TRAPPERS POINT / WILDLIFE CROSSINGS

NH 103.24 N132100

LENGTH IN MILES		PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GROSS	NET			
11.811	11.811	NH 103.24 N132100	1	250

STATE OF WYOMING

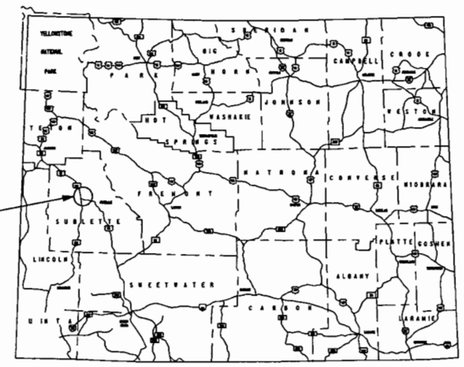
WYOMING DEPARTMENT OF TRANSPORTATION

PINEDALE-HOBACK JCT / TRAPPERS POINT

WILDLIFE CROSSINGS

SUBLETTE COUNTY

N132100



INDEX OF SHEETS

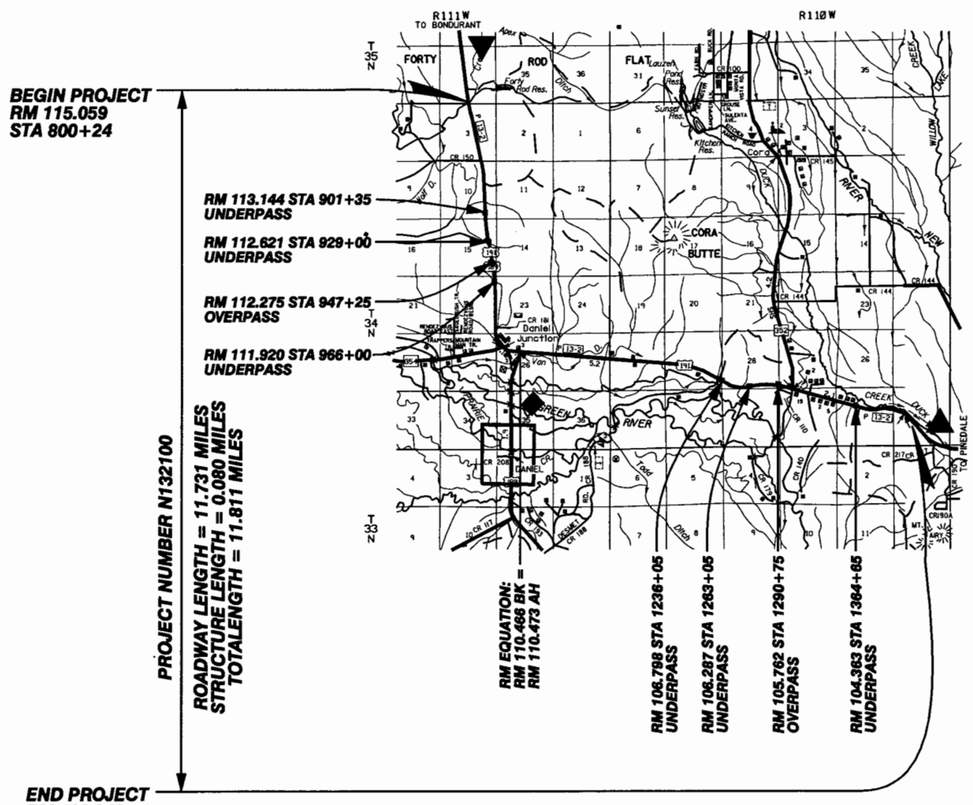
SHEET NO.	
1	TITLE SHEET
2	PROFESSIONAL SEALS
3	LEGEND
T1-T4	TYPICAL SECTION SHEETS
S1-S12	SUMMARY SHEETS
4-19	PLAN AND PROFILE SHEETS
20-27	GUARDRAIL DETAIL SHEETS
28-39	DEER FENCE LAYOUT SHEETS
40-45	DEER FENCE DETAIL SHEETS
46-51	CONCRETE SHOULDER BARRIER DETAIL SHEETS
52-53	SIGN STRUCTURE DETAIL SHEETS
54-57	PIT LAYOUT SHEETS

STRUCTURES

SHEET NO.	DWG. NO.	STRUCTURES
B1-B15	7374	SINGLE SPAN BRIDGE STA 901+34
B16-B30	7375	SINGLE SPAN BRIDGE STA 928+99
B31-B45	7376	SINGLE SPAN BRIDGE STA 966+01.5
B46-B60	7377	SINGLE SPAN BRIDGE STA 1236+04
B61-B75	7378	SINGLE SPAN BRIDGE STA 1263+02
B72-B90	7379	SINGLE SPAN BRIDGE STA 1364+65
B91-B105	P-1244	ARCH CULVERTS-WILDLIFE OVERPASSES

STANDARD PLAN NUMBER	NO. OF SHTS	TITLE
106-1	4	FIELD LABORATORY
203-2A	1	EARTHWORK
206-1A	1	CULVERT AND TRENCH EXCAVATION
215-1	11	TEMPORARY EROSION CONTROL MEASURES FOR STORM WATER POLLUTION PREVENTION
400-1	1	PAVEMENT THICKNESS TRANSITION AND MILLING REQUIREMENTS
603-1A	6	PIPE FILL HEIGHT CHART AND INSTALLATION DETAILS
603-2	2	CMP FLARED END SECTIONS
606-6	9	BOX BEAM GUARDRAIL
606-7	6	BOX BEAM GUARDRAIL FABRICATION STANDARDS
607-1A	6	WIRE FENCE
615-1	5	CATTLE GUARDS
625-1	1	INLET TYPE M1 FOR MEDIAN DRAINS
702-1	1	DELINEATORS
703-1D	12	CONSTRUCTION TRAFFIC CONTROL DEVICES
703-2C	4	CONSTRUCTION TRAFFIC CONTROL TWO LANE
703-6D	2	TRAFFIC CONTROL DEVICE (TCD) UNIT SCHEDULE

SHEET NO.	
1-80	MAINLINE CROSS SECTION SHEETS
1-10	OVERPASS CROSS SECTION SHEETS
1-2	PIPE CROSS SECTION SHEETS
1-43	DETOUR CROSS SECTION SHEETS



MATERIAL SOURCE & PLANT SITE:

▼ PAPE PIT
AGMT #41353

WATER SOURCES:

▲ DUCK CREEK
RM 102.580
AGMT #46341

◆ GREEN RIVER
RM 130.530 US 189
RM 120.180 US 191
AGMT #32112

APPROVED:

Dellert A McOmie 08/13/2010

CHIEF ENGINEER — DATE

DESIGNED BY VALLEY WEST ENGINEERING PC

STATE OF WYOMING	PROJECT NO.	SHEET NO.	TOTAL SHEETS
	N132100	2	57

PROFESSIONAL SEALS

"AS CONSTRUCTED PLANS"

RESIDENT ENGINEER	LAND SURVEY

"DESIGN PLANS"

Professional Engineer (CIVIL) AMY M. RAMAGE 9476 Date 8/4/2010 WYOMING	Professional Land Surveyor TODD CEDARHOLM 6447 Date 8/4/2010 WYOMING	Professional Engineer (Civil) VICKI L. BONDS 8768 Date 8/6/2010 WYOMING	Professional Engineer (Civil) KEITH R. FULTON 6935 Date 8/6/2010 WYOMING	PROFESSIONAL GEOLOGIST JAMES L COFFIN PG 59 8-6-10 WYOMING	Professional Land Surveyor ANTHONY G. WARBURTON 6593 Date 8/6/2010 WYOMING
ROAD DESIGN-CONSULTANT	PHOTOGRAMMETRY & SURVEYS	MATERIALS	BRIDGE DESIGN	GEOLOGY	RIGHT-OF-WAY

STATE OF WYOMING	PROJECT NO.	SHEET NO.	TOTAL SHEETS
	N132100	3	57

LEGEND

** UNDERGROUND UTILITIES ARE APPROXIMATE LOCATION **

SOME TOPOGRAPHIC FEATURES RESEMBLE OTHER FEATURES 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.

SURVEY CONTROL FEATURES

- AUXILIARY CONTROL
- CENTER OF ROADWAY POINT
- ENGINEERING MARKER
- FLIGHT LINE TARGET
- HIGHWAY MONUMENT
- PERMANENT BENCHMARK
- PHOTO CENTER (111 222)
- PICKED POINT
- PROJECT CONTROL POINT
- PROPERTY CORNER
- TEMPORARY BENCHMARK
- TEMPORARY CONTROL
- USPLSS CORNER
- WING POINT

TRAVELED WAY FEATURES

- BRIDGE PIER
- BRIDGE RAIL
- CATTLE GUARD
- CONCRETE BARRIER
- CURB
- EDGE OF TRAVELED WAY
- GUARDRAIL
- CABLE GUARDRAIL
- MAIL BOX
- RAILROAD
- REFERENCE MARKER
- RETAINING WALL
- SURFACED ROAD
- TRAIL
- UNSURFACED ROADS

SPECIAL TOPOGRAPHIC FEATURES

- BRUSH
- BUSH
- CULTIVATED FIELD
- MARSH
- MARSH BOUNDARY
- ROCK OUTCROPPING
- SINGLE TREE
- TREE LINE

SIGN FEATURES

- BILLBOARD
- MAJOR SIGN
- MEMORIAL MARKER
- SMALL SIGN
- STRUCTURAL SIGN

IRRIGATION & DRAINAGE FEATURES

- CHANNEL CHANGE (CH CH)
- DROP INLET
- EARTHEN DAM
- FLARED ENDS
- GUTTER DRAIN
- HEADGATE
- HEADWALL
- INTERMITTENT STREAM
- IRRIGATION BOX
- IRRIGATION DITCH - EXISTING
- IRRIGATION DITCH - PROPOSED
- LARGE PIPE - EXISTING
- LIVE WATER
- SMALL PIPE - EXISTING
- SPRINKLER HEAD
- RIPRAP
- WASTE DITCH - EXISTING
- WASTE DITCH - PROPOSED
- WEIR
- WINGWALL

MISCELLANEOUS FEATURES

- BEE HIVE
- BUILDING
- FOUNDATION
- GAS PUMP
- GRAVE
- PARKING BLOCK
- PROPANE TANK
- STOCK TANK
- STORAGE TANK
- WINDMILL

CONSTRUCTION LIMITS

- CUT
- FILL
- TRANSITION

UTILITY FEATURES

- FIRE HYDRANT
- GAS & OIL VALVE
- GUY ANCHORS
- MANHOLES
- OH COMB POWER/TELE POLE
- OH FIBER OPTIC LINE (FOW)
- OH POWER LINE (OPW)
- OH POWER POLE
- OH TELEPHONE LINE (OTW)
- OH TELEPHONE POLE
- OH UNDEFINED UTILITY POLE
- POLE
- SANITARY SEWER LIFT STATION
- SANITARY SEWER LINE (SA)
- STOP LIGHT
- STORM SEWER LINE (ST)
- STREET LIGHT
- TELEPHONE BOOTH
- TRANSMISSION TOWER
- UG FIBER OPTIC LINE (FO)
- UG GAS (G)
- UG OIL (O)
- UG POWER LINE (P)
- UG TELEPHONE LINE (T)
- UG TELEVISION LINE (TV)
- UG UNDEFINED UTILITY
- WATER LINE (W)
- WATER METER BOX
- WATER SPIGOT
- WATER VALVE
- WELL

R.O.W. BOUNDARY AND LAND LINE FEATURES ①

- CITY LIMITS (CITY)
- CONTINUOUS LAND OWNERSHIP
- CORPORATE LIMIT (CL)
- CORRIDOR LIMIT LINE (COR)
- COUNTY LINE
- EASEMENT LINE (EL)
- GOVERNMENT SURV. TRACT LINE (TR)
- HIGHWAY R/W LINE - EXISTING
- HIGHWAY R/W LINE - PROPOSED
- LOT LINE (L/L)
- NON R/W ACCESS CONTROL LINE
- NON R/W NO ACCESS LINE

R.O.W. BOUNDARY AND LAND LINE FEATURES CONT'D ①

- PROPERTY LINE (P/L)
- QUARTER SECTION LINE
- 1/4 & 1/16 CORNER (1 6)
- RAILROAD R/ W LINE - EXISTING
- RESERVATION, PARK OR FOREST
- R/W ACCESS CONTROL LINE - EXISTING
- R/W ACCESS CONTROL LINE - PROPOSED
- R/W NO ACCESS LINE - EXISTING
- R/W NO ACCESS LINE - PROPOSED
- SECTION CORNER (6 31 36)
- 1/16 & CENTER SECTION
- SIXTEENTH SECTION LINE
- STATE LINE
- SUB DIVISION BOUNDARY LINE (SD)
- TOWNSHIP, RANGE OR SECTION LINE
- URBAN LIMIT (UL)

FENCING FEATURES ①

- BARBED WIRE FENCE - EXISTING
- BARBED WIRE FENCE - PROPOSED
- BLOCK FENCE - EXISTING
- BUCK & POLE FENCE - PROPOSED
- CEDAR FENCE - PROPOSED
- DEER FENCE - PROPOSED
- GATE
- INDUSTRIAL FENCE - EXISTING
- INDUSTRIAL FENCE - PROPOSED
- OTHER FENCE - EXISTING
- SNOW FENCE - EXISTING (SF)
- SNOW FENCE - PROPOSED (SF)
- SPECIAL FENCE - PROPOSED

★ *FENCE TYPE DESIGNATED BY LETTER T through Z INSIDE BOX.*

- TEMPORARY FENCE (TF)
- WING FENCE - PROPOSED (WF)
- WOOD FENCE - EXISTING
- WOVEN WIRE FENCE - EXISTING
- WOVEN WIRE FENCE - PROPOSED
- WW/BW FENCE - EXISTING

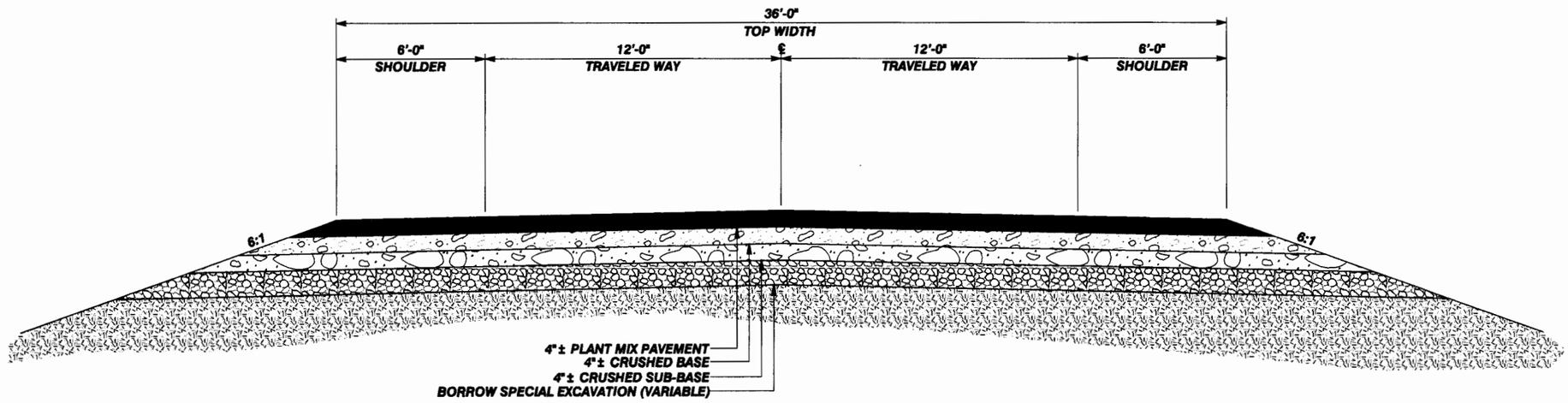
① *A FENCING FEATURE MAY BE INTEGRATED WITH A R.O.W. BOUNDARY FEATURE TO PRODUCE A COMBINATION FEATURE IN THE PLANS.*

Revised 12-05-07

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	T1	T4

EXISTING TYPICAL SECTION

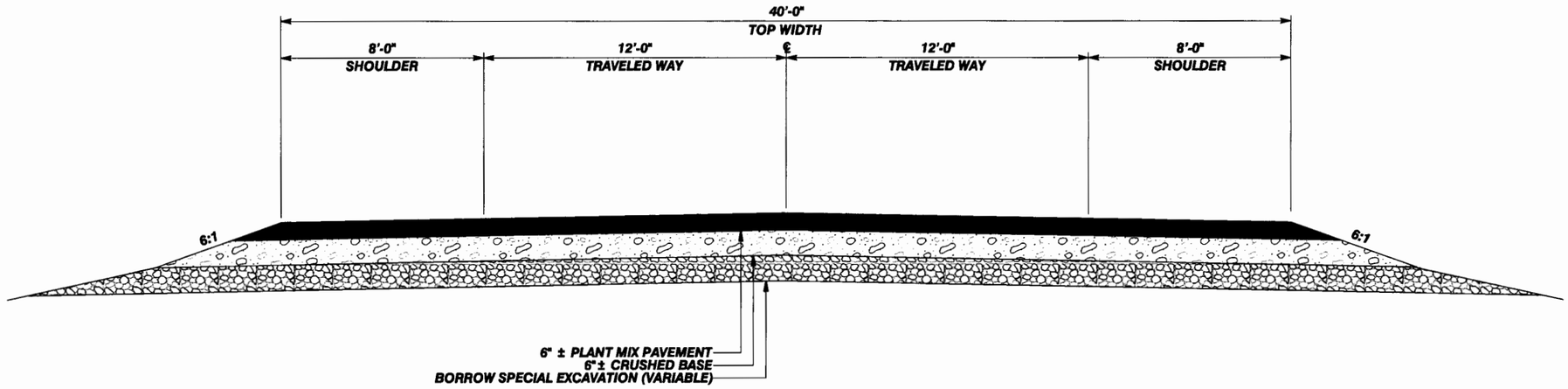
NORTH OF DANIEL JCT.
STA 894+75.00 - STA 971+14.57



STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	T2	T4

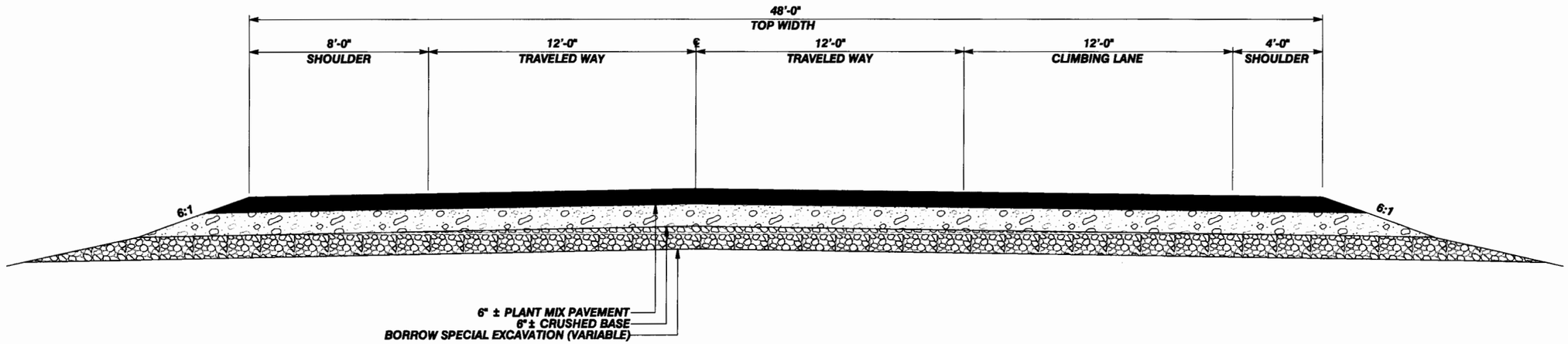
EXISTING TYPICAL SECTIONS

WEST OF PINEDALE
STA 1231+45 - STA 1265+50
STA 1311+00 - STA 1369+25



TAPER APPROX.
STA 1265+50 - STA 1268+50
STA 1308+00 - STA 1311+00

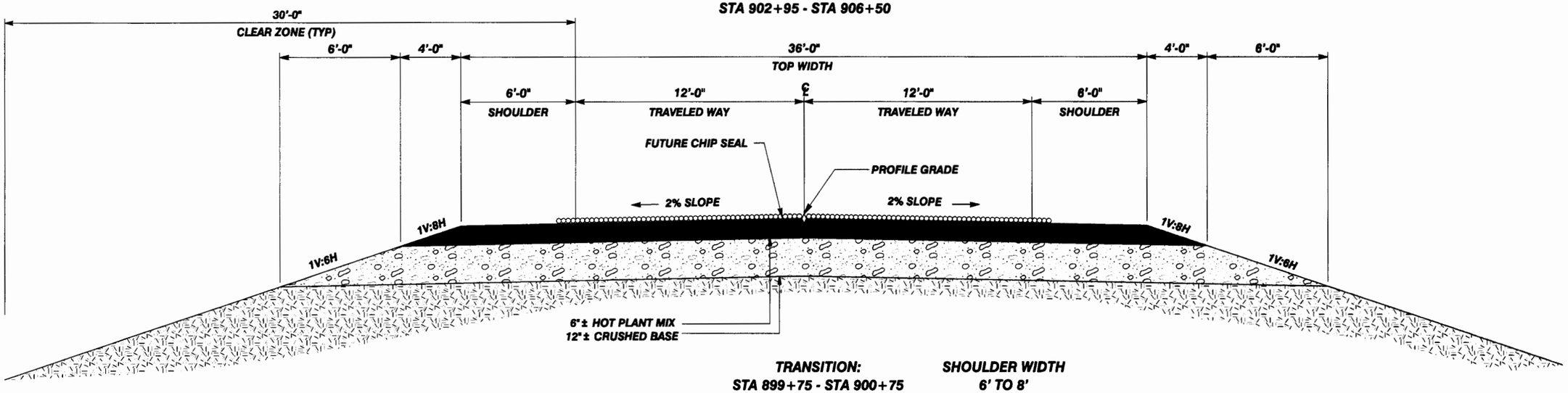
WEST OF PINEDALE
STA 1268+50 - STA 1308+00



STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	T3	T4

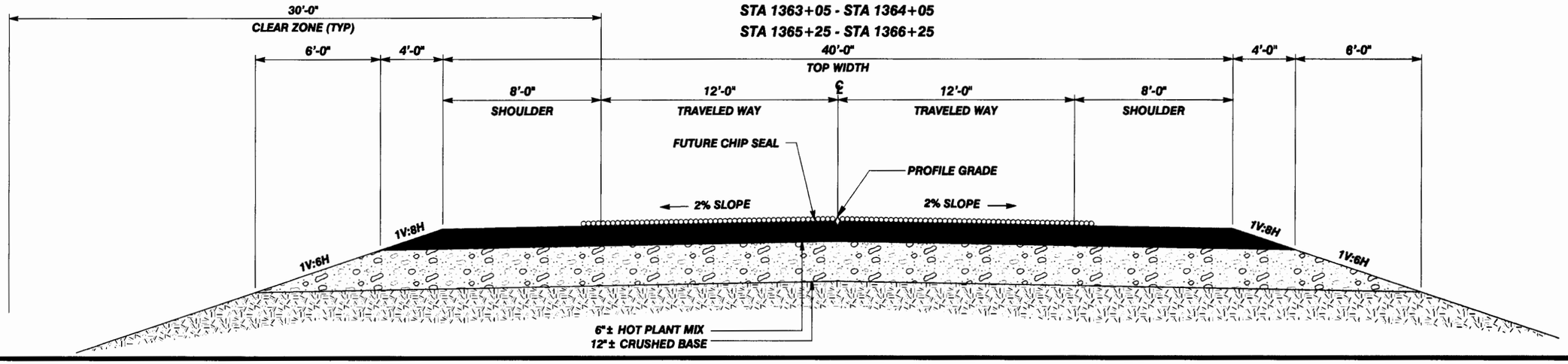
PROPOSED TYPICAL SECTIONS

STA 894+75 - STA 899+75
STA 902+95 - STA 906+50



TRANSITION:	SHOULDER WIDTH
STA 899+75 - STA 900+75	6' TO 8'
STA 901+95 - STA 902+95	8' TO 6'
STA 927+40 - STA 928+40	6' TO 8'
STA 929+60 - STA 930+60	8' TO 6'
STA 964+40 - STA 965+40	6' TO 8'
STA 966+60 - STA 967+60	8' TO 6'

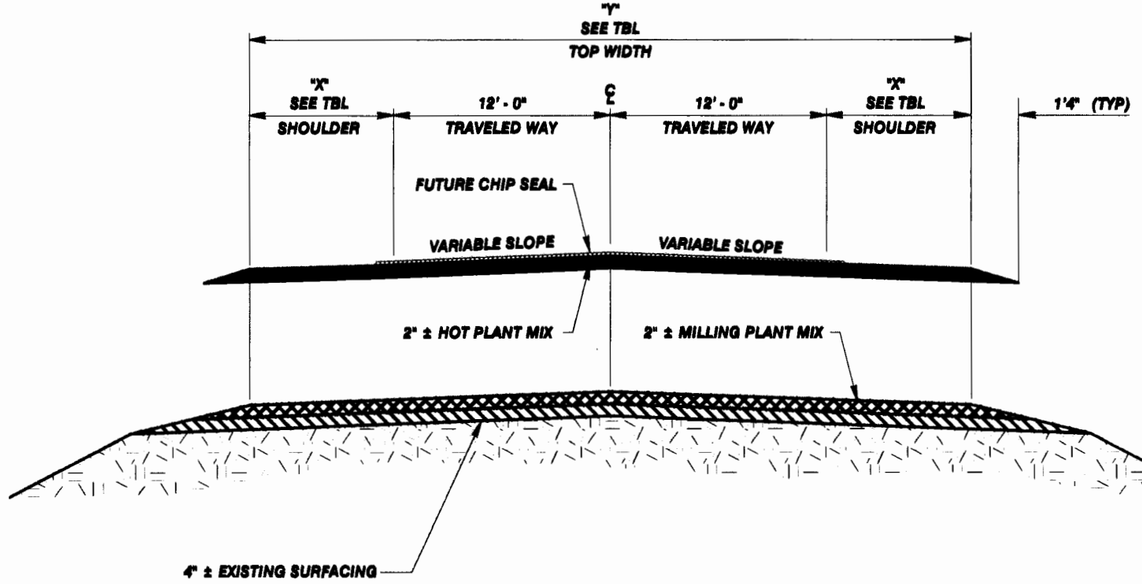
RECONSTRUCT AREAS
STA 1234+45 - STA 1235+45
STA 1236+65 - STA 1237+65
STA 1261+45 - STA 1262+45
STA 1263+65 - STA 1264+65
STA 1363+05 - STA 1364+05
STA 1365+25 - STA 1366+25



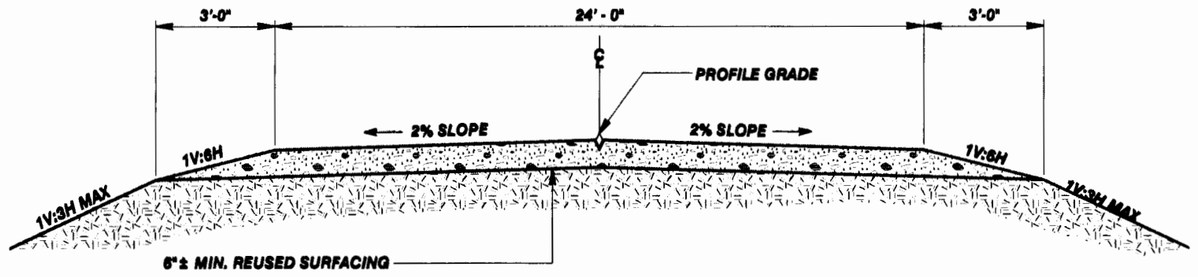
STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	T4	T4

PROPOSED TYPICAL SECTIONS
MILL & OVERLAY

	WIDTH "X"	WIDTH "Y"
STA. 924+66 - STA. 927+40	6' 0"	36' 0"
STA. 930+60 - STA. 933+60	6' 0"	36' 0"
STA. 961+40 - STA. 964+40	6' 0"	36' 0"
STA. 967+60 - STA. 970+60	6' 0"	36' 0"
STA. 1231+45 - STA. 1234+45	8' 0"	40' 0"
STA. 1237+65 - STA. 1240+65	8' 0"	40' 0"
STA. 1258+45 - STA. 1261+45	8' 0"	40' 0"
STA. 1264+65 - STA. 1267+65	8' 0"	40' 0"
STA. 1360+05 - STA. 1363+05	8' 0"	40' 0"
STA. 1366+25 - STA. 1369+25	8' 0"	40' 0"



DETOUR TYPICAL SECTION



TOTAL ESTIMATED QUANTITIES

ITEM NO.	ITEM	UNIT	ESTIMATED QUANTITIES		
			ROADWAY CODE 05	STRUCTURE CODE 08	TOTAL
106.05100	FIELD LABORATORY	EA	1		1
106.05200	CONTRACTOR TESTING	LS	LUMP SUM		LUMP SUM
109.04000	FORCE ACCOUNT WORK	$$	$25,000		$25,000
109.08000	MOBILIZATION	LS	LUMP SUM		LUMP SUM
202.03140	REMOVAL OF CATTLE GUARDS	EA	10		10
202.03205	REMOVAL OF FENCE	FT	145600		145600
202.03260	REMOVAL OF PIPE	FT	570		570
202.03280	REMOVAL OF PIPE FE SECTION	EA	4		4
202.03305	MILLING PLANT MIX	SY	24200		24200
202.03400	REMOVAL OF SURFACING	SY	11600		11600
202.03600	CUTTING BIT PVMT	FT	1040		1040
203.02500	UNCLASSIFIED EXCAVATION	CY	80000		80000
207.03100	TOPSOIL STORING	CY	25500		25500
207.03200	TOPSOIL PLACING	CY	25500		25500
207.03300	TOPSOIL BORROW	CY	360		360
209.01000	WATER	MG	4550		4550
210.03300	MOTOR GRADER	HR	100		100
212.02100	DRY EXCAVATION	CY		3860	3860
215.01000	CONTRACTOR STORM WATER CONTROL	LS	LUMP SUM		LUMP SUM
216.03100	SEEDING (PLS)	LB	790		790
216.03130	FERTILIZER TYPE II	LB	960		960
216.03900	DRY MULCH	TON	75		75
216.03910	EROSION CONTROL BLANKET	SY	11100		11100
217.01030	GEOTEXTILE, EMB AND RETAINING WALL	SY		11587	11587
221.01000	DUST CONTROL AGENT	TON	32		32
301.01080	CRUSHED BASE	TON	8214		8214
401.02000	HOT PLANT MIX	TON	4750		4750
401.02055	HOT PLANT MIX APPROACHES	TON	250		250
401.03323	ASPHALT BINDER (PG 64-22)	TON	278		278
407.01000	TACK COAT	TON	4		4
413.01000	HYDRATED LIME	TON	47		47
499.03045	REUSED SURFACING	SY	14500		14500
501.01000	STRUCTURAL STEEL	LS		LUMP SUM	LUMP SUM
503.01000	BRIDGE RAILING	FT		1434	1434
504.04010	PILE SPLICES	EA		5	5
504.11253	STEEL PILING HP 12 X 53	FT		2220	2220
505.06100	SHOULDER BARRIER	FT	648		648
507.01000	REINFORCED CONC APPROACH SLABS	SY		1446	1446
507.01100	BRIDGE APPROACH BACKFILL	CY		2852	2852
512.01050	ELASTOMERIC COMP JOINT SEAL	FT		453	453
513.00005	CLASS A CONCRETE	LS		LUMP SUM	LUMP SUM
513.00015	CLASS B CONCRETE	LS		LUMP SUM	LUMP SUM
514.00015	REINFORCING STEEL	LS		LUMP SUM	LUMP SUM
514.00025	REINFORCING STEEL (COATED)	LS		LUMP SUM	LUMP SUM
603.01024	PIPE 24 in	FT	796		796
603.03024	PIPE FE SECT 24 in	EA	7		7
603.50024	CMP 24 in	FT	48		48
603.50030	CMP 30 in	FT	74		74
603.50054	CMP 54 in	FT	50		50
605.10006	UNDERDRAIN PIPE (PERF) 6 in	FT		516	516
605.20006	UNDERDRAIN PIPE (NON-PERF) 6 in	FT		276	276
606.05000	BOX BEAM GUARDRAIL	FT	3924		3924
606.05013	BOX BEAM END TERM (WYBET)	EA	31		31
607.10900	FENCE TYPE W	FT	6100		6100
607.50100	FENCE DEER	FT	156800		156800
607.51100	FENCE TEMPORARY	FT	3750		3750
607.72000	GATES DEER	EA	205		205
607.72100	GATES SPECIAL	EA	9		9
607.72200	DEER RAMPS	EA	125		125
607.80100	BRACE PANELS	EA	96		96
607.80500	BRACE PANELS (DEER)	EA	275		275
607.90100	END PANELS	EA	150		150
607.90500	END PANELS (DEER)	EA	675		675
615.01018	CATTLE GUARD (HEAVY DUTY) 18 ft	EA	32		32
615.01024	CATTLE GUARD (HEAVY DUTY) 24 ft	EA	27		27
625.30100	INLET TYPE M1	EA	2		2
640.00001	SPECIAL ITEM LS-A	LS		LUMP SUM	LUMP SUM
640.00002	SPECIAL ITEM LS-B	LS	LUMP SUM		LUMP SUM
640.00007	SPECIAL ITEM FT-A	FT		302	302
702.30115	SIGN POSTS, WOOD 6 X 8 in	FT	110		110
702.30500	SIGN PANELS, ALUMINUM	SF	80		80
702.50200	DELINEATORS, TYPE II	EA	40		40
702.50300	DELINEATORS, TYPE III	EA	100		100
703.03100	FLAGGING	HR	5000		5000
703.03110	TEMPORARY TRAFFIC CONTROL	LS	LUMP SUM		LUMP SUM
900.60000	CONTRACTOR QUALITY CONTROL (CONCRETE)	LS		LUMP SUM	LUMP SUM

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	S1	S12

MATERIALS AND RATES

RATES AND WIDTHS OF APPLICATION SHALL BE SHOWN BELOW OR AS DIRECTED.
RATES AND WEIGHTS SHOWN ARE APPROXIMATE AND ARE SUBJECT TO ADJUSTMENT ON CONSTRUCTION.

ITEM	GRADE	ESTIMATED RATE	REMARKS
EXCAVATION AND EMBANKMENT			
EMBANKMENT			AVAILABLE MATERIAL SOURCE:
WATER		50.0 GAL/CY EMB COMP 5.0 GAL/CY DUST CONTROL	WITHIN PROJECT LIMITS AND PAPE PIT REJECT AGMT. NO. 41353
REUSED SURFACING			AVAILABLE SOURCE:
RAP	1 IN MAX	116.3 LB/CF	EXISTING SURFACING ROTOMILLED FROM THE ROADWAY
WATER		6.7 LB/CF (5.8% OF 116.3)	
		123.0 LB/CF (COMPACTED)	
CRUSHED BASE			
AGGREGATE	W	135.9 LB/CF (DRY)	AVAILABLE MATERIAL SOURCE:
WATER (OPTIMUM MOISTURE)		8.4 LB/CF (6.2% OF 135.9)	PAPE PIT
CRUSHED BASE		144.3 LB/CF (COMPACTED)	AGMT. NO. 41353
			DEAD HAUL = 2.36 MILES FROM PIT TO STA. 894+75
WATER (OPTIMUM MOISTURE)		14.0 GAL/TON	
WATER (FOR FINISHING)		5.0 GAL/TON	
WATER (TOTAL)		19.0 GAL/TON	
DUST CONTROL AGENT	MAGNESIUM BRINE SOLUTION	5.5 LB/SY	WIDTH: VARIABLE
HOT PLANT MIX AND HOT PLANT MIX APPROACHES			AVAILABLE MATERIAL SOURCE: PAPE PIT AGMT. NO. 41353 DEAD HAUL = 2.36 MILES FROM PIT TO STA. 894+75
AGGREGATE TYPE II	1/2 IN. NOMINAL MAX	122.2 LB/CF DRY	
FILLER		13.6 LB/CF (10.0% OF 135.8)	FILLER: A MAX. OF 20% PIT RUN MINUS
HYDRATED LIME		1.4 LB/CF (1.0% OF 135.8)	NO. 4 MATERIAL FROM THE PAPE PIT.
ASHPALT BINDER	PG 64-22	8.1 LB/CF (5.6% OF 145.3)	MAINLINE
		145.3 LB/CF COMP	DENSITY REQUIREMENT: II CLASS: III-M ; LEVEL OF CONTROL: 3
			APPROACHES
TACK COAT		0.25 LB/SY	DENSITY REQUIREMENT: V WIDTH: VARIABLE
TOPSOIL			
TOPSOIL		4 INCHES ±	SALVAGE AND REPLACE ALL AVAILABLE.
TOPSOIL BORROW			FOR OVERPASS STRUCTURES - CONTRACTOR FURNISHED
WATER		5.0 GAL/CY	FOR DUST CONTROL AND EASE OF HANDLING.
SEEDING			
TRAFFIC-SIDE ENCLOSURES / PRIVATE PIT:			
CRITANA THICKSPIKE WHEATGRASS		5.0 LB PURE LIVE SEED/ACRE	DRILL SEED MIXTURE TO A DEPTH OF
SECAR BLUEBUNCH WHEATGRASS		4.0 LB PURE LIVE SEED/ACRE	1/2" TO 1/4". IN AREAS
RIMROCK INDIAN RICEGRASS		3.0 LB PURE LIVE SEED/ACRE	INACCESSIBLE, BROADCAST SEED
CANBAR CANBY BLUEGRASS		2.0 LB PURE LIVE SEED/ACRE	AT 2X THE GIVEN RATE. LIGHTLY
LEWIS BLUE FLAX (Linum lewsii)		1.0 LB PURE LIVE SEED/ACRE	HARROW OR CHAIN-DRAG TO COVER.
RKY. MTN. BEEPLANT (Cleome serrulata)		1.5 LB PURE LIVE SEED/ACRE	ENSURE SEEDING EXTENDS 15 FEET INSIDE THE BRIDGE
		16.5 LB PURE LIVE SEED/ACRE (TOTAL)	BELOW-GRADE OPENINGS.
ANIMAL ENCLOSURES / OVERPASS DECKS / UNDERPASSES:			
CRITANA THICKSPIKE WHEATGRASS		5.0 LB PURE LIVE SEED/ACRE	INOCULATE LEGUME(Deervetch) SEED WITH SPECIFIC N-FIX
HY-CREST CRESTED WHEATGRASS		4.0 LB PURE LIVE SEED/ACRE	BACTERIA PRIOR TO SEEDING. LEGUME, SALTBUSH AND
COVAR SHEEP FESCUE		2.0 LB PURE LIVE SEED/ACRE	WINTERFAT NOT TO BE USED IN NON-DEER FENCED
MT-1 SANDBERG BLUEGRASS		1.5 LB PURE LIVE SEED/ACRE	AREAS ACCESSIBLE TO TRAFFIC.
AMERICAN DEERVETCH (Vicia americana) Inoc. 2X rate		2.0 LB PURE LIVE SEED/ACRE	
ROCKY MTN. PENSTEMON (Penstemon strictus)		1.0 LB PURE LIVE SEED/ACRE	
FOURWING SALTBUSH (Atriplex canescens) dewinged		0.5 LB PURE LIVE SEED/ACRE	
WINTERFAT (Ceratoides lanata)		0.5 LB PURE LIVE SEED/ACRE	
		16.5 LB PURE LIVE SEED/ACRE (TOTAL)	
FERTILIZER	TYPE II	20.0 LB AVAILABLE NITROGEN/ACRE	ANALYSIS 18-46-0 OR 11-52-0
DRY MULCH	STRAW ONLY	1.5 TON/ACRE	SLOPES <=1:3. SANDY SOILS, ENSURE CRIMPING PER STD. SPEC 216.3.2
EROSION CONTROL BLANKET	STC OR EX-3	-SY-	SLOPES >1:3 AND DITCH GRADES & DECKS>3%. PLACE WITHIN 72 HRS. DRILL SEEDING OR 24 HRS BROADCASTING.

