

PLANS

NOT

TO

SCALE

STATE	RIGHT OF WAY	SHEET NO.	TOTAL SHEETS
MONTANA		1	5
R/W ID.		BR 5802(16)	
UNIFORM PROJECT NO.		7261-016-000	

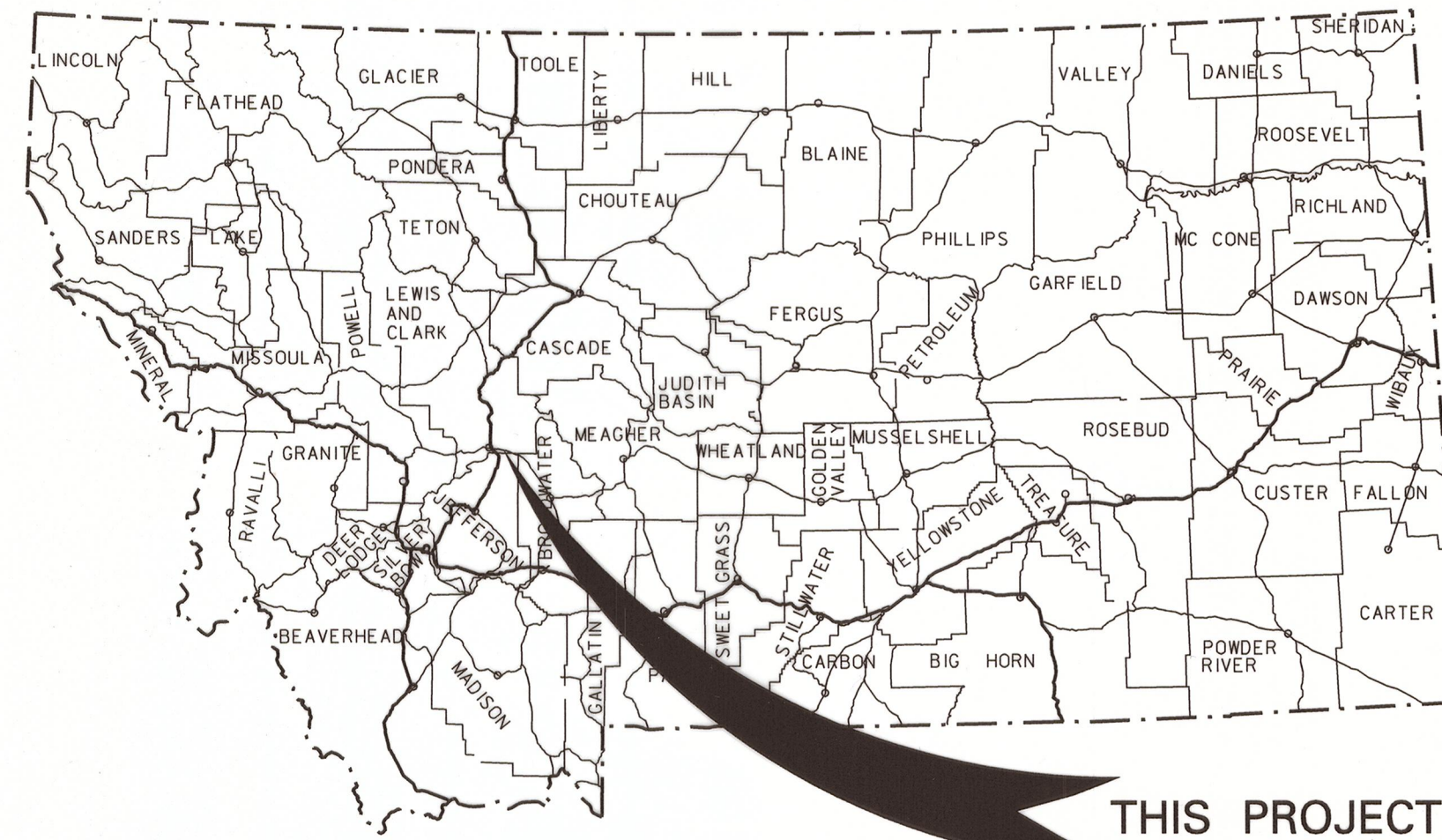
HLNA VALLEY CANAL BR-CUSTER AV

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN FEDERAL AID PROJECT NO. BR 5802(16) HLNA VALLEY CANAL BR-CUSTER AV LEWIS AND CLARK COUNTY

LENGTH 0.4 MILES

SEE SHEET NO. 2 FOR OWNERSHIP
NAMES, ADDRESSES, AREAS, ETC.



