PLANS READING COURSE



Wyoming Department of Transportation Project Development Program Utility Section Headquarters Building 5300 Bishop Blvd Cheyenne WY 82009-3340



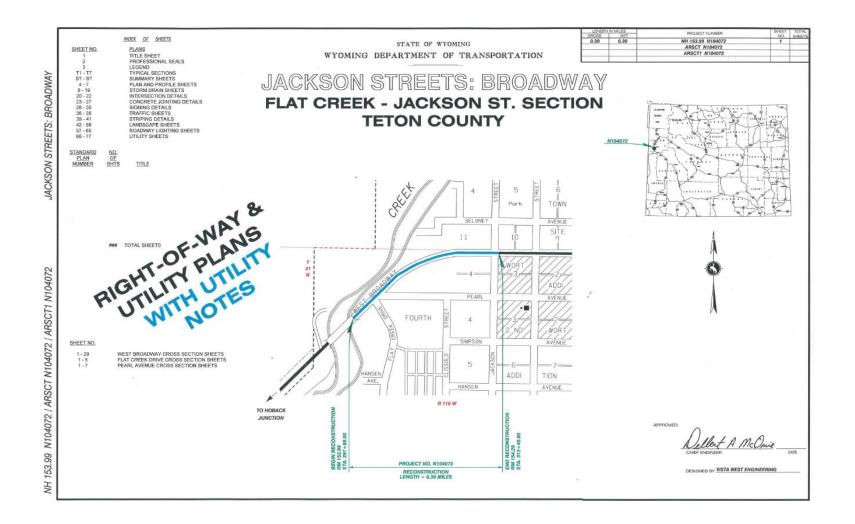
OUTLINE

- ≻ Title Sheet
- ≻ Legend Plan Sheets
- ➢ Stationing
- > Views
 - Plan View
 - Profile View
 - Typical / Proposed Sections
- > Slopes
- Legend Cross Sections
- Cross-Sections
- > Pipes

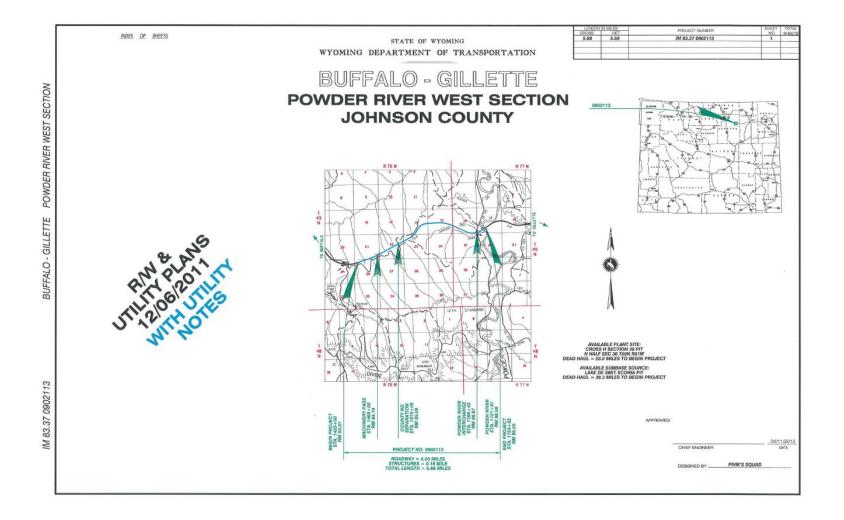
- Easement/Construction Permits
- ➤ Utilities
- PLSS (Surveys)
 - Sections
 - > Meridians
 - Datums
 - Global Positioning (GPS)
- > Photos
- ➤ Staking
- General Notes



TITLE SHEET - URBAN



TITLE SHEET – RURAL



TITLE SHEET – RURAL PROJECT ISSUANCE

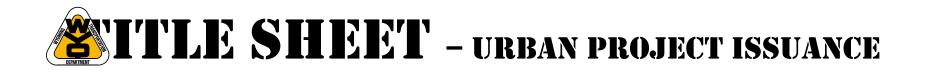


LENGTH	N MLES	PROJECT NUMBER	SHEET	TOTAL
GROSS	NET	PHOJECT NOMBER	NO.	SHEET
5.68	5.68	IM 83.37 0902113	1	

BUFFALO - GILLETTE POWDER RIVER WEST SECTION JOHNSON COUNTY

Plan Set:	R/W and Utility
Issue Date:	Not specified
Additional Issuance:	With Utility Notes

Project Number:	0902113 = new format
(Route No. $=$ ML9	0; Route Section No. = 2; Sequence
No. = 113)	
Project Name:	Buffalo - Gillette
Section:	Powder River West
County:	Johnson



Plan Issuance

JTIL 2001 JTIL

Project Information



JACKSON STREETS: BROADWAY FLAT CREEK - JACKSON ST. SECTION TETON COUNTY

Plan Set:	R/W and Utility
Issue Date:	12/06/2011
Additional Issuance:	With Utility Notes

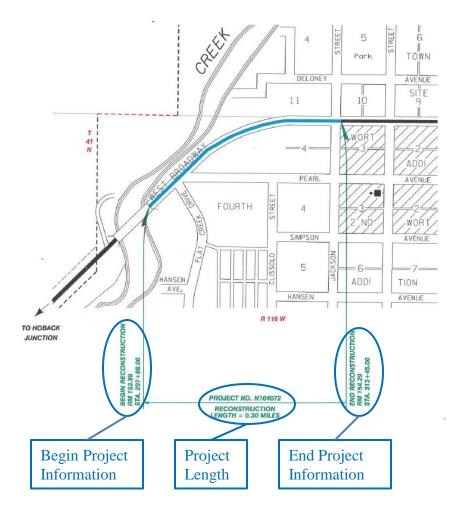
Project Number:N104072 = new format(Route No. = ML10; Route Section No. = 4; SequenceNo. = 072)Project Name:Jackson Streets: BroadwaySection:Flat Creek-Jackson StreetCounty:Teton

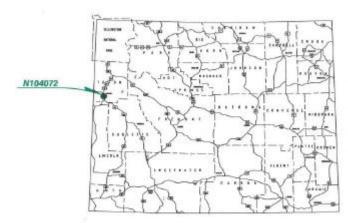


TITLE SHEET - MAPS

Site Map

Location Map



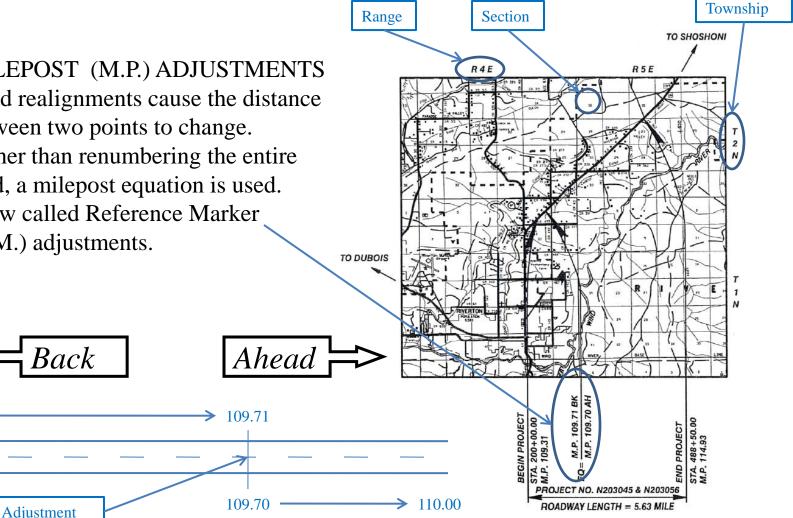


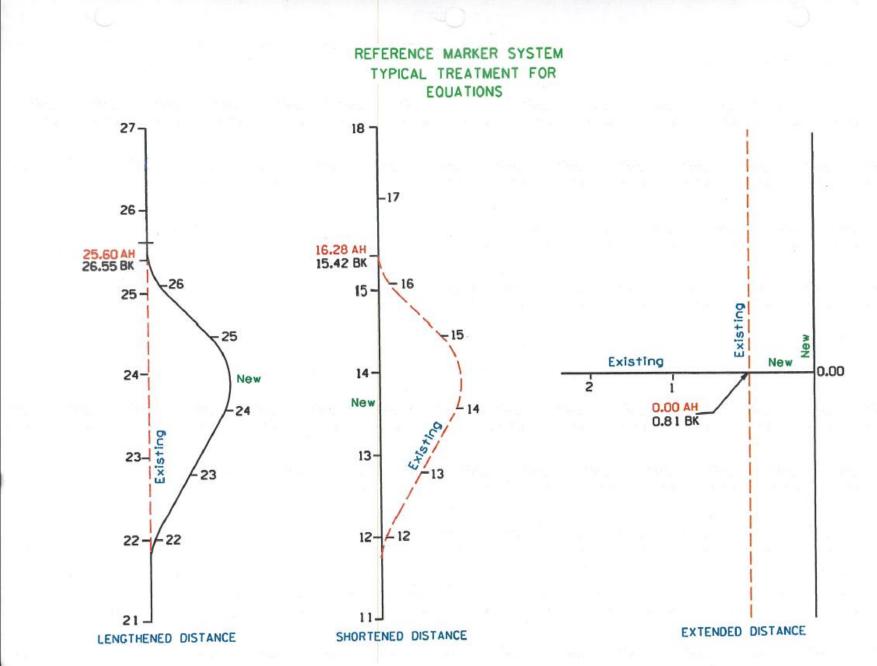


109.00

TITLE SHEET - RURAL

MILEPOST (M.P.) ADJUSTMENTS Road realignments cause the distance between two points to change. Rather than renumbering the entire road, a milepost equation is used. (Now called Reference Marker (R.M.) adjustments.