WATER SOURCE:
DUCK CREEK, AGMT. #46341
GREEN RIVER, AGMT. # 32112

FOLLOWING ARE THE MATERIAL PROPERTIES AND MARSHALL MIX DESIGN RESULTS FOR THE AVAILABLE SOURCE SHOWN ON THE PLANS ACHIEVED USING THE PROPORTIONS AND AGGREGATE GRADATIONS SHOWN BELOW. NOTE: THIS DATA IS FOR INFORMATION PURPOSES ONLY. THE MIX DESIGN MAY HAVE BEEN DEVELOPED USING DESIGN STANDARDS ESTABLISHED AT THAT TIME AND MAY NOT MEET THE CURRENT CRITERIA. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PRODUCE AND PROPORTION MATERIALS TO MEET THE SPECIFICATIONS.

PAPE PIT II, ½ INCH NOMINAL MAXIMUM SIZE:

PROPERTY	MIX DESIGN DATA
NUMBER OF MARSHALL BLOWS	50
MARSHALL STABILITY, LBS	3,090
MARSHALL FLOW, 0.01 INCH	12
% VOIDS	4.1
DUST/EFFECTIVE ASPHALT BINDER	0.9
ASPHALT BINDER CONTENT, %	5.60
TENSILE STRENGTH RETAINED, %	85
FILM THICKNESS, µm	9
VOIDS IN MINERAL AGGREGATE, %	14.5

SIEVE SIZE	COARSE (CRUSHED)	FINES (CRUSHED)	FILLER (PIT RUN)	COMBINED 55% COARSE 35% FINES 10% FILLER
¾ INCH	100			100
½ INCH	92			96
⅜ INCH	51			73
NO. 4		100	100	45
NO. 8		74	82	34
NO. 30		40	35	18
NO. 200		9.8	7.6	4.2

LA ABRASION LOSS, %	24
FLAT & ELONGATED (1:5 RATIO), %	0
SAND EQUIVALENT, %	77
FRACTURED FACES, %	100/96
FINE AGGREGATE ANGULARITY, %	46
PLASTIC INDEX	NP
SOUNDNESS (MgSO4),LOSS, %	4

STATE OF WYOMING | PROJ. NO. N132100 | SHEET NO. S2 | TOTAL SHEETS S12

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	S3	S12

ACCUMULATION SUMMARY

SUMMARY	EA	TON		
	BRACE PANELS	CRUSHED BASE	ASPHALT BINDER (PG 64-22)	HYDRATED LIME
FENCE	46			
TEMPORARY FENCE	50			
SURFACING		7720	264	45
APPROACH		494	14	2.3
TOTAL & FOR ESTIMATE	96	8214	278	47

WATER ACCUMULATION SUMMARY

SUMMARY	MG
	WATER
FROM REMOVAL OF SURFACING SUMMARY	56
FROM REUSED SURFACING SUMMARY	52
FROM GRADING SUMMARY	3947
FROM TOPSOIL & SEEDING SUMMARY	129
FROM SURFACING SUMMARY	
FOR CRUSHED BASE COMPACTION	147
FOR PLANT MIX SCRUBBER	71
FOR CRUSHER DUST CONTROL (HOT PLANT MIX)	22
FOR CRUSHER DUST CONTROL (CRUSHED BASE)	36
FOR LIME SLURRY	32
FROM APPROACH SUMMARY	
FOR CRUSHED BASE COMPACTION	9.4
FOR PLANT MIX SCRUBBER	3.6
FOR CRUSHER DUST CONTROL (HOT PLANT MIX)	1.1
FOR CRUSHER DUST CONTROL (CRUSHED BASE)	2.3
FOR LIME SLURRY	1.6
TOTAL	4510.0
TOTAL & FOR ESTIMATE	4550

COLD MILLING WATER IS ESTIMATED AS 25 GAL/CY OF MILLINGS REMOVED

PLANT MIX SCRUBBER WATER IS ESTIMATED AS
15 GAL/TON OF TOTAL PLANT MIX

CRUSHER DUST CONTROL WATER IS ESTIMATED AS
5 GAL/TON OF TOTAL AGGREGATE

REMOVAL OF SURFACING SUMMARY

STATION	-	STATION	FT LENGTH	FT AVERAGE TOP WIDTH	IN PLANT MIX THICKNESS	SY MILLING PLANT MIX	IN BASE THICKNESS	SY REMOVAL OF SURFACING
894 + 75.00	-	906 + 50.00	1175	36	4	4700	4	4700
924 + 66.00	-	927 + 40.00	274	36	2	1100		
927 + 40.00	-	930 + 60.00	320	36	4	1280	4	1280
930 + 60.00	-	933 + 60.00	300	36	2	1200		
961 + 40.00	-	964 + 40.00	300	36	2	1200		
964 + 40.00	-	967 + 60.00	320	36	4	1280	4	1280
967 + 60.00	-	970 + 60.00	300	36	2	1200		
1231 + 45.00	-	1234 + 45.00	300	40	2	1330		
1234 + 45.00	-	1237 + 65.00	320	40	6	1420	6	1422
1237 + 65.00	-	1240 + 65.00	300	40	2	1330		
1258 + 45.00	-	1261 + 45.00	300	40	2	1330		
1261 + 45.00	-	1264 + 65.00	320	40	6	1420	6	1422
1264 + 65.00	-	1267 + 65.00	300	40	2	1330		
1360 + 05.00	-	1363 + 05.00	300	40	2	1330		
1363 + 05.00	-	1366 + 25.00	320	40	6	1420	6	1422
1366 + 25.00	-	1369 + 25.00	300	40	2	1330		
TOTAL						24200		11527
FOR ESTIMATE						24200		11600

Millng Plant Mix	Unit	Total	For Estimate
Water	MG	56	(W)

MILLED PLANT MIX AND BASE MATERIAL WILL BE REUSED SURFACING FOR DETOURS
EXCESS BASE MATERIAL TO BE INCORPORATED IN EMBANKMENTS AS DIRECTED BY ENGINEER

(W) SEE WATER ACCUMULATION SUMMARY

REUSED SURFACING SUMMARY

LOCATION	STATION	-	STATION	IN THICKNESS	FT LENGTH	SY REUSED SURFACING	MG WATER
RM 113.144	11 + 14.61	-	21 + 65.91	6	1051	2390	8.7
RM 112.621	21 + 25.08	-	32 + 51.69	6	1127	2580	9.4
RM 111.920	31 + 07.19	-	41 + 62.91	6	1056	2390	8.7
RM 106.798	41 + 33.79	-	51 + 61.43	6	1028	2250	8.2
RM 106.287	51 + 16.01	-	60 + 95.67	6	980	2280	8.3
RM 104.363	61 + 33.62	-	71 + 84.57	6	1051	2390	8.7
TOTAL						14280	52.0
FOR ESTIMATE						14500	(W)

(W) SEE WATER ACCUMULATION SUMMARY

LENGTH OF PROJECT SUMMARY

LOCATION	FT ROADWAY CODE 01	FT STRUCTURE CODE 08
800 + 24.00 BEGIN PROJECT		
→	10076.00	
901 + 00.00 BRIDGE END		
→		70.00
901 + 70.00 BRIDGE END		
→	2695.00	
928 + 65.00 BRIDGE END		
→		70.00
929 + 35.00 BRIDGE END		
→	3630.00	
965 + 65.00 BRIDGE END		
→		70.00
966 + 35.00 BRIDGE END		
→	26935.00	
1235 + 70.00 BRIDGE END		
→		70.00
1236 + 40.00 BRIDGE END		
→	2459.30	
1260 + 99.30 BK STA EQUATION		
1260 + 98.89 AH STA EQUATION		
→	171.11	
1262 + 70.00 BRIDGE END		
→		70.00
1263 + 40.00 BRIDGE END		
→	4505.24	
1308 + 45.24 BK STA EQUATION		
1308 + 45.65 AH STA EQUATION		
→	5584.35	
1364 + 30.00 BRIDGE END		
→		70.00
1365 + 00.00 BRIDGE END		
→	4915.05	
1414 + 15.05 BK STA EQUATION		
1414 + 32.79 AH STA EQUATION		
→	967.21	
1424 + 00.00 END PROJECT		
SUBTOTAL	61938.26	420.00
TOTAL	62358.26	
	MILES	
SUBTOTAL	11.731	0.080
TOTAL	11.811	

MISCELLANEOUS SUMMARY

ITEM		UNIT	TOTAL AND FOR ESTIMATE
FIELD LABORATORY		EA	1
MOTOR GRADER	(1)	HR	100
FORCE ACCOUNT WORK	(2)	$$	$25,000
CONTRACTOR STORM WATER CONTROL		LS	LUMP SUM
MOBILIZATION		LS	LUMP SUM
CONTRACTOR TESTING		LS	LUMP SUM
SPECIAL ITEM LS-B	(3)	LS	LUMP SUM

(1) FOR MINOR GRADING AT THE PLANT SITE / PROJECT
(2) FOR UNFORESEEN ITEMS ON THE PROJECT, FENCE REPAIR & SPECIAL GATES AS DIRECTED BY THE ENGINEER
(3) FOR REMOVAL OF THE EXISTING WILDLIFE DETECTION SYSTEM

CULVERT SUMMARY

STATION	FT REMOVAL OF PIPE	EA REMOVAL OF PIPE FE SECT	FT PIPE 24 in	FT CMP 24 in	FT CMP 30 in	FT CMP 54 in	FT MINIMUM FILL HEIGHT	EA PIPE FE SECT 24 in	EA INLET TYPE M1	REMARKS
928 + 98	191				46		2.0			EXTEND LT FOR DETOUR
940 + 29			594					1		LONGITUDINAL FOR DITCH DRAINAGE
946 + 23			74				4.0		2	
965 + 99	165			30			2.0			EXTEND LT FOR DETOUR
1061 + 00			48					2		NEW COMMERCIAL USE APPROACH
1074 + 00			40					2		NEW RESIDENTIAL USE APPROACH
1100 + 00			40					2		NEW RESIDENTIAL USE APPROACH
1235 + 21	18	1		18			5.0			REMOVE & RESET FE SECT. EXTEND LT FOR DETOUR
1261 + 85	28	1			28		7.5			REMOVE & RESET FE SECT. EXTEND RT FOR DETOUR
1364 + 83	167	2				50	4.2			EXTEND RT FOR DETOUR
TOTAL	569	4	796	48	74	50		7	2	
FOR ESTIMATE	570	4	796	48	74	50		7	2	

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	S4	S12

DETOUR GRADING SUMMARY

CY								CYMI
UNCLASSIFIED EXCAVATION								
LOCATION	STATION	- STATION	OBTAINED FROM DETOUR	OBTAINED FROM BORROW	TOTAL UNCLASSIFIED EXCAVATION	USED FOR DETOUR	SHRINK FACTOR	EMBANKMENT COMPACTION	HAUL
RM 113.144	11 + 14.61	21 + 65.91	115	1675	1790	1790	1.15	1557	394
RM 112.621	21 + 25.08	32 + 51.69	33	5237	5270	5270	1.15	4583	1709
RM 111.920	31 + 07.19	41 + 62.91	1760	3195	4955	4955	1.15	4309	1834
RM 106.798	41 + 33.79	51 + 61.43	331	3007	3338	3338	1.20	2782	9099
RM 106.287	51 + 16.01	60 + 95.67	268	7040	7308	7308	1.20	6090	17703
RM 104.363	61 + 33.62	71 + 84.57	36	2631	2667	2667	1.20	2223	1571
TOTAL			2543	22785	25328	25328		21544	32310
FOR ESTIMATE					(G)				(E)

(G) SEE GRADING SUMMARY

GRADING SUMMARY

CY												CYMI
UNCLASSIFIED EXCAVATION									EMBANKMENT COMPACTION			
LOCATION	STATION	- STATION	OBTAINED FROM ROADWAY	OBTAINED FROM DETOUR REMOVAL	OBTAINED FROM BORROW	TOTAL UNCLASSIFIED EXCAVATION	USED FOR ROADWAY	USED FOR OVERPASSES	SHRINK FACTOR	USED FOR ROADWAY	USED FOR OVERPASSES	TOTAL EMBANKMENT COMPACTION	HAUL
RM 113.144	894 + 75.00	906 + 49.57	2298	1557	1214	5069	5069		1.07 (1)	4737		4737	1746
RM 112.621	924 + 65.48	934 + 14.57	2619	4583		7202	2603	4599	1.05	2479		2479	1677
RM 112.275	942 + 39.69	952 + 32.57			680	680	680		1.15	591		591	59
	72 + 00.00	75 + 00.00			5317	5317		5317	1.08 (1)		14015(3)	14015	4965
RM 111.920	960 + 85.43	971 + 14.57	2555	4309		6864	1644	5220	1.05	1566		1566	1915
RM 106.798	1233 + 00.03	1240 + 26.96	3090	2782		5872	819	5053	1.05	780		780	5235
RM 106.287	1260 + 37.62	1267 + 00.00	4086	6090		10176	746	9430	1.05	710		710	4904
RM 105.762	81 + 32.00	85 + 28.00			5641	5641		5641	1.08(2)		24913 (4)	24913	12134
RM 104.363	1361 + 00.00	1366 + 96.87	5006	2223		7229	447	6782	1.05	426		426	9480
SUBTOTAL			19654	21544	12852	54050	12008	42042		11289		50217	42115
FROM DETOUR GRADING SUMMARY						25328						21544	32310
TOTAL						79378						71761	74425
FOR ESTIMATE						80000						(E)	(E)

AVERAGE HAUL = 0.938 MILE

Embankment Compaction	Unit	Total	For Estimate
Water	MG	3947	(W)

(W) SEE WATER ACCUMULATION SUMMARY
(E) FOR ESTIMATING PURPOSES ONLY

(1) Weighted Average Shrink Factor:

Unclassified Excavation Source	Shrink Factor
Obtained From Borrow	1.15
Obtained From Roadway and Detour	1.05

(2) Weighted Average Shrink Factor:

Unclassified Excavation Source	Shrink Factor
Obtained From Borrow	1.20
Obtained From Roadway and Detour	1.05

(3) Embankment Compaction Includes Material From RM 112.621 and RM 111.920

(4) Embankment Compaction Includes Material From RM 106.798, RM 106.287 and RM 104.363

Borrow Areas

ROW BORROW AREAS

RM 114.9 - 114.25 (EAST SIDE)	STA 808+50 - 843+00 LT.
RM 113.55 - 113.2 (EAST SIDE)	STA 880+00 - 898+50 LT.
RM 113.1 - 112.8 (WEST SIDE)	STA 905+00 - 920+00 RT.
RM 112.4 - 112.3 (WEST SIDE)	STA 940+00 - 945+00 RT.
RM 111.85 - 111.0 (WEST SIDE)	STA 970+00 - 1015+00 RT.
RM 103.25 - 104.3 (SOUTH SIDE)	STA 1368+00- 1424+00 RT.

PAPE PIT REJECT MATERIAL

RM 116.57 (EAST SIDE)

Haul calculation based on presumed borrow areas, actual values may vary depending on amount of borrow material available at the various locations.

CUTTING BITUMINOUS PAVEMENT SUMMARY

LOCATION		FT CUTTING BIT PVMT	REMARKS
MAINLINE			
894 + 75		36	
906 + 50		36	
927 + 40		36	
930 + 60		36	
964 + 40		36	
967 + 60		36	
1234 + 45		40	
1237 + 65		40	
1261 + 45		40	
1264 + 65		40	
1363 + 05		40	
1366 + 25		40	
SUBTOTAL		456	
APPROACHES			
853 + 75	RT	24	
924 + 37	RT	18	
1004 + 10	LT	24	
1027 + 28	RT	64	WYO 354
212 + 01	LT	48	OFF US 189
1073 + 91	RT	18	
1087 + 81	RT	24	
1114 + 98	LT	18	
1114 + 98	RT	24	
1129 + 31	RT	18	
1129 + 59	LT	18	
1149 + 80	RT	18	
1150 + 81	LT	18	
1155 + 10	LT	24	
1187 + 60	RT	18	
1216 + 69	LT	18	
1232 + 12	LT	18	
1232 + 48	RT	18	
1303 + 62	RT	24	OFF COUNTY RD 23-110
1305 + 60	RT	24	ACROSS COUNTY RD 23-110
44 + 60	RT	18	OFF WYO 352
67 + 50	RT	18	OFF WYO 352
74 + 60	LT	18	OFF WYO 352
93 + 85	RT	48	OFF WYO 352
SUBTOTAL		580	
TOTAL		1036	
FOR ESTIMATE		1040	

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	S5	S12

APPROACH SUMMARY

DEAD HAUL=0.57 MI TO STA 800+24

STATION		FT		IN		TON		MI	TMI	REMARKS
		APPROACH PATCH WIDTH	APPROACH PATCH LENGTH	CRUSHED BASE THICKNESS	PLANT MIX THICKNESS	CRUSHED BASE	HOT PLANT MIX APPROACHES	HAUL DISTANCE	HAUL	
853 + 75	RT	24	10	6	3	8.7	4.4	1.583	21	CTY RD 150-MAJOR APPROACH
924 + 37	RT	18	10	6	3	6.5	3.3	2.921	29	
1004 + 10	LT	24	10	6	3	8.7	4.4	4.431	58	CTY RD 181-MAJOR APPROACH
1027 + 28	RT	32	20	6	3	23.1	11.6	4.870	169	WYO 354-MAJOR APPROACH
OFF WYO 354		18	10	6	3	6.5	3.3	4.870	48	OFF WYO 354 LT TO NOBLE'S (1)
212 + 01	LT	24	20	6	3	17.3	8.7	5.468	142	OFF US 189
1061 + 00	LT	24	88	6	3	90.1	45.4	5.509	746	NEW 24' APPROACH (1)
1073 + 91	RT	18	10	6	3	6.5	3.3	5.753	56	
1074 + 00	LT	16	88	6	3	50.8	25.6	5.755	440	NEW 16' APPROACH (1)
1087 + 60	LT	24	88	6	3	90.1	45.4	6.012	815	NEW 24' APPROACH (1)
1087 + 81	RT	24	10	6	3	8.7	4.4	6.016	79	ZACHS RD
1100 + 00	LT	16	88	6	3	50.8	25.6	6.247	477	NEW 16' APPROACH (1)
1114 + 98	LT	18	10	6	3	6.5	3.3	6.531	64	MAJOR APPROACH
1114 + 98	RT	24	10	6	3	8.7	4.4	6.531	86	LUPINE LN-MAJOR APPROACH
1129 + 31	RT	18	10	6	3	6.5	3.3	6.802	67	
1129 + 59	LT	18	10	6	3	6.5	3.3	6.808	67	
1149 + 80	RT	18	10	6	3	6.5	3.3	7.190	70	
1150 + 81	LT	18	10	6	3	6.5	3.3	7.210	71	
1155 + 10	LT	24	10	6	3	8.7	4.4	7.291	96	MAJOR APPROACH
1187 + 60	RT	18	10	6	3	6.5	3.3	7.906	77	
1216 + 69	LT	18	10	6	3	6.5	3.3	8.457	83	
1232 + 12	LT	18	10	6	3	6.5	3.3	8.750	86	
1232 + 48	RT	18	10	6	3	6.5	3.3	8.756	86	
1303 + 62	RT	18	10	6		6.5		10.104	66	RT OFF COUNTY RD 23-110
1305 + 60	RT	24	10	6		8.7		10.141	88	COUNTY RD 23-110
1367 + 24	LT	18	10	6	3	6.5	3.3	11.309	111	
44 + 60	RT	18	10	6	3	6.5	3.3	10.935	107	OFF WYO 352
67 + 50	RT	18	10	6	3	6.5	3.3	11.369	111	OFF WYO 352
74 + 60	LT	18	10	6	3	6.5	3.3	11.503	113	OFF WYO 352
93 + 85	RT	24	10	6	3	8.7	4.4	11.868	155	OFF WYO 352, CTY RD 144-MAJOR APPROACH
TOTAL						494	242		4684	
FOR ESTIMATE						(A)	250		(E)	

FOR HOT PLANT MIX	UNITS	TOTAL	FOR ESTIMATE
HYDRATED LIME	TON	2.3	(A)
ASPHALT BINDER (PG 64-28)	TON	14	(A)
WATER (PLANT MIX SCRUBBER)	MG	3.6	(W)
WATER (LIME SLURRY)	MG	1.6	(W)
WATER (CRUSHER DUST CONTROL)	MG	1.1	(W)

FOR CRUSHED BASE	UNITS	TOTAL	FOR ESTIMATE
WATER (CRUSHER DUST CONTROL)	MG	2.3	(W)
WATER (COMPACTION)	MG	9.4	(W)

(A) SEE ACCUMULATION SUMMARY
(W) SEE WATER ACCUMULATION SUMMARY
(E) FOR ESTIMATING PURPOSES ONLY
(1) NEW APPROACHES WILL REQUIRE TOPSOIL STRIPPING, EMBANKMENT COMPACTION & ASSOCIATED WATER WHICH SHALL BE CONSIDERED SUBSIDIARY TO THE CRUSHED BASE BID ITEM FOR EACH ASSOCIATED APPROACH.