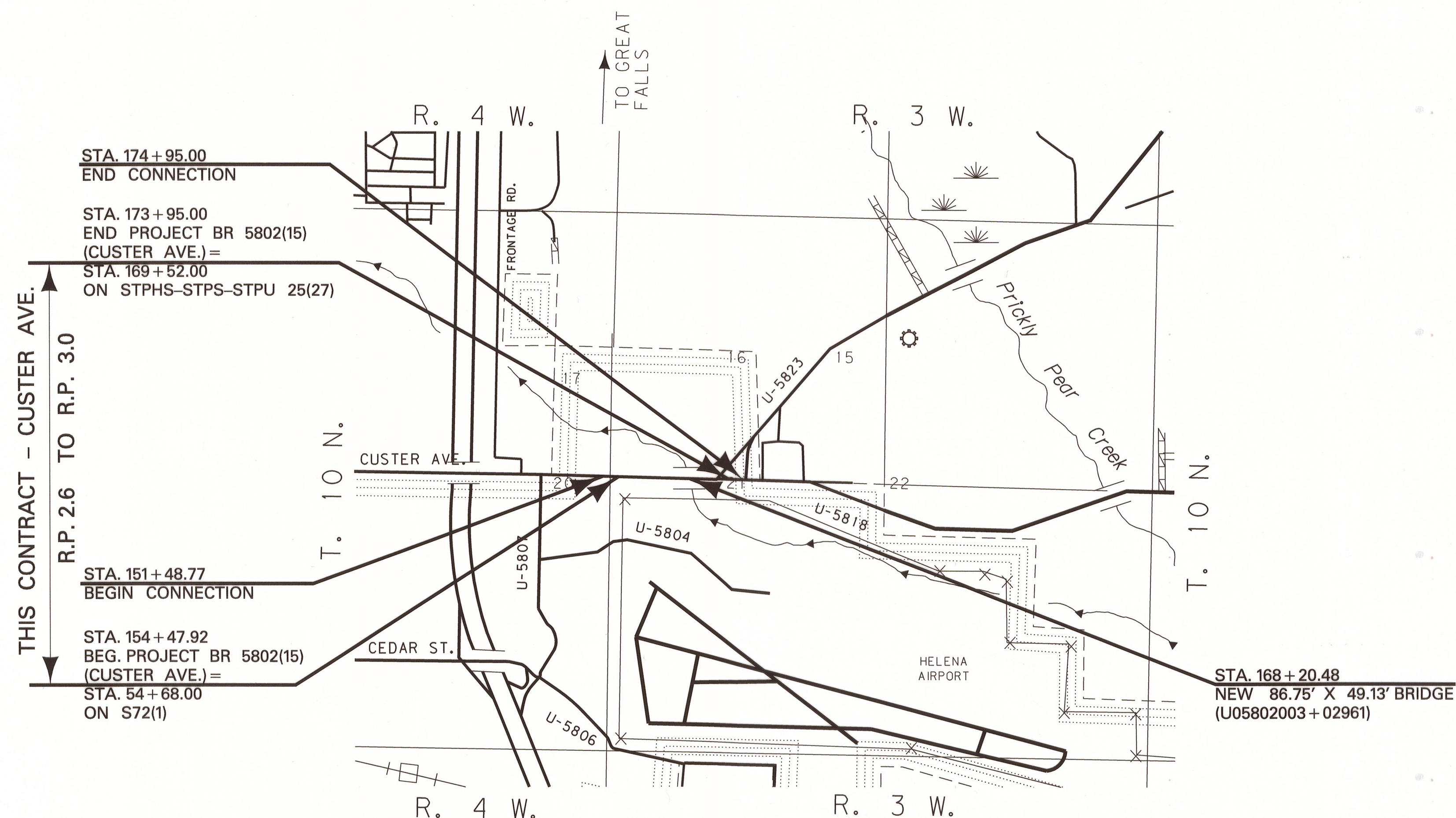
THIS PROJECT

PLAN LEGEND

CITY LIMIT	
PROPOSED RIGHT OF WAY LINE	
EXISTING RIGHT OF WAY LINE	
RAILROAD RIGHT OF WAY LINE	
RIGHT OF WAY BASELINE	
STK'D CENTERLINE	
SECTION LINE	
OWNERSHIP BOUNDARY	
FULL ACCESS CONTROL	
LIMITED ACCESS CONTROL	
EXISTING ACCESS CONTROL	
PRESENT TRAVELED WAY (P.T.W.)	
FENCE LINE	
EXISTING GUARDRAIL	
PROPOSED GUARDRAIL	
GATE IN FENCE	
CATTLE GUARD: EXIST. - PROPOSED	
SECTION CORNER	
1/4 SECTION CORNER	
CLOSING CORNER	
MEANDER CORNER	
CENTER OF SECTION	
1/16 SECTION CORNER FOUND	
RIGHT OF WAY MONUMENT	
PROPERTY CORNER PIN	
POWER POLE IN PLACE	
TELEPHONE POLE IN PLACE	
TELEGRAPH POLE IN PLACE	
LIGHT POLE	
PROPOSED CULVERT	
EXISTING CULVERT	
OUTLET DITCH	
INLET DITCH	
EXISTING DITCH	
CHANNEL CHANGES	
DITCH BLOCK	
RIPRAP	
BRIDGES	
RAILROADS	
PARCEL NUMBERS	
APPROACH: EXIST.-PROPOSED	