LEGEND – plan sheets

	192		STATE PROJECT NO E OF WYCHNYG
	L	EGEND ——	
	** UNDERGROUND UTIL	ITIES ARE APPROXIMATE LOCATION **	
		ATURES OR USE THE SAME SYMBOLOGY. THAT SYMBOLOGY SHOULD	
	NOT BE RELIED UPON SOLELY, BUT TAKEN IN CONTEXT	WITH SURROUNDING FEATURES AND VERIFIED IN THE FIELD.	
URVEY CONTROL FEATURES	UTILITY FEATURES	R.O.W. BOUNDARY AND LAND LINE FEATURES	IRRIGATION & DRAINAGE FEATURES
GLIARY CONTROL	ABOVE GRD. GAS	CITY LIMITS	
NTER OF ROADWAY POINT	ABOVE GRD. OIL	CONTINUOUS LAND OWNERSHIP	DROP INLET
SINEERING MARKER	ABOVE GRD. WATER	CORPORATE LIMIT	EARTHEN DAM
	COMMUNICATION TOWER	CORRIDOR LIMIT LINE	FLARED ENDS
	FIRE HYDRANT	COUNTY LINE	GUTTER DRAIN
MANENT BENCHMARK	GUY ANCHORS	EASEMENT LINE EL	HEADGATE
+	MANHOLES	GOVERNMENT SURV. TRACT LINE IR	HEADWALL
TO CENTER III 222	METER - ELECTRIC	HIGHWAY R/W LINE - EXIBITING	INTERMITTENT STREAM
10 CENTER	METER - GAS	HIGHWAY R/W LINE - PROPOSED	IRRIGATION BOX
	METER - WATER	LOT LINE	IBRIGATION DITCH - EXISTING 💦 🏊 👝 🍃 —
KED POINT	OH COMB POWER/TELE POLE	NON RW ACCESS CONTROL LINE	IRRIGATION DITCH - PROPOSED
NECT CONTROL POINT	OH FIBER OPTIC LINE FOW	NON RW NO ACCESS LINE	LARGE PIPE - EXISTING
PERTY CORNER O	OH POWER LINE OPW -	PROPERTY LINE PL	LIVE WATER
	OH POWER POLE	QUARTER SECTION LINE	SMALL PIPE - EXISTING
VSS CORNER	OH TELEPHONE LINE OTW	1/4 & 1/16 CORNER	SPRINKLER HEAD
-CSS CONNEH	OH TELEPHONE POLE	RAILROAD R/W LINE - EXIBITING	RIPRAP
24 ⁵	OH UNDEFINED UTILITY POLE	RESERVATION, PARK OR FOREST	WASTE DITCH - EXISTING
	POLE	RW ACCESS CONTROL LINE - EXISTING	WASTE DITCH - PROPOSED
VELED WAY FEATURES	PULL / JCT. BOX - FIBER OPTIC	RW ACCESS CONTROL LINE - PROPOSED	WEIR
DGE PIER	PULL / JCT. BOX - POWER	R/W NO ACCESS LINE - EXISTING	WINGWALL > <
· · · · · · · · · · · · · · · · · · ·	PULL / JCT. BOX - TELEPHONE	RW NO ACCESS LINE - PROPOSED	
	PULL / JCT. BOX - TRAF. SIGNAL		MISCELLANEOUS FEATURES
	PULL / JCT. BOX - TV	BECTION CORNER	
NCHETE BANNEH	PULL / JCT. BOX - UNIDENTIFIED	1/16 & CENTER SECTION	
3E OF TRAVELED WAY	SANITARY SEWER LIFE CA		BUILDING
ARDRAIL -0 0 0 0 0 0 0		STATE LINE	CAMPGROUND BBQ / FIRE PIT
	STREET LIGHT	SUB DIVISION BOUNDARY LINE	CAMPGROUND PICNIC TABLE XXx
IL BOX	TELEPHONE BOOTH	TOWNSHIP, RANGE OR SECTION LINE	FEE BOX DEPOSITORY
	TRAFFIC / PEDESTRIAN SIGNAL	URBAN LIMIT	FEE BOX DEPOSITORY
ERENCE MARKER	TRANSMISSION TOWER	×	
AINING WALL			
FACED ROAD	US FIBER OPTIC MARKER d*	FENCING FEATURES	
VL	UG GAS	BARBED WIRE FENCE - EXISTING	
SURFACED ROADS	UG GAS MARKER df	BARBED WIRE FENCE - PROPOSED	PROPANE TANK
		BLOCK FENCE - EXISTING	RV DUMP STATION
	UG OIL MARKER	BUCK & POLE FENCE - PROPOSED	
ECIAL TOPOGRAPHIC FEATURES	UG POWER LINE P	CEDAR FENCE - PROPOSED Rg	STOCK TANK
JSH	UG POWER LINE MARKER	DEER FENCE - PROPOSED	STORAGE TANK
ы	UG SIGNAL CONTROL 510	CATE	WINDMILL *
	UG TELEPHONE LINET	INDUSTRIAL FENCE - EXISTING	A
яян \//	UG TELEPHONE LINE MARKER	INDUSTRIAL FENCE - PROPOSED	
RSH BOUNDARY	UG TELEVISION LINE TV	OTHER FENOL - EXISTING	CONSTRUCTION LIMITS
	UG TELEVISION LINE MARKER	SNOW FENCE - EXISTING	CUT
	US UNDEFINED UTILITY	SNOW FENCE - PROPOSED	FILL
	UG UTILITY VENT	SPECIAL FENCE - PROPOSED	TRANSITION
	UG WATER LINE MARKER C	* FENCE TYPE DESIGNATED BY LETTER T through Z INSIDE BOX . TEMPORARY FENCE	
	· · · · · · · · · · · · · · · · · · ·	WIND FENCE - PROPOSED	
IN FEATURES	VALVE - GAS	WIND FENCE - EXISTING	
BOARD		WOOD PENCE - EXISTING	
JOR SIGN	VALVE - UNIDENTIFIED	WOVEN WIRE FENCE - PROPOSED	
		WW/BW FENCE - EXISTING	
ALL SIGN		A FENCING FEATURE MAY BE INTEGRATED WITH A R.O.W. BOUNDARY FEATURE TO	
RUCTURAL SIGN	WELL - OIL 201 WELL - WATER 201	PRODUCE A COMBINATION FEATURE IN THE PLANS.	

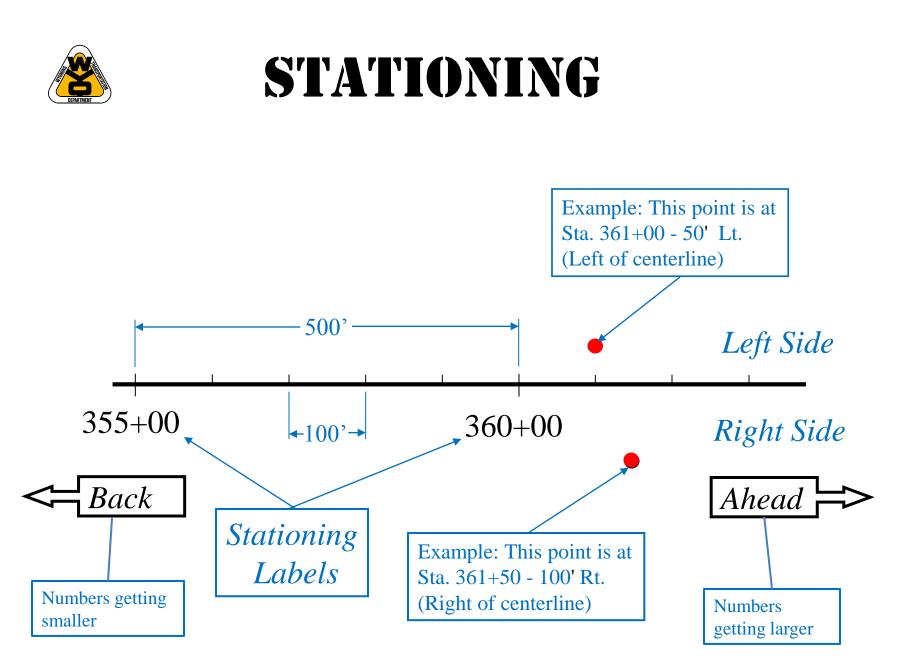


LEGEND - UTILITIES

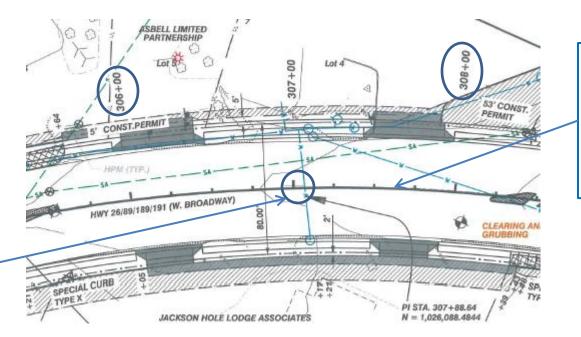
UTILITY FEATURES

ABOVE GRD. GAS	
ABOVE GRD. OIL	
ABOVE GRD. WATER	
COMMUNICATION TOWER	
FIRE HYDRANT	. 0
GUY ANCHORS	L.
MANHOLES	- ⊕
METER - ELECTRIC	- 6
METER - GAS	
METER - WATER	
OH COMB POWER/TELE POLE	
OH FIBER OPTIC LINE	FOW
OH POWER LINE	
OH POWER POLE	
OH TELEPHONE LINE	OTW
OH TELEPHONE POLE	
OH UNDEFINED UTILITY POLE	
POLE	
PULL / JCT. BOX - FIBER OPTIC	FØ
PULL / JCT. BOX - POWER	- FW
PULL / JCT. BOX - TELEPHONE	
PULL / JCT. BOX - TRAF. SIGNAL	
PULL / JCT. BOX - TV	
PULL / JCT. BOX - UNIDENTIFIED	and a second
SANITARY SEWER LIFT STATION	Barran R.
SANITARY SEWER LINE	
	SUN .

STORM SEWER LINE	ST
STREET LIGHT	\$
TELEPHONE BOOTH	
TRAFFIC / PEDESTRIAN SIGNAL	📀
TRANSMISSION TOWER	T
UG FIBER OPTIC LINE	F0
UG FIBER OPTIC MARKER	0°
UG GAS	G
UG GAS MARKER	O ⁹
UG OIL	
UG OIL MARKER	o°
UG POWER LINE	P
UG POWER LINE MARKER	O ^{°w}
UG SIGNAL CONTROL	
UG TELEPHONE LINE	
UG TELEPHONE LINE MARKER	
UG TELEVISION LINE	TV
UG TELEVISION LINE MARKER	O"
UG UNDEFINED UTILITY	
UG UTILITY VENT	Φ
UG WATER LINE	
UG WATER LINE MARKER	o"
VALVE - GAS	
VALVE - WATER	
VALVE = UNIDENTIFIED	
WATER SPIGOT	
WELL - GAS	11
WELL - OIL	
WELL - WATER	



STATIONING – continued (urban)



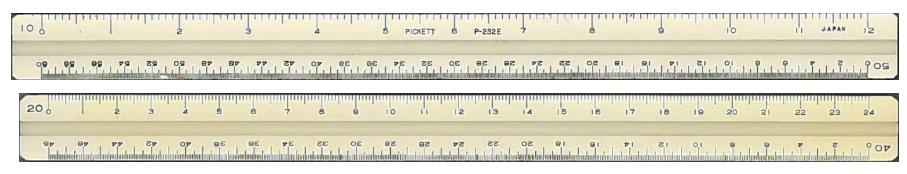
Stationing is usually called "Centerline Stationing" because the station line is usually drawn at the centerline of the highway.

00+01 equals 1 foot. 01+00 equals 100'. 1045+15.75 equals 104,515'-9".

Urban Centerline Stationing with 25' tick marks labeled at 100' intervals 306+00, 308+00, etc.

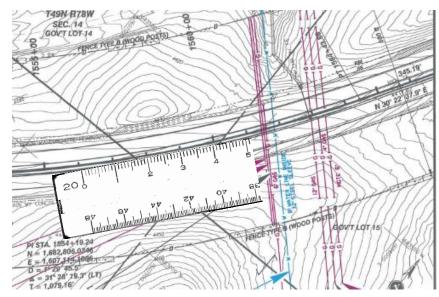
Water line crossing at Station 307+07 is 7 feet from station 307+00 and 919', or 0.17 miles, from Begin Project (307+07 minus 297+88 or 30,707'-29,788'=919'), which places the crossing at reference marker 154.164.