CATTLEGUARD SUMMARY

LOCATION		EA			REMARKS
		REMOVAL OF CATTLEGUARDS	CATTLEGUARD (HEAVY DUTY) 18 FT	CATTLEGUARD (HEAVY DUTY) 24 FT	
PAPE PIT APPROACH	LT			1	RM 115.67 PRIOR TO BEGIN PROJECT LT
853 + 75	RT	1		2	
924 + 37	RT	1	2		
1004 + 10	LT	2		2	
1027 + 28	RT			2	WYO 354
OFF WYO 354	RT		2		OFF WYO 354 LT TO NOBLE PROPERTY
1061 + 00	LT			2	NEW COMMERCIAL USE APPROACH
1073 + 91	RT		2		
1074 + 00	LT		2		NEW RESIDENTIAL USE APPROACH
1087 + 60	LT			2	NEW COMMERCIAL USE APPROACH
1087 + 81	RT			2	
1100 + 00	LT		2		NEW RESIDENTIAL USE APPROACH
1114 + 98	LT	1	2		
1114 + 98	RT			2	
1129 + 31	RT	1		2	
1129 + 59	LT		2		
1149 + 80	RT			2	
1150 + 81	LT		2		
1155 + 10	LT			2	
1187 + 60	RT		2		
1216 + 69	LT		2		
1232 + 12	LT		2		
1232 + 48	RT	1	2		
1303 + 62	RT	1	2		RT OFF COUNTY RD 23-110 TO HISTORIC SITE
1305 + 60	RT	1		2	COUNTY RD 23-110
1367 + 24	LT		2		
44 + 60	RT	1	2		WYO 352
67 + 50	RT			2	WYO 352
74 + 60	LT		2		WYO 352
93 + 85	RT			2	WYO 352
TOTAL AND FOR ESTIMATE		**10**	**32**	**27**	

CATTLEGUARDS WILL BE PLACED ON EXISTING APPROACHES UNLESS OTHERWISE NOTED
REMOVED CATTLEGUARDS WILL BECOME PROPERTY OF THE LANDOWNER
ON BLM LANDS, REMOVED CATTLEGUARDS WILL BECOME PROPERTY OF THE CONTRACTOR.

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	S6	S12

REMOVAL OF FENCE SUMMARY

STATION		STATION	FT REMOVAL OF FENCE	REMARKS
LEFT				
800 + 70	-	900 + 24	10034	
900 + 24	-	902 + 44	220	
902 + 44	-	927 + 90	2517	
927 + 90	-	930 + 10	220	
930 + 10	-	946 + 54	1654	
946 + 54	-	947 + 96	142	
947 + 96	-	964 + 91	1702	
964 + 91	-	967 + 11	220	
967 + 11	-	1020 + 85	5286	
1020 + 85	-	1036 + 72	2026	
1036 + 72	-	1235 + 04	19881	
1235 + 04	-	1237 + 98	609	OUTSIDE ROW
1237 + 98	-	1253 + 36	1443	
1253 + 36		1259 + 08	622	INSIDE ROW
1259 + 08	-	1282 + 36	2480	
1282 + 36		1286 + 10	491	
1286 + 10	-	1301 + 54	1605	OUTSIDE ROW
JOG TO WYO 352 SEE BELOW				
1338 + 47	-	1343 + 30	504	EXISTING FENCE NOT ON PROPERTY LINE
1351 + 12	-	1356 + 87	601	EXISTING FENCE NOT ON PROPERTY LINE
1363 + 73	-	1424 + 00	6088	
RIGHT				
800 + 24	-	900 + 42	10008	
900 + 42	-	902 + 28	186	
902 + 28	-	928 + 07	2596	
928 + 07	-	929 + 93	186	
929 + 93	-	946 + 54	1655	
946 + 54	-	947 + 96	142	
947 + 96	-	965 + 07	1608	
965 + 07	-	966 + 93	186	
966 + 93	-	1026 + 46	6028	
JOG TO WYO 354 SEE BELOW				
JOG TO US 189 SEE BELOW				
1045 + 50	-	1235 + 12	18920	
1235 + 12	-	1240 + 42	580	
1240 + 42	-	1262 + 94	2383	
1262 + 94	-	1283 + 14	2085	OUTSIDE ROW
1283 + 14	-	1286 + 30	421	
1286 + 30	-	1294 + 41	854	OUTSIDE ROW
1294 + 41	-	1302 + 64	832	JOG TO CTY RD 110
1302 + 64	-	TO SOUTH	996	ALONG CTY RD 110 WEST SIDE
1292 + 33	-	1345 + 51	4188	
1345 + 51	-	1362 + 71	1730	OUTSIDE ROW AROUND TYLER SUBDIVISION
1362 + 71	-	1366 + 58	387	
1366 + 58	-	1424 + 00	5819	
WYO 354				
SOUTH SIDE			688	
WYO 352				
LEFT				
3 + 35	-	120 + 45	10571	
RIGHT				
24 + 90	-	120 + 65	9569	
US 189				
LEFT				
200 + 50	-	217 + 20	1800	ALONG US 189 AND ACCESS ROAD
RIGHT				
200 + 50	-	227 + 49	2815	
TOTAL			145578	
FOR ESTIMATE			145600	

REMOVED FENCE SHALL BECOME PROPERTY OF THE ADJACENT LANDOWNER.
ON BLM LANDS, REMOVED FENCE SHALL BECOME PROPERTY OF THE CONTRACTOR.

FENCE SUMMARY

STATION		STATION	FT		EA						REMARKS
			FENCE TYPE W	FENCE DEER	GATES SPECIAL	DEER RAMPS	BRACE PANELS	BRACE PANELS (DEER)	END PANELS	END PANELS (DEER)	
LEFT											
800 + 70	-	900 + 24	41	10034		9	1	9	3	37	
900 + 24	-	902 + 44	442	313			4	4	4	6	
902 + 44	-	927 + 90	82	2517		3	2	3	3	4	
927 + 90	-	930 + 10	442	313			4	4	4	6	
930 + 10	-	946 + 54	82	1654		2	2	2	3	5	
946 + 54	-	947 + 96	290	300			4	2	4	6	
947 + 96	-	964 + 91	82	1702		2	2	2	3	5	
964 + 91	-	967 + 11	442	315			4	4	4	6	
967 + 11	-	1020 + 85	41	5286		5	1	8	3	15	
1020 + 85	-	1036 + 72		2026		1		2	1	8	OUTSIDE ROW
1036 + 72	-	1235 + 04		19881		15		47	16	56	
1235 + 04	-	1237 + 98	211	346			2	4	2	6	
1237 + 98	-	1259 + 99		2064		3		2	1	6	
1259 + 99	-	1264 + 98	489	574			2	4	4	6	
1264 + 98	-	1282 + 36		1787		2		2		4	
1282 + 36	-	1286 + 10	388	485			2	4	4	6	
1286 + 10	-	1289 + 74		459				1		8	
1289 + 74	-	1292 + 52	316	461			2	2	4	8	
1292 + 52	-	1301 + 54		942		1		1		6	
JOG TO WYO 352 SEE BELOW											
1300 + 37	-	1363 + 72		7161				6	1	40	OUTSIDE ROW TRAPPERS PT SUBDIV.
1363 + 72	-	1365 + 59	188	203					2	6	
1365 + 59	-	1424 + 00		5904	4	6		8	1	34	
RIGHT											
800 + 24	-	900 + 42		10008		9		12	2	26	
900 + 42	-	902 + 28	187	199					2	4	
902 + 28	-	928 + 07		2596		3		6	1	8	
928 + 07	-	929 + 93	187	199					2	4	
929 + 93	-	946 + 54		1655		2		2	1	10	
946 + 54	-	947 + 96	192	419			2		2	6	
947 + 96	-	965 + 07		1608		2		2	1	10	
965 + 07	-	966 + 93	187	199					2	4	
966 + 93	-	1027 + 13		6095	2	5		9	2	19	
1027 + 35		1038 + 70		3740		2		7	4	21	AROUND NOBLE, WYDOT, GREEN RIVER DRILLING
JOG TO US 189 SEE BELOW											
1045 + 50	-	1235 + 12		18920		13		37	15	56	
1235 + 12	-	1240 + 42	477	1215			4	2	6	12	INCLUDES SPUR FOR FUNNEL FENCE
1240 + 42	-	1261 + 21		2207		3		2	1	8	
1261 + 21	-	1264 + 98	379	473			2	4	4	8	
1264 + 98	-	1283 + 14		1767		2		2	1	8	
1283 + 14	-	1286 + 00	277	411			2	4	4	6	
1286 + 00	-	1289 + 42		331				1		4	
1289 + 42	-	1292 + 33	281	492			2	2	4	8	
1292 + 33	-	1302 + 64		1041		1		1	1	6	
1302 + 64	-	1345 + 38		5252	3	2		11	2	28	OUTSIDE ROW TYLER SUBDIVISION
1345 + 38	-	1362 + 71		1739		2		2	1	8	
1362 + 71	-	1366 + 58	387	482			2	2	4	6	
1366 + 58	-	1424 + 00		5819		6		5	3	24	
END TREATMENTS (1)				1000							
WYO 352											
LEFT											
3 + 35	-	120 + 45		10571		8		12	5	26	
RIGHT											
24 + 90	-	120 + 65		9569		8		17	4	28	
US 189											
LEFT											
200 + 50	-	211 + 72		1166		2		1	1	6	
RIGHT											
200 + 50	-	227 + 49		2885		3		3	2	16	
TOTAL			6090	156785	9	122	46	267	144	654	
FOR ESTIMATE			6100	156800	9	125	(A)	275	150	675	

(1) END TREATMENTS TO BE INSTALLED AS DIRECTED BY THE ENGINEER

GATES SPECIAL ARE TO BE INSTALLED AT LOCATIONS AS DIRECTED BY THE ENGINEER

(A) SEE ACCUMULATION SUMMARY

GATES DEER SUMMARY

LOCATION	EA GATES DEER	REMARKS
US 191 LEFT		
803+35	1	FIELD APPROACH
813+44	1	WILDLIFE MANAGEMENT GATE
826+64	1	WILDLIFE MANAGEMENT GATE
839+84	1	WILDLIFE MANAGEMENT GATE
845+60	1	FIELD APPROACH
850+88	1	FIELD APPROACH
853+04	1	WILDLIFE MANAGEMENT GATE
866+24	1	WILDLIFE MANAGEMENT GATE
872+00	1	WILDLIFE MANAGEMENT & FIELD APPROACH GATE
892+64	1	WILDLIFE MANAGEMENT GATE
901+35	2	WILDLIFE UNDERPASS
905+84	1	WILDLIFE MANAGEMENT GATE
919+04	1	WILDLIFE MANAGEMENT GATE
929+00	2	WILDLIFE UNDERPASS
930+08	1	WILDLIFE MANAGEMENT & FIELD APPROACH GATE
945+44	1	WILDLIFE MANAGEMENT GATE
947+25	2	WILDLIFE OVERPASS
951+20	1	FIELD APPROACH
958+64	1	WILDLIFE MANAGEMENT GATE
966+00	2	WILDLIFE UNDERPASS
971+84	1	WILDLIFE MANAGEMENT GATE
985+04	1	WILDLIFE MANAGEMENT GATE
998+24	1	WILDLIFE MANAGEMENT GATE
1004+10	1	CATTLEGUARD
1011+44	1	WILDLIFE MANAGEMENT GATE
1024+64	1	WILDLIFE MANAGEMENT GATE
1029+80	1	WILDLIFE MANAGEMENT GATE
1030+40	1	FIELD APPROACH
1036+72	1	FOR ACCESS THROUGH EAST SIDE OF BUTLER PROP.
1051+04	1	WILDLIFE MANAGEMENT GATE
1061+00	1	CATTLEGUARD
1074+00	1	CATTLEGUARD
1087+60	1	CATTLEGUARD
1100+00	1	CATTLEGUARD
1114+98	1	CATTLEGUARD
1117+04	1	WILDLIFE MANAGEMENT GATE
1125+44	1	FIELD APPROACH
1129+59	1	CATTLEGUARD
1130+24	1	WILDLIFE MANAGEMENT GATE
1136+00	1	FIELD APPROACH
1143+44	1	WILDLIFE MANAGEMENT GATE
1146+55	1	FIELD APPROACH
1150+81	1	CATTLEGUARD
1155+10	1	CATTLEGUARD
1156+64	1	WILDLIFE MANAGEMENT GATE
1169+84	1	WILDLIFE MANAGEMENT GATE
1183+50	1	WILDLIFE MANAGEMENT & FIELD APPROACH GATE
1196+24	1	WILDLIFE MANAGEMENT GATE
1204+65	1	FIELD APPROACH
1209+44	1	WILDLIFE MANAGEMENT GATE
1216+69	1	CATTLEGUARD
1222+64	1	WILDLIFE MANAGEMENT GATE
1232+12	1	CATTLEGUARD
1235+84	1	WILDLIFE MANAGEMENT GATE
1236+05	2	WILDLIFE UNDERPASS
1249+04	1	WILDLIFE MANAGEMENT GATE
1262+24	1	WILDLIFE MANAGEMENT GATE
1263+05	2	WILDLIFE UNDERPASS
1275+44	1	WILDLIFE MANAGEMENT GATE
1288+64	1	WILDLIFE MANAGEMENT GATE
1290+75	2	WILDLIFE OVERPASS
1301+84	1	WILDLIFE MANAGEMENT GATE
1305+00	1	FIELD APPROACH
1315+04	1	WILDLIFE MANAGEMENT GATE
1328+24	1	WILDLIFE MANAGEMENT GATE
1341+44	1	WILDLIFE MANAGEMENT GATE
1354+64	1	WILDLIFE MANAGEMENT GATE
1363+80	1	ACCESS FOR BLM PASTURE
1364+65	2	WILDLIFE UNDERPASS
1367+20	1	CATTLEGUARD
1367+84	1	WILDLIFE MANAGEMENT GATE
1381+04	1	WILDLIFE MANAGEMENT GATE
1394+24	1	WILDLIFE MANAGEMENT GATE
1407+44	1	WILDLIFE MANAGEMENT GATE
1420+64	1	WILDLIFE MANAGEMENT GATE
SUBTOTAL	**83**	

GATES DEER SUMMARY CONTINUED

LOCATION	EA GATES DEER	REMARKS
US 191 RIGHT		
806+00	1	FIELD APPROACH
813+44	1	WILDLIFE MANAGEMENT GATE
826+64	1	WILDLIFE MANAGEMENT GATE
839+84	1	WILDLIFE MANAGEMENT GATE
853+04	1	WILDLIFE MANAGEMENT GATE
853+75	1	CATTLEGUARD CO. RD. 23-150
866+24	1	WILDLIFE MANAGEMENT GATE
872+00	1	FIELD APPROACH
879+44	1	WILDLIFE MANAGEMENT GATE
893+12	2	WILDLIFE MANAGEMENT & FIELD APPROACH GATE
901+35	2	WILDLIFE UNDERPASS
905+84	1	WILDLIFE MANAGEMENT GATE
919+04	1	WILDLIFE MANAGEMENT GATE
924+37	1	CATTLEGUARD
929+00	2	WILDLIFE UNDERPASS
932+24	1	WILDLIFE MANAGEMENT GATE
945+44	1	WILDLIFE MANAGEMENT GATE
947+25	2	WILDLIFE OVERPASS
966+00	2	WILDLIFE UNDERPASS
958+64	1	WILDLIFE MANAGEMENT GATE
972+32	1	WILDLIFE MANAGEMENT & FIELD APPROACH GATE
985+04	1	WILDLIFE MANAGEMENT GATE
998+72	1	WILDLIFE MANAGEMENT & FIELD APPROACH GATE
1011+44	1	WILDLIFE MANAGEMENT GATE
1024+64	1	WILDLIFE MANAGEMENT GATE
1027+28	1	WYO 354
1037+84	1	WILDLIFE MANAGEMENT GATE
1051+04	1	WILDLIFE MANAGEMENT GATE
1064+24	1	WILDLIFE MANAGEMENT GATE
1067+35	1	FIELD APPROACH
1073+91	1	CATTLEGUARD
1077+92	1	WILDLIFE MANAGEMENT & FIELD APPROACH GATE
1087+81	1	CATTLEGUARD
1090+64	1	WILDLIFE MANAGEMENT GATE
1103+84	1	WILDLIFE MANAGEMENT GATE
1114+98	1	CATTLEGUARD
1117+04	1	WILDLIFE MANAGEMENT GATE
1125+45	1	FIELD APPROACH
1129+31		CATTLEGUARD - POLE GATE AS DIRECTED BY ENGINEER (1)
1136+00	2	FIELD APPROACH
1146+55	2	WILDLIFE MANAGEMENT & FIELD APPROACH GATE
1149+80		CATTLEGUARD - POLE GATE AS DIRECTED BY ENGINEER (1)
1151+84	1	FIELD APPROACH
1154+48	1	WILDLIFE MANAGEMENT & FIELD APPROACH GATE
1169+84	1	WILDLIFE MANAGEMENT GATE
1178+24	1	FIELD APPROACH
1183+52	1	WILDLIFE MANAGEMENT & FIELD APPROACH GATE
1187+60	1	CATTLEGUARD
1196+24	1	WILDLIFE MANAGEMENT GATE
1209+44	1	WILDLIFE MANAGEMENT GATE
1220+48	1	WILDLIFE MANAGEMENT & FIELD APPROACH GATE
1232+48	1	CATTLEGUARD
1235+84	1	WILDLIFE MANAGEMENT GATE
1236+05	2	WILDLIFE UNDERPASS
1241+60	1	FIELD APPROACH
1249+04	1	WILDLIFE MANAGEMENT GATE
1262+72	1	WILDLIFE MANAGEMENT & FIELD APPROACH GATE
1263+05	2	WILDLIFE UNDERPASS
1265+35	1	FIELD APPROACH
1275+44	1	WILDLIFE MANAGEMENT GATE
1283+84	4	FIELD APPROACH
1288+64	1	WILDLIFE MANAGEMENT GATE
1290+75	2	WILDLIFE OVERPASS
1301+84	1	WILDLIFE MANAGEMENT GATE
1303+62	1	CATTLEGUARD
1304+96	2	FIELD APPROACH
1305+60	1	CATTLEGUARD
1310+25	1	FIELD APPROACH
1315+04	1	WILDLIFE MANAGEMENT GATE
1320+56	1	BLM ACCESS FROM TYLER SUBDIVSION
1328+24	1	WILDLIFE MANAGEMENT GATE
1341+44	1	WILDLIFE MANAGEMENT GATE
1347+20	1	FIELD APPROACH
1354+64	1	WILDLIFE MANAGEMENT GATE
1364+65	2	WILDLIFE UNDERPASS
1367+84	1	WILDLIFE MANAGEMENT GATE
1381+04	1	WILDLIFE MANAGEMENT GATE
1394+24	1	WILDLIFE MANAGEMENT GATE
1407+44	1	WILDLIFE MANAGEMENT GATE
1420+64	1	WILDLIFE MANAGEMENT GATE
SUBTOTAL	**93**	

