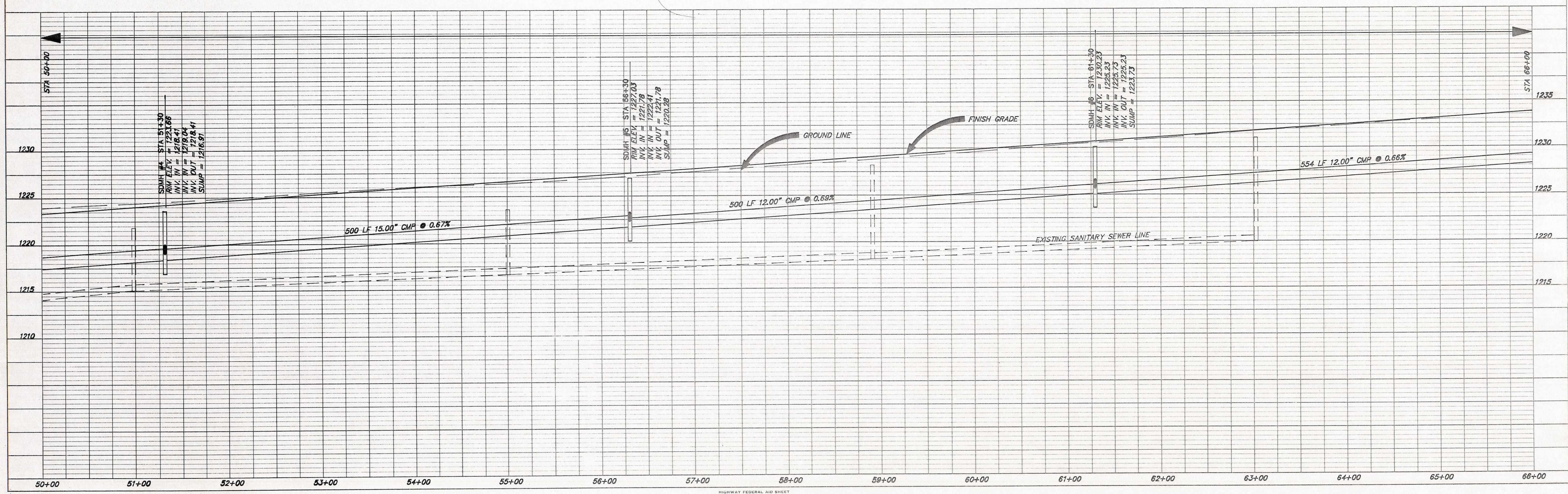
U.S.B.L.A. AREA	RESERVATION	STATE	PROJ No.	SHEET No.	TOTAL SHEETS
PORTLAND	UMATILLA	OREGON	UIR 8(1)	11	13

DATE: _____ BY: _____
 SUPERVISED BY: _____
 NOTE BOOK NO. _____
 PLAN No. _____
 SURVEYED BY: _____
 GRADES CHECKED: _____
 R. M.'S. NOTED: _____
 STRUCTURE NOTATIONS CHECKED: _____



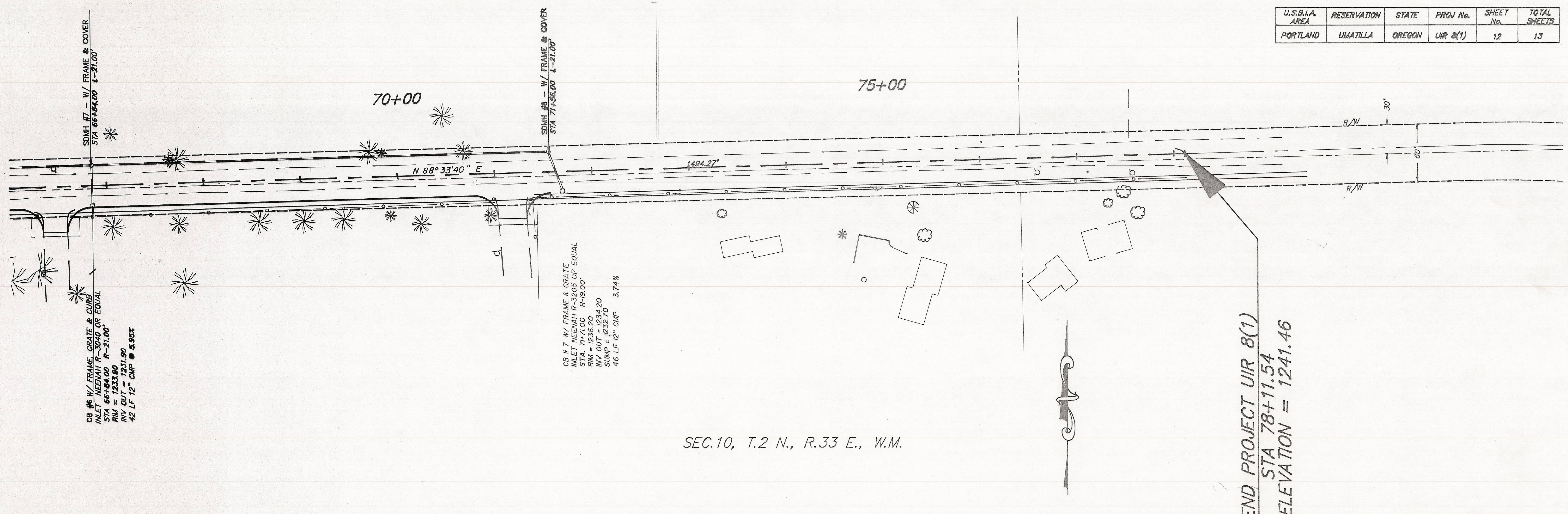
SEC.10, T.2 N., R.33 E., W.M.

DATE: _____ BY: _____
 SUPERVISED BY: _____
 NOTE BOOK NO. _____
 PROFILE No. _____
 SURVEYED BY: _____
 GRADES CHECKED: _____
 R. M.'S. NOTED: _____
 STRUCTURE NOTATIONS CHECKED: _____

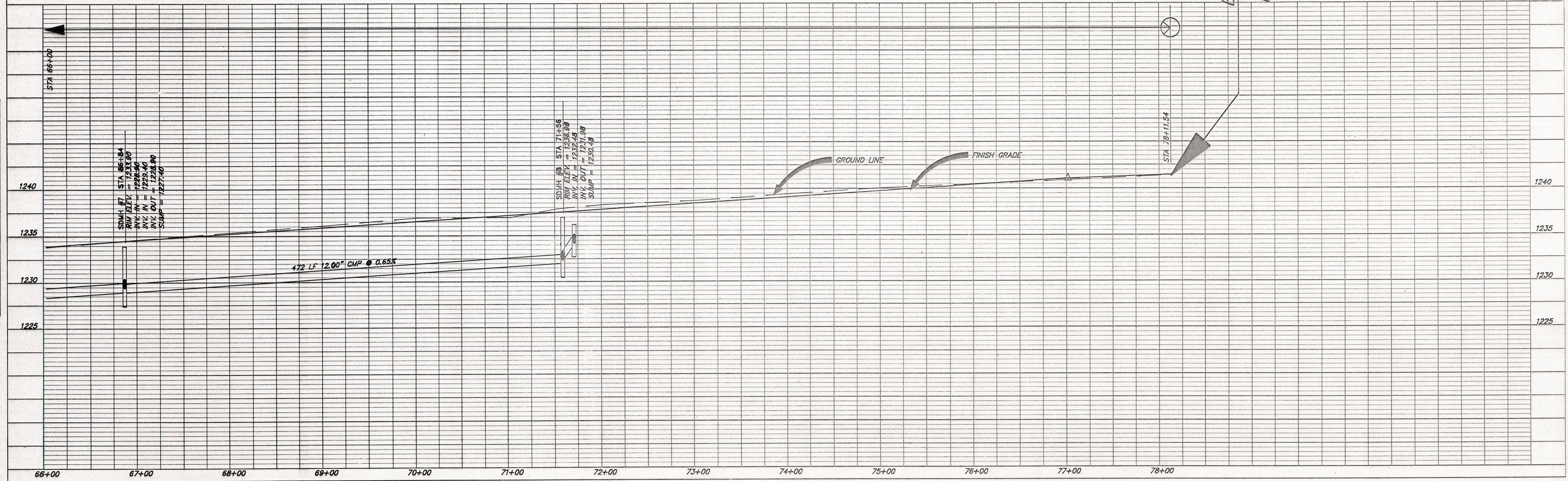


U.S.B.L.A. AREA	RESERVATION	STATE	PROJ No.	SHEET No.	TOTAL SHEETS
PORTLAND	UMATILLA	OREGON	UIR 8(1)	12	13

PLAN
 SURVEYED BY: _____
 PLOTTED AND CHECKED BY: _____
 DATE: _____
 NO. OF WAY CHECKED: _____



PROFILE
 SURVEYED BY: _____
 PLOTTED AND CHECKED BY: _____
 DATE: _____
 NO. OF WAY CHECKED: _____



TRAFFIC CONTROL PLAN

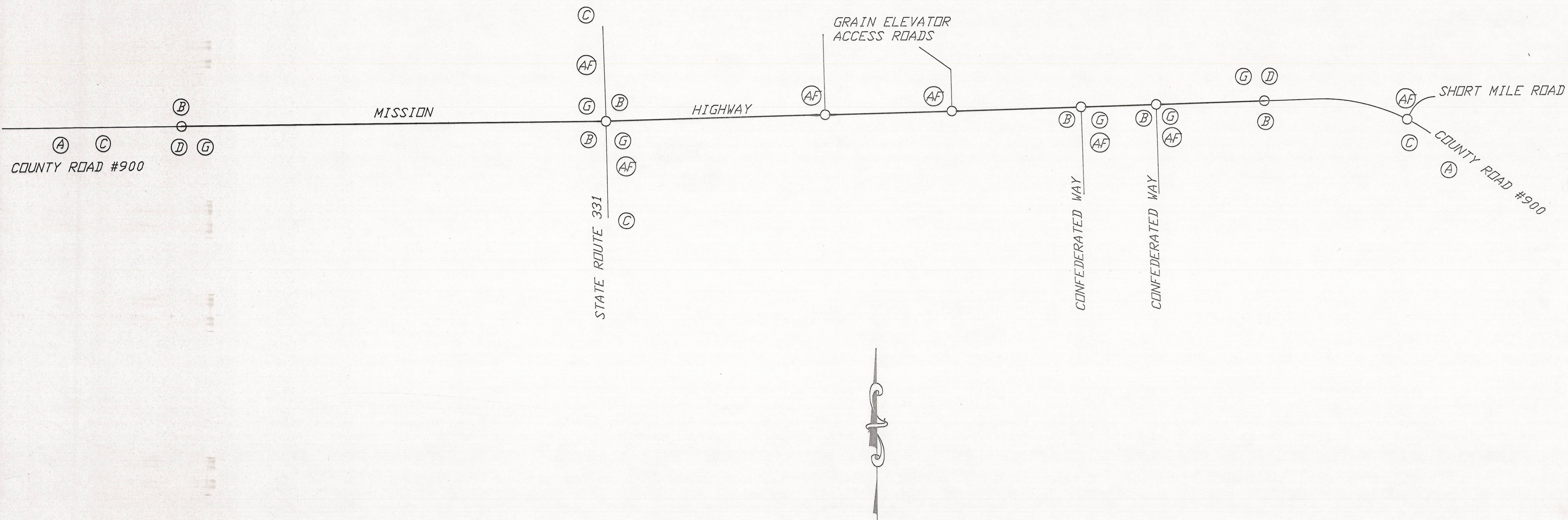
FIXED BASE CONSTRUCTION SIGNS

Ⓐ	ROAD CONSTRUCTION AHEAD	W20-1	9 ea.	48"x48"
Ⓑ	END CONSTRUCTION	G20-2	6 ea.	60"x24"
Ⓒ	ROAD CONSTRUCTION 1000 FT.	W20-1	4 ea.	48"x48"
Ⓓ	ROAD CONSTRUCTION NEXT 1.3 MILES	G20-1	2 ea.	60"x24"
Ⓔ	SINGLE ARROW	W1-6	1 ea.	48"x24"
Ⓕ	DOUBLE ARROW	W1-6D	6 ea.	48"x24"
Ⓖ	35 MPH	W13-1	9 ea.	24"x24"