ASSOCIATED PROJECTS
BR 5802(15) P.E.

RELATED PROJECTS
S72(1)
STPHS 430-1(4)1

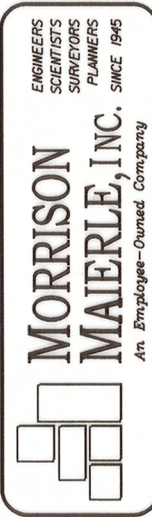


CONSTRUCTION LIMITS	MAP REVISED 3-7-11
CUT SECTION	
TRANSITION	
TOE OF FILL	
BACKSLOPE LIMITS	
INCLUDE ROUNDING	
	FHWA/MDT APPROVAL 1-26-11
3	MDTA MONTANA DEPARTMENT OF TRANSPORTATION
2	c:\dgm\7261000\rotl1201.dgn
1	9/6/2013
	10:11:53 AM CPS-U0034

GRID STATE PLANE COORDINATES

THIS IS A STATE PLANE COORDINATE PROJECT. ALL DIMENSIONS, DISTANCES AND AREAS ON THIS PROJECT ARE GRID, EXCEPT FOR THE EXISTING R/W WIDTH DIMENSION, WHICH IS RECORD.
THE COMBINATION SCALE FACTOR IS 0.99923335

FOR EXISTING R/W RETRACEMENT, SEE
C.O.S. No. 3201914



OWNERSHIP											
PARCEL	NAME	ADDRESS	TOTAL AREA	GROSS R/W AREA	EX. EASE. AREA	NET AREA	REMAINDER		CONST. PMT. AREA	EASEMENT AREA	SHEET NO.
							LEFT	RIGHT			
1	CITY OF HELENA, MONTANA, A MUNICIPAL CORP.	316 NORTH PARK AVE., HELENA, MT 59623	39.240 AC	7,293 SF		7,293 SF	39.073 AC				3
2	NPNK, LLC	1000 STRAWBERRY DR., HELENA, MT 59601	16.300 AC	3,111 SF		3,111 SF	16.229 AC				3
3	HELENA REGIONAL AIRPORT AUTHORITY	2850 SKYWAY DR., HELENA, MT 59602	160+ AC	111,608 SF	53,785 SF	57,823 SF		160+ AC			3-5
4	CITY OF HELENA, MONTANA, A MUNICIPAL CORP.	316 NORTH PARK AVE., HELENA, MT 59623	OWNER	NOTIFICATION	ONLY						4
5	LICHTWARDT ENTERPRISES, LLC	950 THARP RD STE 202, YUBA CITY, CA 95993	OWNER	NOTIFICATION	ONLY						4,5
6	BUREAU OF RECLAMATION		NEGOTIATION	ONLY							4

STATE	RIGHT OF WAY	SHEET	TOTAL
MONTANA		NO.	SHEETS
		2	5
R/W ID.		BR 5802(16)	
UNIFORM PROJECT NO.		7261-016-000	

HLNA VALLEY CANAL BR-CUSTER AV

RIGHT-OF-WAY COORDINATE ASCII FILES

R/W BREAK COORDS: 7261000ROBRKZ01.TXT

R/W BASELINE COORDS: 7261000ROBASZ01.TXT

ALL FILES ARE LOCATED ON THE CADD SERVER IN THE RO DIRECTORY, UNDER PROJECT: 7261000

CONSTRUCTION LIMITS		MAP REVISED 3-7-11 4-13-11 6-9-11	
CUT SECTION			
TRANSITION			
TOE OF FILL			
BACKSLOPE LIMITS INCLUDE ROUNDING		FHWA/MDT APPROVAL 1-26-11	
3	MDTA MONTANA DEPARTMENT OF TRANSPORTATION	c:\dgn\7261000roownz01.dgn	
2		9/8/2013	
1		10:12:00 AM CPS-U0034	

NOTES:
1. THE PROPOSED R/W LINE WHERE A SPIRAL CURVE TRANSITION IS USED IS A CHORD RATHER THAN A CONCENTRIC CURVE.
2. ALL STATIONS AND OFFSETS FOR R/W BREAKS ARE IN REFERENCE TO THE R/W BASELINE.