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	S7	S12

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	S8	S12

GATES DEER SUMMARY CONTINUED

LOCATION	EA GATES DEER	REMARKS
US 189 LEFT		
208+42	1	FIELD APPROACH
211+72	1	WILDLIFE MANAGEMENT GATE
SUBTOTAL	**2**	
US 189 RIGHT		
213+70	1	WILDLIFE MANAGEMENT GATE
216+34	1	FIELD APPROACH
221+62	1	FIELD APPROACH
SUBTOTAL	**3**	
WYO 352 LEFT		
4+61	1	FIELD APPROACH
26+40	1	WILDLIFE MANAGEMENT & FIELD APPROACH GATE
39+60	1	WILDLIFE MANAGEMENT GATE
52+80	1	WILDLIFE MANAGEMENT & FIELD APPROACH GATE
58+08	1	FIELD APPROACH
66+00	1	WILDLIFE MANAGEMENT GATE
74+60	1	CATTLEGUARD
79+20	1	WILDLIFE MANAGEMENT & FIELD APPROACH GATE
92+40	1	WILDLIFE MANAGEMENT GATE
105+60	1	WILDLIFE MANAGEMENT GATE
SUBTOTAL	**10**	
WYO 352 RIGHT		
26+40	1	WILDLIFE MANAGEMENT & FIELD APPROACH GATE
39+60	1	WILDLIFE MANAGEMENT GATE
44+60	1	CATTLEGUARD
52+80	1	WILDLIFE MANAGEMENT & FIELD APPROACH GATE
60+72	3	FIELD APPROACH
66+00	1	WILDLIFE MANAGEMENT GATE
67+50	1	CATTLEGUARD
79+20	1	WILDLIFE MANAGEMENT GATE
92+40	1	WILDLIFE MANAGEMENT GATE
93+85	1	CATTLEGUARD
105+60	1	WILDLIFE MANAGEMENT & FIELD APPROACH GATE
SUBTOTAL	**13**	
US 191 LEFT SUBTOTAL	**83**	
US 191 RIGHT SUBTOTAL	**93**	
TOTAL	**204**	
FOR ESTIMATE	**205**	

(1) POLE GATES AS DIRECTED BY ENGINEER TO BE PAID WITH FORCE ACCOUNT

TEMPORARY FENCE SUMMARY

STATION	-	STATION	FT FENCE TEMPORARY	EA BRACE PANELS	REMARKS
LEFT					
927 + 00	-	932 + 00	535	6	RELOCATE DRIFT FENCE FOR DETOUR
1233 + 50	-	1234 + 90	190	6	25' CONST. PERMIT
1286 + 13	-	1289 + 41	850	12	DO NOT DISTURB AREA
1289 + 41	-	1292 + 75	359	6	CONST. PERMIT
1364 + 02	-	1365 + 50	248	6	50' CONST. PERMIT
SUBTOTAL LEFT			**2182**	**36**	
RIGHT					
962 + 00	-	969 + 50	800	6	25' CONST. PERMIT
1393 + 80	-	1400 + 84	758	8	DO NOT DISTURB AREA
SUBTOTAL RIGHT			**1558**	**14**	
TOTAL			**3740**	**50**	
FOR ESTIMATE			**3750**	**(A)**	

(A) SEE ACCUMULATION SUMMARY

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	S9	S12

MAINLINE SURFACING SUMMARY

DEAD HAUL
=2.36 MI
TO STA 894+75

STATION - STATION	DIRECTION OF HAUL	FT AVERAGE TOP WIDTH	FT DISTANCE	MILES DISTANCE	MILES ½ DISTANCE	MILES AVG. HAUL	TON/FT CRUSHED BASE	TON CRUSHED BASE	TON/FT HOT PLANT MIX	TON HOT PLANT MIX	TON TOTAL	TMI HAUL	REMARKS
894 + 75 - 899 + 75		36.00	500.00	0.095	0.048	2.408	3.608	1804	1.453	727	2531	6095	RECONSTRUCTION
899 + 75 - 900 + 75		38.00	100.00	0.019	0.010	2.465	3.752	375	1.525	153	528	1302	TRANSITION SHLDR 6'-8'
900 + 75 - 901 + 00		40.00	25.00	0.005	0.003	2.477			0.484	12	12	30	OVERLAY APPROACH SLAB
901 + 70 - 901 + 95		40.00	25.00	0.005	0.003	2.495			0.484	12	12	30	OVERLAY APPROACH SLAB
901 + 95 - 902 + 95		38.00	100.00	0.019	0.010	2.506	3.752	375	1.525	153	528	1323	TRANSITION SHLDR 8'-6'
902 + 95 - 906 + 50		36.00	355.00	0.067	0.034	2.549	3.608	1281	1.453	516	1797	4581	RECONSTRUCTION
924 + 66 - 927 + 40		36.00	274.00	0.052	0.026	2.952			0.452	124	124	366	MILL & OVERLAY
927 + 40 - 928 + 40		38.00	100.00	0.019	0.010	2.988	3.752	375	1.525	153	528	1578	TRANSITION SHLDR 6'-8'
928 + 40 - 928 + 65		40.00	25.00	0.005	0.003	3.000			0.484	12	12	36	OVERLAY APPROACH SLAB
929 + 35 - 929 + 60		40.00	25.00	0.005	0.003	3.018			0.484	12	12	36	OVERLAY APPROACH SLAB
929 + 60 - 930 + 60		38.00	100.00	0.019	0.010	3.030	3.752	375	1.525	153	528	1600	TRANSITION SHLDR 8'-6'
930 + 60 - 933 + 60		36.00	300.00	0.057	0.029	3.068			0.452	136	136	417	MILL & OVERLAY
946 + 17 946 + 29		36.00	12.00	0.002	0.001	3.335	3.752	45	1.525	18	63	210	PATCH FOR PIPE
961 + 40 - 964 + 40		36.00	300.00	0.057	0.029	3.651			0.452	136	136	497	MILL & OVERLAY
964 + 40 - 965 + 40		38.00	100.00	0.019	0.010	3.689	3.752	375	1.525	153	528	1948	TRANSITION SHLDR 6'-8'
965 + 40 - 965 + 65		40.00	25.00	0.005	0.003	3.701			0.484	12	12	44	OVERLAY APPROACH SLAB
966 + 35 - 966 + 60		40.00	25.00	0.005	0.003	3.719			0.484	12	12	45	OVERLAY APPROACH SLAB
966 + 60 - 967 + 60		38.00	100.00	0.019	0.010	3.731	3.752	375	1.525	153	528	1970	TRANSITION SHLDR 8'-6'
967 + 60 - 970 + 60		36.00	300.00	0.057	0.029	3.769			0.452	136	136	513	MILL & OVERLAY
1231 + 45 - 1234 + 45		40.00	300.00	0.057	0.029	8.766			0.500	150	150	1315	MILL & OVERLAY
1234 + 45 - 1235 + 45		40.00	100.00	0.019	0.010	8.804	3.897	390	1.598	160	550	4842	RECONSTRUCTION
1235 + 45 - 1235 + 70		40.00	25.00	0.005	0.003	8.816			0.484	12	12	106	OVERLAY APPROACH SLAB
1236 + 40 - 1236 + 65		40.00	25.00	0.005	0.003	8.834			0.484	12	12	106	OVERLAY APPROACH SLAB
1236 + 65 - 1237 + 65		40.00	100.00	0.019	0.010	8.845	3.897	390	1.598	160	550	4865	RECONSTRUCTION
1237 + 65 - 1240 + 65		40.00	300.00	0.057	0.029	8.883			0.500	150	150	1332	MILL & OVERLAY
1258 + 45 - 1261 + 45		40.00	300.00	0.057	0.029	9.277			0.500	150	150	1392	MILL & OVERLAY
1261 + 45 - 1262 + 45		40.00	100.00	0.019	0.010	9.315	3.897	390	1.598	160	550	5123	RECONSTRUCTION
1262 + 45 - 1262 + 70		40.00	25.00	0.005	0.003	9.327			0.484	12	12	112	OVERLAY APPROACH SLAB
1263 + 40 - 1263 + 65		40.00	25.00	0.005	0.003	9.345			0.484	12	12	112	OVERLAY APPROACH SLAB
1263 + 65 - 1264 + 65		40.00	100.00	0.019	0.010	9.357	3.897	390	1.598	160	550	5146	RECONSTRUCTION
1264 + 65 - 1267 + 65		40.00	300.00	0.057	0.029	9.395			0.500	150	150	1409	MILL & OVERLAY
1360 + 05 - 1363 + 05		40.00	300.00	0.057	0.029	11.202			0.500	150	150	1680	MILL & OVERLAY
1363 + 05 - 1364 + 05		40.00	100.00	0.019	0.010	11.239	3.897	390	1.598	160	550	6181	RECONSTRUCTION
1364 + 05 - 1364 + 30		40.00	25.00	0.005	0.003	11.251			0.484	12	12	135	OVERLAY APPROACH SLAB
1365 + 00 - 1365 + 25		40.00	25.00	0.005	0.003	11.269			0.484	12	12	135	OVERLAY APPROACH SLAB
1365 + 25 - 1366 + 25		40.00	100.00	0.019	0.010	11.281	3.897	390	1.598	160	550	6205	RECONSTRUCTION
1366 + 25 - 1369 + 25		40.00	300.00	0.057	0.029	11.319			0.500	150	150	1698	MILL & OVERLAY
TOTAL								7720		4715		64515	
FOR ESTIMATE								(A)		4750		(E)	

AVERAGE HAUL= 5.188 MILES
(A) SEE ACCUMULATION SUMMARY
(W) SEE WATER ACCUMULATION SUMMARY
(E) FOR ESTIMATING PURPOSES ONLY

FOR HOT PLANT MIX	UNITS	TOTAL	FOR ESTIMATE
TACK COAT	TON	4	4
HYDRATED LIME	TON	45	(A)
ASPHALT BINDER (PG 64-22)	TON	264	(A)
WATER (PLANT MIX SCRUBBER)	MG	71	(W)
WATER (LIME SLURRY)	MG	32	(W)
WATER (CRUSHER DUST CONTROL)	MG	22	(W)

FOR CRUSHED BASE	UNITS	TOTAL	FOR ESTIMATE
DUST CONTROL AGENT	TON	32	32
WATER (CRUSHER DUST CONTROL)	MG	36	(W)
WATER (COMPACTION)	MG	147	(W)

OILING NOTES

APPLY DUST CONTROL AGENT AT THE GIVEN RATE TO THE FULL TOP WIDTH OF THE CRUSHED BASE.
APPLY TACK COAT AT THE GIVEN RATE TO ALL BITUMINOUS MATERIALS BEING JOINED.

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	S10	S12

EROSION CONTROL BLANKET SUMMARY

LOCATION	SY EROSION CONTROL BLANKET
RM 113.144 STA 901+35	500
RM 112.621 STA 929+00	500
RM 112.275 STA 947+25	1400
RM 111.920 STA 966+00	500
RM 106.798 STA 1236+05	500
RM 106.287 STA 1263+05	500
RM 105.762 STA 1290+75	6700
RM 104.363 STA 1364+65	500
TOTAL & FOR ESTIMATE	11100

FOR STEEP SLOPES ON AND AROUND STRUCTURES

DELINEATOR SUMMARY

STATION - STATION	EA DELINEATORS, TYPE II	EA DELINEATORS, TYPE III
800+24 - 1424+00	40	100
TOTAL & FOR ESTIMATE	**40**	**100**

REMOVE AND RESET EXISTING REFERENCE MARKERS AS DIRECTED BY THE ENGINEER. THIS WORK IS INCIDENTAL TO THE BID ITEM DELINEATORS, TYPE III.

TOPSOIL AND SEEDING SUMMARY

LOCATION	STATION	-	STATION	CY TOPSOIL STORING	CY TOPSOIL PLACING	CY TOPSOIL BORROW	LB SEEDING (PLS)	LB TYPE II FERTILIZER	TON DRY MULCH	ACRE AREA	MG WATER
MAINLINE											
RM 113.144	894 + 75.00	-	906 + 49.57	997	997		31	37	3	1.9	5
RM 112.621	924 + 65.48	-	934 + 14.57	869	869		27	32	2	1.6	4
RM 112.275	942 + 39.69	-	952 + 32.57	308	308		9	11	1	0.6	2
	72 + 00.00	-	75 + 00.00	615	615	162	24	29	2	1.4	4
RM 111.920	960 + 85.43	-	971 + 14.57	636	636		20	24	2	1.2	3
RM 106.798	1233 + 00.03	-	1240 + 26.96	301	301		9	11	1	0.6	2
RM 106.287	1260 + 37.62	-	1267 + 00.00	343	343		11	13	1	0.6	2
RM 105.762	81 + 32.00	-	85 + 28.00	931	931	197	35	42	3	2.1	6
RM 104.363	1361 + 00.00	-	1366 + 96.87	497	497		15	18	1	0.9	2
DETOURS											
RM 113.144	11 + 14.61	-	21 + 65.91	529	529		16	20	1	1.0	3
RM 112.621	21 + 25.08	-	32 + 51.69	640	640		20	24	2	1.2	3
RM 111.920	31 + 07.19	-	41 + 62.91	693	693		21	26	2	1.3	3
RM 106.798	41 + 33.79	-	51 + 61.43	600	600		18	22	2	1.1	3
RM 106.287	51 + 16.01	-	60 + 95.67	830	830		25	31	2	1.5	4
RM 104.363	61 + 33.62	-	71 + 84.57	478	478		15	18	1	0.9	2
PAPE PIT				5378	5378		165	200	15	10.0	27
BORROW AREAS				10741	10741		330	399	30	20.0	54
TOTAL				25385	25385	358	790	957	72		129
FOR ESTIMATE				25500	25500	360	790	960	75		(W)

(W) SEE WATER ACCUMULATION SUMMARY

GUARDRAIL SUMMARY

STATION - STATION	FT SHOULDER BARRIER LEFT	FT SHOULDER BARRIER RIGHT	FT BOX BEAM GUARDRAIL LEFT	FT BOX BEAM GUARDRAIL RIGHT	EA BOX BEAM GUARDRAIL END TERM (WYBET) LEFT	EA BOX BEAM GUARDRAIL END TERM (WYBET) RIGHT
898 + 67.21 - 900 + 75.00				159		1
899 + 20.92 - 900 + 75.00			105		1	
901 + 95.00 - 903 + 49.08				105		1
901 + 95.00 - 904 + 02.79			159		1	
926 + 32.21 - 928 + 40.00				159		1
926 + 85.92 - 928 + 40.00			105		1	
929 + 60.00 - 931 + 14.08				105		1
929 + 60.00 - 931 + 67.79			159		1	
944 + 65.58 - 946 + 46.85				132		1
945 + 20.30 - 946 + 47.15			78		1	
946 + 46.85 - 948 + 03.15		156				
946 + 47.15 - 948 + 02.85	156					
948 + 03.15 - 949 + 30.53				79		1
948 + 02.85 - 949 + 83.14			132		1	
963 + 32.21 - 965 + 40.00				159		1
963 + 85.92 - 965 + 40.00			105		1	
966 + 60.00 - 968 + 14.08				105		1
966 + 60.00 - 968 + 67.79			159		1	
1233 + 37.21 - 1235 + 45.00				159		1
1233 + 90.92 - 1235 + 45.00			105		1	
1236 + 65.00 - 1238 + 19.08				105		1
1236 + 65.00 - 1238 + 72.79			159		1	
1260 + 37.62 - 1262 + 45.00				159		1
1260 + 91.33 - 1262 + 45.00			105		1	
1263 + 65.00 - 1265 + 19.08				105		1
1263 + 65.00 - 1265 + 72.79			159		1	
1287 + 84.41 - 1289 + 96.59				162		1
1288 + 70.72 - 1289 + 97.30			78		1	
1289 + 96.59 - 1291 + 77.54		180				
1289 + 97.30 1291 + 52.70	156					
1291 + 52.70 - 1293 + 32.48			131		1	
1361 + 96.95 - 1364 + 05.00				159		1
1362 + 51.08 - 1364 + 05.00			105		1	
1365 + 25.00 - 1366 + 79.08				105		1
1365 + 25.00 - 1366 + 97.00			123		1	
TOTAL	312	336	1967	1957	16	15
FOR ESTIMATE	648		3924		31	

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	S11	S12

HIGHWAY SIGN SUMMARY

PROJECT SIGN NUMBER	STATION	DESCRIPTION & SIZE	BACKGROUND COLOR	LETTERS BORDER & SYMBOLS	MOUNTING HEIGHT	LATERAL CLEARANCE FROM DELINEATORS	NEW SIGN PANEL		BACKING ANGLES	NEW SIGN POST	MIMIMUM EMBEDMENT DEPTH
							MATERIAL	SF			
1	939+00 Right of CL	UP ARROW XX'-X" DOWN ARROW 48" DIAMOND	Retroreflective Yellow	Black	5'	15'	Aluminum	16	2" x 2" x 3/16"	1-6" x 8" x 22' Timber Break-Away	7'
2	955+50 Left of CL	UP ARROW XX'-X" DOWN ARROW 48" DIAMOND	Retroreflective Yellow	Black	5'	15'	Aluminum	16	2" x 2" x 3/16"	1-6" x 8" x 22' Timber Break-Away	7'
3	1282+50 Left of CL	UP ARROW XX'-X" DOWN ARROW 48" DIAMOND	Retroreflective Yellow	Black	5'	15'	Aluminum	16	2" x 2" x 3/16"	1-6" x 8" x 22' Timber Break-Away	7'
4	1282+50 Right of CL	UP ARROW XX'-X" DOWN ARROW 48" DIAMOND	Retroreflective Yellow	Black	5'	15'	Aluminum	16	2" x 2" x 3/16"	1-6" x 8" x 22' Timber Break-Away	7'
5	1299+00 Left of CL	UP ARROW XX'-X" DOWN ARROW 48" DIAMOND	Retroreflective Yellow	Black	5'	15'	Aluminum	16	2" x 2" x 3/16"	1-6" x 8" x 22' Timber Break-Away	7'

PERMANENT SIGNING NOTES:

1. THE TRAFFIC PROGRAM OF WYDOT FURNISHES, UPON REQUEST OF THE CONTRACTOR, SIGN FABRICATION LAYOUT SHEETS.
2. EACH INSTALLATION IS FIELD CHECKED BEFORE TIMBER SIGN POSTS ARE ORDERED, POST LENGTHS (2 ft INCREMENTS) ARE SUPPLIED BY THE ENGINEER. NO VARIATION IN MOUNTING HEIGHT IS PERMITTED.
3. CLEARANCE DIMENSIONS ARE SUPPLIED BY THE ENGINEER FOR SIGN NUMBERS 1,2,3,4 & 5
4. RETROREFLECTIVE TYPE III OR TYPE IV SHEETING IS REQUIRED FOR ALL NEW SIGN PANELS.
5. FOR SIGN INSTALLATION AND ASSEMBLY, SEE SIGN STRUCTURE SHEETS.