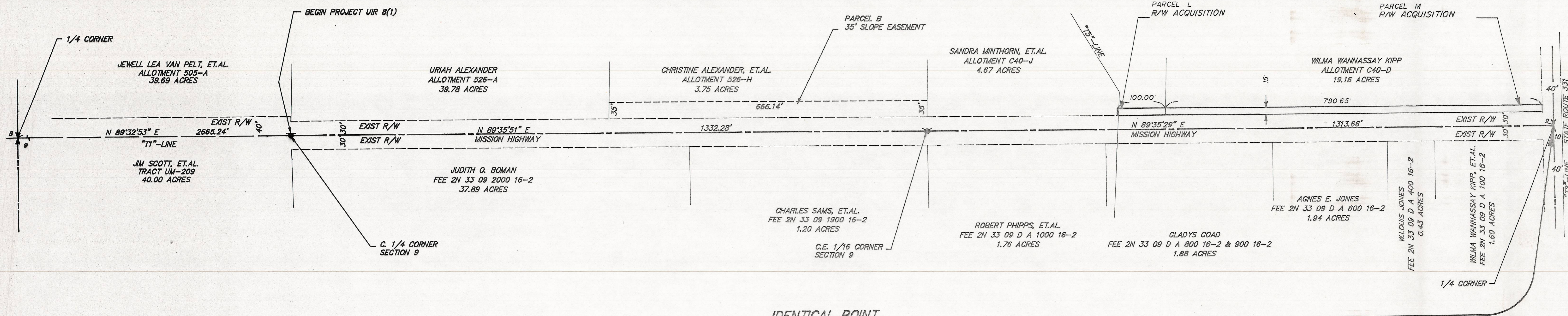
TEMPORARY CONSTRUCTION SIGNS

ROAD MACHINERY AHEAD	W21-3	4 ea.	36"x36"
FLAGGER 500 FT.	W20-7	2 ea.	36"x36"
ONE LANE ROAD AHEAD	W20-4	2 ea.	36"x36"
PAVEMENT ENDS	W8-3	2 ea.	36"x36"
SHOULDER WORK	W21-5	2 ea.	36"x36"
LOOSE GRAVEL		2 ea.	36"x36"
TRUCKS		4 ea.	36"x36"
TRUCK CROSSING		4 ea.	36"x36"
MISCELLANEOUS		5 ea.	36"x36"

NOTE: All signs shall be Orange & Black
Used signs will not be allowed except with written permission of the C.D.R.

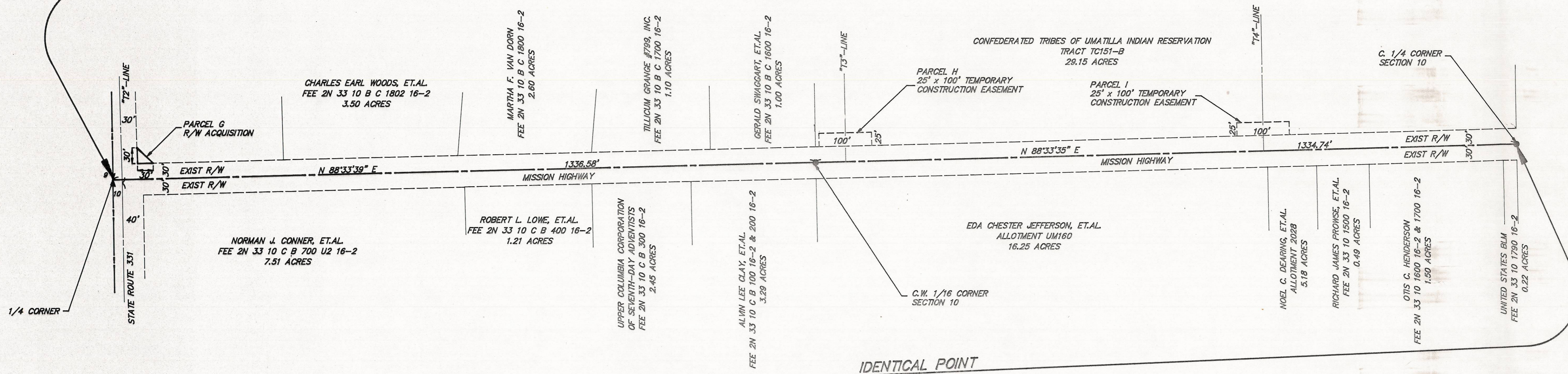


SEC. 9, T.2 N, R.33 E., W.M.



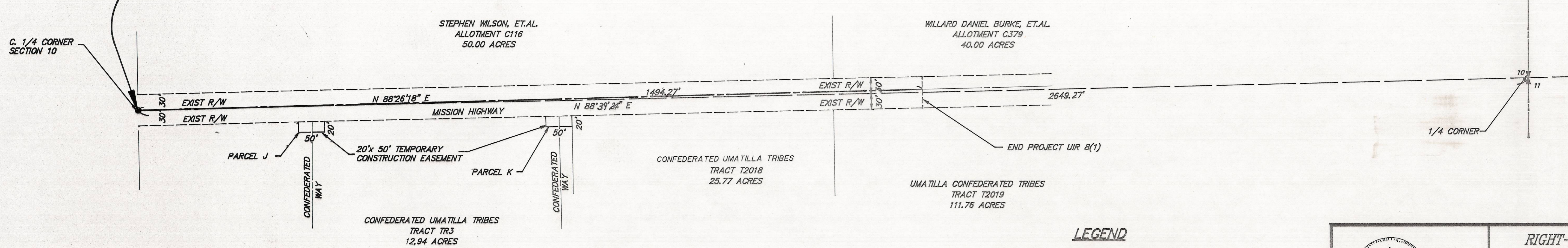
IDENTICAL POINT

SEC. 10, T.2 N, R.33 E., W.M.



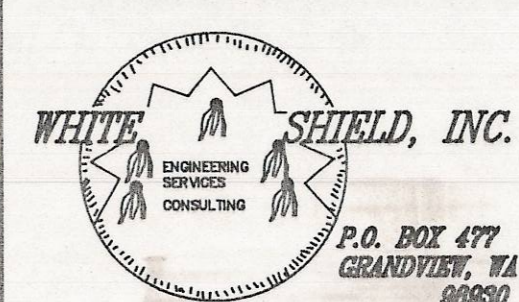
IDENTICAL POINT

SEC. 10, T.2 N, R.33 E., W.M.



LEGEND

- MIDSECTION LINE
- PROPOSED CENTERLINE
- EXISTING CENTERLINE
- RIGHT-OF-WAY (EXISTING)
- RIGHT-OF-WAY (NEW ACQUISITION)
- EASEMENT LINE
- PROPERTY LINE



WHITE SHIELD, INC.
ENGINEERING
SURVEYING
CONSULTING

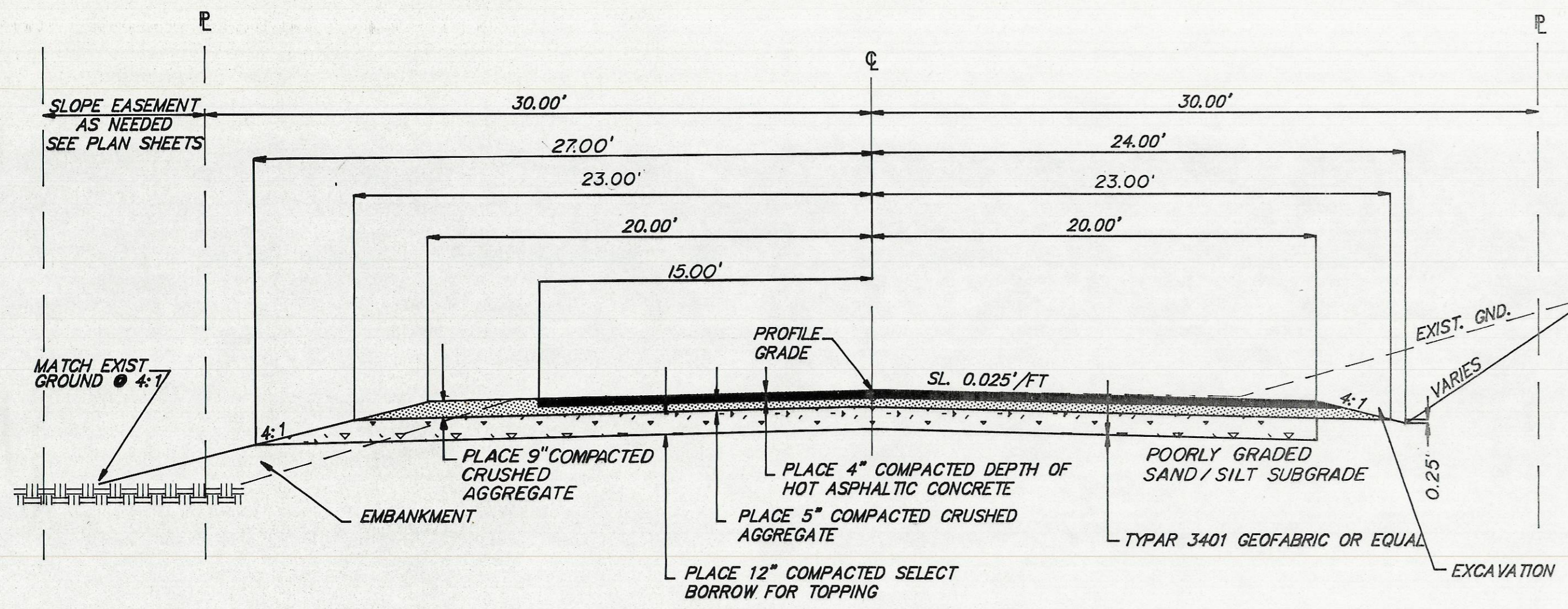
P.O. BOX 477
GRANDVIEW, WA 98630
PHONE (509) 682-1144