SCALE RULER

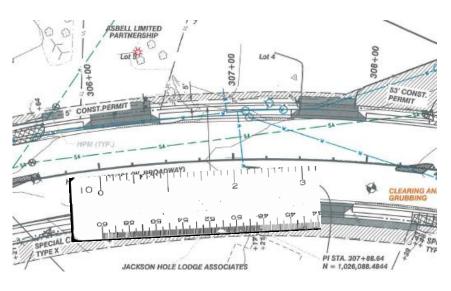


Rural Project

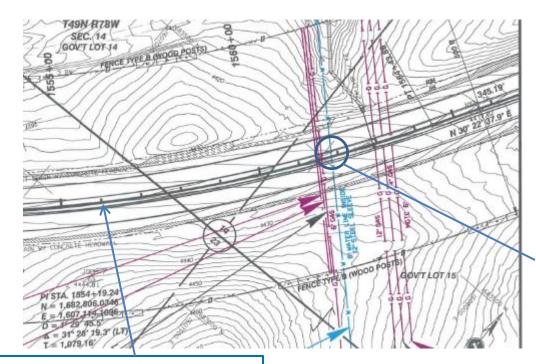
Urban Project



20 Scale; 1 = 100 feet



STATIONING – CONTINUED (RURAL)



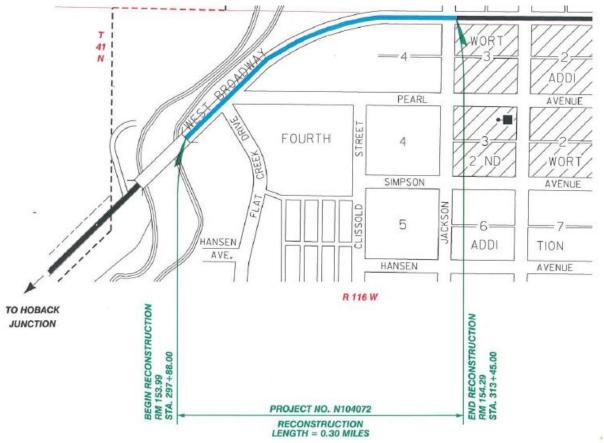
Example of Stationing drawn at the centerline of median on an Interstate highway. 00+01 equals 1 foot. 01+00 equals 100'. 1045+15.75 equals 104,515'-9".

Centerline Stationing with 100' tick marks labeled at 500' intervals 306+00, 308+00, etc.

Water line crossing at Station 1561+82 is 82 feet from station 1561+00 and 13,682', or 2.59 miles (13,682/5280), from Begin Project (1561+82 minus 1425+00 or 156,182'-142,500' = 13,682'), which places the crossing at reference marker 85.964.

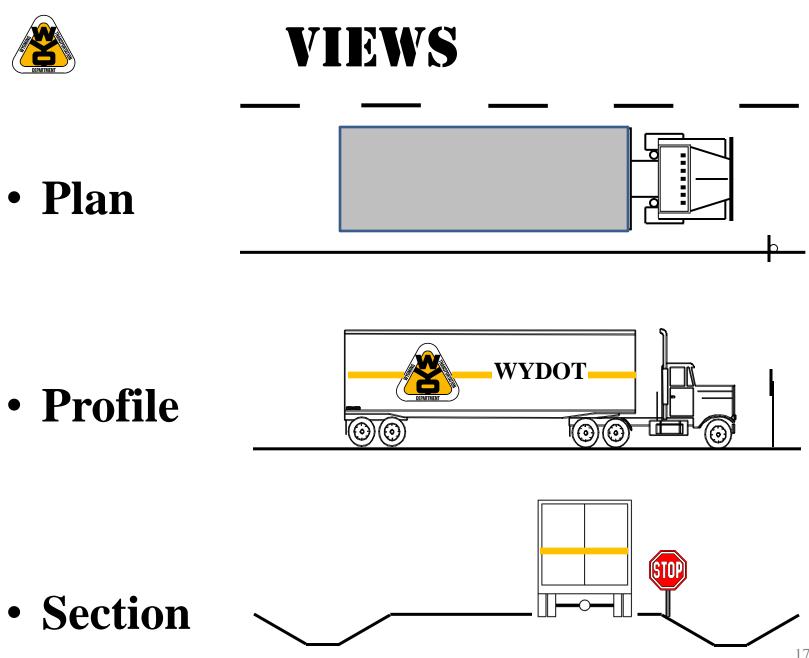


STATIONING - CONTINUED



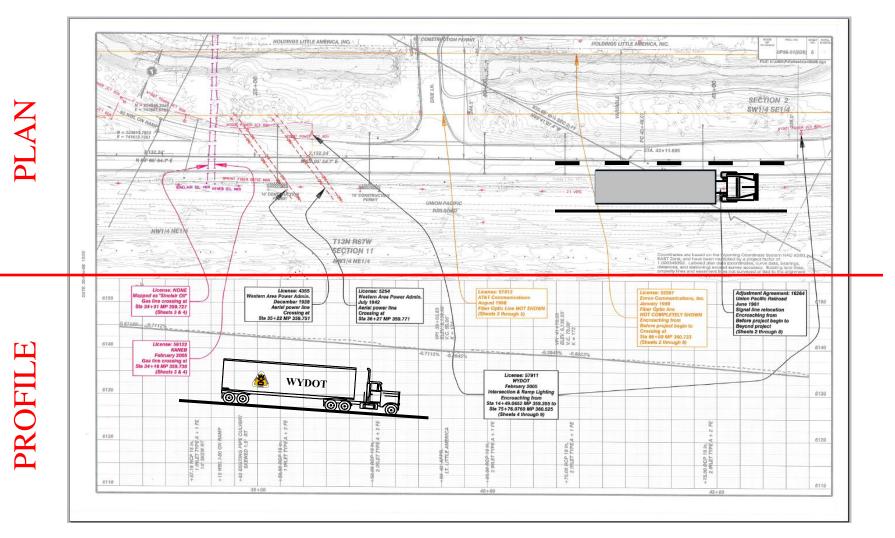
Project length: 313+45.00 (End Project station) minus 297+88.00 (Begin Project station) = 1,557 feet.

1,557 feet / 5,280 feet = 0.30 miles (0.294886).