SIGN SUMMARY

ITEM	UNIT	TOTAL AND FOR ESTIMATE
SIGN POSTS, WOOD 6 X 8 in	FT	110
SIGN PANELS, ALUMINUM	SF	80

TRAFFIC CONTROL SUMMARY

ITEM	UNIT	TOTAL AND FOR ESTIMATE
FLAGGING	HR	5000
TEMPORARY TRAFFIC CONTROL	LS	LUMP SUM

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	S12	S12

STRUCTURE SUMMARY

ITEM		STA 901+34, STRUCTURE NO. MIZ	STA 928+99, STRUCTURE NO. MJA	STA 966+01.5, STRUCTURE NO. MJB	STA 1236+04, STRUCTURE NO. MJC	STA 1263+02, STRUCTURE NO. MJD	STA 1364+65, STRUCTURE NO. MJE	STA 947+25, STRUCTURE NO. MKA	STA 1290+75, STRUCTURE NO. MKB		
	UNIT	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	FOR ESTIMATE
DRY EXCAVATION	CY	300	720	710	710	710	710			3860	3860
GEOTEXTILE, EMB AND RETAINING WALL	SY	1931	1933	1930	1931	1930	1932			11587	11587
STRUCTURAL STEEL	LS	59400 LB	59400 LB	59400 LB	59400 LB	59400 LB	59400 LB			356400 LB	LUMP SUM
BRIDGE RAILING	FT	239	239	239	239	239	239			1434	1434
PILE SPLICES	EA	1	1	0	1	1	1			5	5
STEEL PILING HP 12 X 53	FT	450	310	275	335	615	235			2220	2220
REINFORCED CONC APPROACH SLABS	SY	241	241	241	241	241	241			1446	1446
BRIDGE APPROACH BACKFILL	CY	475	478	474	474	475	476			2852	2852
ELASTOMERIC COMP JOINT SEAL	FT	89	89	89	89	8	89			453	453
CLASS A CONCRETE	LS	74.9 CY	74.9 CY	74.9 CY	74.9 CY	74.9 CY	74.9 CY			449.4 CY	LUMP SUM
CLASS B CONCRETE	LS	64.4 CY	64.4 CY	64.4 CY	64.4 CY	64.4 CY	64.4 CY			386.4 CY	LUMP SUM
REINFORCING STEEL	LS	4920 LB	4920 LB	4920 LB	4920 LB	4920 LB	4920 LB			29520 LB	LUMP SUM
REINFORCING STEEL (COATED)	LS	20530 LB	20530 LB	20530 LB	20530 LB	20530 LB	20530 LB			123180 LB	LUMP SUM
UNDERDRAIN PIPE (PERF) 6 in	FT	86	86	86	86	86	86			516	516
UNDERDRAIN PIPE (NON-PERF) 6 in	FT	46	46	46	46	46	46			276	276
CONTRACTOR QUALITY CONTROL (CONCRETE)	LS	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM			LUMP SUM	LUMP SUM
SPECIAL ITEM LS-A	LS							LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM
SPECIAL ITEM FT-A	FT							150	152	302	302

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	4	57

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T 34 N, R 111 W
SEC 10
SESE
LESTER PAPE & SON RANCHES, INC.

SEC 15
NENE
BLM

NESE

890+00 | 895+00 | 900+00 | 905+00 | 910+00 | 915+00

PC 906+99.27

+24 | +44 | +42 | +28

250' | 250'

S 2° 28' 46.7" E

LESTER PAPE & SON RANCHES, INC.

BLM

PI STA. 916+54.81
N = 1,210,809.0778
E = 2,626,477.0020
D = 0° 30' 00.0"
Δ = 9° 32' 00.0" (LT)
T = 955.54'
L = 1,906.67'
R = 11,459.16'

NWSE
LESTER PAPE & SON RANCHES, INC.

SWSE
BOROFF LAND & LIVESTOCK

NWNE
BOROFF LAND & LIVESTOCK

BEGIN WORK
STA 894+75.00
N 1,212,986.8432
E 2,626,382.6941

END WORK
STA 906+49.57
N 1,211,813.3730
E 2,626,433.5111

7,440 | 7,430 | 7,420 | 7,410 | 7,400 | 7,390 | 7,380 | 7,370 | 7,360

7,383.58

VPI 897+00.00
ELEV. 7,383.10'
V.C. 450.00'

VPI 901+00.00
ELEV. 7,398.59'
V.C. 350.00'

VPI 904+50.00
ELEV. 7,395.66'
V.C. 350.00'

VPI 906+25.00
ELEV. 7,401.44'
7,401.66

-0.1911%
+2.3500%
+0.9613%
+3.1836%

901+35
SIMPLE SPAN
BRIDGE

RM 113.144
STA 901+35
PROPOSED UNDERPASS

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	5	57

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T 34 N, R 111 W

SEC 10

SESE

LESTER PAPE & SON RANCHES, INC.

SEC 15

NENE

BLM

NESE

PI STA. 10+91.46
N = 1,212,869.5708
E = 2,626,387.7725
D = 5° 43' 46.5"
Δ = 10° 27' 06.1" (LT)
T = 91.46'
L = 182.42'
R = 1,000.00'
e = MATCH EXISTING

PI STA. 14+98.88
N = 1,212,471.9922
E = 2,626,479.0590
D = 5° 43' 46.5"
Δ = 10° 27' 06.1" (RT)
T = 91.46'
L = 182.42'
R = 1,000.00'
e = NC

PI STA. 17+81.10
N = 1,212,189.5300
E = 2,626,491.2910
D = 5° 43' 46.5"
Δ = 10° 25' 45.5" (RT)
T = 91.27'
L = 182.03'
R = 1,000.00'
e = NC

PI STA. 21+91.45
N = 1,211,782.6184
E = 2,626,434.4677
D = 5° 43' 46.5"
Δ = 10° 48' 27.5" (LT)
T = 94.59'
L = 188.63'
R = 1,000.00'
e = MATCH EXISTING

10+00 15+00 20+00

PC 10+00.00 | PT 11+82.42 | PC 14+07.42 | PT 15+89.83 | PC 16+89.83 | PT 18+71.86 | PC 20+96.86 | PT 22+85.49

S 12° 56' 52.6" E | R = 1,000.00' | Δ = 21° 26' 46.7" | S 7° 56' 58.9" W

250' | 250'

LESTER PAPE & SON RANCHES, INC.

BLM

NWSE
LESTER PAPE & SON RANCHES, INC.

SWSE
BOROFF LAND & LIVESTOCK

NWNE
BOROFF LAND & LIVESTOCK

BEGIN WORK
STA 11+14.61 DETOUR
STA 896+15.28 MAINLINE

END WORK
STA 21+65.91 DETOUR
STA 906+55.59 MAINLINE

VPI 11+14.61 ELEV. 7,383.19'
VPI 11+92.99 ELEV. 7,382.84'
VPI 12+58.76 ELEV. 7,383.10'
VPI 13+00.00 ELEV. 7,383.28' V.C. 50.00'
VPI 14+00.00 ELEV. 7,381.50' V.C. 100.00'
VPI 17+25.00 ELEV. 7,383.50' V.C. 200.00'
VPI 19+75.00 ELEV. 7,396.04' V.C. 100.00'
VPI 20+26.66 ELEV. 7,397.75'
VPI 20+91.03 ELEV. 7,389.89'
VPI 21+65.91 ELEV. 7,402.30'

-0.4455% | +0.3941% | -1.7625% | +0.6154% | +5.0141% | +3.3193% | +3.2230%

7,440 7,430 7,420 7,410 7,400 7,390 7,380 7,370 7,360

10+00 15+00 20+00

DETOUR DETAIL
RM 113.144
STA 901+35

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	6	57

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T 34 N, R 111 W
SEC 15
SENE
BLM

NENE BLM

NESE BLM

915+00 | 920+00 | 925+00 | 930+00 | 935+00 | 940+00

PT 926+05.93

250'

250'

S 12° 00' 46.7" E

PC 939+49.21

PI STA. 916+54.81
N = 1,210,809.0778
E = 2,626,477.0020
D = 0° 30' 00.0"
Δ = 9° 32' 00.0" (LT)
T = 955.54'
L = 1,906.67'
R = 11,459.16'

25' CONST. PERMIT

+05 +85 +07 +93 +90 +10

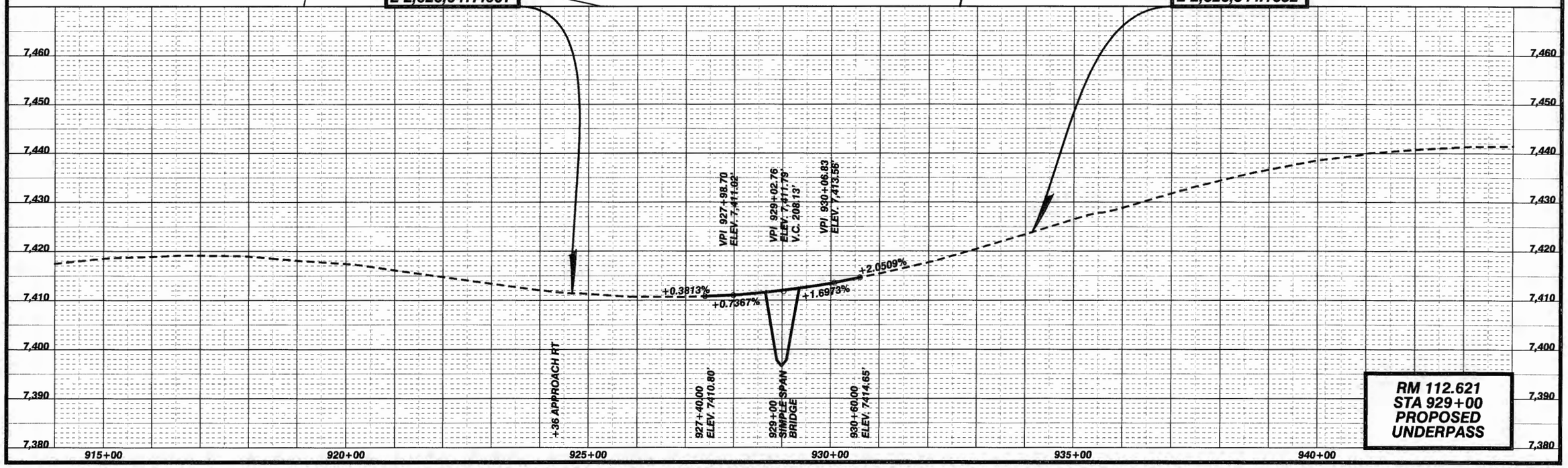
BLM

BLM

NWNE BOROFF LAND & LIVESTOCK

BEGIN WORK
STA 924+65.48
N 1,210,012.0189
E 2,626,647.4907

END WORK
STA 934+14.57
N 1,209,083.5377
E 2,626,844.1852



RM 112.621
STA 929+00
PROPOSED UNDERPASS

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STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	7	57

T 34 N, R 111 W
SEC 15
SENE
BLM

SEC 15
NESE
BLM

BLM

NWNE
BOROFF LAND &
LIVESTOCK

PI STA. 21+11.98
N = 1,210,144.0299
E = 2,626,621.3346
D = 5° 43' 46.5"
Δ = 12° 46' 41.5" (LT)
T = 111.98'
L = 223.02'
R = 1,000.00'
e = MATCH EXISTING

PI STA. 25+42.93
N = 1,209,746.0568
E = 2,626,789.0863
D = 5° 43' 46.5"
Δ = 10° 50' 35.5" (RT)
T = 94.91'
L = 189.25'
R = 1,000.00'
e = NC

PI STA. 28+37.14
N = 1,209,457.7340
E = 2,626,850.4395
D = 5° 43' 46.5"
Δ = 11° 24' 23.3" (RT)
T = 99.87'
L = 199.08'
R = 1,000.00'
e = NC

PI STA. 32+61.22
N = 1,209,033.0174
E = 2,626,854.9355
D = 5° 43' 46.5"
Δ = 11° 24' 23.3" (LT)
T = 99.87'
L = 199.08'
R = 1,000.00'

PC 20+00.00
PT 22+23.02
PC 24+48.02
PT 26+37.27
PC 27+37.27
PT 29+36.35
PC 31+61.35
PT 33+60.43

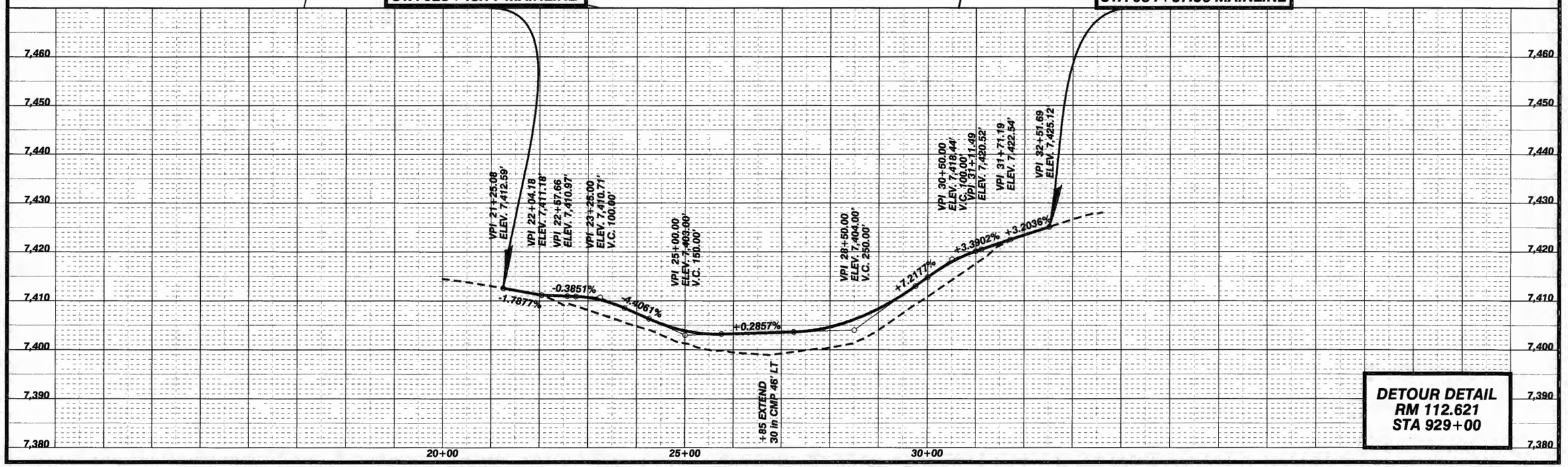
S 12° 00' 46.7" E
S 62° 51' 22.2" E
S 0° 36' 23.4" E

250'
250'

25' CONST. PERMIT
+05
+85

BEGIN WORK
STA 21+25.08 DETOUR
STA 923+43.77 MAINLINE

END WORK
STA 32+51.69 DETOUR
STA 934+57.56 MAINLINE



DETOUR DETAIL
RM 112.621
STA 929+00

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	8	57

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T 34 N, R 111 W

PI STA. 946+35.03
N = 1,207,889.8097
E = 2,627,098.2024
D = 0° 30' 00.0"
Δ = 6° 51' 00.0" (RT)
T = 685.82'
L = 1,370.00'
R = 11,459.16'

SEC 15 NESE BLM

SEC 14 NWSW BLM

SEC 14 SWSW BLM

SEC 23 NWNW

SEC 15 SESE BLM

SEC 22 NENE BOROFF LAND & LIVESTOCK

935+00 940+00 945+00 950+00 955+00 960+00

946+23.3, 36.7' LT
INLET TYPE M1

74 FT PIPE 24 in
SLOPE = 1.28%

941+21.9
57.7' RT

940+58.7
70.5' RT

941+85.6
48.5' RT

940+29.5
77.3' RT

942+49.7
43.0' RT

943+13.9
41.3' RT

PC 939+49.21

946+22.7, 38.0' RT
INLET TYPE M1

PT 953+19.21

250'

250'

S 12° 00' 46.7" E

S 5° 09' 46.7" E

BLM

BEGIN WORK
STA 942+39.69
N 1,208,275.7516
E 2,627,012.3126

END WORK
STA 952+32.57
N 1,207,293.0316
E 2,627,151.7957

EX. GRADE AT CL

EX. GRADE ABOVE PIPE

594 FT PIPE 24 in
SLOPE = 0.88%

940+29.5, 77.3' RT.
PIPE FE SECT 24 in
I.O. ELEV. 7428.2

946+22.7, 38.0' RT.
INLET TYPE M1
RIM ELEV. 7437.4
I.I. ELEV. 7433.5
I.O. ELEV. 7433.4

947+25
150' WIDE
OVERPASS
STRUCTURE

RM 112.275
STA 947+25
PROPOSED
OVERPASS

7,450 7,440 7,430 7,420 7,410 7,400 7,390

950+00

70+00

5+00

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	9	54

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STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	10	57

SEC 14
SWSW

T 34 N, R 111 W
SEC 23
NWNW
BLM

SWNW

955+00 960+00 965+00 970+00 975+00 980+00

250'

+91 +11

S 5° 09' 46.7" E

PT 953+19.21

SEC 15
SESE
BLM

00+ +07 +93 +50

25' CONST. PERMIT FOR DETOUR

SEC 22
NENE

BOROFF LAND & LIVESTOCK

PC 972+55.81

SENE
BLM

PI STA. 980+30.75
N = 1,204,506.2336
E = 2,627,403.9273
D = 0° 30' 00.0"
Δ = 6° 44' 30.0" (RT)
T = 674.95'
L = 1,348.33'
R = 11,459.16'

BEGIN WORK
STA 960+85.43
N 1,206,443.6622
E 2,627,228.8698

END WORK
STA 971+14.57
N 1,205,418.6977
E 2,627,321.4811

7,430 7,420 7,410 7,400 7,390 7,380 7,370 7,360 7,350

VPI 965+11.25
ELEV. 7,383.67'

VPI 966+14.01
ELEV. 7,381.19'
V.C. 205.52'

VPI 967+16.77
ELEV. 7,379.18'

-2.3345%
-2.4138%
-1.9575%
-1.7848%

964+40.00
ELEV. 7385.33'

966+00
SIMPLE SPAN BRIDGE

967+60.00
ELEV. 7378.41'

RM 111.920
STA 966+00
PROPOSED UNDERPASS

955+00 960+00 965+00 970+00 975+00 980+00

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	11	57

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SEC 14
SWSW
BLM

SEC 23
NWNW

PI STA. 37+81.29
N = 1,205,783.6326
E = 2,627,214.2057
D = 5° 43' 46.5"
Δ = 10° 27' 06.1" (LT)
T = 91.46'
L = 182.42'
R = 1,000.00'
e = NC

T 34 N, R 111 W

SEC 23
NWNW
BLM

PI STA. 41+88.71
N = 1,205,390.7636
E = 2,627,324.0051
D = 5° 43' 46.5"
Δ = 10° 27' 06.1" (RT)
T = 91.46'
L = 182.42'
R = 1,000.00'
e = MATCH EXISTING

SWNW

250'

250'

S 5° 17' 19.4" W

S 15° 39' 52.8" E

S 5° 09' 46.7" E

25' CONST. PERMIT FOR DETOUR

SEC 15
SESE
BLM

PC 30+00.60

PT 31+82.48

SEC 22
NENE
BOROFF LAND & LIVESTOCK

PC 34+07.42

PT 35+89.83

PC 36+89.83

PT 38+72.25

PC 40+97.25

PT 42+79.67

SENE
BLM

30+00

35+00

40+00

+00

+50

PI STA. 30+91.46
N = 1,206,471.5961
E = 2,627,226.3458
D = 5° 43' 46.5"
Δ = 10° 27' 06.1" (RT)
T = 91.46'
L = 182.42'
R = 1,000.00'
e = MATCH EXISTING

PI STA. 34+98.88
N = 1,206,065.4087
E = 2,627,188.7457
D = 5° 43' 46.5"
Δ = 10° 27' 06.1" (LT)
T = 91.46'
L = 182.42'
R = 1,000.00'
e = NC

BEGIN WORK
STA 31+07.19 DETOUR
STA 960+72.91 MAINLINE

END WORK
STA 41+62.91 DETOUR
STA 971+17.59 MAINLINE

7,430
7,420
7,410
7,400
7,390
7,380
7,370
7,360
7,350

VPI 31+07.19
ELEV. 7,395.88'

VPI 31+87.98
ELEV. 7,393.07'

VPI 32+52.34
ELEV. 7,390.81'

VPI 33+50.00
ELEV. 7,387.38'
V.C. 100.00'

VPI 35+50.00
ELEV. 7,372.75'
V.C. 300.00'

VPI 39+50.00
ELEV. 7,375.44'
V.C. 100.00'

VPI 40+26.46
ELEV. 7,374.73'

VPI 40+90.77
ELEV. 7,374.14'

VPI 41+62.91
ELEV. 7,373.02'

-3.4750%

-3.5155%

-1.3134%

+0.6718%

-0.9250%

-1.5458%

+36 EXTEND 24 in CMP 30' RT

30+00

35+00

40+00

DETOUR DETAIL
RM 111.920
STA 966+00

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	12	57

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SEC 29
NESE
BLM

T 34 N, R 110 W
SEC 28
SWSW
BLM

100' CONSTRUCTION PERMIT FOR FENCE REMOVAL

REMOVE EXISTING FENCE

SESE

SEVEN MILE RIVER RANCH OWNERS ASSN.