RIGHT-OF-WAY MAP
MISSION HIGHWAY
PROJECT UIR 8(1)
UMATILLA INDIAN RESERVATION

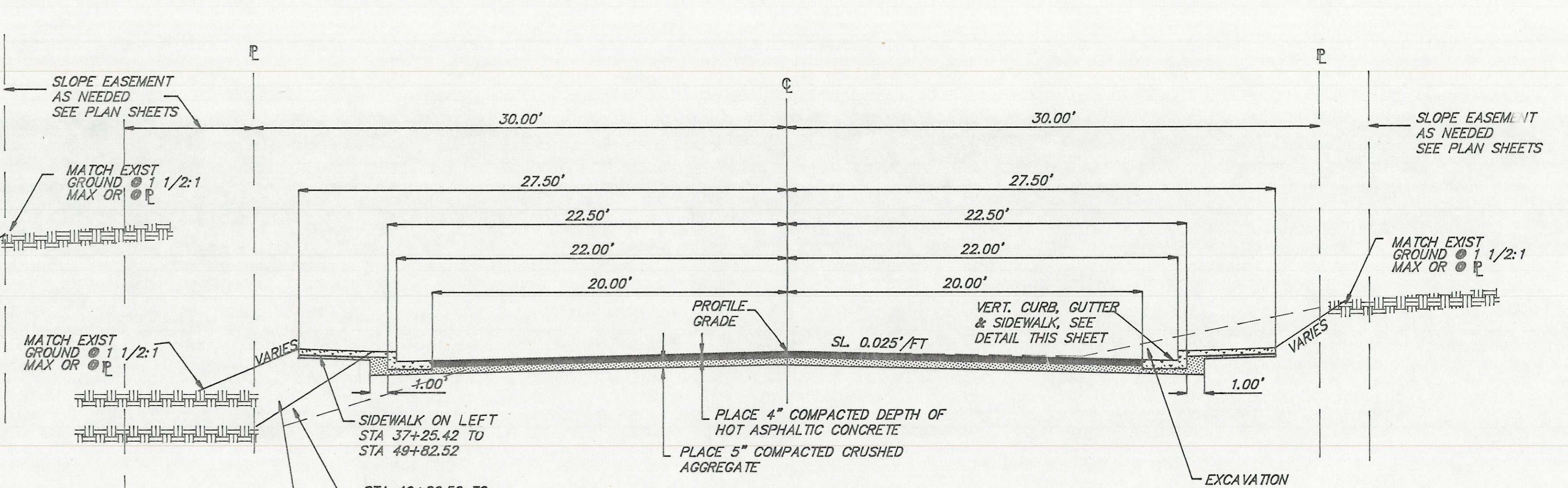
SCALE: 1" = 100'
JOB # BIA-0889

DESIGN BY: SDF DRAWN BY: SDF/SP2800 CHECKED BY: DATE: 2/23/90

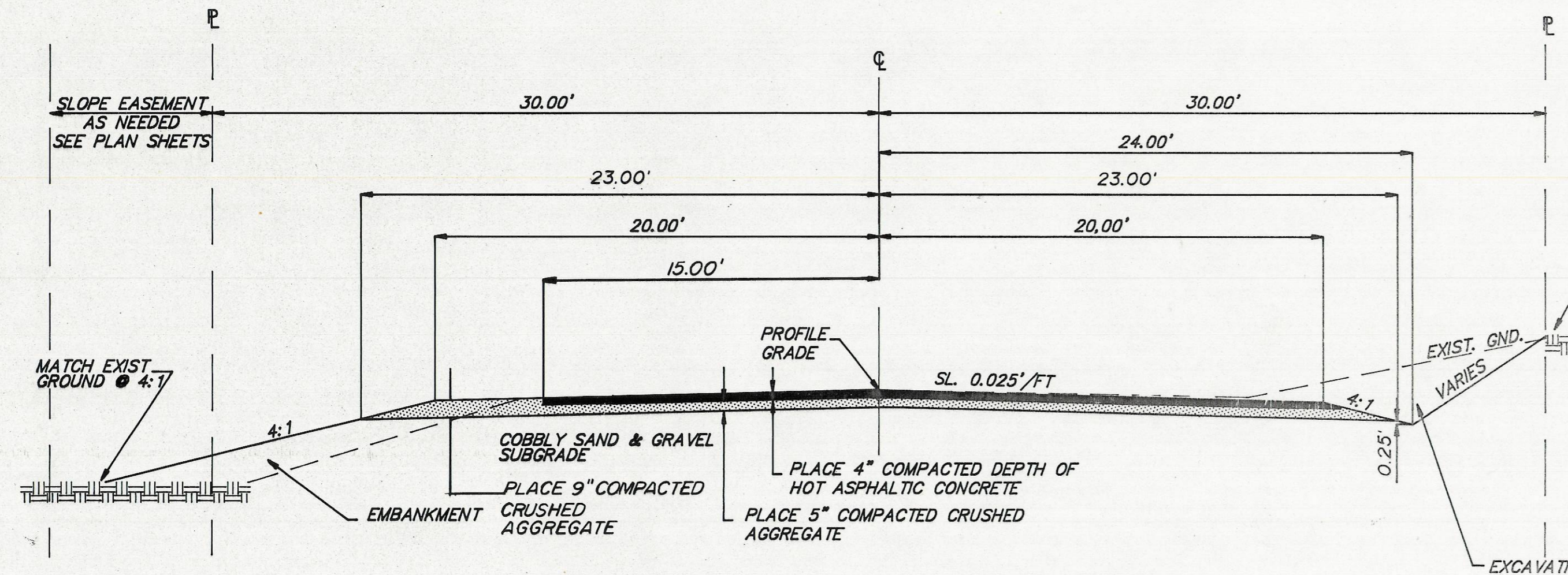
TYPICAL SECTIONS



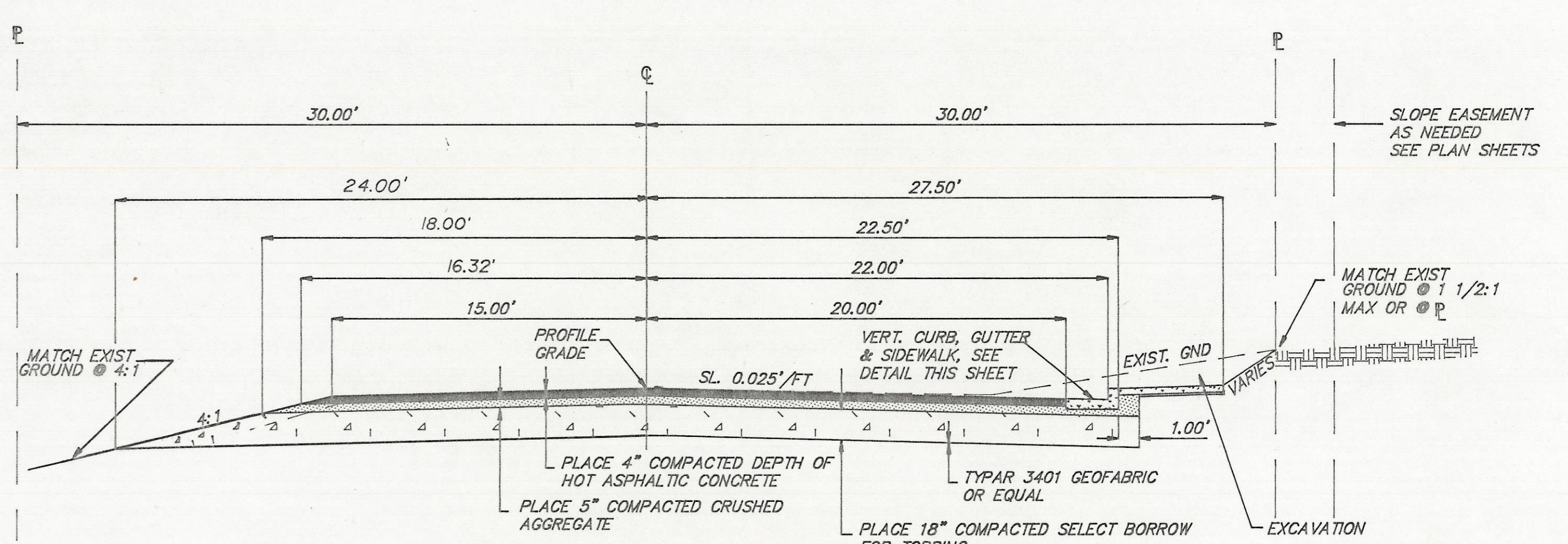
TYPICAL SECTION "A" MISSION HIGHWAY
STA 10+00 TO STA 31+80
(TAPER PAVEMENT TO MATCH EXISTING ROAD 10+50 TO 10+00)



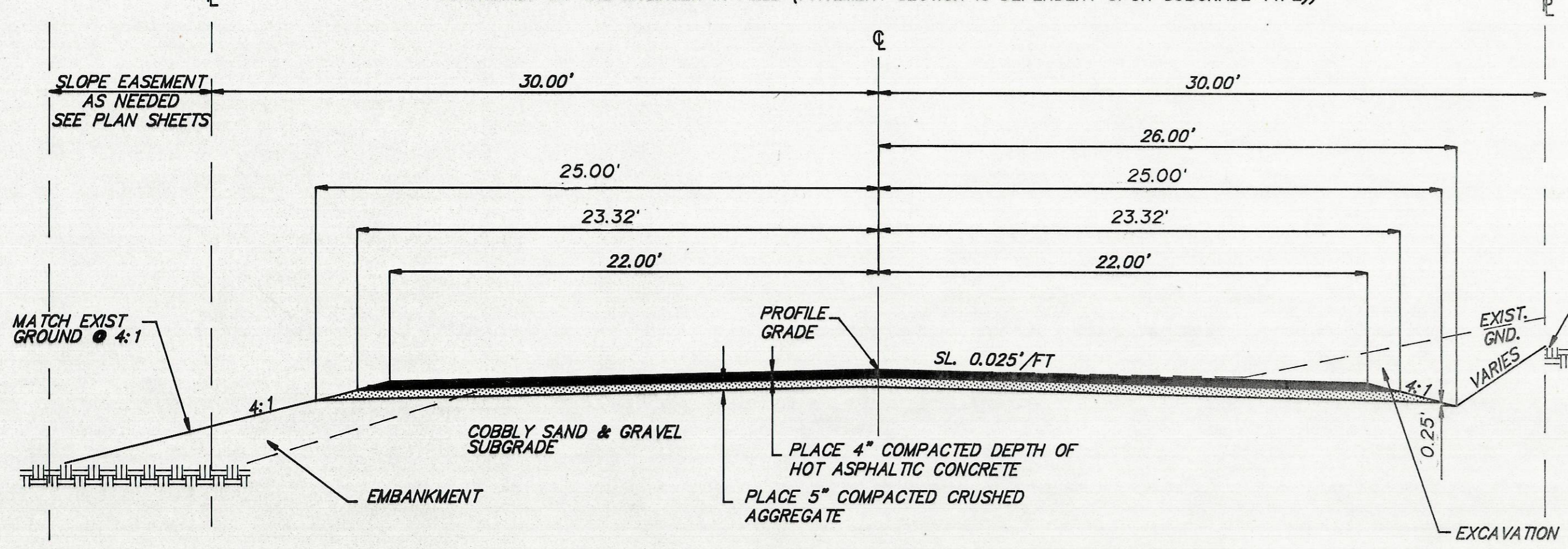
TYPICAL SECTION "D" MISSION HIGHWAY
STA 37+18.45 TO STA 58+80.99



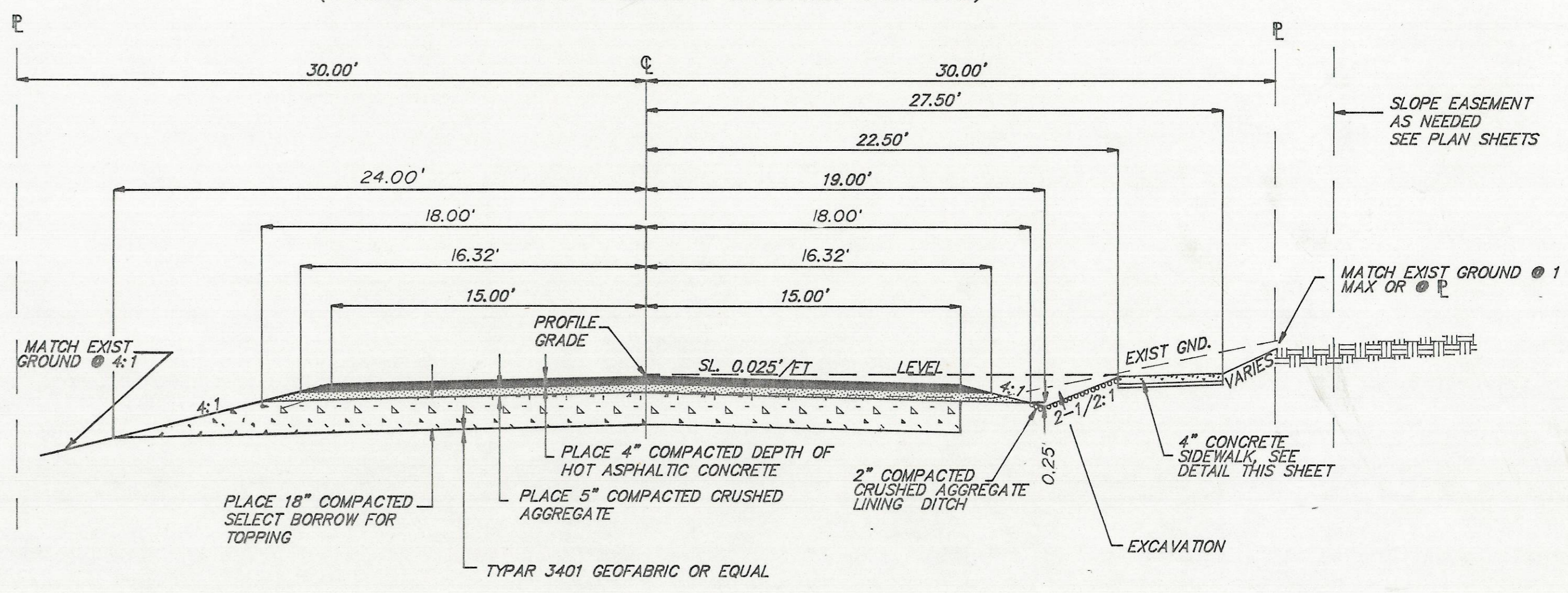
TYPICAL SECTION "B" MISSION HIGHWAY
STA 31+80 TO STA 32+50
(TRANSITION FROM SECTION "A" TO SECTION "B" IS APPROXIMATE ACTUAL LOCATION TO BE DETERMINED BY THE ENGINEER IN FIELD (PAVEMENT SECTION IS DEPENDENT UPON SUBGRADE TYPE))



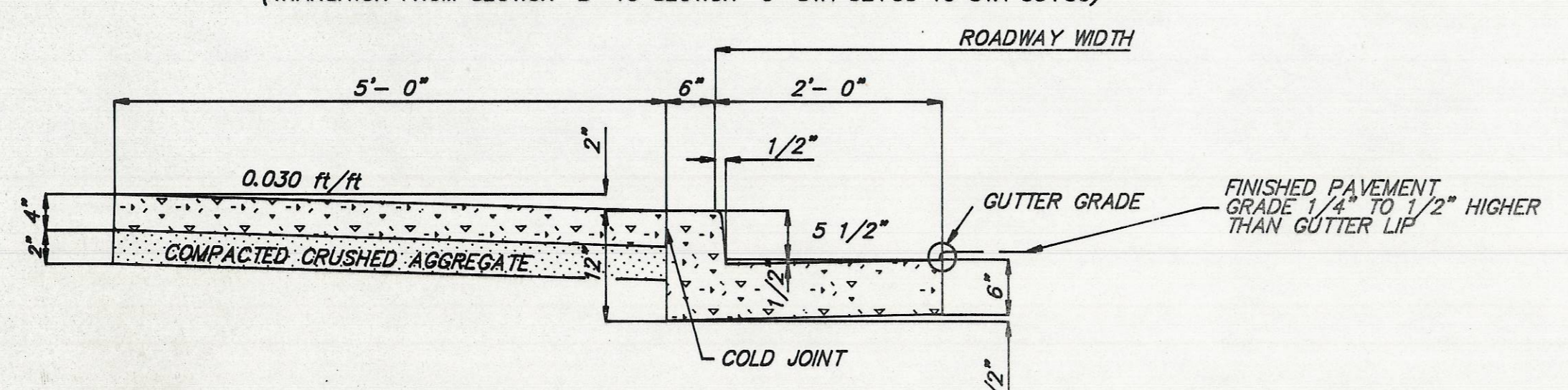
TYPICAL SECTION "E" MISSION HIGHWAY
STA 58+80.99 TO STA 71+55.62
(TRANSITION FROM SECTION "D" TO SECTION "E" STA 58+80.99 TO STA 60+50)