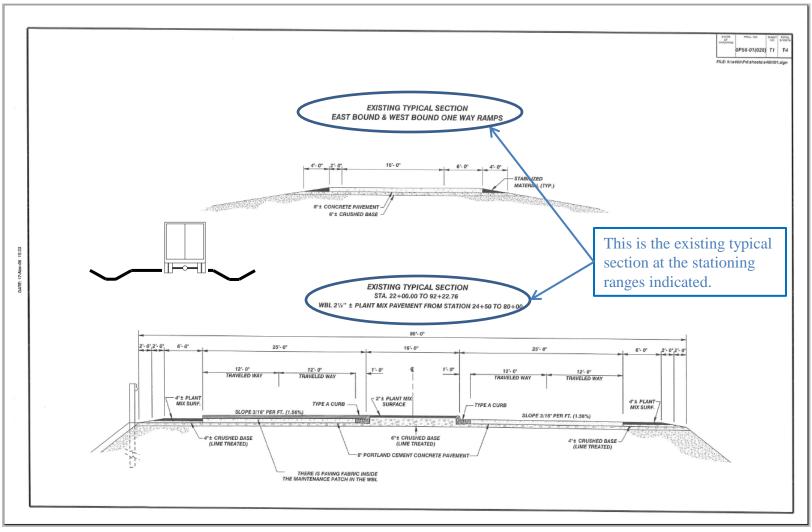




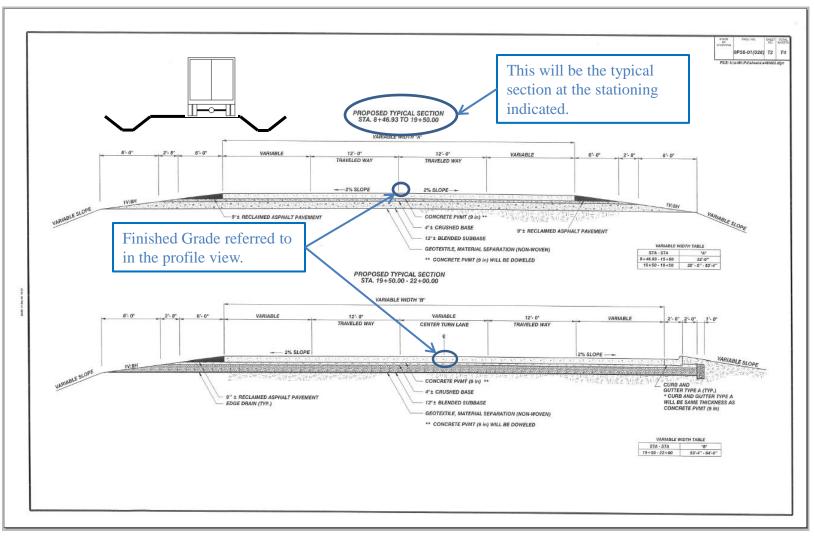
VIEWS – PLAN & PROFILE SHEET







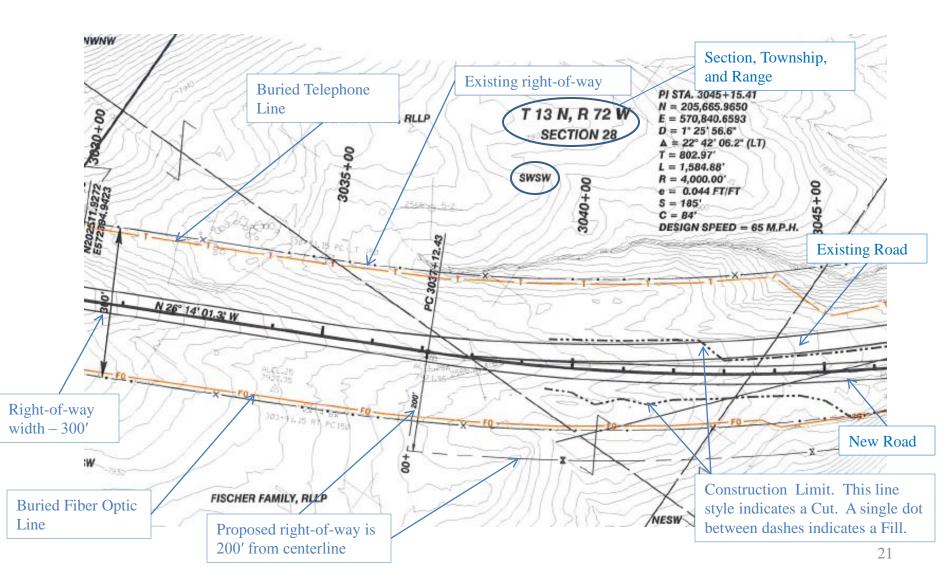




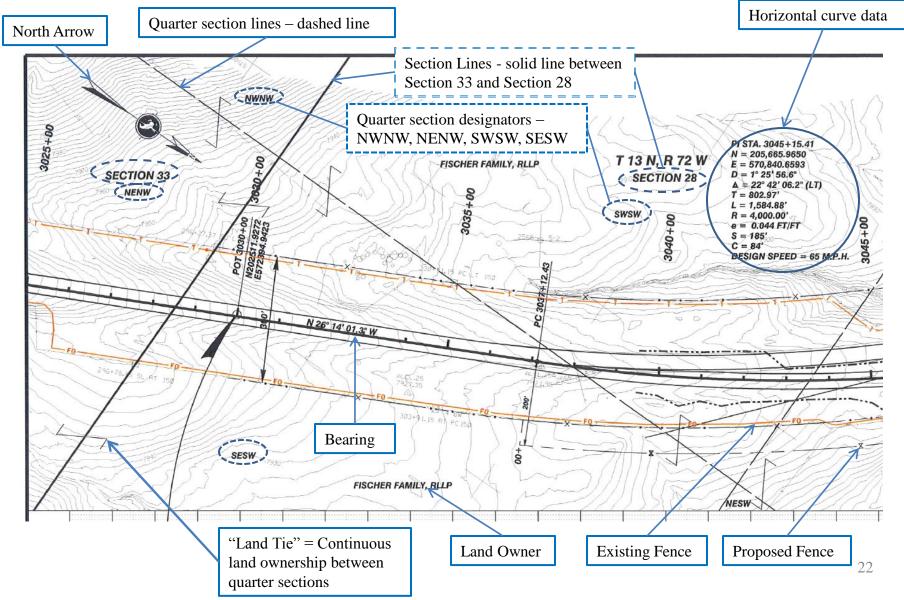






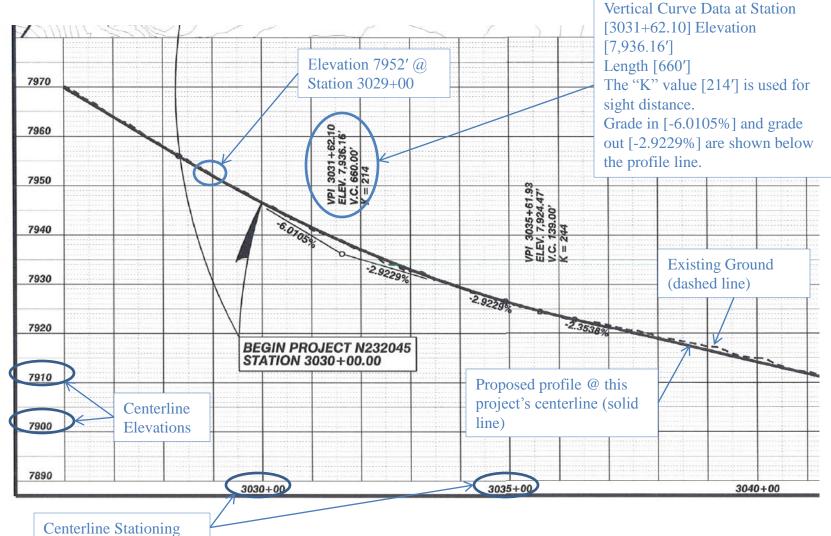


PLAN VIEW - CONTINUED











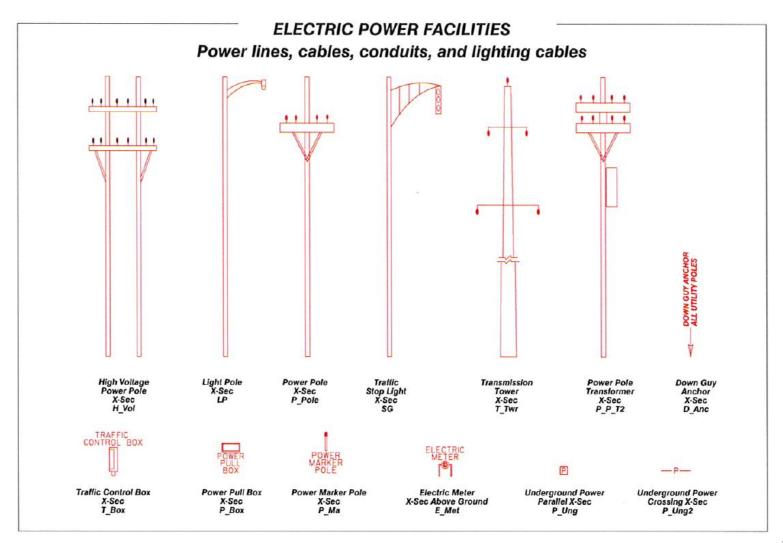
SLOPES

1:3 Slope

Number before colon is vertical distance in feet Number after colon is horizontal distance in feet Shown: Raise 1' vertically in 3' horizontal change (or 1' rise with 3' run) 13 Slope 13 Slope