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MONTANA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
LEWIS AND CLARK COUNTY

STATE	RIGHT OF WAY	SHEET	TOTAL
		NO.	SHEETS
MONTANA		3	5
R/W ID.		BR 5802(16)	
UNIFORM PROJECT NO. 7261-016-000			
HLNA VALLEY CANAL BR-CUSTER AV			

SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

SE⁴ SE⁴
SEC. 17

C.O.S. 3137037

TRACT 1

40' GAS
LINE EASE.

R/W = SECT. LINE
153+07.91
105'

R/W 152+75
105'

EX. R/W = R/W
151+45
BEG. ACQUISITION LT
EX. R/W

POT 153+07.46 IS S 1°11'23" W
5.16' FROM THE NE CORNER
OF SECTION 20. (FND 2" A.C.)

ACCESS
EASEMENT.

PROP. LINE = R/W
105'

R/W = EX. EASE.
154+55 R/W
49.97'
END ACQUISITION LT

VARIOUS
UTILITY
EASEMENTS

EX. EASE.

SW⁴ SW⁴
SEC. 16

C.O.S. 3069987

TRACT 1

2

EX. EASE.

CUSTER AVE.

S 88° 44' 24" E

EX. R/W = R/W
152+30
BEG. ACQUISITION RT

R/W 152+74
159'

R/W = EX. EASE.
153+07.66
159' (CALC.)

EX. EASE. = R/W
153+37.64
159'
FND. R/W MON.

153+77 R/W
65'

STA 151+48.77
BEGIN CONNECTION
DOC. NO. 553573E
PARCEL D

NE⁴ NE⁴
SEC. 20

STA 154+47.92
BEGIN PROJECT BR 5802(15)
(CUSTER AVE.)

C.O.S. 528939/B

NW⁴ NW⁴
SEC. 21

POT 153+07.46 IS N 1°11'23" E
2,665.8' FROM THE E 1/4 CORNER
OF SECTION 20. (CALC.)

CONSTRUCTION LIMITS		MAP REVISED 3-7-11	
CUT SECTION	TOP OF CUT		
TRANSITION			
TOE OF FILL			
BACKSLOPE LIMITS INCLUDE ROUNDING			
FHWA/MDT APPROVAL 1-26-11			
MDT MONTANA DEPARTMENT OF TRANSPORTATION		c:\dgn\7261000\ropln201.dgn 9/8/2013 10:12:44 AM CPS-U0034	

NOTES:
1. THE PROPOSED R/W LINE WHERE A SPIRAL
CURVE TRANSITION IS USED IS A CHORD
RATHER THAN A CONCENTRIC CURVE.
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ARE IN REFERENCE TO THE R/W BASELINE.

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C.O.S. No. 3201914

CUSTER AVE.

MONTANA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY PLAN	
LEWIS AND CLARK COUNTY	
SCALE 1"=50'	
0	50' 100' 150'

SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY	SHEET	TOTAL
MONTANA		NO.	SHEETS
		5	5
R/W ID.		BR 5802(16)	
UNIFORM PROJECT NO. 7261-016-000			
HLNA VALLEY CANAL BR-CUSTER AV			

SE⁴SW⁴
SEC. 16

C.O.S. 3069987
TRACT 2

ST 1+57.20 IS S 18° 51' 19" W
2,769.40' FROM THE CENTER OF
SECTION 16. (FND 2" A.C.)

PI=6+14.53
Δ=66° 51' 52" (LT)
Rc=590'
Ls1=132'
Ls2=176'
Θs1=6° 24' 34"
Θs2=8° 32' 54"
Ts1=457.33'
Ts2=477.85'
Lc=534.53'
Es=119.02'
S=8%

STA 1+57.20
BEGIN SLIP LANE=
STA 171+57.20 (CUSTER AVE)
29.00' OFFSET LT

HRA MINOR SUBDIVISON
DOC. NO. 3034171

NE⁴NW⁴
SEC. 21

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CONSTRUCTION LIMITS

CUT SECTION

TRANSITION

TOE OF FILL

BACKSLOPE LIMITS INCLUDE ROUNDING

MAP REVISED 3-7-11

FHWA/MDT APPROVAL 1-26-11

MDT MONTANA DEPARTMENT OF TRANSPORTATION

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SLIP LANE

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

LEWIS AND CLARK COUNTY

SCALE 1"=50'

0 50' 100' 150'