TYPICAL SECTION "C" MISSION HIGHWAY
STA 35+50 TO STA 37+18.45
(TRANSITION FROM SECTION "B" TO SECTION "C" STA 32+50 TO STA 35+50)



TYPICAL SECTION "F" MISSION HIGHWAY
STA 71+55.62 TO STA 71+71



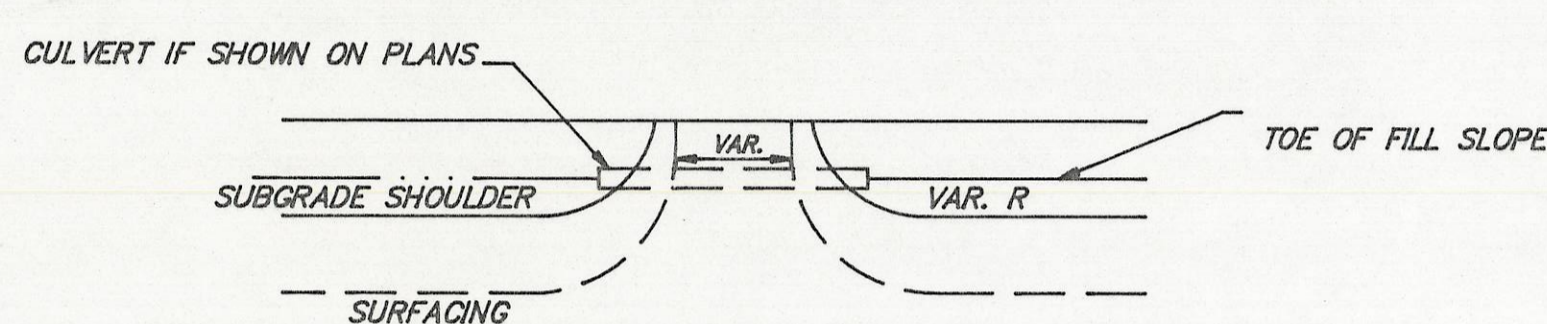
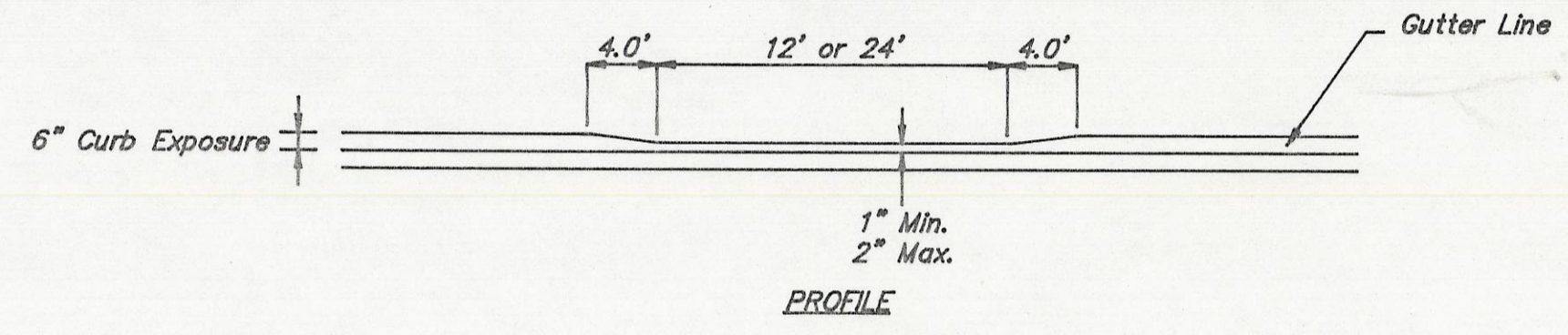
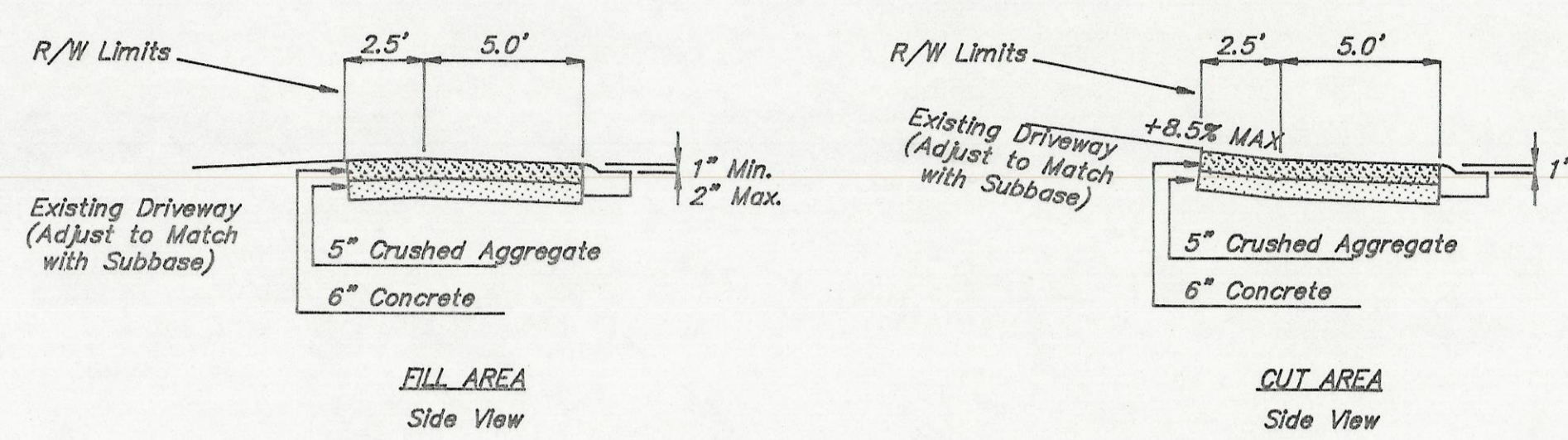
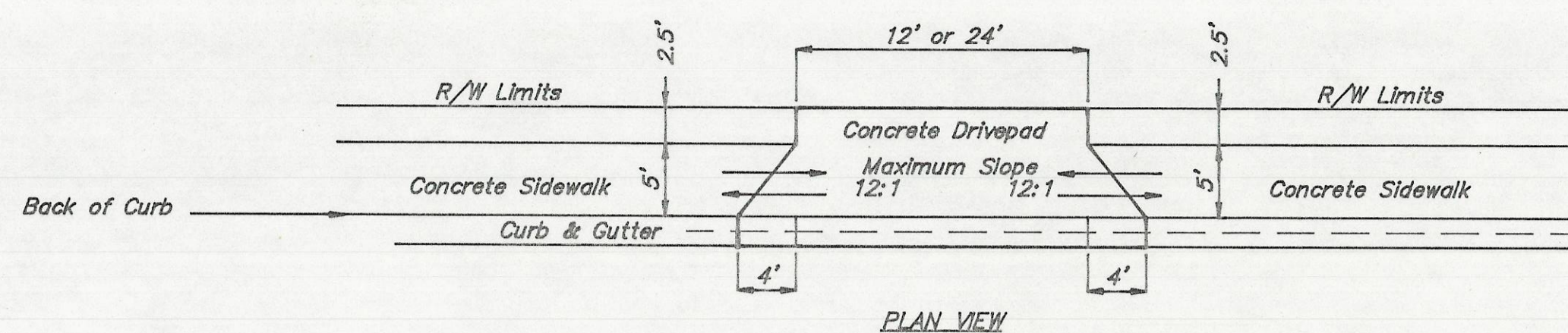
VERTICAL CURB, GUTTER & SIDEWALK

INTERSECTION, APPROACH, & MISCELLANEOUS DETAILS

U.S.B.I.A. AREA	RESERVATION	STATE	PROJ No.	SHEET No.	TOTAL SHEETS
PORTLAND	UMATILLA	OREGON	UIR 8 (1)	3	13

GENERAL NOTES:

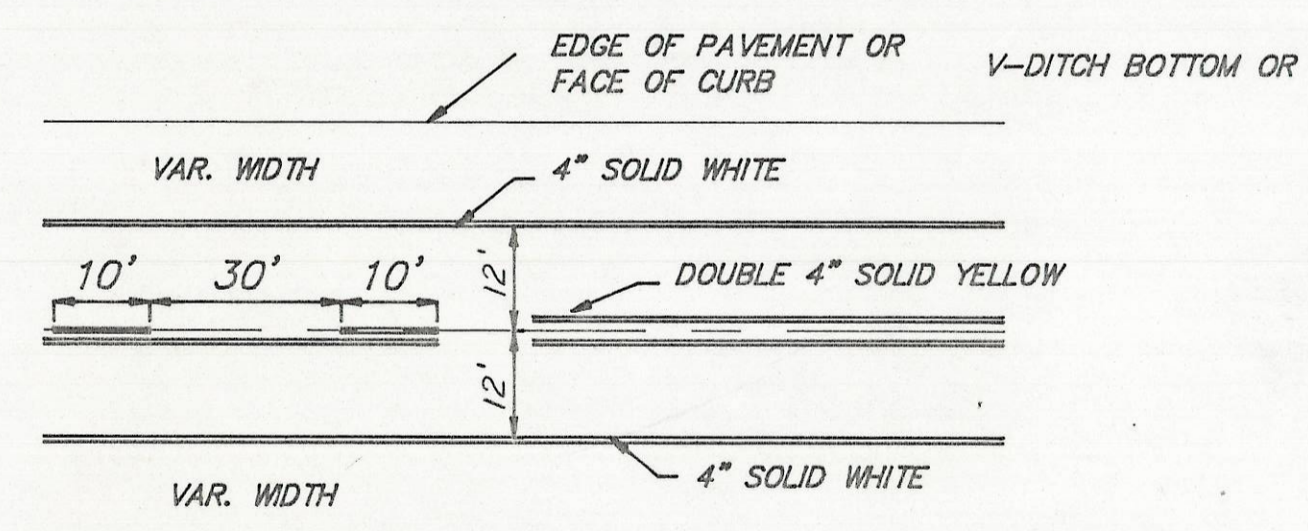
- WORK TO BE DONE IN ACCORDANCE WITH "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES ON FEDERAL HIGHWAY PROJECTS (FP-85)" AND AS MODIFIED IN THE "SPECIAL CONTRACT REQUIREMENTS."
- LINE AND GRADE ARE SUBJECT TO ADJUSTMENTS.
- CULVERT LENGTHS FOR CROSS DRAINS AND APPROACHES ARE ESTIMATED ONLY. ORDER LENGTHS WILL BE DETERMINED BY CONSTRUCTION STAKING.
- CORRUGATED METAL PIPE MAY BE BITUMINOUS COATED, ALUMINUM CLAD STEEL OR ALUMINUM CONFORMING TO SPECIAL CONTRACT REQUIREMENTS.
- REMOVED FENCE MATERIAL TO BE DISPOSED OF BY THE CONTRACTOR.
- BEDDING COURSE WILL BE CRUSHED AGGREGATE.
- CURBING LENGTHS TO BE REMOVED AND REPLACED AT INTERSECTING STREETS WILL BE DETERMINED BY CONSTRUCTION.
- ALL CURBING WILL BE CAST-IN-PLACE CONCRETE AND SHALL CONFORM TO THE REQUIREMENTS OF SECTION 602.
- ONE-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
- TRAFFIC SIGNS AND MARKINGS ARE TO BE DONE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", 1988 AND CURRENT MODIFICATIONS.
- POWER AND TELEPHONE UTILITY LINES TO BE RELOCATED BY RESPECTIVE UTILITY WHEN LINES FALL WITHIN THE BOUNDARIES OF SLOPE STAKE LINES.
- MAILBOX INSTALLATIONS PER STANDARD DRAWING NO. 2136



NOTE: LOCATION OF APPROACHES SUBJECT TO ADJUSTMENT, FINAL LOCATION TO BE DETERMINED BY THE CONTRACTING OFFICER'S REPRESENTATIVE.