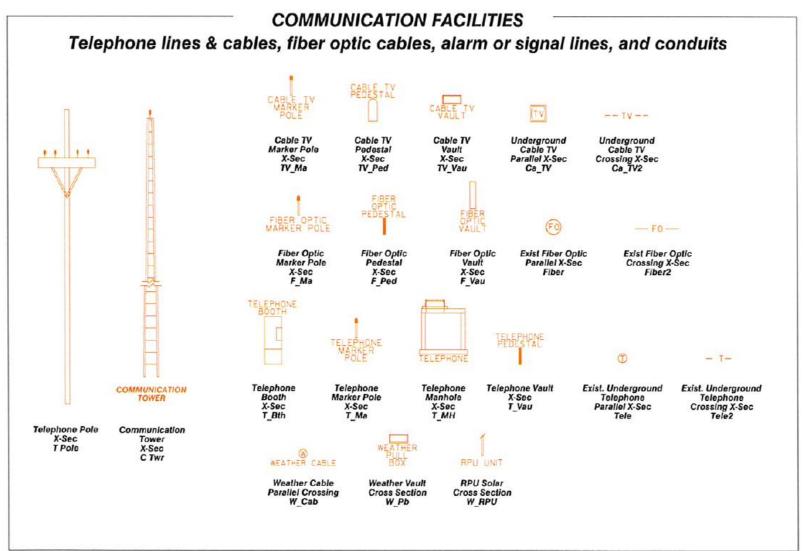
3 Horizontal





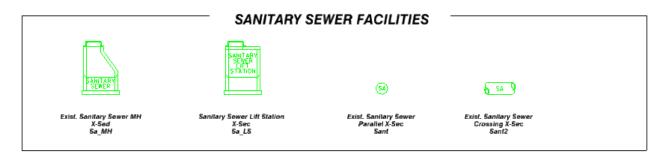


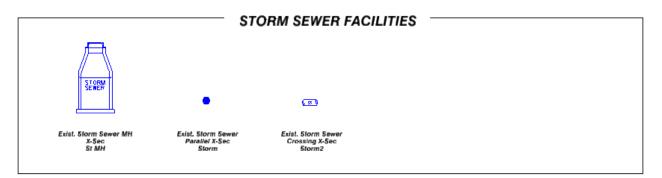
CROSS-SECTIONS – LEGEND-2

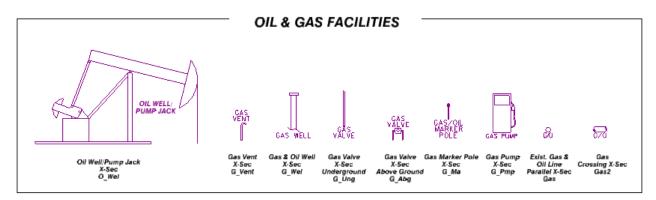




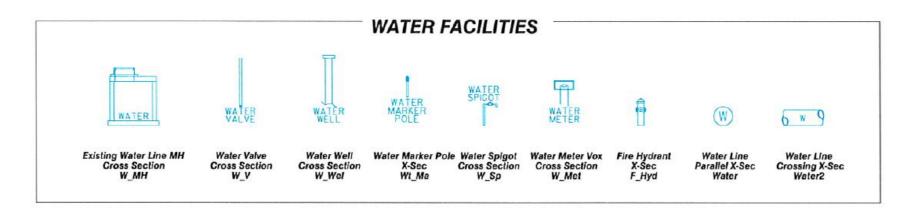
CROSS-SECTIONS – LEGEND-3



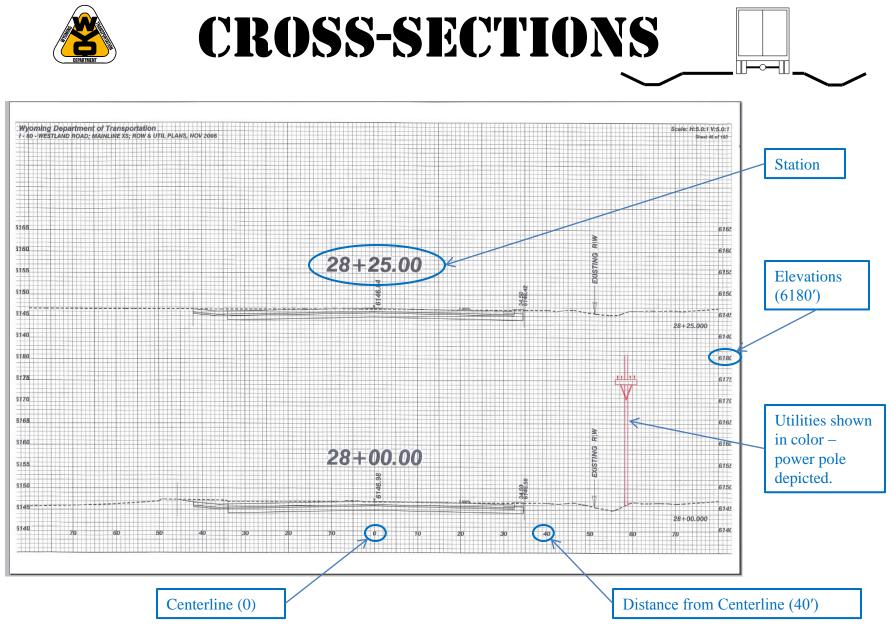






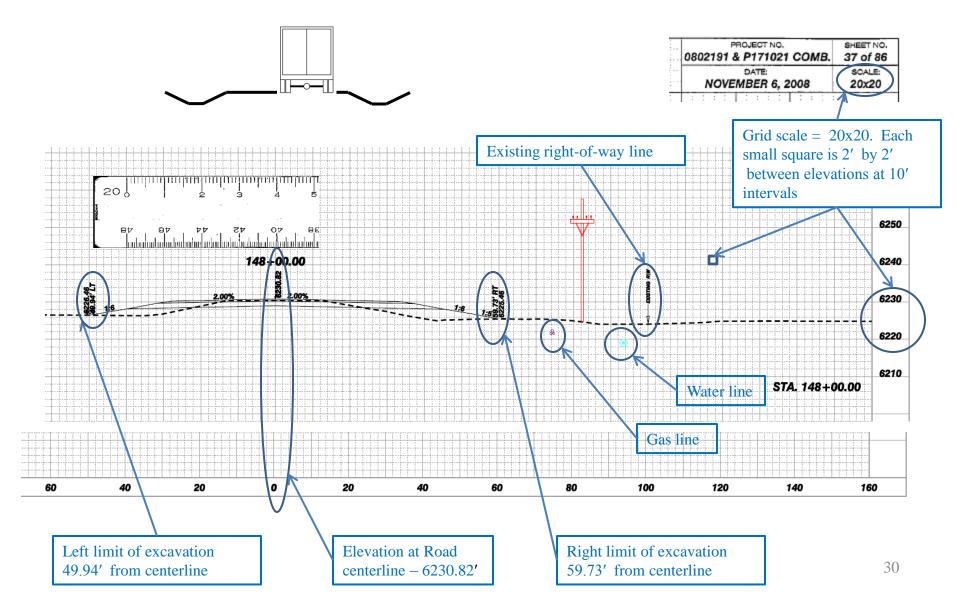






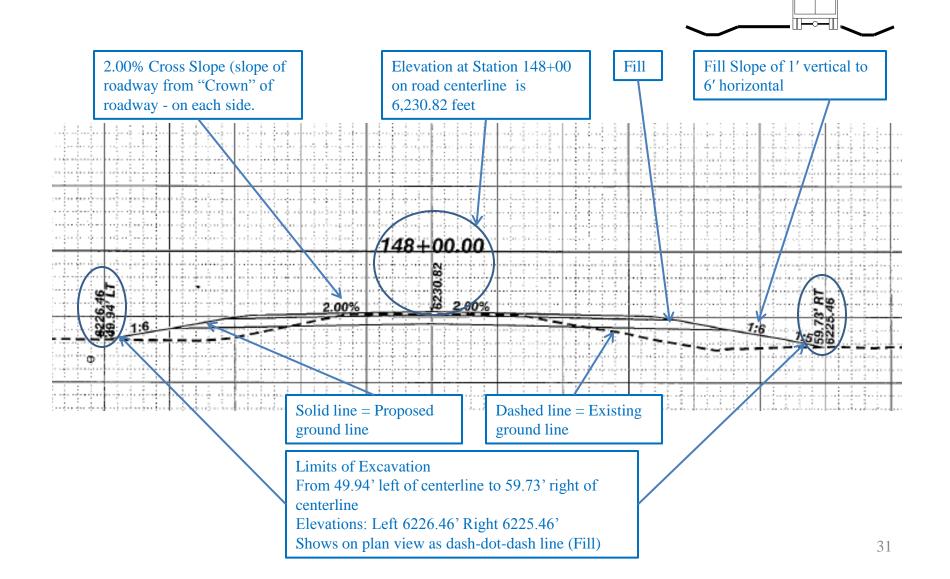


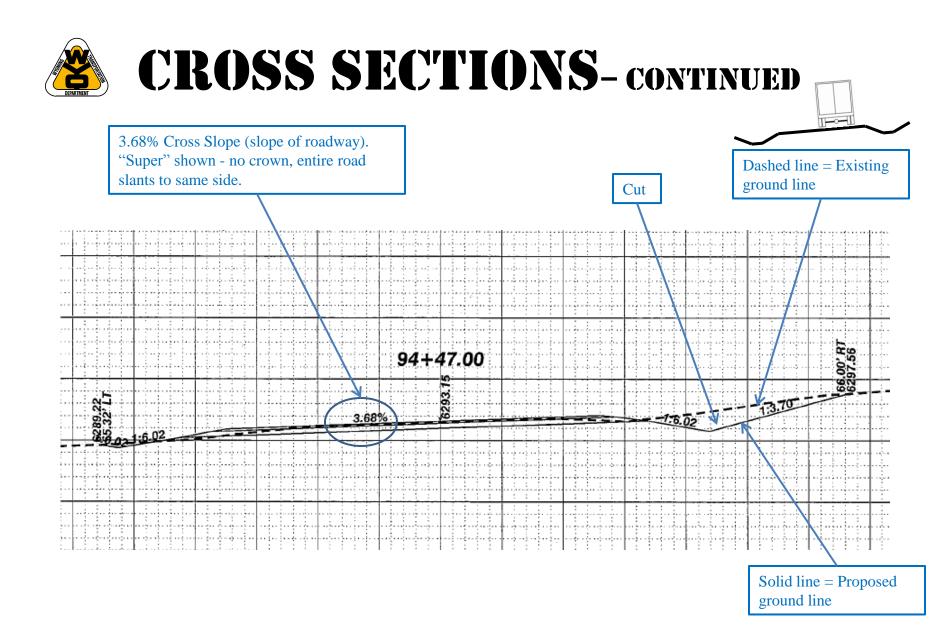
CROSS SECTIONS - CONTINUED





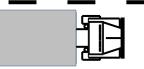
CROSS SECTIONS- CONTINUED

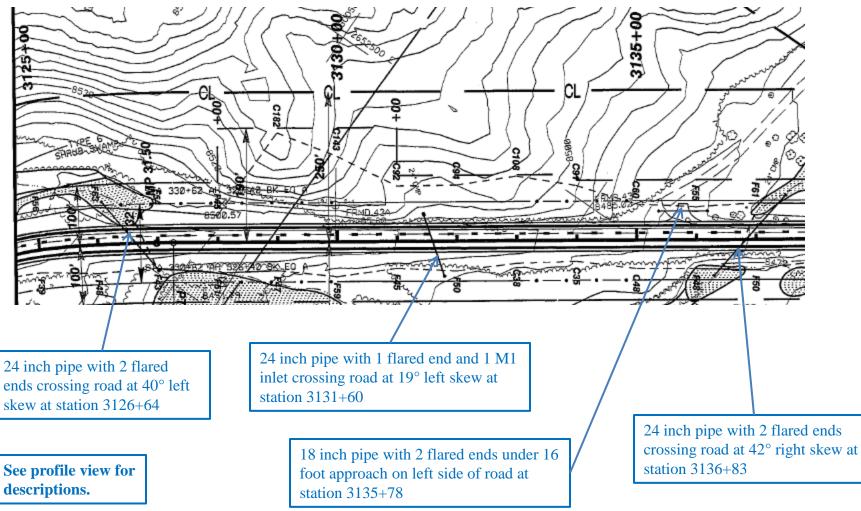








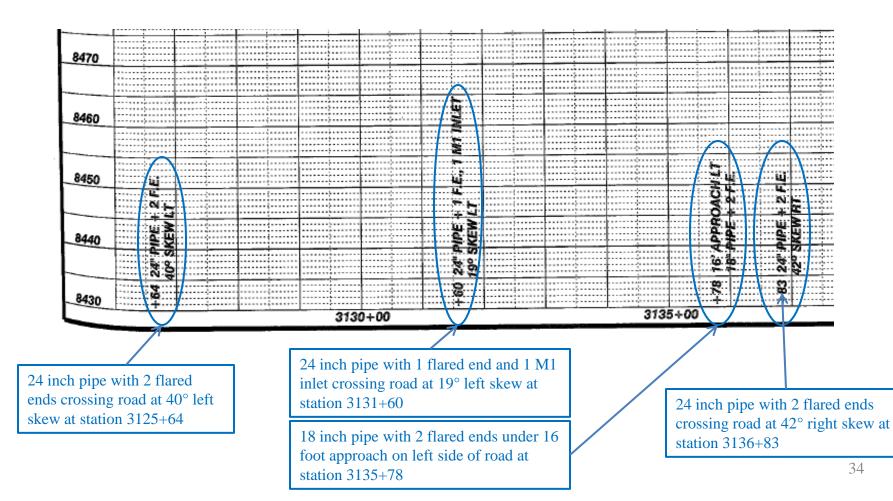






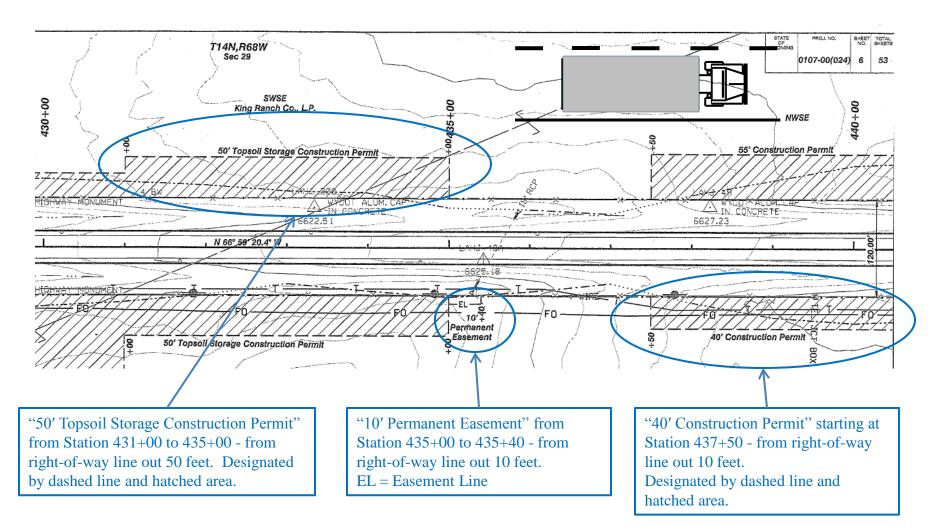






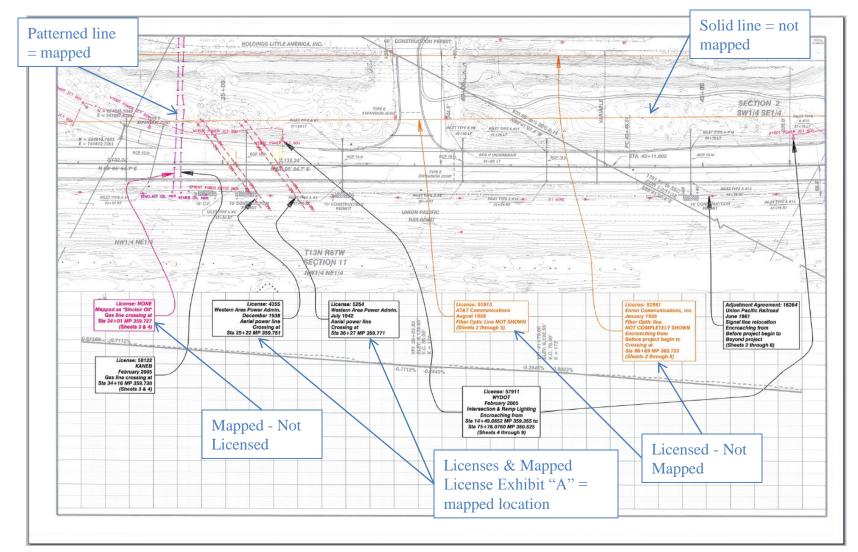


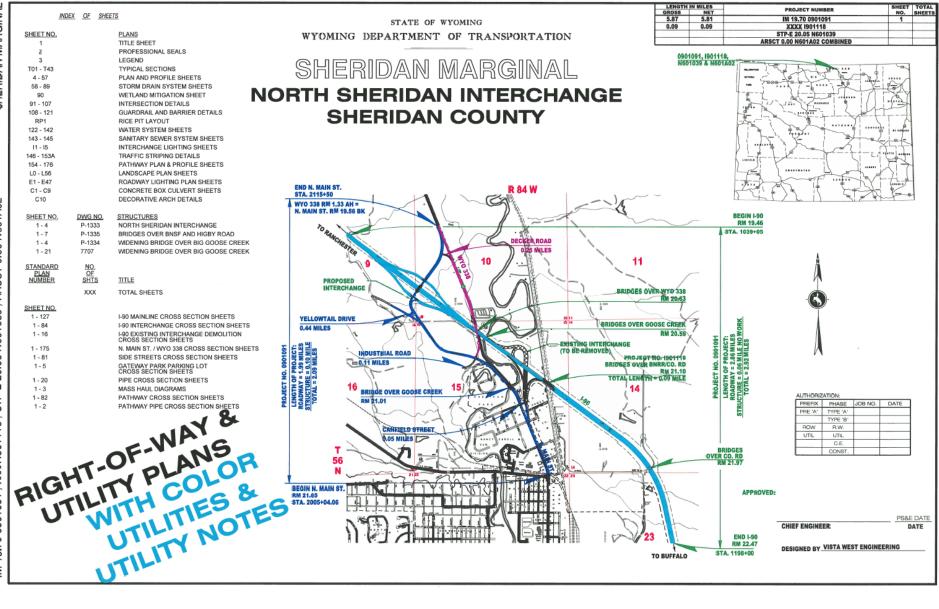
EASEMENTS/CONSTRUCTION PERMITS





UTILITIES – TEXT NOTES



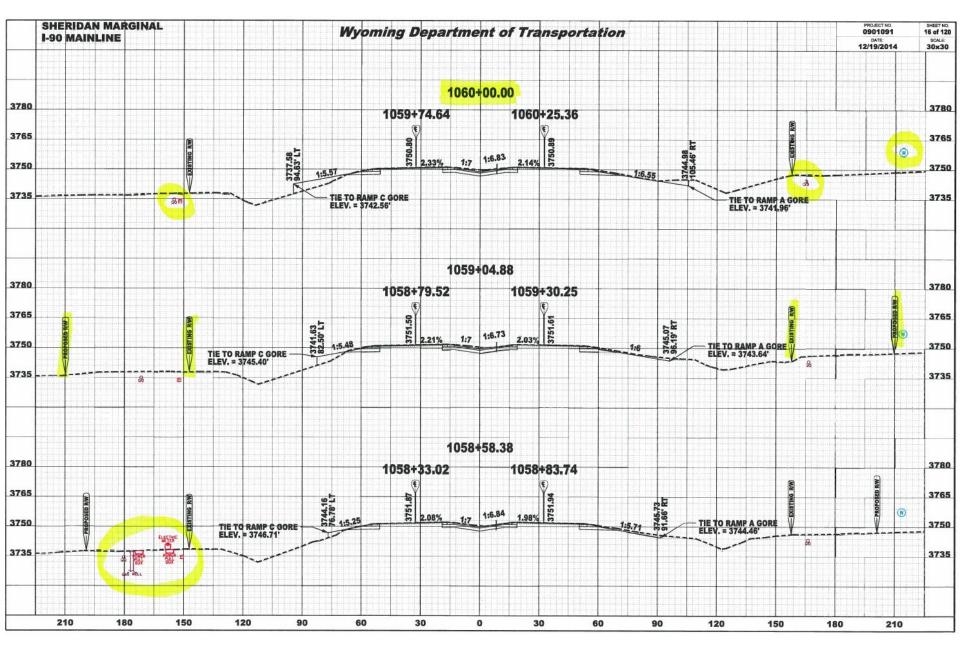


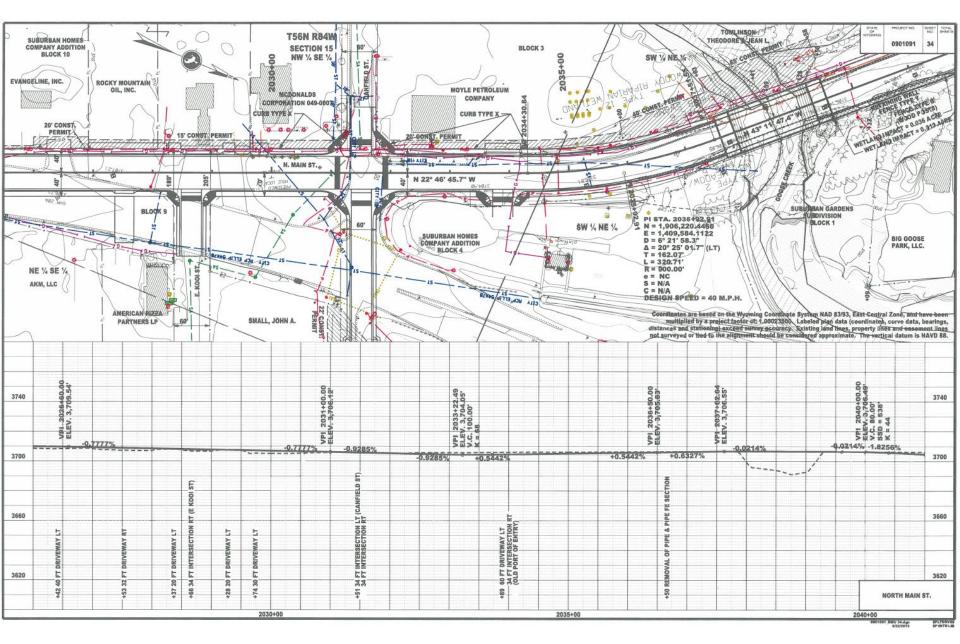
SHERIDAN MARGINAL

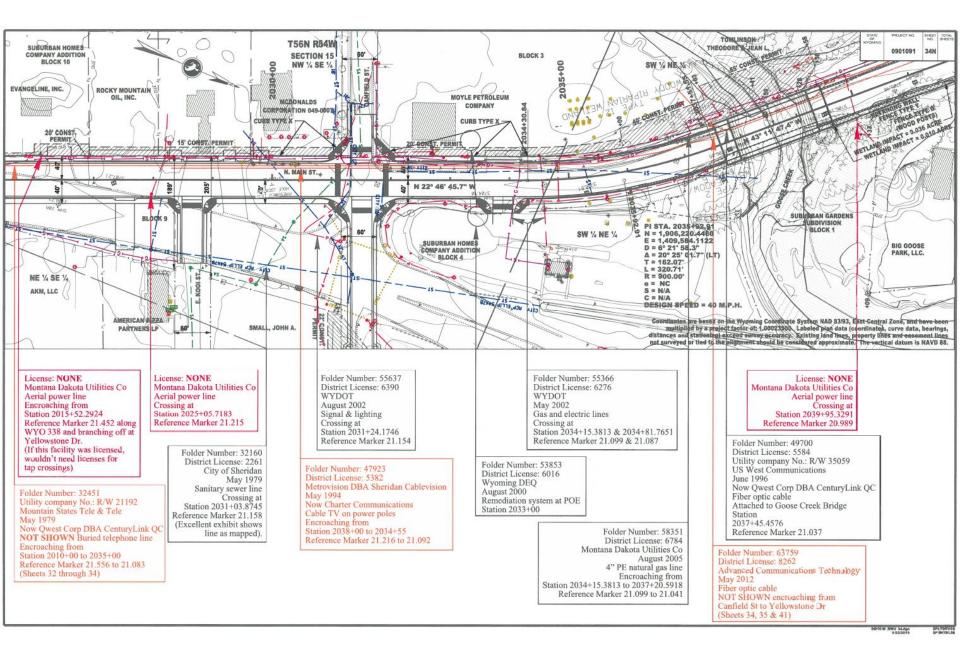
20.05 N601039 / ARSCT 0.00 N601A02 | STP-E 19.70 0901091 / XXXX 1901118

N

NE ½ SE		90' CONST.	RICE AND SONS, IN		NE 1/4 SE 1/4 8	CONST. PERMIT	ENCE INDUSTRIA	1.72 m	Put some Hole U	50 T 531						PROJECT NO. 194651 1074- NO. 194651 1074- 9001091 5 ECTION 9
	FENCE TYPE A (WOOD POS			127 121	-7x71==1	Contraction of the second seco	RAMP C	Alter Alter	and they	200	i great	an National A	~~~~			
	RECONSTR	NETION					RAM			-		Å				
manguestica	Exclassion	444444444444444444444444444444444444444				And	24 12 A	-						mman		
<u>\</u>			I-90 WESTBOUND	<u> </u>		24-		<u> </u>	>						<u> </u>	
				3° 43' 32.8" E		• 9/0CR/0 • • • • • •		3750			****			*****		
SHOW 95	· · ·		1-90 EASTBOUND -			/			~	4		•			~	-
5H6H 918 3257.08	the second second second	RAMP A		*****		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			******		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	SHSM 12A 3748.64		******		
1-5-	1	0/	R ZZ						_							/
BACCONTRACTOR AND	Provide and Provide Barris		and the second second					61	Salestante	.	~			25 million		turrenous