1225+00 | 1230+00 | 1235+00 | 1240+00 | 1245+00 | 1250+00

+93 | +02 | +98

25' CONST. PERMIT +80 +40

+50 25' CONST. PERMIT FOR DETOUR

+15 | +04

PC 1240+26.96

200'

400'

S 60° 37' 16.5" E

BLM

25' CONST. PERMIT +15 +75

+12 | +57 | +21

+71 | +42

KIRK, ROBERT

SWSE

BLM

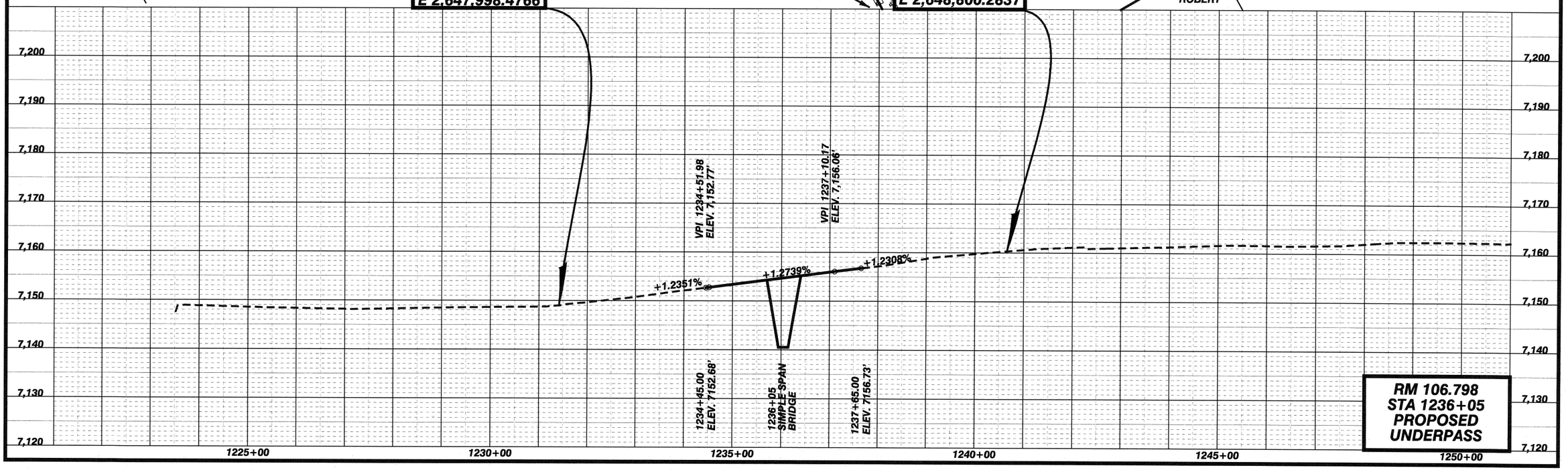
SCHATZ, DOUGLAS S. & JILL E.
T 34 N, R 110 W
SEC 33
NWNW

KIRK, ROBERT

BEGIN WORK
STA 1231+45.00
N 1,197,048.3672
E 2,647,998.4766

EXTEND DEER FENCE 641' SOUTH (SEE FENCE SHEETS)

END WORK
STA 1240+65.00
N 1,196,597.2537
E 2,648,800.2837



RM 106.798
STA 1236+05
PROPOSED UNDERPASS

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	13	57

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T 34 N, R 110 W

SEC 29
NESE
BLM

SESE

SEC 28
SWSW
BLM

SWSE

BLM

KIRK, ROBERT

SCHATZ, DOUGLAS S. & JILL E.

KIRK, ROBERT

SEVEN MILE RIVER RANCH OWNERS ASSN.

100' CONSTRUCTION PERMIT FOR FENCE REMOVAL

REMOVE EXISTING FENCE

25' CONST. PERMIT

25' CONST. PERMIT FOR DETOUR

25' CONST. PERMIT

200'

400'

PI STA. 40+91.46
N = 1,197,088.8488
E = 2,647,926.5710
D = 5° 43' 46.5"
Δ = 10° 27' 06.1" (LT)
T = 91.46'
L = 182.42'
R = 1,000.00'
e = MATCH EXISTING

PI STA. 52+14.54
N = 1,196,544.1265
E = 2,648,895.5399
D = 5° 43' 46.5"
Δ = 15° 09' 17.3" (LT)
T = 133.03'
L = 264.50'
R = 1,000.00'
e = MATCH EXISTING

PI STA. 44+98.88
N = 1,196,956.5328
E = 2,648,312.4394
D = 5° 43' 46.5"
Δ = 10° 27' 06.1" (RT)
T = 91.46'
L = 182.42'
R = 1,000.00'
e = NC

PI STA. 47+73.32
N = 1,196,821.6496
E = 2,648,552.0264
D = 5° 43' 46.5"
Δ = 9° 33' 21.0" (RT)
T = 83.58'
L = 166.78'
R = 1,000.00'
e = NC

PC 40+00.00
PT 41+82.42
PC 44+07.42
PT 45+89.83
PC 46+89.73
PT 48+56.51
PC 50+81.51
PT 53+46.01

40+00
45+00
50+00

+80
+40
+93
+98
+75
+15

S 71° 04' 22.8" E
S 60° 37' 16.5" E
S 51° 03' 35.5" E

BEGIN WORK
STA 41+33.79 DETOUR
STA 1231+04.41 MAINLINE

END WORK
STA 51+61.43 DETOUR
STA 1241+22.53 MAINLINE

DETOUR DETAIL
RM 106.798
STA 1236+05

VPI 41+33.79
ELEV. 7,148.57'

VPI 42+07.05
ELEV. 7,148.95'

VPI 42+74.57
ELEV. 7,148.40'

VPI 43+50.00
ELEV. 7,149.90'
V.C. 100.00'

VPI 45+00.00
ELEV. 7,146.90'
V.C. 150.00'

VPI 47+00.00
ELEV. 7,149.00'
V.C. 200.00'

VPI 48+50.00
ELEV. 7,157.00'
V.C. 100.00'

VPI 50+00.00
ELEV. 7,157.99'

VPI 50+10.50
ELEV. 7,158.09'

VPI 50+79.71
ELEV. 7,158.74'

7,160.03

+0.5209%
+0.6641%
-2.6006%
+1.5000%
+5.3339%
+0.6600%
+0.9440%

+54 EXTEND
24 in CMP 18' LT

7,200
7,190
7,180
7,170
7,160
7,150
7,140
7,130
7,120

40+00
45+00
50+00
55+00

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	14	57

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PI STA. 1250+59.57
N = 1,196,109.1162
E = 2,649,666.8249
D = 2° 00' 00.0"
Δ = 39° 38' 36.1" (LT)
T = 1,032.61'
L = 1,982.17'
R = 2,864.79'

T 34 N, R 110 W
SEC 28
SESW
BLM

SWSE
BLM

30' CONSTRUCTION PERMIT FOR FENCE REMOVAL

REMOVE ALL EXISTING FENCE NOT ON RIGHT-OF-WAY

150' CONSTRUCTION PERMIT FOR FENCE REMOVAL

1250+00 1255+00 1260+00 1265+00 1270+00 1275+00

400'

+27 +99 +12 +98 +21 +86

PT 1260+09.13
POT 1260+98.89
PC 1268+73.70

N 79° 44' 07.4" E
N 79° 44' 07.4" E

EQUATION:
Sta 1260+99.30 BK =
Sta 1260+98.89 AHD

SEC 33
NENW
SCHATZ, DOUGLAS S. & JILL E.

NWNE
BLM

BLM

+66 388.71 RT

30' CONSTRUCTION PERMIT FOR FENCE REMOVAL NOT ON RIGHT-OF-WAY

BEGIN WORK
STA 1258+45.00
N 1,196,268.5168
E 2,650,520.6621

END WORK
STA 1267+65.00
N 1,196,427.8878
E 2,651,427.0905

VPI 1261+80.53
ELEV. 7,178.99'
VPI 1262+30.80
ELEV. 7,181.15'
VPI 1262+70.00
ELEV. 7,182.95'

+4.0304% +4.2964% +4.5796% +4.8523%

1261+45.00
ELEV. 7177.56'

1263+05
SIMPLE SPAN
BRIDGE

1264+65.00
ELEV. 7192.41'

RM 106.287
STA 1263+05
PROPOSED
UNDERPASS

7,230 7,220 7,210 7,200 7,190 7,180 7,170 7,160 7,150

1250+00 1255+00 1260+00 1265+00 1270+00 1275+00

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	15	57

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T 34 N, R 110 W

SEC 28
SESW
BLM

PI STA. 50+61.59
N = 1,196,259.0361
E = 2,650,438.9876
D = 5° 43' 46.5"
Δ = 7° 02' 54.9" (RT)
T = 61.59'
L = 123.02'
R = 1,000.00'
e = MATCH EXISTING

PI STA. 54+63.79
N = 1,196,238.3830
E = 2,650,840.8106
D = 5° 43' 46.5"
Δ = 13° 12' 25.0" (LT)
T = 115.77'
L = 230.50'
R = 1,000.00'
e = NC

PI STA. 57+46.07
N = 1,196,288.8665
E = 2,651,119.5819
D = 5° 43' 46.5"
Δ = 11° 09' 53.1" (LT)
T = 97.74'
L = 194.86'
R = 1,000.00'
e = NC

SWSE
BLM

PI STA. 61+73.85
N = 1,196,445.3864
E = 2,651,518.3721
D = 5° 43' 46.5"
Δ = 12° 03' 49.3" (RT)
T = 105.67'
L = 210.55'
R = 1,000.00'
e = MATCH EXISTING

150' CONSTRUCTION PERMIT FOR FENCE REMOVAL

400'

400'

S 87° 03' 27.8" E

N 79° 44' 07.4" E

N 88° 34' 14.8" E

PC 50+90.00

PT 51+23.02

PC 53+48.02

PT 55+86.53

PC 56+48.33

PT 58+43.19

PC 60+68.19

PT 62+78.74

50+00

55+00

60+00

SEC 33
NENW
SCHATZ, DOUGLAS S. & JILL E.

NWNE
BLM

BLM

+66
388.71 RT

BEGIN WORK
STA 51+16.01 DETOUR
STA 1258+14.77 MAINLINE

END WORK
STA 60+95.67 DETOUR
STA 1267+81.31 MAINLINE

VPI 51+16.01
ELEV. 7,167.55'

VPI 52+46.63
ELEV. 7,171.33'

VPI 53+15.00
ELEV. 7,173.31'
V.C. 100.00'

VPI 55+50.00
ELEV. 7,169.20'
V.C. 350.00'

VPI 59+25.00
ELEV. 7,198.85'
V.C. 100.00'

VPI 59+86.00
ELEV. 7,202.22'

VPI 60+40.48
ELEV. 7,205.23

7,207.96

+2.8939%

-1.7483%

+7.9073%

+5.5205%

+4.9509%

+94 EXTEND
30 in CMP 28' RT

7,230
7,220
7,210
7,200
7,190
7,180
7,170
7,160
7,150

50+00
55+00
60+00
65+00

DETOUR DETAIL
RM 106.287
STA 1263+05

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	16	54

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PI STA. 1281+70.16
N = 1,196,678.2803
E = 2,652,809.7648
D = 1° 00' 00.0"
Δ = 25° 29' 59.4" (RT)
T = 1,296.46'
L = 2,549.99'
R = 5,729.58'

SEC 28
BLM
SESE

T 34 N, R 110 W
SEC 27
SWSW

REMOVE ALL EXISTING FENCE NOT ON RIGHT-OF-WAY

125' CONSTRUCTION PERMIT FOR FENCE REMOVAL

REMOVE ALL EXISTING FENCE NOT ON RIGHT-OF-WAY

PATRICK, JESSE J. & DEETTA J.

WITTLIEF, KRISTOPHER & KATRINA

CULWELL, DANNY J. & JUDY E.

WYO 352

1280+00 +36

1285+00 +10 +32

1290+00 +74 +98

1295+00 +52

1300+00 +90

1305+00 +50 +54

400'

300'

S 74° 45' 53.2" E

PT 1294+23.69

+71

+64

+42

+33

+14

+00

BLM
REMOVE ALL EXISTING FENCE NOT ON RIGHT-OF-WAY

BEGIN WORK
STA 1287+84.38
N 1,196,470.8647
E 2,653,435.7432

NENE
SEC 33

NWNW

160' CONSTRUCTION PERMIT FOR FENCE REMOVAL

END WORK
STA 1293+32.44
N 1,196,360.8681
E 2,653,972.4382

SEC 34
BLM

COUNTY RD. 110

100'

FALLON, DAVID W. & RANEY, JEANNE M.

NENW

AGUIRRE, CAROLINA

7,290
7,280
7,270
7,260
7,250
7,240
7,230

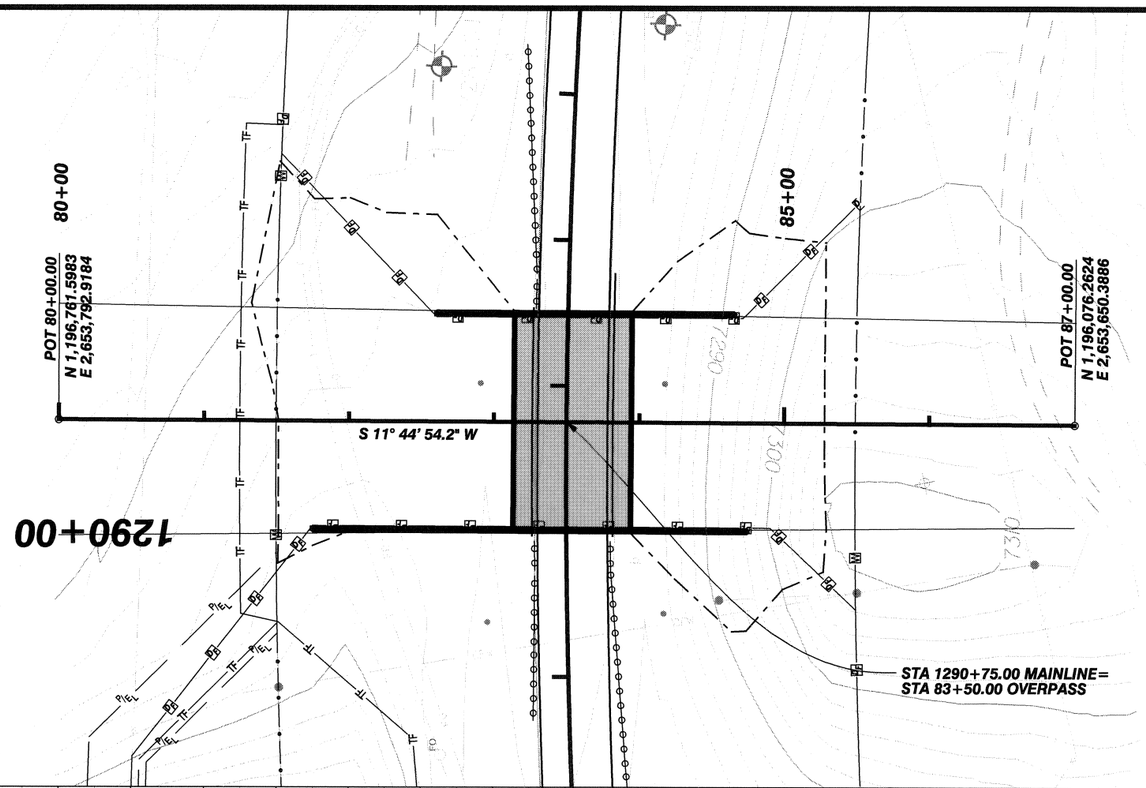
+01 EXISTING RC BOX

1290+75
150' WIDE
OVERPASS
STRUCTURE

RM 105.762
STA 1290+75
PROPOSED
OVERPASS

1280+00 1285+00 1290+00 1295+00 1300+00 1305+00

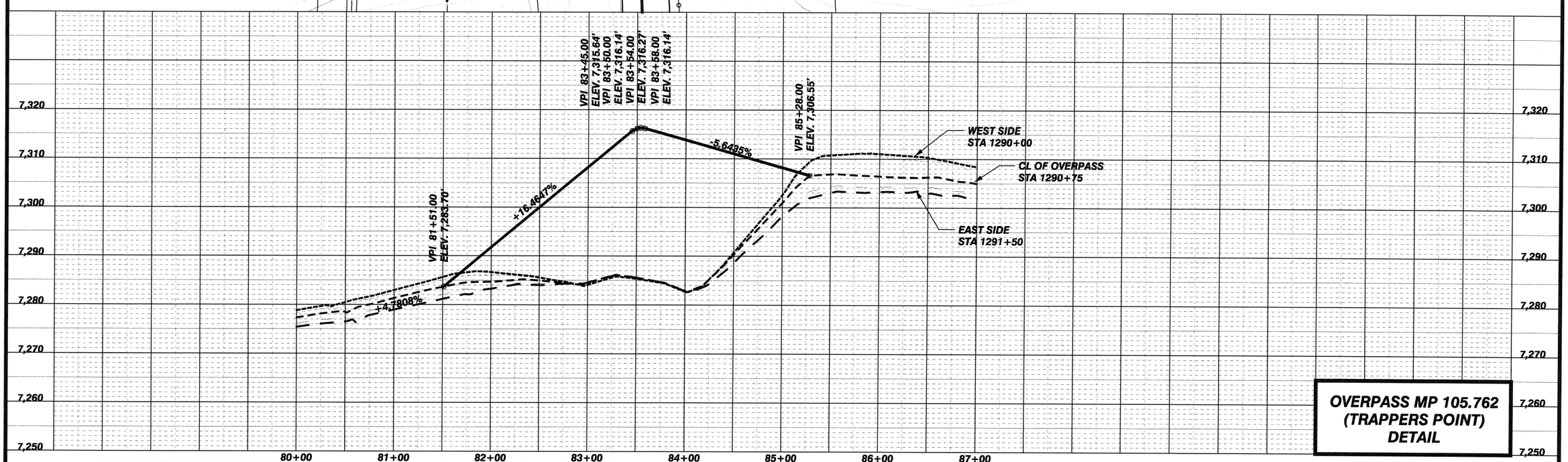
STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	17	54



EAST CROSS SECTION

CL CROSS SECTION

WEST CROSS SECTION



OVERPASS MP 105.762 (TRAPPERS POINT) DETAIL

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	18	57

FENN, WILLIAM M.

STEARNS, TODD C. 5

MCCARTY, EDWIN J.& DOROTHY L, TRUSTEES 4

HAUB, ERIVAN, TRUSTEE 3

NOBLE, GREG J. & PEGGY MITCHEL 2

1 SAXTON, CODY W. & CATHLEEN A.

TYLER 2ND SUBDIVISION

SAYLOR, SCOTT 7

6 HOLLIBAUGH, KURT J. & MONICA L.

FENN, WILLIAM M.
NENW

BLM

T 34 N, R 110 W
SEC 35
SWNE

PI STA. 1360+00.89
N = 1,194,610.4290
E = 2,660,406.6203
D = 0° 15' 00.0"
Δ = 2° 00' 49.8" (RT)
T = 402.81'
L = 805.53'
R = 22,918.31'

PI STA. 1376+66.69
N = 1,194,116.8057
E = 2,661,997.6867
D = 2° 00' 00.0"
Δ = 22° 23' 19.5" (LT)
T = 566.95'
L = 1,119.44'
R = 2,864.79'

1355+00 1360+00 1365+00 1370+00 1375+00 1380+00

PT 1362+16.18

50' CONST. PERMIT

PC 1370+99.74

+45 +50 +02 +72 +59 +71 +58

S 72° 45' 49.2" E

300' 335'

PC 1355+98.09

PT 1364+03.62

BLM
SENW

SWNW

BEGIN WORK
STA 1360+05.00
N 1,194,605.8705
E 2,660,409.6149

END WORK
STA 1369+25.00
N 1,194,336.5785
E 2,661,289.3063

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7,270
7,260
7,250
7,240
7,230
7,220
7,210
7,200
7,190

VPI 1363+38.95
ELEV. 7,235.35'

VPI 1365+77.03
ELEV. 7,236.75'

+0.5020%

+0.5872%

+0.5142%

1363+05.00
ELEV. 7235.18'

1364+65
SIMPLE SPAN
BRIDGE

1366+25.00
ELEV. 7236.99'

RM 104.363
STA 1364+65
PROPOSED
UNDERPASS

1355+00 1360+00 1365+00 1370+00 1375+00 1380+00

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	19	57

FENN, WILLIAM M.