TYPICAL DRIVEWAY DETAIL

DETAIL OF APPROACH ROADS

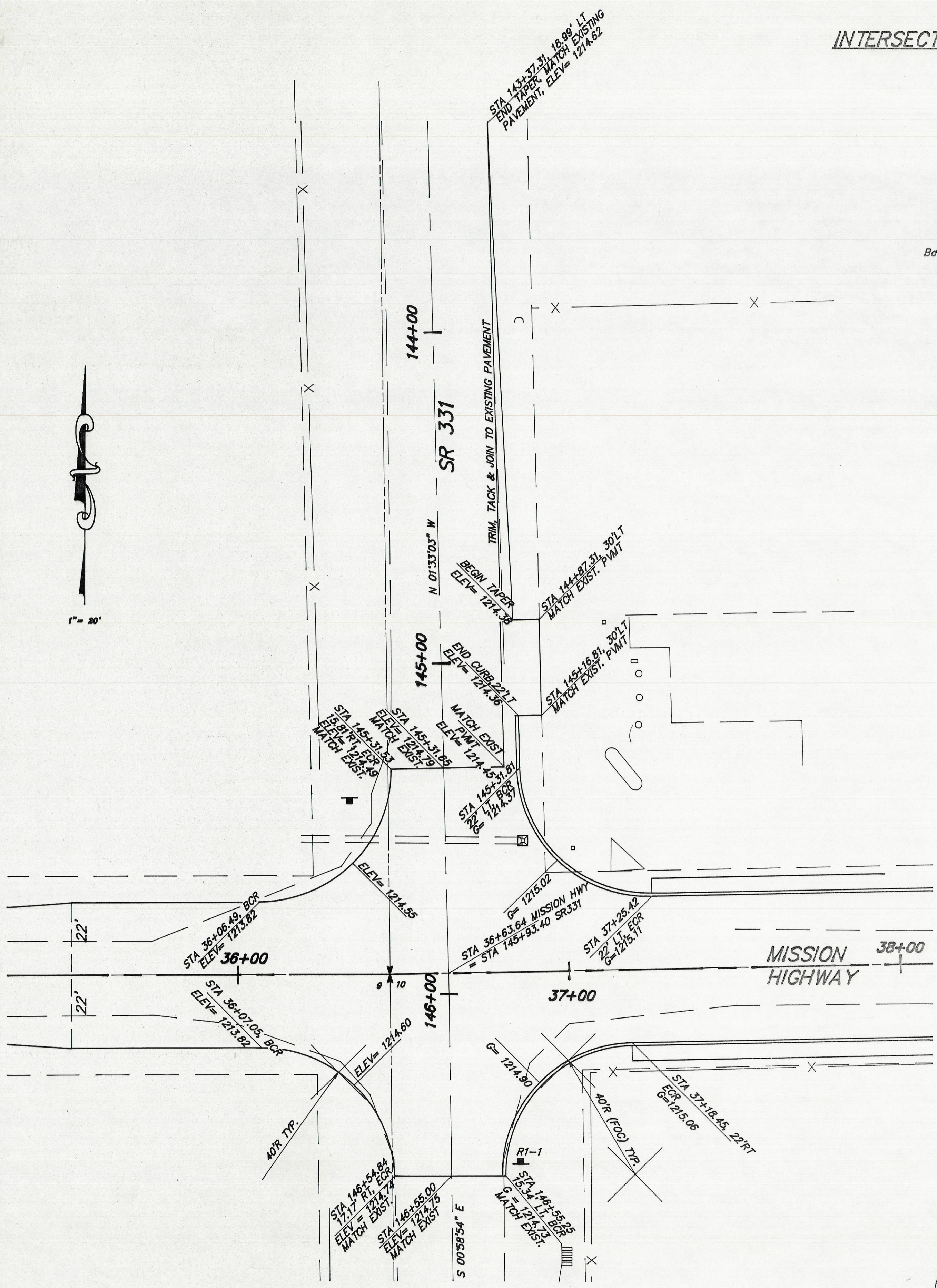


TYPICAL 2-LANE, TWO-WAY MARKING APPLICATIONS

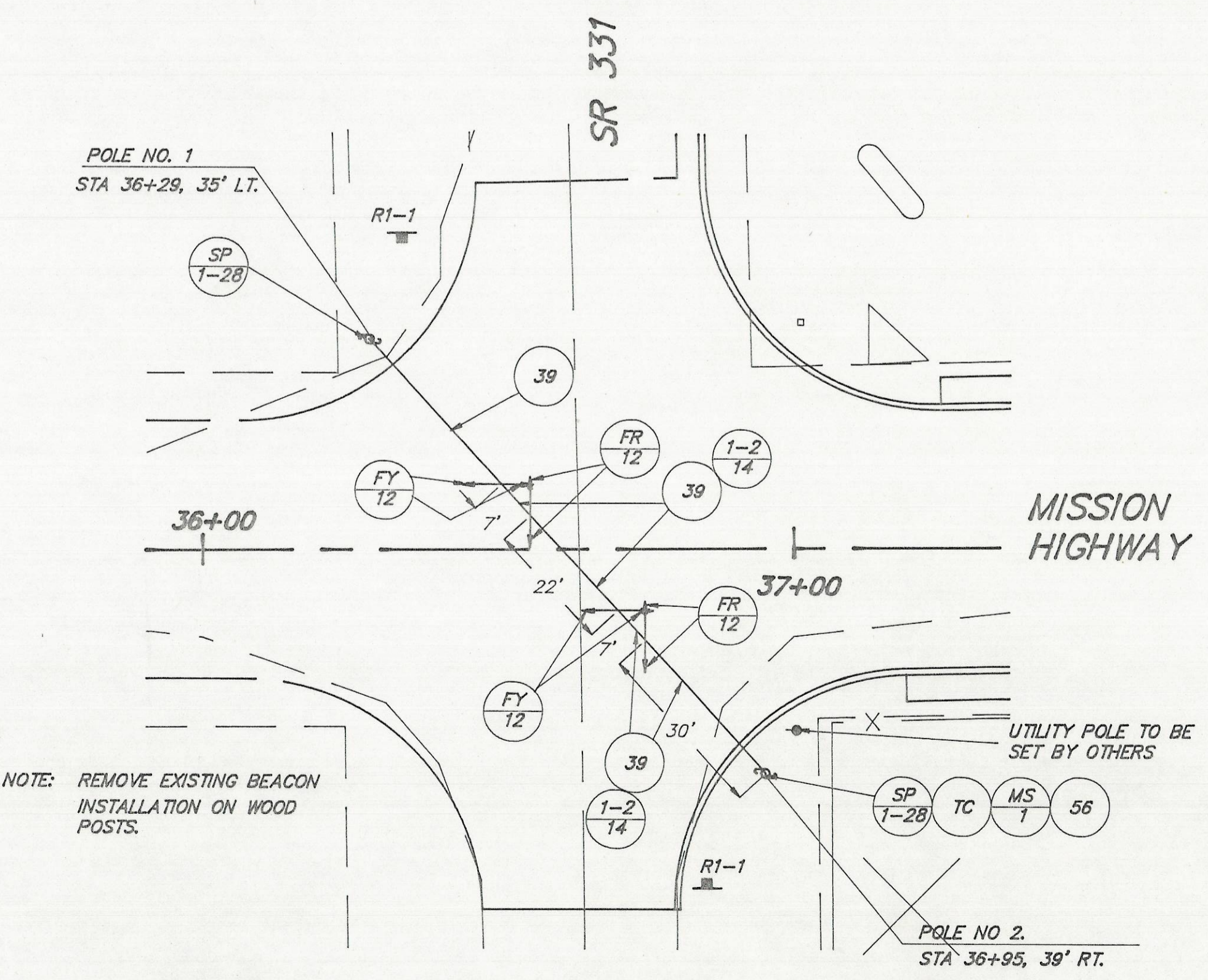
NO PASSING ZONES		
STA FROM	STA TO	DIRECTION
9+50	13+00	EAST, RT
12+00	18+00	WEST, LT
31+00	36+07	EAST, RT
37+18	42+00	WEST, LT

SIGNALIZATION LEGEND

- 39 INSTALL 3/8 INCH GALV. STEEL MESSENGER CABLE
 - X-N/G INSTALL (X)-(N) NO. (G) CONTROL CABLES
 - 56 INSTALL 8"x 8"x 18" FLASHER CABINET
 - MS 1 INSTALL 120 VOLT METER BASE
 - TC INSTALL 6"x 8"x 18" TERMINAL CABINET WITH SECTIONAL TERMINAL BLOCKS AS CONNECTORS
- H=HEIGHT SHOWN
X=NUMBER OF CABLES SHOWN
G=AWG SIZE SHOWN
T=TYPE SHOWN
N=NUMBER SHOWN
S=SIZE SHOWN



INTERSECTION DETAIL



FLASHING BEACON DETAIL

NOTE: REMOVE EXISTING BEACON INSTALLATION ON WOOD POSTS.

- SP T-H INSTALL TYPE (T), HEIGHT (H) STANDARD STEEL STRAIN POLE
- FY S INSTALL (S) INCH FLASHING YELLOW BEACON
- FR S INSTALL (S) INCH FLASHING RED BEACON



U.S.B.I.A. AREA	RESERVATION	STATE	PROJ No.	SHEET No.	TOTAL SHEETS
PORTLAND	UMATILLA	OREGON	UIR B(1)	4	13

SUMMARY OF QUANTITIES			
NO.	ITEM	UNIT	QUANTITY
105(1)	CONSTRUCTION STAKING	L.S.	ALL REQ'D
106(4)	CONTRACTOR'S INSPECTION SYSTEM	L.S.	ALL REQ'D
201(2)	CLEARING AND GRUBBING	L.S.	ALL REQ'D
202(II)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	ALL REQ'D
203(1)	ROADWAY EXCAVATION	CU. YD.	17,880
203(4)	SELECT BORROW FOR TOPPING	CU. YD.	8,100
203(10)	FILTER FABRIC, ROADBED MATERIAL SEPARATION	SQ. YD.	21,360
207(2)	WATERING	L.S.	ALL REQ'D
304(1)	AGGREGATE BASE, GRADING "E"	TON	11,430
401(1)	HOT ASPHALTIC CONCRETE PAVEMENT, CLASS B, GRADING C	TON	7,205
601(1)	MOBILIZATION	L.S.	ALL REQ'D
603(13a)	22" SPAN, 13" RISE, CORR.M.P.A. CULVERT, 0.064 INCH	LIN. FT.	490
603(13b)	57" SPAN, 38" RISE, CORR.M.P.A. CULVERT, 0.109 INCH	LIN. FT.	120
603(3a)	12" CORRUGATED STEEL PIPE CULVERT, 0.064 INCH	LIN. FT.	1,824
603(3b)	15" CORRUGATED STEEL PIPE CULVERT, 0.064 INCH	LIN. FT.	1,000
603(3c)	18" CORRUGATED STEEL PIPE CULVERT, 0.064 INCH	LIN. FT.	1,022
603(3d)	20" CORRUGATED STEEL PIPE CULVERT, 0.064 INCH	LIN. FT.	10
604(1)	MANHOLE, TYPE I	EACH	8
604(3)	CATCH BASIN	EACH	9
604(5)	MANHOLE ADJUSTMENT	EACH	11
604(8)	WATER VALVE ADJUSTMENT	EACH	2
604(11a)	METAL FRAME & GRATE, TYPE R-3205	EACH	1
604(11b)	METAL FRAME & GRATE, TYPE R-3040	EACH	6
604(11c)	METAL FRAME & GRATE, TYPE R-3080	EACH	4
604(11d)	METAL FRAME & GRATE, TYPE R-3210-L	EACH	1
604(15)	CATCH BASIN, 20" PIPE CONNECTION	EACH	1
607(1)	FENCE, CHAINLINK, TYPE CL4	LIN. FT.	1,755
607(2)	GATE, CHAINLINK, TYPE CL4, 5-FT WIDE	EACH	1
608(1)	PORTLAND CEMENT CONCRETE SIDEWALK, 4-INCH DEPTH	SQ. YD.	4,818
608(3)	PORTLAND CEMENT CONCRETE DRIVEPAD, 6-INCH DEPTH	SQ. YD.	312
609(3)	PORTLAND CEMENT CONCRETE CURB & GUTTER, 6-INCH DEPTH	LIN. FT.	5,975
619(1)	LOOSE RIPRAP, CLASS 1	CU. YD.	2
619(10)	FILTER FABRIC	SQ. YD.	12
623(3)	SECTION CORNER MONUMENTS & CASE	EACH	4
633(1)	SIGN INSTALLATION	EACH	29
634(1a)	PAVEMENT MARKINGS, REFL. 4" BROKEN YELLOW	LIN. FT.	7000
634(1b)	PAVEMENT MARKINGS, REFL. 4" SOLID YELLOW	LIN. FT.	1,940
634(1c)	PAVEMENT MARKINGS, REFL. 4" SOLID WHITE	LIN. FT.	13,610
634(1d)	PAVEMENT MARKINGS, REFL. 18" SOLID WHITE	LIN. FT.	98
635(3)	CONSTRUCTION SIGNS	EACH	64
635(19)	FLAGGER	HR.	720
635(20)	PILOT CAR	HR.	360
635(22)	DRUMS AND CONES	EACH	24
636(1)	SIGNAL INSTALLATION	L.S.	ALL REQ'D
640(1a)	SINGLE MAILBOX INSTALLATION	EACH	11
640(1b)	MULTIPLE MAILBOX INSTALLATION	EACH	12
698(1)	EXPLORATORY EXCAVATION	EACH	20
604(4)	MANHOLE, TYPE I, ADDITIONAL DEPTH, CLASS I	LIN. FT.	7
603(36a)	RACET — 24" X 18" CMPA	EACH	4