FENCE TYPE A (I NW 1/4 SE		400" CONST. PERMIT		J.	FENCE INDUSTRIAL 72	in				T	S		\langle	5/		E ¼ SE ¼
Coordinates are based multiplied by a project	I on the Wyoming Coordinate Syst t factor of: 1.00023500: Labeled p ng) exceed survey accuracy. Ext o the alignment should be conside	tem NAD 83/93, East plan data (coordinat	Central Zone, and have tes, curve data, bearings,	been AGW	AGW	AGY - ROX -		GW A	CW-	-	NCW	AGN	AGN -	X	ACH	ACW
distances and stationin not surveyed or tied to	ng) exceed survey accuracy. Exit the alignment should be conside	sting land lines, prop pred approximate. T	perty lines and easement he vertical datum is NAV	t lines /D 88.	RICE AND SONS, INC, JO	JHN E		~	<u> </u>		>		×	>		
3770					WESTBOUND L	ANE		WIDEN & O	VERLAY	_	END WI	DEN & OVERLAY		00		3770
										3,749.5	WB STA	A. 1061+74.64 =		450.		
3750	E		CT 42 in G PIPE RM)							- m		- Fin	9.6710%	ELEV. 3,747,8 V.C. 450.00 K = 459	512%	3750
3730		MP 421	IN THE AT A THAT			OF INLETS						INSTALL M1 INLET, E 24 in & 1 PIPE FE				3730
3710	+00 INSTALL M PIPE 24 in 8.1 F FE SECT 24 in	TEND C	ACTOF			+33 REMOVAL C FE SECTION; AR PLACE & FILL W BACKFILL						STALL h STALL h 3 in & 1				
3710	+00 IN FE SEI	+16 E	FIELD INSTAL			+33 RE FE SEC PLACE BACKF						+00 INS PIPE 2-				3710
					EASTBOUND L			a Wi	DEN & O	VERLA	Y	RECONSTRUCT	LAY	8.0		
3770												BEGIN RECONSTRU EB STA. 1062+25.36 MED STA. 1062+00.0	CTION	64+75	.000	3770
											3,749.6			PI 10	V.C. 450.00	
3750											6			5 Q.6450%	1.7180	3750
3730																3730
3710																3710
3710			1055+00				1060+	00							1065+00 8601591 RM	U 05.dgn SPLTDRVSS 022/2019 SPENTULSS







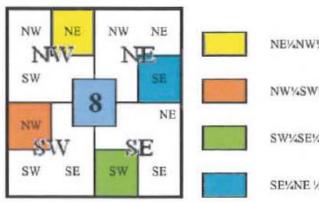
PUBLIC LAND SURVEY SYSTEM

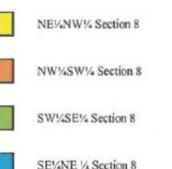
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1	6	5	4	3	2	1	6	5	4	3	2	1	6
12	7	8	9	10	11	12	7	8	9	10	11	12	7
13	18	17	16	15	14	13	18	17	16	15	14	13	18
24	19	20	21	2 22	23	24	19	20	21	1 22	23	24	19
25	30	29	28	27	26	25	30	29	28	27	26	25	30
36	31	32	33	34	35	36	31	32	33	34	35	36	31
1	6	5	4	3	2	1	6	5	4	3	2	1	6