STEARNS, TODD C. 5

MCCARTY, EDWIN J.& DOROTHY L, TRUSTEES 4

HAUB, ERIVAN, TRUSTEE 3

NOBLE, GREG J. & PEGGY MITCHEL 2

1 SAXTON, CODY W. & CATHLEEN A.

TYLER 2ND SUBDIVISION

SAYLOR, SCOTT 7

6 HOLLIBAUGH, KURT J. & MONICA L.

FENN, WILLIAM M.
NENW
PI STA. 65+00.29
N = 1,194,448.0667
E = 2,660,686.9675
D = 5° 43' 46.5"
Δ = 9° 32' 15.2" (LT)
T = 83.42'
L = 166.46'
R = 1,000.00'
e = NC

PI STA. 68+22.94
N = 1,194,352.3461
E = 2,660,995.4978
D = 5° 43' 46.5"
Δ = 10° 15' 51.8" (LT)
T = 89.81'
L = 179.15'
R = 1,000.00'
e = NC

T 34 N, R 110 W
SEC 35
SWNE
BLM

PI STA. 72+23.45
N = 1,194,303.6782
E = 2,661,393.5178
D = 5° 43' 46.5"
Δ = 9° 51' 00.5" (RT)
T = 86.17'
L = 171.92'
R = 1,000.00'
e = MATCH EXISTING

+02 +50

50' CONST. PERMIT

300'

335'

S 83° 13' 34.0" E

S 72° 45' 40.2" E

S 83° 01' 41.0" E

PC 60+00.00

PT 61+91.87

PC 64+16.87

PT 65+83.33

PC 67+33.13

PT 69+12.28

PC 71+37.28

PT 73+09.19

60+00

65+00

70+00

PI STA. 60+96.23
N = 1,194,630.3509
E = 2,660,325.6971
D = 5° 43' 46.5"
Δ = 10° 59' 35.5" (RT)
T = 96.23'
L = 191.87'
R = 1,000.00'
e = MATCH EXISTING

BLM
SENW

"Coordinates are based on the Wyoming Coordinate System NAD 83/93, Wyoming West Zone, and have been multiplied by a project factor of: 1.000408692. 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."

BEGIN WORK
STA 61+33.62 DETOUR
STA 1359+54.63 MAINLINE

END WORK
STA 71+84.47 DETOUR
STA 1369+93.11 MAINLINE

VPI 61+33.62
ELEV. 7,233.88'

VPI 62+06.38
ELEV. 7,233.55'

VPI 62+71.06
ELEV. 7,233.41'

VPI 63+25.00
ELEV. 7,233.29'

VPI 68+00.00
ELEV. 7,233.00'
V.C. 100.00'

VPI 69+36.00
ELEV. 7,236.30'
V.C. 50.00'

VPI 70+42.88
ELEV. 7,237.38'

VPI 71+10.49
ELEV. 7,238.14'

VPI 71+84.47
ELEV. 7,238.96'

-0.4556%
-0.2142%
-0.0620%
+2.4265%
+1.0105%
+1.1177%
+1.1142%

+67 EXTEND 54 in CMP 50' RT

7,270
7,260
7,250
7,240
7,230
7,220
7,210
7,200
7,190

62+00 64+00 66+00 68+00 70+00 72+00

DETOUR DETAIL
RM 104.363
STA 1364+65

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	20	57

900+00

905+00

PAY LENGTH=105.0'

9 SPACES @ 6'=54.0'

899+20.92

900+75.00

901+95.00

904+02.79

PAY LENGTH = 159.0'

BOX BEAM END TERM (WY-BET)

49.1'

51.0'

TRANSITION SECTION

30:1 FLARE

18 SPACES @ 6'=108.0'

15:1 FLARE

23.4'

20.0'

30.5'

898+67.21

903+49.08

PAY LENGTH = 159.0'

PAY LENGTH=105.0'

GUARDRAIL DETAIL
RM 113.144
STA 901+35

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	21	57

925+00

930+00

PAY LENGTH=105.0

9 SPACES @ 6'=54.0'

926+85.92

928+40.00

929+60.00

PAY LENGTH=159.0'

931+67.79

BOX BEAM END TERM (WY-BET)

49.1'

51.0'

30:1 FLARE

TRANSITION SECTION

51.0'

18 SPACES @ 6' = 108'

49.1'

15:1 FLARE

BOX BEAM END TERM (WY-BET)

23.4'

20.0'

20.0'

20.0'

20.0'

30.5'

30.5'

23.4'

BOX BEAM END TERM (WY-BET)

49.1'

15:1 FLARE

18 SPACES @ 6' = 108.0'

51.0'

TRANSITION SECTION

926+32.21

928+40.00

PAY LENGTH=159.0'

51.0'

TRANSITION SECTION

30:1 FLARE

49.1'

BOX BEAM END TERM (WY-BET)

929+60.00

931+14.08

9 SPACES @ 6'=54.0'

PAY LENGTH=105.0'

7400

7400

7390

GUARDRAIL DETAIL
RM 112.621
STA 929+00

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	22	57

945+00

950+00

7470

7460

7480

7490

PAY LENGTH=78.0'

9 SPACES @ 6'=54'

945+20.30

946+23.19

946+47.15

948+02.85

948+26.81

PAY LENGTH=132.0'

949+83.14

TRANSITION SECTION FROM BARRIER TO GUARDRAIL

24.0' 18.0' 18.0' 12 SPACES @ 6'=72' 49.1'

49.1'

24.0'

BOX BEAM END TERM (WY-BET)

50:1 FLARE

15:1 FLARE

24.6'

22.0'

22.0'

22.0'

22.0'

34.3'

31.3'

CONCRETE SHOULDER BARRIER INSIDE STRUCTURE

23.5'

15:1 FLARE

50:1 FLARE

BOX BEAM END TERM (WY-BET)

49.1' 12 SPACES @ 6'=72' 18.0' 18.0' 24.0'

24.0' 49.1'

BOX BEAM END TERM (WY-BET)

TRANSITION SECTION FROM BARRIER TO GUARDRAIL

944+65.58

946+22.80

946+46.85

948+03.15

948+27.20

949+30.53

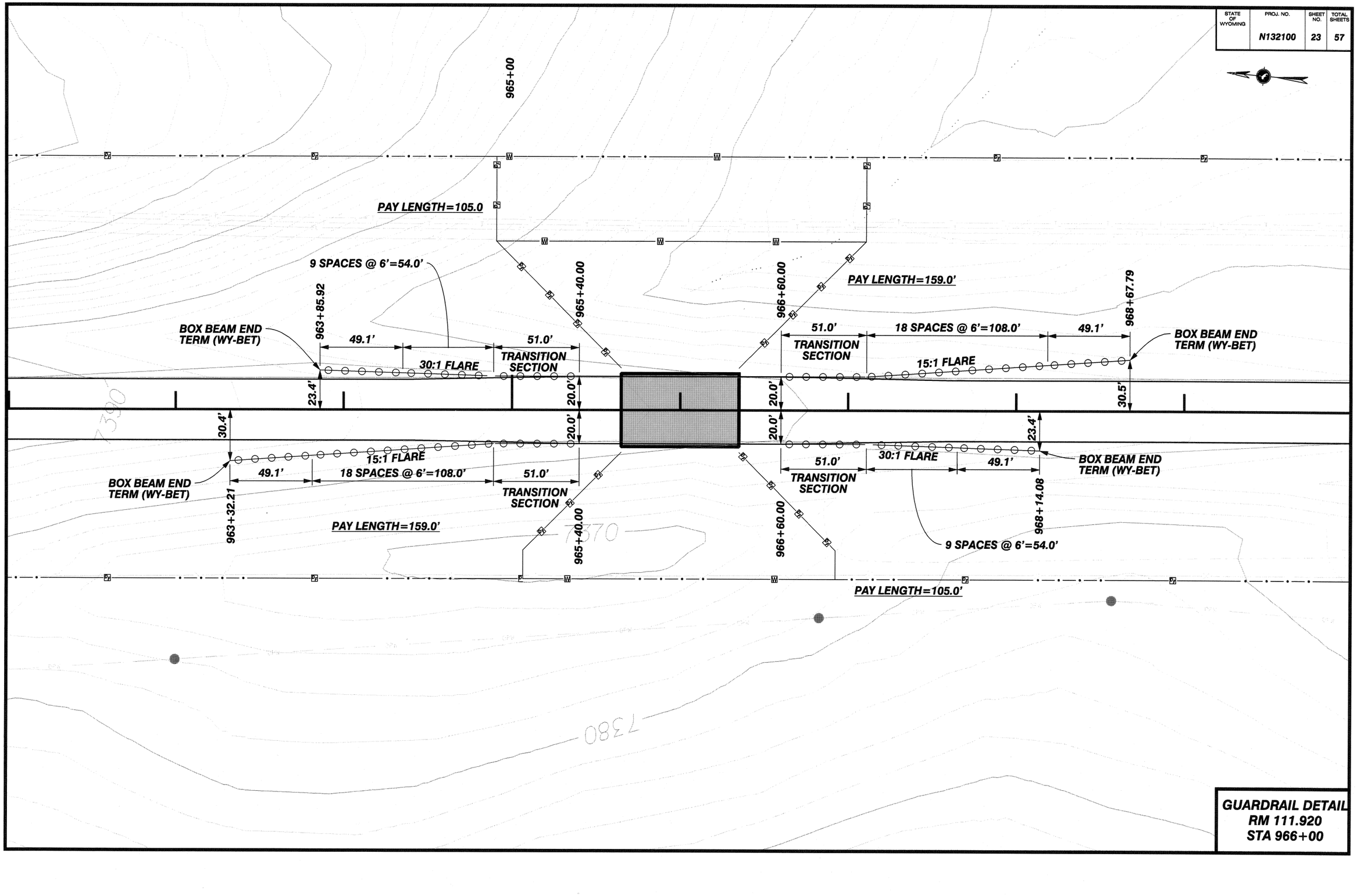
PAY LENGTH=132.0'

9 SPACES @ 6'=54'

PAY LENGTH=78.0'

GUARDRAIL DETAIL
RM 112.275
STA 947+25

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	23	57



GUARDRAIL DETAIL
RM 111.920
STA 966+00

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	24	57

1235+00

1240+00

PAY LENGTH=105.0

9 SPACES @ 6'=54.0'

1233+90.92

1235+45.00

1236+64.97

PAY LENGTH=159.0'

1238+72.79

BOX BEAM END TERM (WY-BET)

49.1'

51.0'

TRANSITION SECTION

30:1 FLARE

23.4'

20.0'

20.0'

51.0'

18 SPACES @ 6'=108.0'

49.1'

TRANSITION SECTION

15:1 FLARE

30.5'

BOX BEAM END TERM (WY-BET)

30.5'

20.0'

20.0'

20.0'

23.4'

BOX BEAM END TERM (WY-BET)

15:1 FLARE

49.1'

18 SPACES @ 6'=108.0'

51.0'

TRANSITION SECTION

51.0'

30:1 FLARE

49.1'

TRANSITION SECTION

1233+37.21

PAY LENGTH=159.0'

1235+45.00

1236+65.00

9 SPACES @ 6'=54.0'

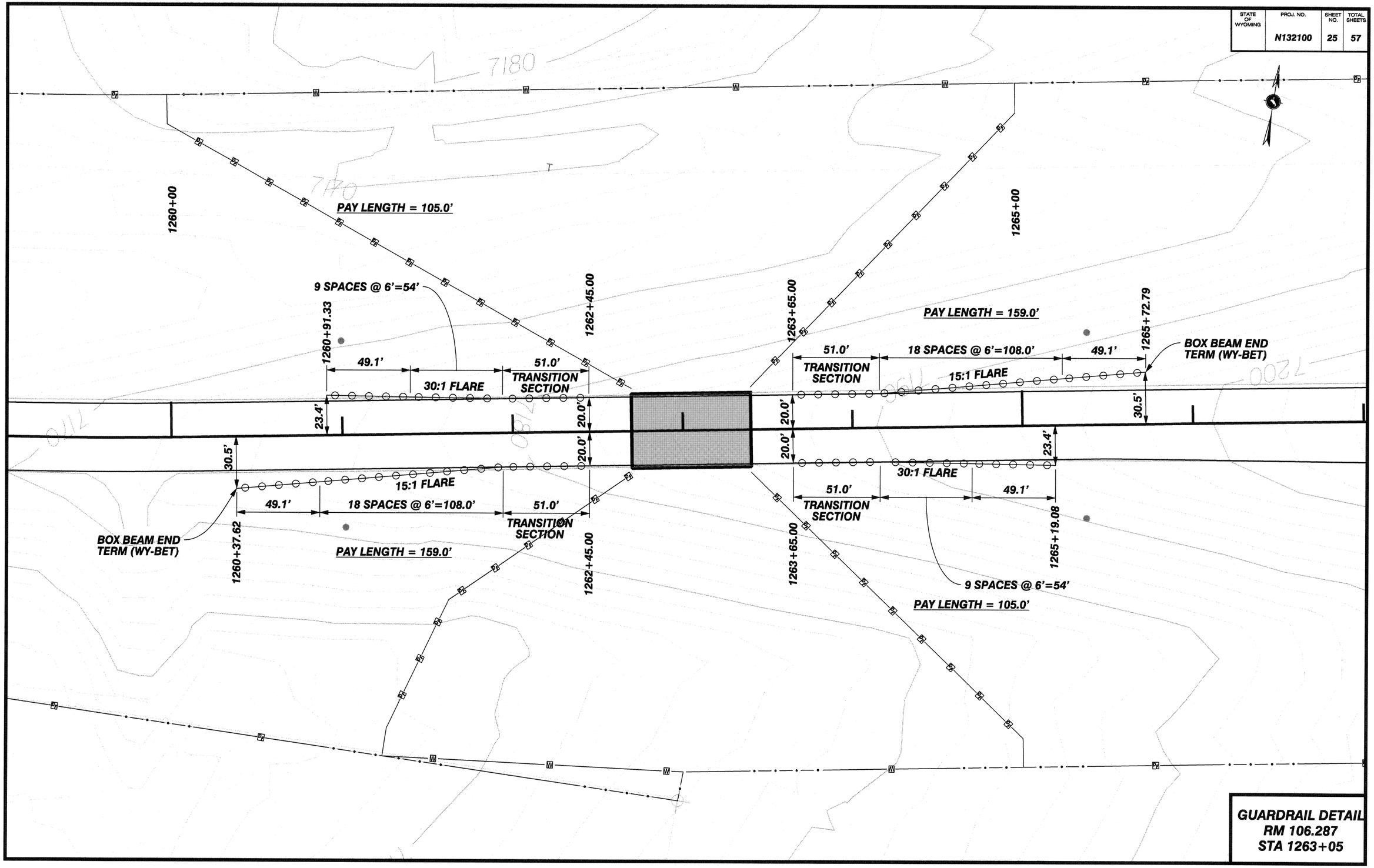
1238+19.08

PAY LENGTH=105.0'

7160

GUARDRAIL DETAIL
RM 106.798
STA 1236+05

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	25	57



GUARDRAIL DETAIL
RM 106.287
STA 1263+05

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	26	57

1290+00

7300

7290

PAY LENGTH=78.0'

9 SPACES @ 6' = 54.0'

1288+70.72

49.1'

BOX BEAM END TERM (WY-BET)

50:1 FLARE

1289+73.39

24.0'

1289+97.30

TRANSITION SECTION FROM BARRIER TO GUARDRAIL

1291+52.70

24.0'

1291+76.61

PAY LENGTH=132.0'

18 SPACES @ 6'=108.0'

49.1'

1293+32.48

BOX BEAM END TERM (WY-BET)

15:1 FLARE

22.0'

30.0'

CONCRETE SHOULDER BARRIER INSIDE STRUCTURE

34.6'

30.0'

15:1 FLARE

27.0'

END SHOULDER BARRIER

BOX BEAM END TERM (WY-BET)

49.1'

23 SPACES @ 6'=138.0'

24.0'

TRANSITION SECTION FROM BARRIER TO GUARDRAIL

1291+77.54

1287+84.41

PAY LENGTH=162.0'

1289+72.46

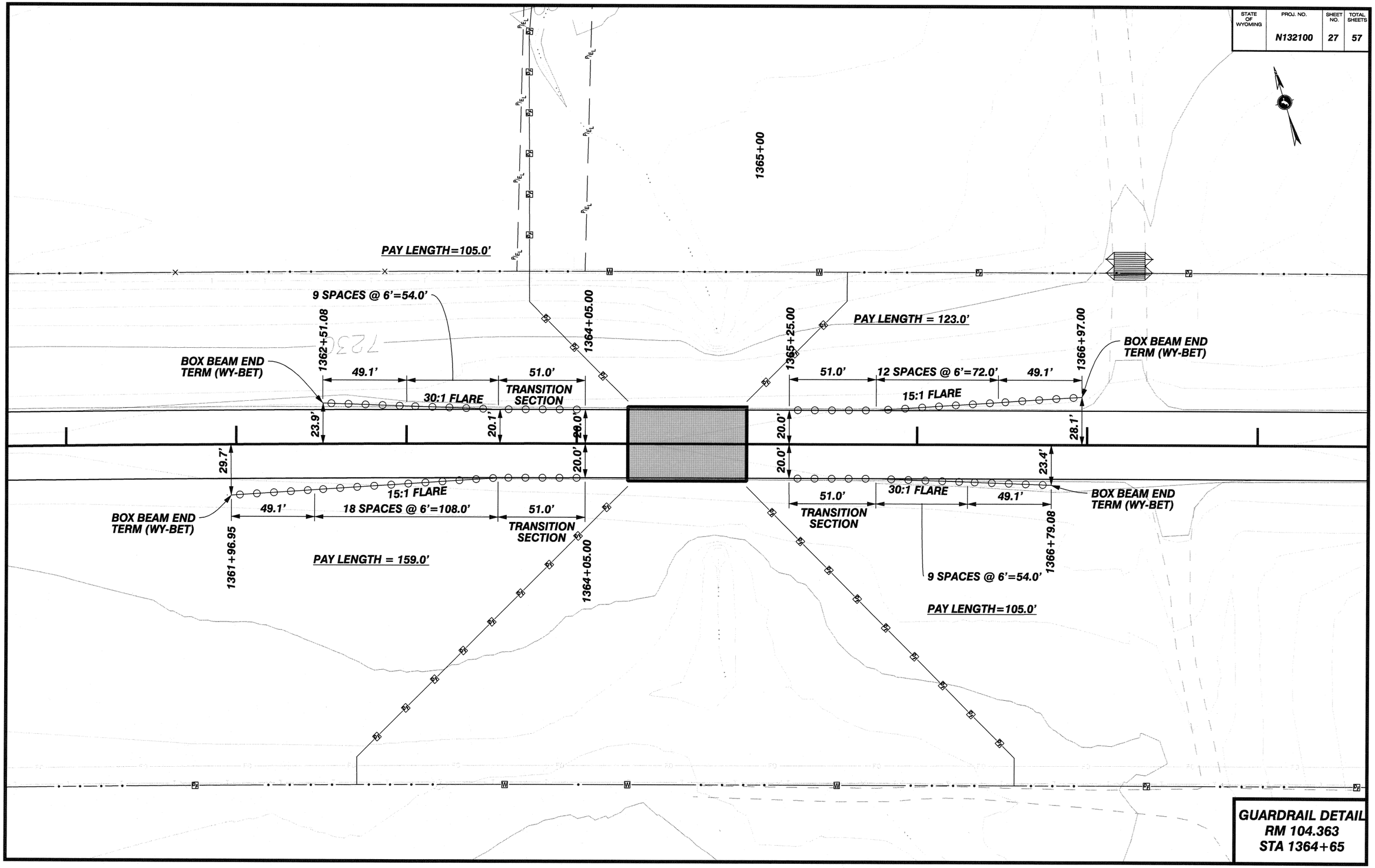
1289+96.59

7290

7300

GUARDRAIL DETAIL
RM 105.762
STA 1290+75

STATE OF WYOMING	PROJ. NO.	SHEET NO.	TOTAL SHEETS
	N132100	27	57



GUARDRAIL DETAIL
RM 104.363
STA 1364+65