QUANTITY SUMMARY

SUMMARY OF QUANTITIES			
NO.	ITEM	UNIT	QUANTITY
603(36)	RACET — 22" X 13" CMPA	EACH	26
607(1a)	FENCE, BARBED WIRE, TYPE I	LIN. FT.	4,005
607(2a)	GATE, TYPE WIRE	EACH	1
625(1)	SEEDING, HYDRAULIC METHOD	ACRE	0.51
625(4)	MULCHING, HYDRAULIC METHOD	ACRE	0.51
629(1)	SOLID SODDING	SQ. YD.	2484
603(3c)	24" SPAN, 18" RISE, CORR.M.P.A. CULVERT, 0.064 INCH	LIN. FT.	60

MANHOLE ADJUSTMENTS		
STATION	RAISE	LOWER
23+27		0.18
28+00	0.14	
32+00	0.74	
36+84		0.42
38+98	1.78	
42+98	0.22	
46+97	0.51	
50+97	2.73	
54+99	3.55	
58+90	0.82	
63+03	0.85	

APPROACH, PIPE & DRIVEWAYS

NO.	STATION	22"X13" CMPA LENGTH	CONC. DR. WAY WIDTH
1	15+05 LT	30'	
2	22+32 RT	30'	
3	23+00 LT	30'	
4	24+95 LT	30'	
5	25+22 RT	30'	
6	28+13 LT	30'	
7	29+50 RT	30'	
8	29+50 LT	30'	
9	30+43 RT	30'	
10	30+89 RT	30'	
11	33+20 RT	30'	
12	34+05 RT	30'	
13	38+06 LT		24'
14	38+32 LT		24'
15	40+18 LT		24'
16	41+40 LT		24'
17	42+50 LT		24'
18	44+00 LT		12'
19	44+12 RT		12'
20	44+59 LT		12'
21	45+50 RT		12'
22	46+00 LT		24'
23	46+55 RT		24'
24	47+44 RT		24'
25	48+94 RT		12'
26	48+94 LT		12'
27	50+39.95 LT		
28	50+50 RT		12'
29	58+35.68 LT		
30	59+00 RT		12'
31	59+50 RT		12'
32	61+95 RT		12'
33	63+00 LT	50'	
34	63+06 RT		12'
35	64+00 LT	50'	
36	66+46.31 RT		
37	71+17.26 RT		
38	77+62 LT	30'	

SIGN LIST			
EACH	SIGN NO.	MESSAGE	SIZE
2	D-3(a)	MISSION HIGHWAY	36" X 6"
2	D-3(b)	CONFEDERATED WAY	36" X 6"
6	R1-1	STOP	30" X 30"
4	R2-1(a)	SPEED 40 MPH	24" X 30"
3	R2-1(b)	SPEED 20 MPH	24" X 30"
2	S1-1	SCHOOL ADVANCE	36" X 36"
1	S2-1	SCHOOL CROSSING	36" X 36"
1	S3-1	SCHOOL BUS STOP AHEAD	30" X 30"
2	S4-2	WHEN CHILDREN ARE PRESENT	24" X 10"
2	S4-3	SCHOOL	24" X 8"
2	W2-1	CROSS ROAD	30" X 30"
2	W11(a)	TRUCKS ENTERING ROAD	30" X 30"
2	W11(b)	FIRE STATION	30" X 30"
4	W11(c)	PEDESTRIANS	30" X 30"
2	W11A-2	PED XING	30" X 30"

MAIL & PAPER BOX LOCATIONS

STATION	NO. & TYPE SUPPORT		NO. & TYPE BOX(S)	
	SINGLE	MULTIPLE	PAPER	MAIL
15+05	1		1	
22+70		1	2	5
25+35		1		3
28+60	1		1	1
28+62	1		1	1
31+05	1		1	1
33+05	1		1	
41+56 TO 42+04		6		30
45+68 TO 45+82		2		9
48+65	1			1
48+67	1		1	1
50+25	1		1	1
58+80	1			1
60+00	1			1
61+70	1			1
63+53 TO 63+67		2	6	8

NOTE: TURNOUTS REQUIRED AT NON CURBED AREAS

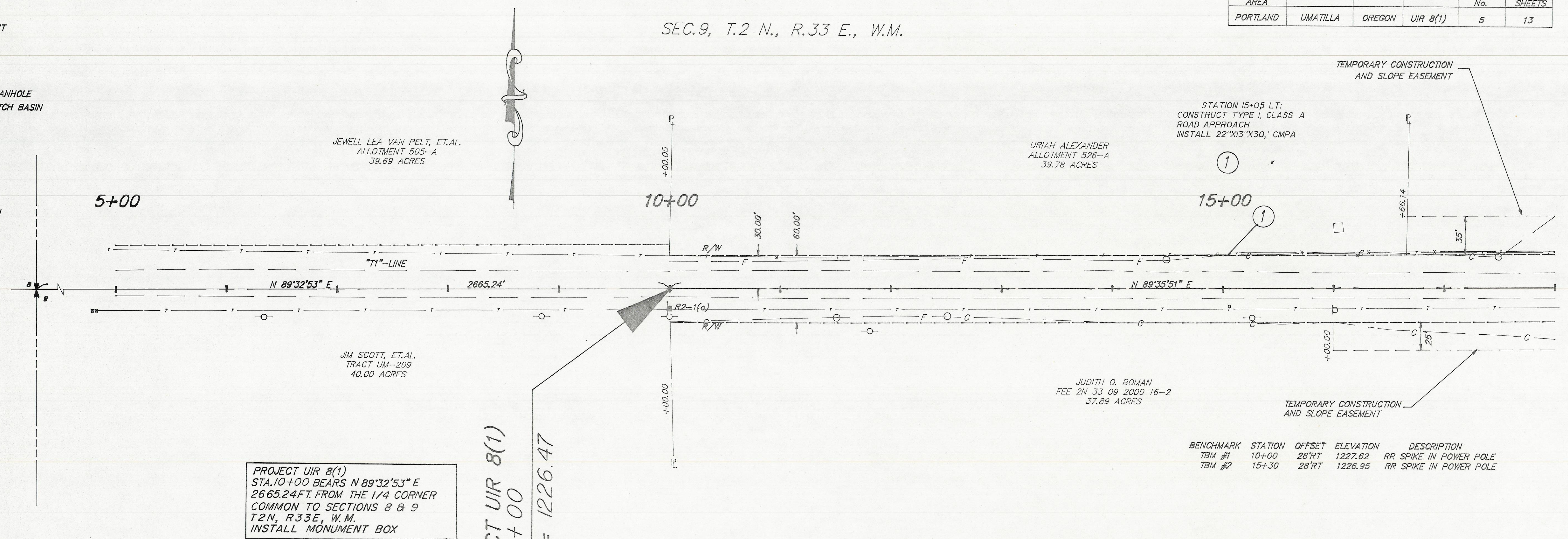
* CURBED APPROACH
NOTE: SEE PLANS FOR TYPE & CLASS OF APPROACH

U.S.B.I.A. AREA	RESERVATION	STATE	PROJ No.	SHEET No.	TOTAL SHEETS
PORTLAND	UMATILLA	OREGON	UIR 8(1)	5	13

SEC. 9, T. 2 N., R. 33 E., W.M.

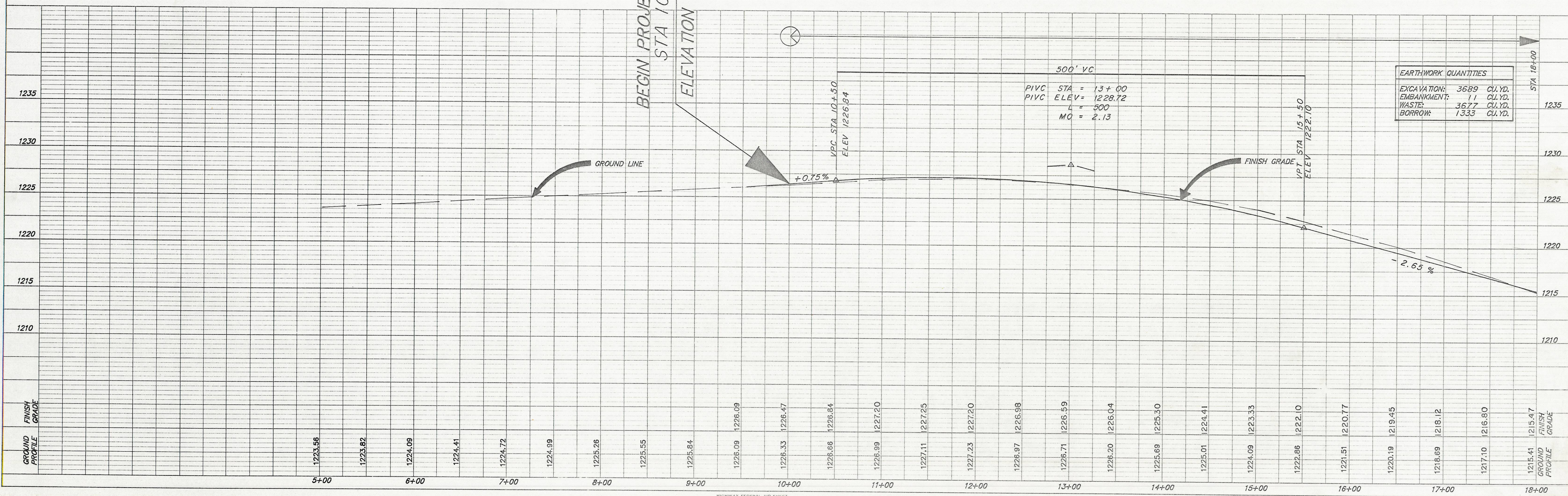
LEGEND

- ▲ AERIAL MAPPING CONTROL POINT
- SIGN TO BE INSTALLED
- TELEPHONE LINE - BURIED
- - - ELECTRIC LINE - BURIED
- - - WATER LINE - BURIED
- EXISTING SANITARY SEWER & MANHOLE
- STORM SEWER, MANHOLE & CATCH BASIN
- OVERHEAD POWER LINE
- EXISTING ROAD
- TELEPHONE BOX
- x WIRE FENCE
- CHAIN LINK FENCE
- WOOD FENCE
- CALC. CATCH DITCH SECTION



PROJECT UIR 8(1)
 STA. 10+00 BEARS N 89°32'53" E
 2665.24 FT. FROM THE 1/4 CORNER
 COMMON TO SECTIONS 8 & 9
 T2N, R33E, W.M.
 INSTALL MONUMENT BOX

BENCHMARK	STATION	OFFSET	ELEVATION	DESCRIPTION
TBM #1	10+00	28'RT	1227.62	RR SPIKE IN POWER POLE
TBM #2	15+30	28'RT	1226.95	RR SPIKE IN POWER POLE



EARTHWORK QUANTITIES	
EXCAVATION:	3689 CU. YD.
EMBANKMENT:	11 CU. YD.
WASTE:	3677 CU. YD.
BORROW:	1333 CU. YD.