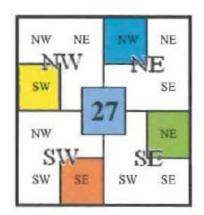
LAND SURVEY - SECTIONS

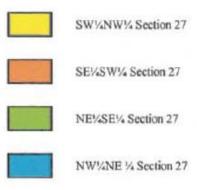
NW	NE	NW		NE	NW	NE	NW	N	E NW	1	VE 1	NW	N	EN	w	NE	NW		NE	NW	NE	NW		NE	NW	NE	NW		NE
NV	N		NE		NW	r -		NE		NW		1	NE		NW			NE		NW			NE		NW			NE	
SW		-		SE	SW		-	S	E SW	1			s	ES	W		-		SE	SW				SE	sw				SE
NW		5		NE	SW NW		5	N	E NW	-	4		N	E N	w		3		NE	NW		2		NE	SW NW				NE
SV	v		SE		SW			SE		SW		1	SE		SW			SE		SW			SE		SW			SE	
SW	SE	SW		SE	SW	SE	SW	SI	E SW	3	SE	SW	S	E S	W	SE	sw		SE	SW	SE	SW		SE	SW	SE	sw		SE
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sw	1	0		SE	SW NW	1	7	SI	E SW		1/	-	s	E S	w	1	5	_	SE	SW	-	4	- 1	SE	sw	1	2		SE
sw NW		0		NE	NW	1	/	N	E NW	1	14	,	N	E N	w	1	9		NE	SW NW		-		NE	NW		3		NE
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SW	1	9		SE	SW	2	0	SI	e sw	-	21	C	S	E S	w	2	2		SE	SW NW	2	2		SE	sw	1			SE
NW	1	9		NE	NW	4		N	E NW	-	41	2	N	E N	w	4	4		NE	NW	4	3		NE	NW	4	4		NE
SV	v		SE		SW			SE		SW		1	SE		SW			SE		SW			SE		SW			SE	
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NW	NE	NW		NE	NW	NE	NW	N	E NW	1	VE 1	NW	N	E N	W	NE	NW	8	NE	NW	NE	NW		NE	NW	NE	NW		NE
NV	N		NE		NW	5		NE		NW		1	NE		NW			NE		NW			NE		NW			NE	
sw	2	0		SE	SW	1	0	S	e sw	1	20		s	E S	w	2	7		SE	sw	1	0		SE	sw	1	-		SE
NW	3	0		NE	NW	4	9	N	E NW	-	20	•	N	E N	w	4	1	Ĵ.	NE	NW	2	0		NE	NW	1	5		NE
SV	v		SE		SW			SE		SW		1	SE		SW			SE		SW			SE		SW			SE	
SW	SE	sw		SE	SW	SE	sw	SI	E SW	1	SE 8	sw	s	E S	W	SE	sw		SE	SW	SE	SW		SE	sw	SE	sw		SE
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SW	1	1		SE	SW	2	2	SI	e sw	-	27	2	s	E S	W	2	1		SE	SW	2	5		SE	sw	2	6		SE
NW	3			NE	NW	2	4	N	E NW	1	33	'	N	EN	W	2		1	NE	NW	3	3		NE	NW	2	0		NE
SV	V		SE		SW			SE		SW		1	SE		SW			SE		SW			SE		SW			SE	
SW	SE	sw		SE	SW	SE	SW	S	E SW	1	SE 1	sw	S	E S	W	SE	sw		SE	SW	SE	SW		SE	sw	SE	SW		SE

LAND SURVEY – QUARTER SECTION









LAND SURVEY -SECTION BREAKDOWNS

N.W. CORI	NER				N. % CC	DRNER	N.E. CORNER		
			NV 160 A	CRES		W ¹ /2 NE ¹ /4	E ¹ /2 NE ¹ /4		
W. ¼ CORI	NER				CENTI SEC		E.¼ CORNEI		
_	11/4	E ¹ /2 NW ¹ /4 SW ¹ /4		N1/2 NE 20 AC	1/4 SW1/4 CRES	NW1/4 SE1/4	NE1/4 SE1/4		
20 AC		20 AC			1/4 SW1/4 CRES	40 ACRES	40 ACRES		
N1/2 NV SW1/4 S 5 ACR S1/2 NV SW1/4 S 5 ACR	W1/4 ES V1/4 W1/4 5	W1/2 NE1/4 SW1/4 SW1/4 ACRES	E1/2 NE1/4 SW1/4 SW1/4 5 ACRES	NW1/4 SE1/4 SW1/4 10 ACRES	NE1/4 SE1/4 SW1/4 10 ACRES	SW1/4 SE1/4	SE1/4 SE1/4		
2 1/2 ACRES ACRES		SE1/2 SW1/4 SW1/4		SW1/2 SE1/2 SE1/4 SE1/4 SW1/4 SW1/4		40 ACRES	3E 1/4 3E 1/4 40 ACRES		
S.W. CO	RNER	10 AC		5 VV 1/4 10 ACRES	SW1/4 10 ACRES S. ½ C	ORNER	S.E. CORNER		

LAND SURVEY - MEASUREMENTS

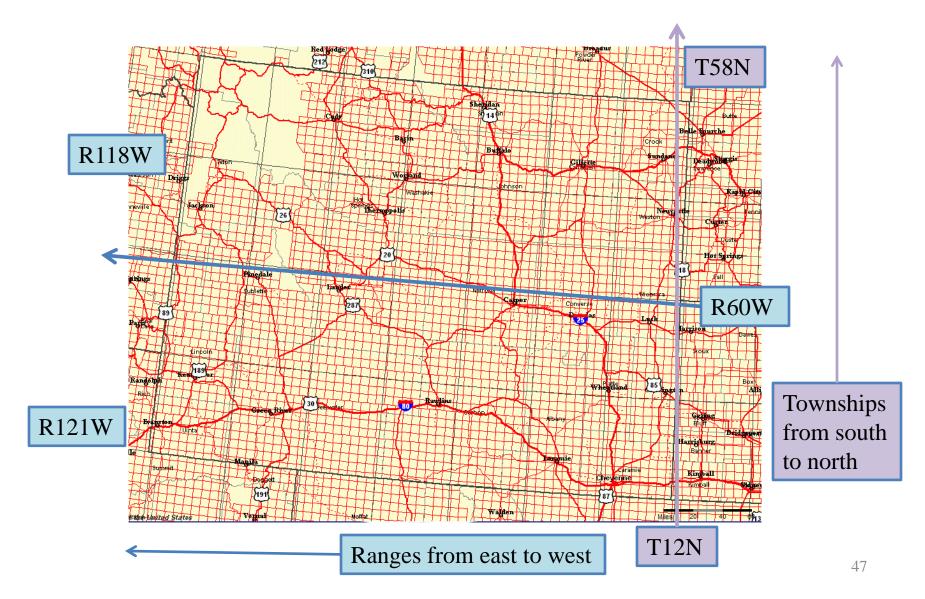
SW1/4 5 AC S1/2 N SW1/4	NW1/4 SW1/4 CRES NW1/4 SW1/4 CRES	W1/2 E1/2 NE1/4 NE1/- SW1/4 SW1/- SW1/4 SW1/- SW1/4 SW1/- SACRES 5 ACR	SE1/4	NE1/4 SE1/4 SW1/4 10 ACRES	SW1/4 SE1/4	SE1/4 SE1/4
2 1/2 ACRES	2 1/2 ACRES	SE1/2 SW1/4	SW1/2 SE1/4	SE1/2 SE1/4	40 ACRES	3L 1/4 3L 1/4 40 ACRES
s.w. c	CORNER	SW1/4 10 ACRES	SW1/4 10 ACRES	SW1/4 10 ACRES S. ½ (CORNER	S.E. CORNER

CHAIN 5 10	'∕₄ MILE 20	<i>%MILE</i> 40	∛4MILE 60	1 MILE 80
LINKS 500 1,000	2,000	4,000	6,000	8,000
RODS 20 40	80	160	240	320
FEET 330 660	1,320	2,640	3,960	5,280

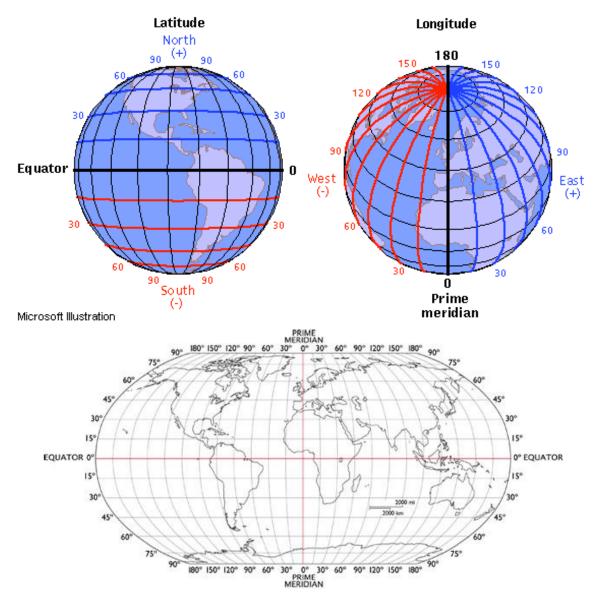
A ROD IS 16½ FEET A CHAIN IS 66 FEET OR 4 RODS A LINK IS 1/100 OF A CHAIN OR 7.92 INCHES A MILE IS 320 RODS. 80 CHAINS OR 5,280 FEET

TO REDUCE SQUARE FEET TO ACRES .000023 IS THE RECPIROCAL OF 43,560 SQUARE FEET.MULTIPLY THE NUMBER OF SQUARE FEET BY .000023. OR MULTIPLY BY 23 COUNT OFF SIX PLACES A SQUARE ROD IS 272¹/₄ SQUARE FEET AN ACRE CONTAINS 43,560 SQUARE FEET AN ACRE CONTAINS 160 SQUARE RODS AN ACRE IS ABOUT 208³/₄FEET SQUARE AN ACRE IS 8 RODS WIDE BY 20 RODS LONG - OR ANY TWO NUMBERS (OF RODS) WHOSE PRODUCT IS 160.

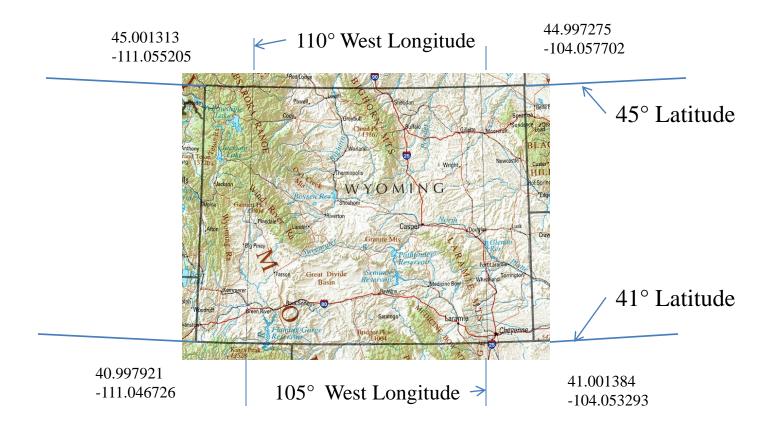
LAND SURVEY - WYOMING



MERIDIANS



GLOBAL POSITIONING



GOOGLE EARTH



WYDOT ROUTE / MILEPOST



GOOGLE EARTH OPTIONS

😂 Google Earth	Pro	
File Edit View	Tools Add Help	
▼ Search	Ruler	
Search Google	Table	
	GPS	arch
ex: Pizza near Cla	Movie Maker	<u> </u>
ex; Pizza fiear Cia	Regionate	story
	Enter Flight Simulator Ctrl+Alt+A	LUTY
▼ Places	Options	
🕀 🗹 🗀 ou	arters	

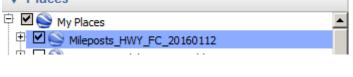
ADDING WYDOT'S KMZ FILE

🗄 🗹 🔄 Temporary Places

Mileposts_HWY_FC_20160112

Mileposts_HWY_FC_20160112.kmz

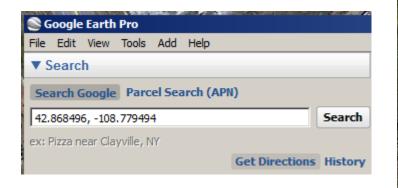
🖓 🖾 🖘 Projects 🕀 🗹 🛅 B164017 Bridge Rehabs Add 🗄 🗹 🛅 N331028 Thermopolis-Me Cut 🖶 🗖 🛅 P422008 Edgerton-Pine T Copy 🗄 🗹 🗀 N601040 Sheridan Street Delete 🗄 🗹 🛅 0261020 Laramie Sts UPR Delete Contents 🗄 🗹 🛅 Wyoming 42.997289, -108.76542 Rename 42,99723, -108,765605 Revert 42.992504, -108.765334 Save to My Places 42,993402, -108,765302 Earth Point Grid Decimal Degrees Save Place As... Post to Google Earth Community Forum Email... Grids Snapshot View Minor Grids Sort A-Z 1-degree grid 🗄 🗹 🔄 Temporary Places Properties 🗄 🗹 🚫 Mileposts HWY FC 20160117 Places



ROUTE/MP GPS

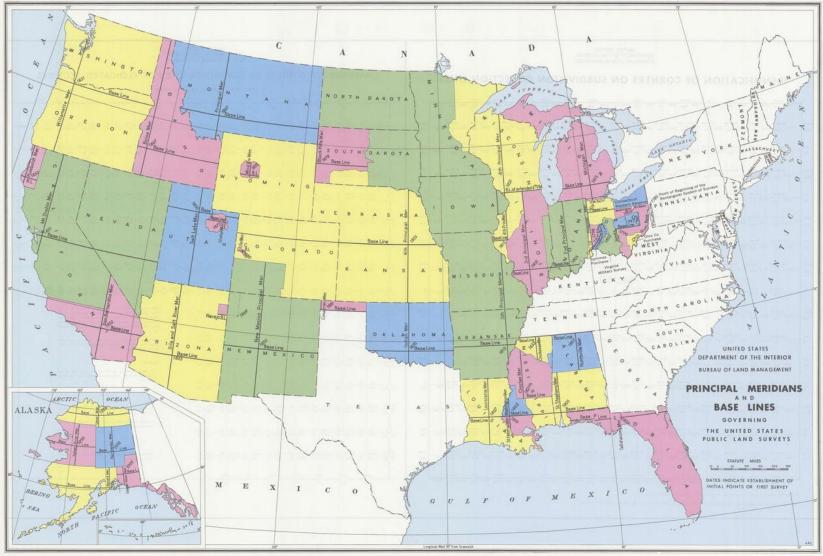


GPS SEARCH



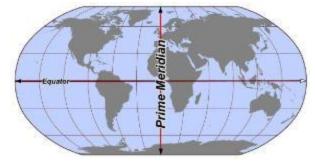


LAND SURVEY - MERIDIANS

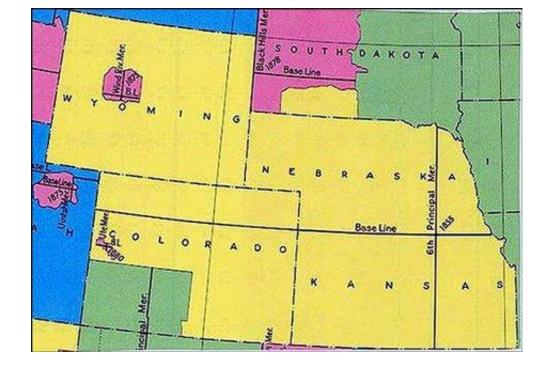


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LAND SURVEY - MERIDIANS







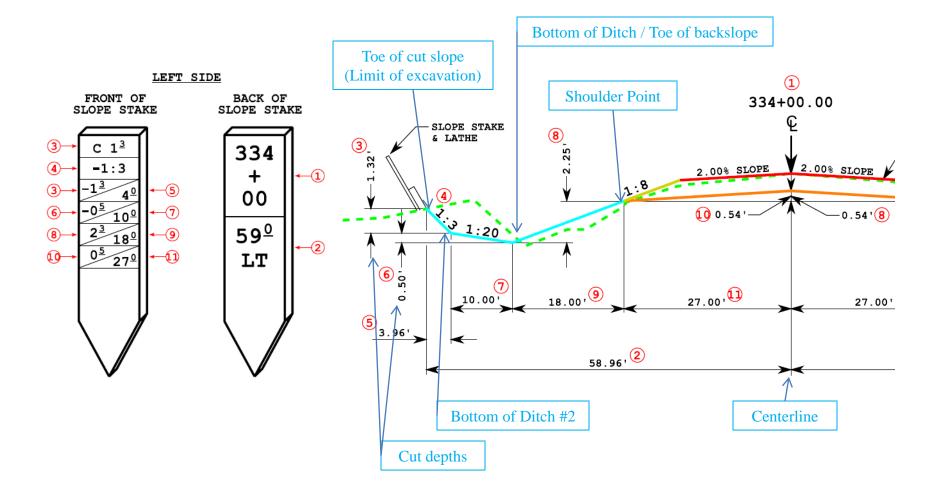
CORRECTION FACTOR



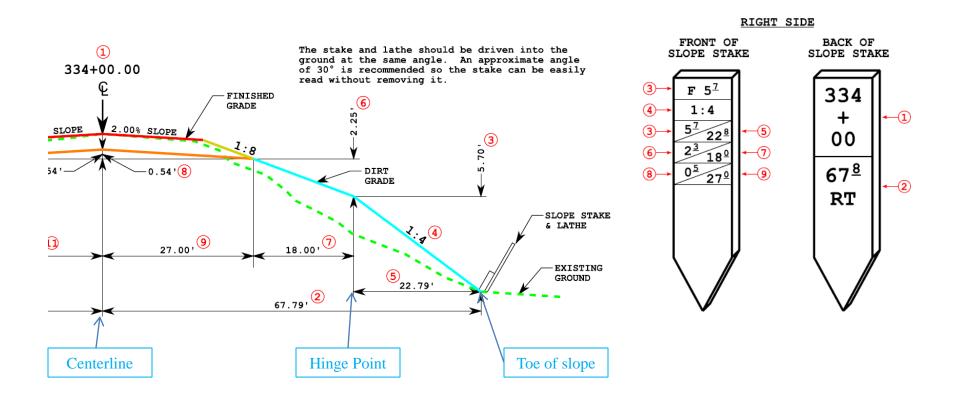
Coordinates are based on the Wyoming Coordinate System NAD 83/93, East Central Zone, and have been multiplied by a project factor of: 1.00023500. Labeled plan data (coordinates, curve data, bearings, distances and stationing) exceed survey accuracy. Existing land lines, property lines and easement lines not surveyed or tied to the alignment should be considered approximate. The vertical datum is NAVD 88.



STAKES – FLAT BOTTOM DITCHES

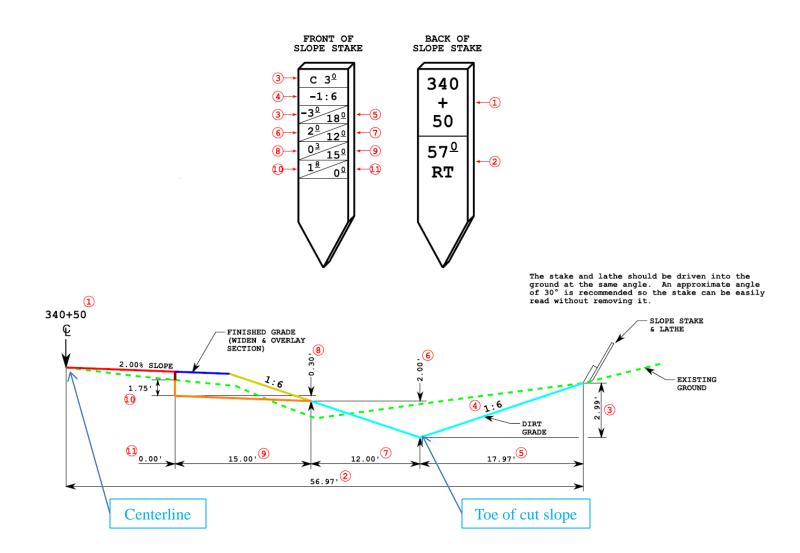


STAKES – FILL





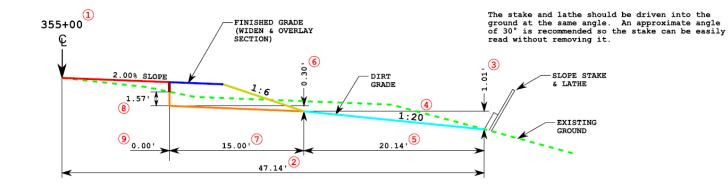
STAKES - v ditch







BACK OF SLOPE STAKE FRONT OF SLOPE STAKE F 1⁰ 3 355 4 1:20 + 1 3 1 20 00 0 6 15 **47**¹ 16 (8) 9 0 RT



SUMMARY GENERAL NOTES

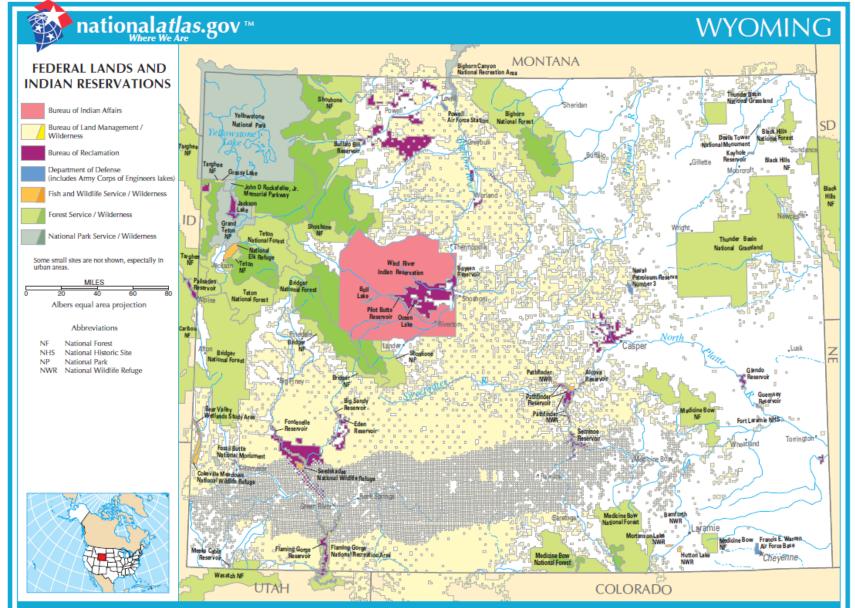
- Odd numbered Highways run North and South
- Even numbered Highways run East and West
- Reference Markers (RM) or Mileposts (MP) run West to East and South to North
- Centerline Surveys normally match RM or MP
- Land Surveys run East to West and South to North
- Electronic plans available (.dgn & .dwg)



AERIAL PHOTOS

- Are available for many projects.
- Many in color.
- Contact:

Photogrammetry & SurveysWyoming Department of Transportation5300 Bishop Blvd.Cheyenne, WY 82009-3340Phone: (307) 777-4498



U.S. Department of the Interior U.S. Geological Survey

The National Atlas of the United States of America®

I would like to thank Dave Hausmann of the South Dakota Department of Transportation for inspiring me to complete our state's version of his "Plans Reading Course" and for sharing his electronic version. I also want to thank Walt Scott, retired from the Montana Department of Transportation for sharing their state's version of "A Guide to Reading Montana Highway Plans."

Created October 2007, revised March 2012 and October 2015

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