DATE: _____
 BY: _____
 SURVEYED: _____
 PLANNED: _____
 NOTE BOOK No. _____
 CHECKED: _____
 FT. OF WAY CHECKED: _____

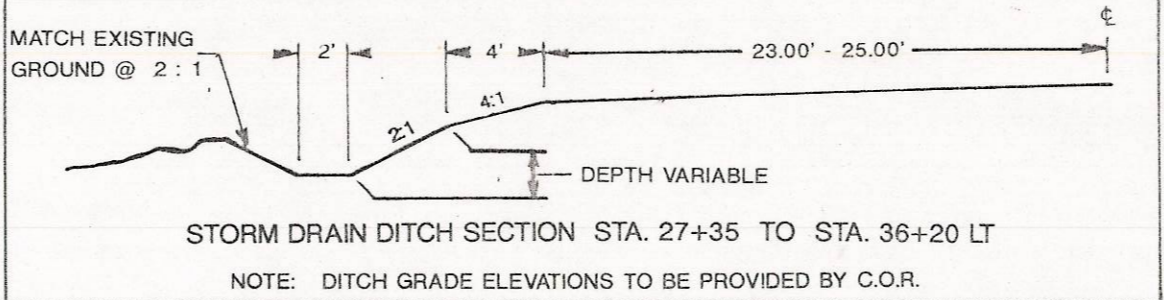
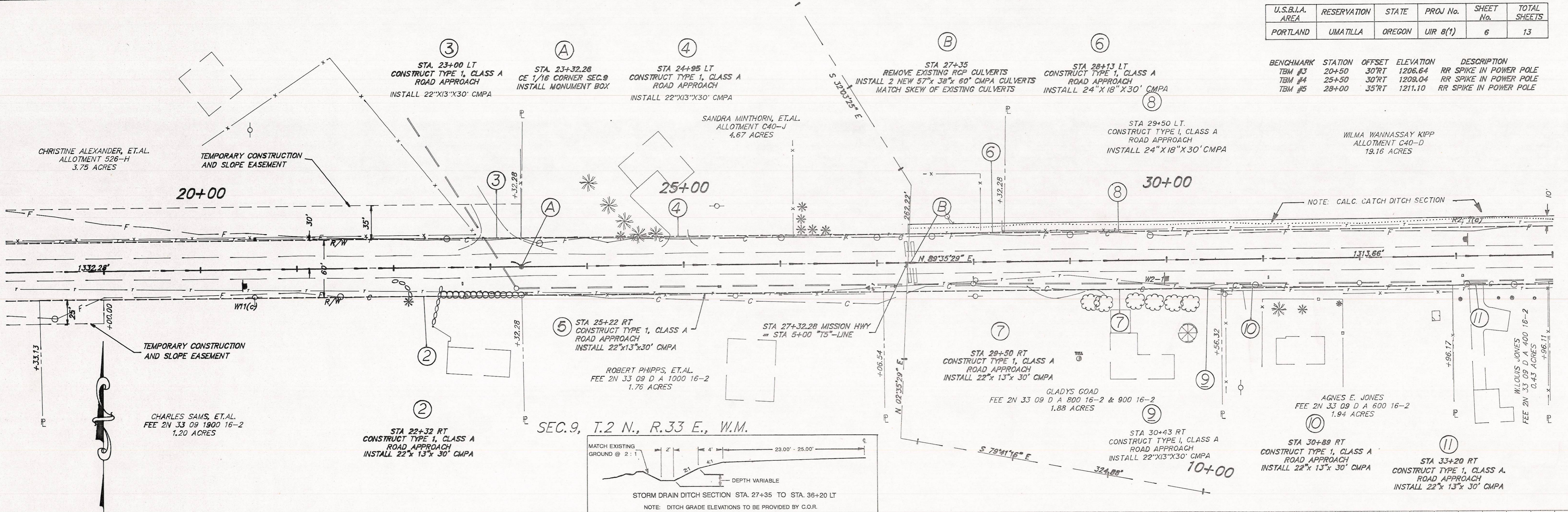
DATE: _____
 BY: _____
 SURVEYED: _____
 PROFILE: _____
 NOTE BOOK No. _____
 CHECKED: _____
 GRADE: _____
 E. M. S. NOTED: _____
 STRUCTURE NOTATIONS CHECKED: _____

U.S.B.I.A. AREA	RESERVATION	STATE	PROJ No.	SHEET No.	TOTAL SHEETS
PORTLAND	UMATILLA	OREGON	UIR 8(1)	6	13

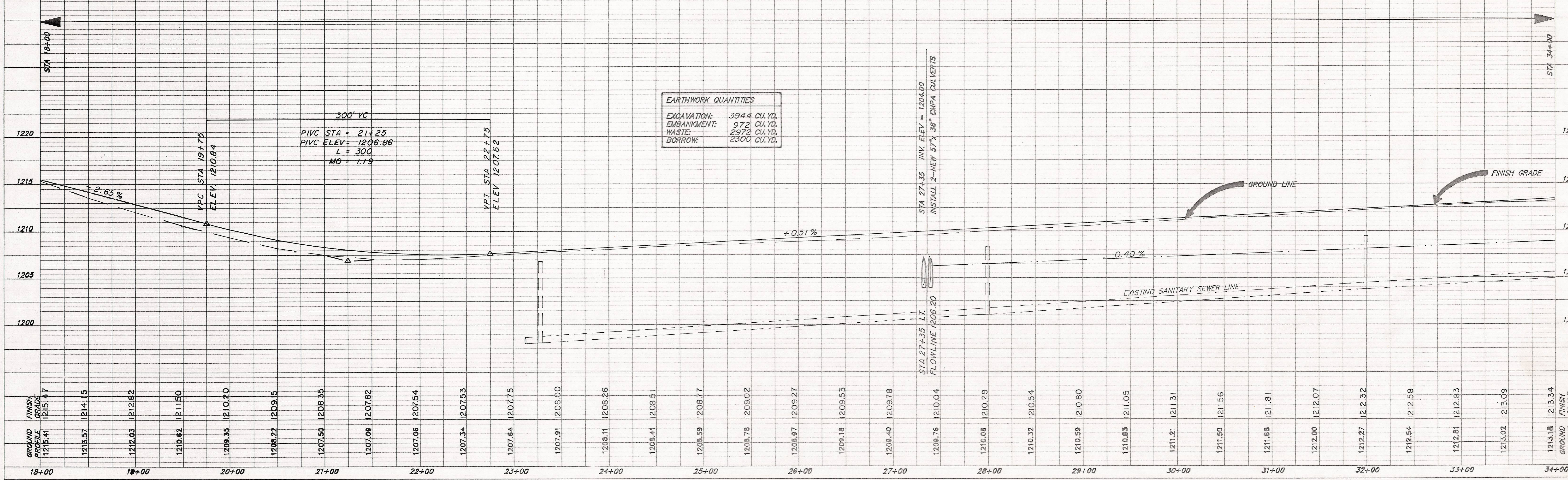
BENCHMARK	STATION	OFFSET	ELEVATION	DESCRIPTION
TBM #3	20+50	30'RT	1206.64	RR SPIKE IN POWER POLE
TBM #4	25+50	30'RT	1209.04	RR SPIKE IN POWER POLE
TBM #5	28+00	35'RT	1211.10	RR SPIKE IN POWER POLE

DATE	BY

DATE	BY



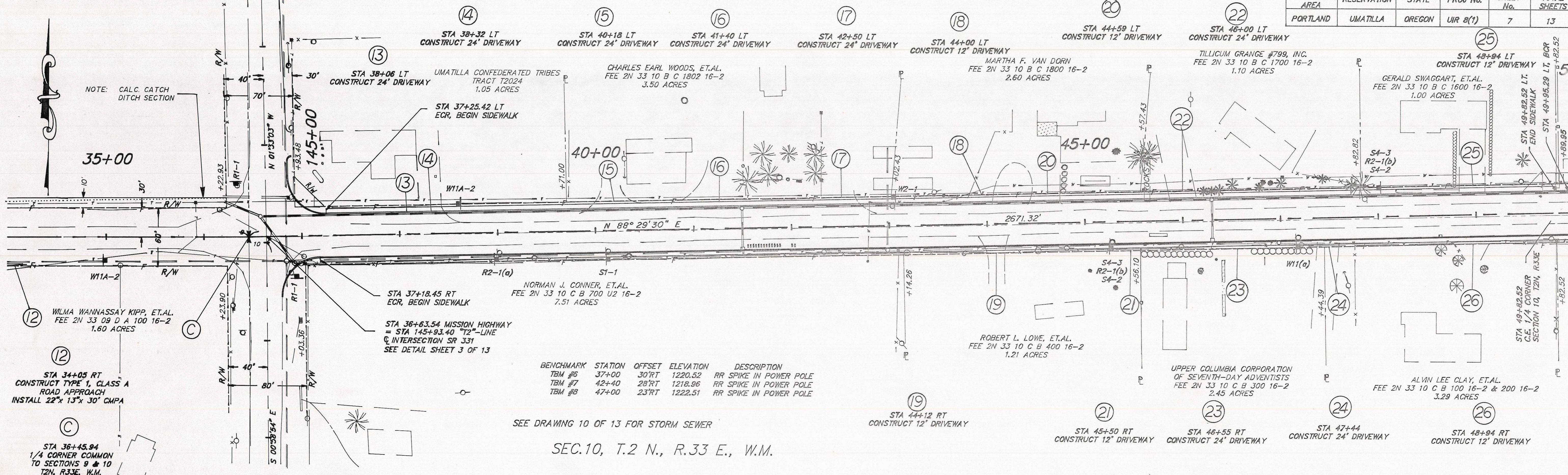
EARTHWORK QUANTITIES	
EXCAVATION:	3944 CU.YD.
EMBANKMENT:	972 CU.YD.
WASTE:	2972 CU.YD.
BORROW:	2300 CU.YD.



SEC. 9, T. 2 N., R. 33 E., W.M.

U.S.B.L.A. AREA	RESERVATION	STATE	PROJ. No.	SHEET No.	TOTAL SHEETS
PORTLAND	UMATILLA	OREGON	UIR 8(1)	7	13

DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 NOTE BOOK: _____
 ALIGNMENT CHECKED: _____
 ET. OF WAY CHECKED: _____
 No. _____



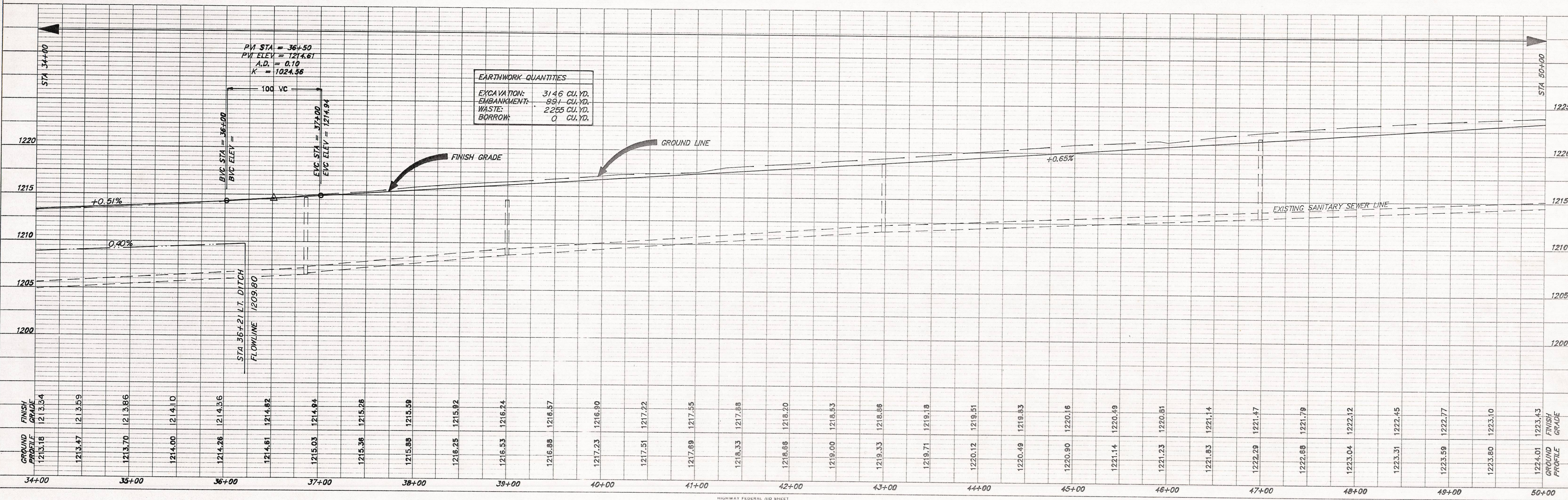
BENCHMARK STATION OFFSET ELEVATION DESCRIPTION

TBM #6	37+00	30'RT	1220.52	RR SPIKE IN POWER POLE
TBM #7	42+40	28'RT	1218.96	RR SPIKE IN POWER POLE
TBM #8	47+00	23'RT	1222.51	RR SPIKE IN POWER POLE

SEE DRAWING 10 OF 13 FOR STORM SEWER

SEC. 10, T. 2 N., R. 33 E., W.M.

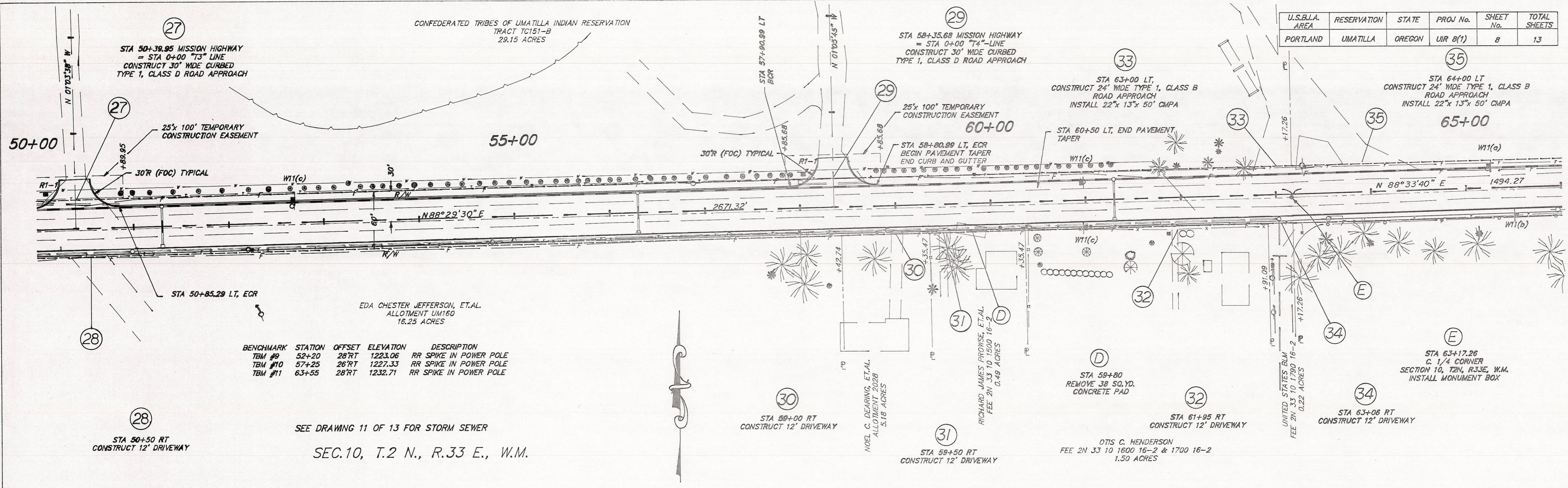
DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 NOTE BOOK: _____
 GRADE CHECKED: _____
 STRUCTURE INDICATIONS CHECKED: _____
 No. _____



DATE: _____ BY: _____
 SUPERVISED: _____
 PLAN: _____
 CHECKED: _____
 NOTE BOOK: _____
 NO. _____

DATE: _____ BY: _____
 SUPERVISED: _____
 PROFILE: _____
 CHECKED: _____
 NOTE BOOK: _____
 NO. _____

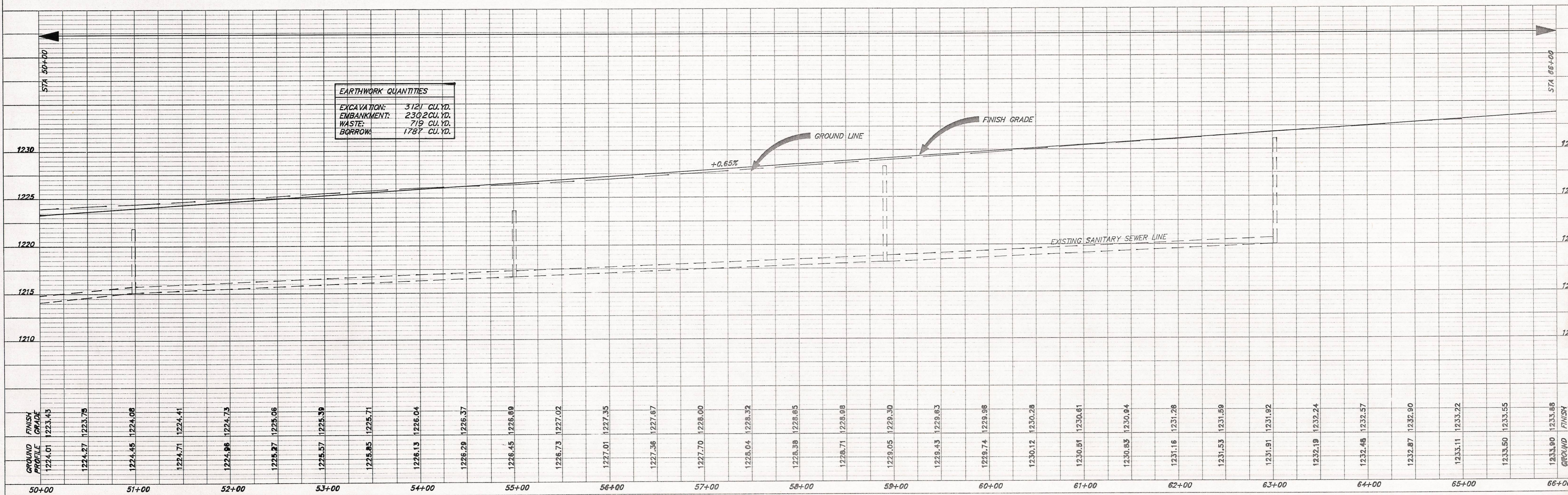
U.S.B.L.A. AREA	RESERVATION	STATE	PROJ. No.	SHEET No.	TOTAL SHEETS
PORTLAND	UMATILLA	OREGON	UIR 8(1)	8	13



BENCHMARK	STATION	OFFSET	ELEVATION	DESCRIPTION
TBM #9	52+20	28'RT	1223.06	RR SPIKE IN POWER POLE
TBM #10	57+25	26'RT	1227.33	RR SPIKE IN POWER POLE
TBM #11	63+55	28'RT	1232.71	RR SPIKE IN POWER POLE

SEE DRAWING 11 OF 13 FOR STORM SEWER
 SEC. 10, T. 2 N., R. 33 E., W.M.

EARTHWORK QUANTITIES	
EXCAVATION:	3121 CU. YD.
EMBANKMENT:	2302 CU. YD.
WASTE:	719 CU. YD.
BORROW:	1787 CU. YD.

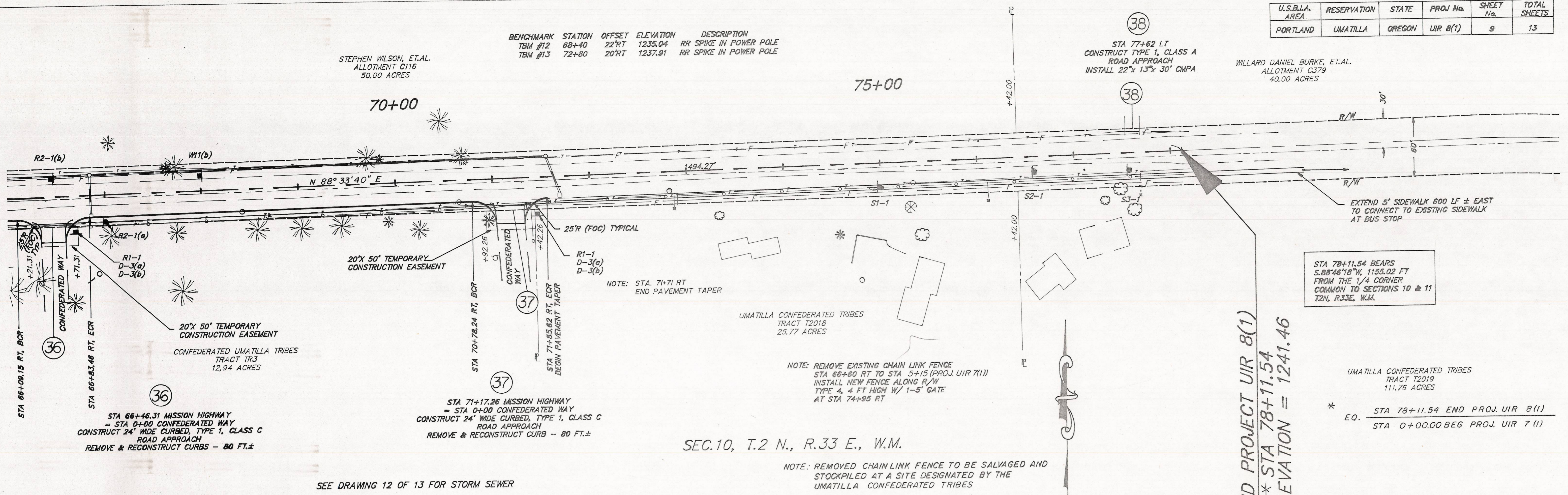


U.S.B.L.A. AREA	RESERVATION	STATE	PROJ No.	SHEET No.	TOTAL SHEETS
PORTLAND	UMATILLA	OREGON	UIR 8(1)	9	13

STEPHEN WILSON, ET.AL.
ALLOTMENT C116
50.00 ACRES

BENCHMARK	STATION	OFFSET	ELEVATION	DESCRIPTION
TBM #12	68+40	22'RT	1235.04	RR SPIKE IN POWER POLE
TBM #13	72+80	20'RT	1237.91	RR SPIKE IN POWER POLE

WILLARD DANIEL BURKE, ET.AL.
ALLOTMENT C379
40.00 ACRES



STA 78+11.54 BEARS
S. 88° 46' 18" W, 1155.02 FT
FROM THE 1/4 CORNER
COMMON TO SECTIONS 10 & 11
T2N, R33E, W.M.

UMATILLA CONFEDERATED TRIBES
TRACT T2019
111.76 ACRES

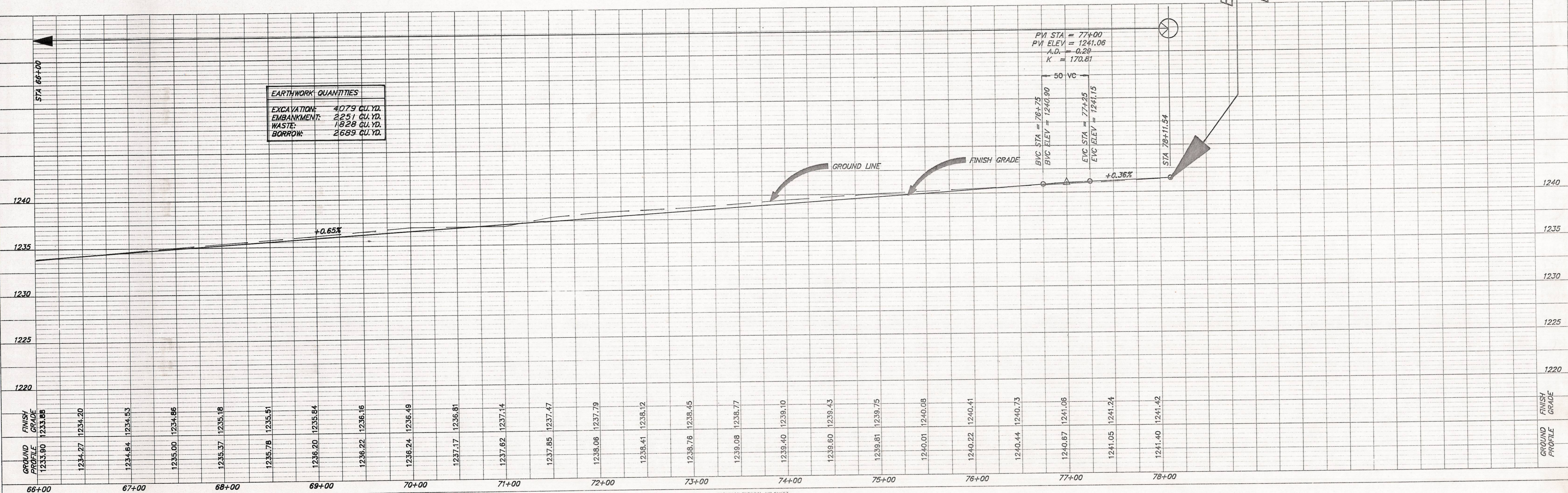
* STA 78+11.54 END PROJ. UIR 8(1)
E.O. STA 0+00.00 BEG PROJ. UIR 7(1)

SEC. 10, T. 2 N., R. 33 E., W.M.

NOTE: REMOVED CHAIN LINK FENCE TO BE SALVAGED AND STOCKPILED AT A SITE DESIGNATED BY THE UMATILLA CONFEDERATED TRIBES

SEE DRAWING 12 OF 13 FOR STORM SEWER

EARTHWORK QUANTITIES	
EXCAVATION:	4,079 CU. YD.
EMBANKMENT:	2,251 CU. YD.
WASTE:	1,528 CU. YD.
BORROW:	2,689 CU. YD.



DATE: _____
BY: _____
SURVEYED: _____
NOTED: _____
NOTE BOOK: _____
NO. _____
CHECKED: _____
DATE: _____

DATE: _____
BY: _____
SURVEYED: _____
NOTED: _____
NOTE BOOK: _____
NO. _____
CHECKED: _____
DATE: _____